

AICTE APPROVAL PROCESS 2022-23



ANNEXURE-10 **Mandatory Disclosures**

COLLEGE OF ENGINEERING TRIVANDRUM
THIRUVANANTHAPURAM – 695016, KERALA, INDIA
PH: 0471-2515502 FAX: 0471-2515555
Email: principal@cet.ac.in

COLLEGE OF ENGINEERING TRIVANDRUM

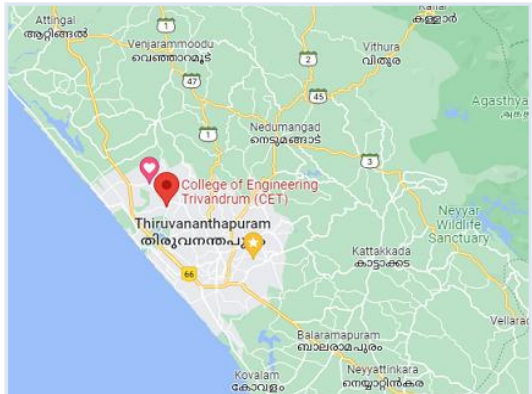
THIRUVANANTHAPURAM – 695016, KERALA, INDIA

PH: 0471-2515502 FAX: 0471-2515555

Email: principal@cet.ac.in

ANNEXURE-10

Mandatory Disclosures

	UPDATED ON	
	AICTE File No.	South-West/-9319095795/2021/EoA
	Date & Period of last approval	02/07/2021, 2020-21
1.	Name of the Institution	College of Engineering Trivandrum
	Address of the Institution	College of Engineering Trivandrum, Engineering College P.O, Sreekaryam, Thiruvananthapuram, Kerala PIN 695016
	Longitude & Latitude	76° 54' 21.528" E, 8° 32' 45.708" N  <p>The institute's location on the Google Map</p>
	Email	principal@cet.ac.in
	Website	www.cet.ac.in
	Phone number with STD code	0471-2515502
	FAX number with STD code	0471-2515555
	Office hours at the Institution	09.00 AM to 04.00 PM
	Academic hours at the Institution	09.00 AM to 04.00 PM
	Nearest Railway Station (Distance in Km)	Thiruvananthapuram Central (11kms)
	Nearest Airport (Distance in Km)	Thiruvananthapuram Airport (12kms)

	Vision of the Institution	National Level Excellence and International visibility in Every Facet of Engineering Research and Education.
	Mission of the Institution	<ul style="list-style-type: none"> • To facilitate quality transformative education in Engineering and Management. • To foster innovations in Technology and its application for meeting global challenges. • To pursue and disseminate Quality Research. • To equip, enrich and transform students to be Responsible Professionals for better service to humanity.
	Type of Institution	Government
	Category (1) of the Institution	
	Category (2) of the Institution	
2.	Name of the organization running the Institution	Govt. of Kerala
	Type of the organization	Government
	Address of the organization	
	Website of the organization	
3.	Name of Principal / Director	Dr. SURESH BABU V
	Exact Designation	PRINCIPAL
	Phone number with STD code	0471-2515502
	FAX number with STD code	0472-2515555
	Email	principal@cet.ac.in
	Highest Degree	Ph.D.
	Field of Specialization	Electronics and Communication Engineering.
4.	Name of the affiliating University / Board	A.P.J. Abdul Kalam Kerala Technological University (KTU)
	Address	CET Campus, Alathara Rd, Ambady Nagar, Thiruvananthapuram , Kerala 695016
	Website	www.ktu.edu.in
	Latest affiliation period	2021-22

5. GOVERNANCE

❖ GOVERNING BODY MEMBERS

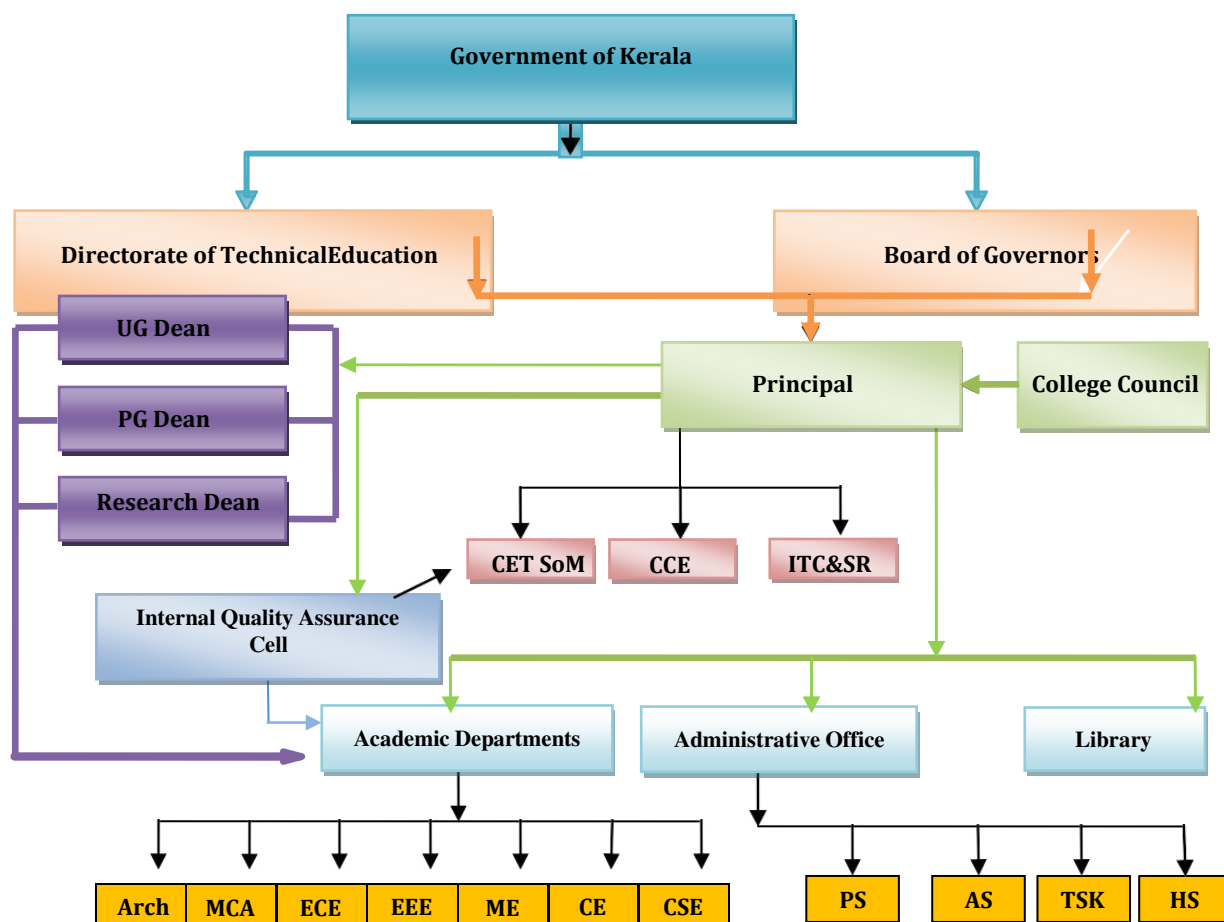
Sl. No.	Name and Address	Position in BoG
1.	DR. ASHOK JHUNJHUNWALA Professor, IIT Madras, Chennai.	Chairman
2.	DR. GANGAN PRATHAP, Director, NISCAIR , New Delhi	Vice Chairman
3.	Dr. B N SURESHD Vikram Sarabhai Distinguished Professor , ISRO head Quarters , Bangalore	Member
4.	Sri. VISHNU KARTHA Executive Director, BRAHMOS,	Member
5.	Dr. Usha Titus IAS, Secretary Higher Education Department. Government of Kerala	Member
6.	Anil Kumar G Additional Secretary, Govt. Finance Department, Government of Kerala	Member
7.	Dr. K P Indira Devi, Director of Technical Education	Member
8.	Dr. Mahadevan Pillai , Vice Chancellor , University of Kerala	Member
9.	Dr. Jiji C V, Principal, College of Engineering Trivandrum Dr. M Ayyappan, Chairman and Managing Director HLL Life Care Ltd.	Member Secretary
10.	Dr. Sunil Edward , PG Dean College of Engineering Trivandrum	Member
11.	Dr.M Abdul Nizar, PG Dean College of Engineering Trivandrum	Member
12.	Dr. M Ayyappan, Chairman and Managing Director HLL Life Care Ltd.	Member

Frequency of meetings in a Year: Twice a Year

❖ **MEMBERS OF ACADEMIC ADVISORY BODY**

Sl. No.	Name and Department
1.	DR. SURESH BABU V, PRINCIPAL
2.	DR. LAKSHMI A, DEAN (R & IR)
3.	DR. SUNIL EDWARD, DEAN (PG)
4.	DR. ABDUL NIZAR M, DEAN (UG)
5.	DR. UNNIKRISHNAN N, HoD (CE)
6.	DR. UNNIKRISHNAN V S, HoD (ME)
7.	DR. SAVIER J S, HoD (EE)
8.	DR. BIJI JACOB, HoD (ECE)
9.	DR. SUMESH DIVAKARAN, HoD (CSE), HOSTEL WARDEN
10.	DR. BEJENE S KOTHARI, HoD (ARCH)
11.	PROF. DEEPA S S, HoD (MCA)
12.	DR. SUMESH SUBRAMANIAM, DIRECTOR (CET-SoM)
13.	DR. ARVEE SUJIN JOHNSON, HoD (PTDC)
14.	PROF. SINDHU R L, HoD (PHYSICS)
15.	DR. RANI PAVITHRAN, HoD (CHEMISTRY)
16.	DR. BIJU G S, HoD (MATHS)
17.	DR. PRAVEEN KUMAR T K, HoD (P-Ed)
18.	DR. BINOOSH S A, CO-ORDINATOR (IQAC)
19.	DR. SALIM A, CO-ORDINATOR (CCF)

❖ ORGANIZATIONAL CHART AND PROCESSES



EEE: Electrical & Electronics Engg.
 CET SoM: CET School of Management
 CCE: Centre for Continuity Education
 ITC&SR: Industrial Training, Consultancy and Sponsored Research
 Arch: Architecture
 MCA: Master of Computer Applications
 ECE: Electronics & Communication Engg.

ME: Mechanical Engg.
 CE: Civil Engg.
 CSE: Computer Science Engg.
 PS: Purchase Section
 AS: Accounts Section
 TSK: Technical Store Section
 HS: Hostel Section

❖ **GRIEVANCE REDRESSAL MECHANISM FOR FACULTY, STAFF AND STUDENTS**

PRL/CET/2021

College of Engineering Trivandrum
Date: 29.06.2021

OFFICE ORDER

Ref:- Council Decision No.67 dt.22/06/2021

With reference to the above decision, it is decided to reconstitute Grievance Redressal Cell with the following members:

1. Dr. Salim A, Prof.(CSE), Chairperson
2. Dr. Savier J S, HOD (EE)
3. Dr. Baiju Sasidharan, Asso. Prof.(ME)
4. Dr. Rani Pavithran, HOD (Chemistry)
5. Prof. Saritha G. Parambath, Asso. Prof. (AR)



PRINCIPAL

To

1. The parties concerned
2. Dean (UG, PG & Research)
3. All HoDs

a) STUDENT'S GRIEVANCE CELL

The objective of the Grievance Cell is to develop a responsive and accountable attitude among all the stakeholders in order to maintain a harmonious educational atmosphere in the institute. The function of the cell is to look into the complaints lodged by any student, and judge its merit. The Grievance cell is also empowered to look into matters of harassment. Anyone with a genuine grievance may approach the faculty members in person, or the officer in-charge Students' Grievance Cell. In case the person is unwilling to appear in self, grievances may be dropped in writing at the suggestion box kept at the Main Block entrance.

Grievances Redressal committee shall receive and redress grievances reported of following issue:

- a) Academic issues pertaining to teaching learning activities.
- b) Student-teacher, student - student relationship.
- c) Internal evaluation and assessment marking.
- d) Complaint related to library and IT services.
- e) Grievances related to hostel, food, water, electricity, safety, security etc.
- f) Grievance related to transport facilities.
- g) Grievances related to sports, cultural, and selection process etc.
- h) Grievances related to women issues and harassment. However they are specifically redressed by women welfare and anti-sexual harassment committee.
- i) Grievance related to ragging; however, the matter is referred to anti-ragging committee for appropriate redressal
- j) Grievances related to internal examination.
- k) Grievances related to behavioral of office staff.
- l) Grievances related to delay in issuance of records and documents.

b) WOMEN'S CELL

The women's cell of College of Engineering Trivandrum is formed with an objective of serving the feminine community in general and the girl students of the college in particular.

The main functions of Women cell are;

- Enable the students and teachers to come to the forefront and maintain a harmonious environment in the institute.
- Create awareness on gender related issues.
- Create a professional learning and working atmosphere in the institute for its students and employees by preventing gender discrimination.

❖ ANTI-RAGGING COMMITTEE

Ragging in any form is prohibited and any incidence of indulging in ragging will be reported to the police. Actions will be taken against students for indulging and abetting ragging depending upon the nature and gravity of the offence as established. The Anti-ragging Committee has been constituted in the college for the security of students and to inculcate the sense of humanism and equality among students. On admission to the college, each student will be asked to sign the anti- ragging oath form that creates awareness about ragging offences and punishments. The Anti ragging committee conduct enquiry on complainants and submits report to the Principal. The Principal, if required, forward the complainant to the local police for necessary action against the offender. The committee keeps the records of the complaint and the enquiry report prepared (if any) in all cases. The present Anti-ragging Committee is given below:

OFFICE ORDER

Ref:- 1. F. No.37-3/legal/AICTE/2009 dated 01-07-2009
2. Council Decision No. 108 dt.21/04/2022

As per reference cited above, it is decided to reconstitute the Anti-Ragging Committee for the academic year 2022-23 with the following members.

1. Dr. V. Suresh Babu (Principal)	-	Chairperson
2. Dr. Abdul Nizar M (Dean, UG)	-	Vice Chairperson
3. Dr. Sunil Edward (Dean, PG)	-	Member
4. Dr. Praveen Kumar T. K., HoD (Phy. Edn.)	-	Convenor
5. Dr. Sumesh Divakaran, HoD (CS) & Hostel Warden	-	Member
6. Dr. Unnikrishnan V. S., HoD (ME)	-	Member
7. Dr. Ajayan K R, Professor (EC)	-	Member
8. Dr. Xavier J. S., HoD (EE)	-	Member
9. Prof. Bejene S Kothari, HoD (AR)	-	Member
10. Dr. Biju G. S., HoD (Mathematics)	-	Member
11. Prof. Sindhu R. L., HoD (Physics)	-	Member
12. Dr. Rani Pavithran, HoD (Chemistry)	-	Member
13. Dr. Arvee Sujil Johnson, HoD (Evening Courses)	-	Member
14. Prof. Deepa S. S., HoD (MCA)	-	Member
15. Dr. Suresh Subramoniam, HoD (MBA)	-	Member
16. Dr. Girija K, Assistant Warden, Ladies Hostel	-	Member
17. Prof. Shenil P. S., Assistant Warden, Men's Hostel	-	Member
18. Staff advisors of first semester classes	-	Member
19. Sri. Madhu Renjan, PTA Vice Preseident	-	Member
20. Representative of Hostel inmates	-	Member
21. Sri. Anil Kumar C, Accounts Officer (Non Technical Staff)	-	Member
22. Sri. Stanley D'Cruz, Ward Councillor, Sreekariyam	-	Member
23. Smt. Bindhu S. R, Ward Councillor, Cheruvaikal	-	Member
24. SHO, Sreekaryam Police Station	-	Member
25. Sri. A Anil, NGO representative	-	Member
26. Sri. Sreedevi Pillai, Special Correspondant, Media (Representative Manorama News)	-	Member
27. Class representatives from all first year classes	-	Member
28. Volunteer Secretaries NSS CET Unit	-	Member
29. General Secretary Student Union	-	Member

To

1. The parties concerned
2. Dean (UG, PG & Research)
3. All HoDs
4. Notice board



PRINCIPAL

PRINCIPAL

College of Engineering, Trivandrum
Thiruvananthapuram-16.

❖ **ESTABLISHMENT OF COMMITTEE FOR SC/ST**

PRL/CET/2022

College of Engineering Trivandrum
Date: 22.04.2022

OFFICE ORDER

Ref:- Council Decision No.107 dt.21/04/2022

With reference to the above decision, it is decided to reconstitute the SC/ST Committee with the following members.

- | | | |
|--|---|----------|
| 1. Dr. Baiju Sasidharan, Asso. Prof. (ME) | - | Chairman |
| 2. Dr. Hari R, Professor (EC) | - | Member |
| 3. Dr. Shibu K, Asso. Prof. (CE) | - | Member |
| 4. Dr. Sreeja S, Asso. Prof. (EE) | - | Member |
| 5. Prof. Saritha G Parambath, Asso. Prof. (AR) | - | Member |

To

1. The parties concerned
2. Dean (UG, PG & Research)
3. All HoDs



PRINCIPAL
PRINCIPAL

College of Engineering, Trivandrum,
Thiruvananthapuram-16.

❖ INTERNAL COMPLAINTS COMMITTEE

The Internal Complaints Committee (ICC) for prevention of sexual harassment in College of Engineering Trivandrum is addressing the complaints from staff, faculty and students.

PRL/CET/2022

College of Engineering Trivandrum

Date: 28.04.2022

OFFICE ORDER

Ref:- Council Decision No.105 dt.21/04/2022

With reference to the above decision, it is decided to reconstitute Internal Complaints committee with the following members:

1. Dr. Bindu G. R, Prof.(EE), Presiding Officer
2. Dr. Sunil Edward, Dean (PG)
3. Dr. Priyanjali Prabhakaran, Asso. Prof.(Arch.)
4. Smt. Seema Gopinath, Chief Accountant(Office)
5. Smt. Meena O, Jr. Supdt. (Academic)(Office)
6. Mr. Anil G, NGO

To

1. The parties concerned
2. Dean (UG, PG & Research)
3. All HoDs




PRINCIPAL
PRINCIPAL
College of Engineering, Trivandrum
Thiruvananthapuram-16.

❖ INTERNAL QUALITY ASSURANCE CELL (IQAC)

The Internal Quality Assurance Cell plays an important role in protecting the quality of education delivery. IQAC of CET is established with a vision to enhance quality of the institution through a combination of self and external quality evaluation, and promotion of sustenance initiatives. The cell supports the University to channelize and systematize all its efforts to move towards academic excellence.

The major functions of IQAC-CET are as follows:

- Refine the mission and strategic vision of the institution that meet the interests of stakeholders such as students, employers, local communities, government and others.
- Help to refine the vision and mission of the departments and approve their POs, PEOs, and PSOs.
- Suggest new courses/training/workshop that can improve the level of outcome of the students.
- Development and application of quality benchmarks / parameters for the various academic and administrative activities of the Colleges.
- Dissemination of information on the various quality parameters of higher education.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- Documentation of the various programs/ activities of the College, leading to quality improvement.
- Coordinate and support the activities related to accreditation of programs and institution.

6. PROGRAMMES

❖ NAME OF PROGRAMMES APPROVED BY AICTE

UNDER GRADUATE PROGRAMMES (U.G)

Sl No.	Name of the Programme	No. of Seats	Duration
1.	Civil Engineering	120	8 Semesters
2.	Mechanical Engineering	120	8 Semesters
3.	Electrical & Electronics Engineering	120	8 Semesters
4.	Electronics & Communication	60	8 Semesters
5.	Industrial Engineering	60	8 Semesters
6.	Applied electronics and instrumentation	60	8 Semesters
7.	Computer science and Engineering	60	8 Semesters
8.	B. Arch	40	10 Semesters

POST GRADUATE PROGRAMMES (P.G)

Sl No.	Name of the Programme	No. of Seats	Duration
CIVIL ENGINEERING			
1	Traffic and Transportation Engineering	18	4 Semesters
2	Structural Engineering	18	4 Semesters
3	Hydraulics Engineering	18	4 Semesters
4	Environmental Engineering	18	4 Semesters
5	Geotechnical Engineering	18	4 Semesters
6	Geo Informatics	18	4 Semesters

MECHANICAL ENGINEERING			
7	Machine Design	18	4 Semesters
8	Thermal science	18	4 Semesters
9	Industrial Engineering	18	4 Semesters
10	Propulsion Engineering	18	4 Semesters
11	Manufacturing and automation	18	4 Semesters
12	Financial Engineering	18	4 Semesters
ELECTRICAL AND ELECTRONICS COMMUNICATION ENGINEERING			
13	Power Systems	18	4 Semesters
14	Control Systems	18	4 Semesters
15	Guidance and Navigation control	18	4 Semesters
16	Electrical Machines	18	4 Semesters
ELECTRONICS AND COMMUNICATION ENGINEERING			
17	Microwave and TV Engineering	18	4 Semesters
18	Applied Electronics and Instrumentation	18	4 Semesters
19	Signal Processing	18	4 Semesters
20	Micro and Nano Electronics	18	4 Semesters
21	Robotics and Automation	18	4 Semesters
COMPUTER SCIENCE AND ENGINEERING			
22	Computer Science and Engineering	18	4 Semesters
23	Information Security	18	4 Semesters
24	Artificial Intelligence	18	4 Semesters

ARCHITECTURE DEPARTMENT			
25	M. Planning (Housing)	18	4 Semesters
26	M. Arch (Urban Design)	18	4 Semesters
27	M. Arch (Environmental Design)	20	4 Semesters
COMPUTER APPLICATION DEPARTMENT			
28	Master Computer Applications	60	6 Semesters
CET SCHOOL OF MANAGEMENT			
29	Business Administration	120	6 Trimesters

PROGRAMMES (UG – EVENING)

Sl No.	Name of the Programme	No. of Seats	Duration
1.	Civil Engineering	40	8 Semesters
2.	Mechanical Engineering	40	8 Semesters
3.	Electrical & Electronics Engineering	40	8 Semesters
4.	Electronics & Communication Engineering	40	8 Semesters
5.	Computer science and Engineering	40	8 Semesters

PROGRAMMES (PG – EVENING)

Sl No.	Name of the Programme	No. of Seats	Duration
1	Business Administration	30	6 Trimesters

PROGRAMMES ACCREDITED BY NBA

Sl No.	Name of the Programme	No. of Seats	Acred. till
ENGINEERING AND TECHNOLOGY (UG)			
1.	Civil Engineering	160	30/06/2022
2.	Electrical and Electronics Engineering	120	30/06/2022
3.	Mechanical Engineering	160	30/06/2022
4.	Industrial Engineering	60	30/06/2022
5.	Computer Science & Engineering	120	30/06/2022
6.	Applied Electronics and Instrumentation Engineering	60	30/06/2022
7.	Electronics and Communications Engineering	60	30/06/2022
ARCHITECTURE AND PLANNING (UG & PG)			
8.	Architecture	40	30/06/2022
9.	Architecture (Housing)	18	30/06/2022

7. FACULTY

❖ COURSE/BRANCH WISE LIST OF FACULTY MEMBERS

DEPARTMENT OF CIVIL ENGINEERING					
SLNO	NAME	DESIGNATION	DEPARTMENT	GENDER	QUALIFICATION
1.	ARVEE SUJIL JOHNSON	Professor	Civil Engineering	Male	B.Tech (CIVIL), University Of Kerala, 1989, MS (By Research) From IIT Madras, 1994, Ph.D In Geotechnical Engg From United Kingdom, 1998
2.	ASHALATHA R	Professor	Civil Engineering	Female	B.Tech. In Civil Engineering, M.Tech Traffic And Transportation Engineering, Civil Engineering
3.	DR. BEENA K P	Professor	Civil Engineering	Female	B.Tech In Civil Engineering, M Tech In Structural Engineering, Phd In Structural Engineering
4.	DR. BINDHU K.R.	Professor	Civil Engineering	Female	B. Tech Degree In Civil Engineering, M.Tech Degree In Structural Engineering, Ph.D. In Civil Engineering
5.	DR. GIRIJA K.	Professor	Civil Engineering	Female	B.Tech, M.Tech, Ph.D
6.	DR. JAYASREE P K	Professor	Civil Engineering	Female	B Tech, M Tech, Phd
7.	DR. JEENU G	Professor	Civil Engineering	Female	B.Tech In Civil Engineering, M.Tech In Structural Engineering And Construction Management, Ph. D In Civil Engineering
8.	DR. SHIBU A.	Professor	Civil Engineering	Male	B.Tech. In Civil Engineering, M. Tech. In Hydraulics Engineering, Ph. D. In Water Resources Engineering
9.	DR. BINDU J	Professor	Civil Engineering	Female	B Tech, M .Tech, Geotechnical Engineering
10.	DR. PRIYADARSINI RS	Professor	Civil Engineering	Female	B Tech In Civil, M Tech In Structural Engineering, Ph D In Civil (Structural Engg)
11.	JJI ANNA VARUGHESE	Professor	Civil Engineering	Female	B Tech In Civil Engineering, M Tech In Structural Engineering And Construction Management, Earthquake Engineering
12.	LEEMA PETER	Professor	Civil Engineering	Female	B.Tech, M.Tech, Ph.D
13.	MANJU V S	Professor	Civil Engineering	Female	B.Tech (Civil Engineering), M.Tech (Transportation Planning), Transportation Planning
14.	SHEELA ALEX	Professor	Civil Engineering	Female	B Tech In Civil Engineering, M Tech In Traffic And Transportation Engineering, Ph.D In Civil Engineering
15.	UNNIKRISHNAN N	Professor	Civil Engineering	Male	B.Tech. In Civil Engineering, M.Tech. In Geotechnical Engineering, Ph.D. In Civil Engineering

16.	AJITH G NAIR	Associate Professor	Civil Engineering	Male	B Sc,M Sc,Ph. D
17.	AJITHA A.R.	Associate Professor	Civil Engineering	Female	B .Tech,M.Tech,
18.	ANIL R	Associate Professor	Civil Engineering	Male	B Tech Civil Engg,M Tech Transportation Engg,Phd In Its
19.	ANJANA A. V. PANICKER	Associate Professor	Civil Engineering	Female	Bsc Geology,Msc Geology,Phd
20.	BEENA P R	Associate Professor	Civil Engineering	Female	B Tech In Civil Engineering,M Tech In Structural Engineering,Ph. D
21.	BINU SARA MATHEW	Associate Professor	Civil Engineering	Female	B Tech In Civil Enginerring,M Tech In Traffic And Transportation Engineering,Phd In Civil Engineering
22.	DR. ANU P. ALEX	Associate Professor	Civil Engineering	Female	B Tech,Me,Ph. D
23.	DR. PADMAKUMAR R	Associate Professor	Civil Engineering	Male	B.Tech Civil Engineering, University Of Kerala 1996,Traffic And Transportation Engg, University Of Kerala 1998,Transportation Systems Engg., IIT Bombay, 2010
24.	DR. PREETHI P	Associate Professor	Civil Engineering	Female	B.Tech In Civil Engineering,M.Tech InTraffic And Transportation Planning,Ph.D In Civil Engineering
25.	DR. PRIYA R	Associate Professor	Civil Engineering	Female	B.Tech Civil Engineering,M.Tech TrafficAnd Transportation Engg ,Civil
26.	DR. SWARNA LATHAK	Associate Professor	Civil Engineering	Female	Civil Engineering,Environmental Engineering,Study Of Abundance Of Heavy Metals In Aquatic Systems
27.	DR. YASHIDA NADIR	Associate Professor	Civil Engineering	Female	B.Tech In Civil Engineering ,M.Tech InStructural Engineering,Phd
28.	DR.JAYA V	Associate Professor	Civil Engineering	Female	B.Tech,M. Tech,Ph.D
29.	DR.LOUI T R	Associate Professor	Civil Engineering	Male	B.Tech Civil Engineering,M.Tech TrafficAnd Transportation Planning,Ph D Civil Engineering
30.	INDULEKHA K P	Associate Professor	Civil Engineering	Female	B Tech Civil,M.Tech -HydraulicsEngg,
31.	LATHA P	Associate Professor	Civil Engineering	Female	B.Tech In Civil Engineering,M.Tech In Environmental Engineering,Nil
32.	LEA MATHEW	Associate Professor	Civil Engineering	Female	Bsc Zoology ,Msc Microbiology,Phd Biotechnology
33.	MANJU GS	Associate Professor	Civil Engineering	Female	B.Tech In Civil Engg,M.Tech In Geotechnical Engg,Phd In Geotechnical Engg
34.	MOHAN DAS C	Associate Professor	Civil Engineering	Male	B Tech In Civil Engineering,M Tech In Hydraulics Engineering,
35.	SABU P	Associate Professor	Civil Engineering	Male	B. Tech. In Civil Engineering,M. Tech. InRemote Sensing,N.A.
36.	SALINI S	Associate Professor	Civil Engineering	Female	Ph.D,M.Tech In Transportation SystemsEngineering,Ph.D In Civil Engineering: Traffic Engineering

37.	SHIBU K	Associate Professor	Civil Engineering	Male	B.Tech Civil Engineering,M.Tech Civil Engineering,Phd Pre-Submission Seminar Is Over
38.	SINDHU P	Associate Professor	Civil Engineering	Female	Civil Engineering,Environmental Engineering,
39.	SMITHA M S	Associate Professor	Civil Engineering	Female	Civil Engineering,Structural Engineering,Civil Engineering
40.	THULASEEDHAR AN V	Associate Professor	Civil Engineering	Male	B Tech,M Tech,Phd
41.	ANANDLAL R	Assistant Professor (Regular)	Civil Engineering	Male	B.Tech Civil Engineering,M.TechStructural,
42.	ANISH KUMAR K	Assistant Professor (Regular)	Civil Engineering	Male	B.Tech,M.Tech In Civil Engineering ,
43.	ANUSHA S. P.	Assistant Professor (Regular)	Civil Engineering	Female	B. Tech. In Civil Engineering,M.S. In Transportation Engineering,Transportation Engineering
44.	ARUN S.	Assistant Professor (Regular)	Civil Engineering	Male	Civil Engineering,Structural Engineering,Structural Engineering
45.	BIJU V	Assistant Professor (Regular)	Civil Engineering	Male	B.Tech,M.Tech,
46.	DIVYA CHANDRAN	Assistant Professor (Regular)	Civil Engineering	Female	B.Tech ,M.Tech,
47.	DR. SAYIDA M K	Assistant Professor (Regular)	Civil Engineering	Female	B. Tech.,M E,Ph. D
48.	DR. VANDANA R K	Assistant Professor (Regular)	Civil Engineering	Female	B.Tech In Civil Engineering,M.Tech In Offshore Structures,Phd In Structural Engineering
49.	HARITH SURAJ D	Assistant Professor (Regular)	Civil Engineering	Male	B.Tech In Civil Engineering,M.Tech In Structural Engineering And ConstructionManagement,
50.	LEKSHMY DEVI C A	Assistant Professor (Regular)	Civil Engineering	Female	B.Tech In Civil Engineering,M.Tech In Hydraulics Engineering,
51.	NIKHITHA P	Assistant Professor (Regular)	Civil Engineering	Female	B.Tech In Civil Engineering,M.Tech In Environmental Engineering,
52.	PARVATHY U	Assistant Professor (Regular)	Civil Engineering	Female	B.Tech,M.Tech,Doing Ph.D
53.	PRANOY S RAJ	Assistant Professor (Regular)	Civil Engineering	Male	B TECH In Civil Engineering,M TECH InTransportation Systems Engineering,
54.	SAJITHA BEEGOM A	Assistant Professor (Regular)	Civil Engineering	Female	B Tech,M Tech,

55.	SARIF N	Assistant Professor (Regular)	Civil Engineering	Male	B.TECH,M.TECH,
56.	SHALU R F	Assistant Professor (Regular)	Civil Engineering	Male	B Tech,M Tech,
57.	SHEENA HASSAN	Assistant Professor (Regular)	Civil Engineering	Female	B Tech (Civil Engineering),M. Tech(Hydraulics Engineering),
58.	SINI T	Assistant Professor (Regular)	Civil Engineering	Female	B Tech,M E,
59.	SMITHA S	Assistant Professor (Regular)	Civil Engineering	Female	Biochemistry,Biochemistry,
60.	SREEDEVI A R	Assistant Professor (Regular)	Civil Engineering	Female	M. Tech,Construction Technology andManagement,
61.	SUMI S	Assistant Professor (Regular)	Civil Engineering	Female	B Tech (Civil Engineering),M Tech (CivilEngineering),Ph.D (Civil Engineering)
62.	SUNITHA S	Assistant Professor (Regular)	Civil Engineering	Female	B.Tech,,
63.	THUSHARA V T	Assistant Professor (Regular)	Civil Engineering	Female	B. Tech in Civil Engineering,M. Tech inCivil Engineering,
64.	VINEETHA BASIL	Assistant Professor (Regular)	Civil Engineering	Female	B. Tech in Civil Engineering,M. Tech in Civil Engineering,
DEPARTMENT OF ELECTRICAL ENGINEERING					
65.	ARUN KISHORE	Professor	Electrical Engineering	Male	Electrical and Electronics Engineering,Control Systems,ElectricalEngineering
66.	BINDU G R	Professor	Electrical Engineering	Female	B Tech Electrical Engineering,Control Systems,Ph.D in Electrical Engineering
67.	DINESH GOPINATH	Professor	Electrical Engineering	Male	B. Tech Electrical & Electronics Engineering,M. Tech Electrical Engineering (Power Electronics),Ph. D in Electrical Engineering
68.	DR LAL PRIYA P S	Professor	Electrical Engineering	Female	B.TECH in EE,M.TECH in EE specialisation Control Systems,Systemsand Control
69.	DR. LEKSHMI ALAPPAT	Professor	Electrical Engineering	Female	B.Tech in Electrical and Electronics Engg.,M.Tech in Electrical Machines,PhD
70.	DR. MINI V P	Professor	Electrical Engineering	Female	B.Tech,M.Tech,PhD
71.	DR.MAYADEVI N	Professor	Electrical Engineering	Female	B.Tech,M.Tech,Ph.D

72.	ELIZABETH CHERIAN	Professor	Electrical Engineering	Female	B Tech (Electrical and Electronics),M.Tech (Power Systems),Ph D (Electrical and Electronics)
73.	FRANCIS M FERNANDEZ	Professor	Electrical Engineering	Male	B.Tech - Electrical and Electronics,M.Tech - Electrical Machines,PhD - Power Quality
74.	JISHA V R	Professor	Electrical Engineering	Female	B.Tech,M.Tech,PhD
75.	RAJEEV T	Professor	Electrical Engineering	Male	B.TECH IN ELECTRICAL ENGINEERING,M.TECH IN POWER SYSTEMS,ELECTRICAL ENGINEERING
76.	SAVIER J S	Professor	Electrical Engineering	Male	B.Tech. in Electrical and Electronics,M.E. in Electrical Engineering,Ph.D. in Electrical Engineering
77.	SHEREEF R. M.	Professor	Electrical Engineering	Male	B. Tech.(Electrical & Electronics Engineering),M. E. (Electrical Engineering),Ph. D.
78.	ARLENE DAVIDSONR	Associate Professor	Electrical Engineering	Female	B.Tech(Electrical and Electronics Engineering),M.Tech(Control Systems),Ph.D
79.	ASOK KUMAR A	Associate Professor	Electrical Engineering	Male	B Tech in Electrical and Electronics Engineering,Control Systems,Ph. D inElectrical Engineering
80.	DR. JAYASREE M S	Associate Professor	Electrical Engineering	Female	B.Tech,M.Tech,Ph.D
81.	JAYAKUMAR P	Associate Professor	Electrical Engineering	Male	B.Tech (Electrical & Electronics Engineering),M.Tech (Electrical & Electronics Engineering),
82.	JOHN PRAKASH JOSEPH	Associate Professor	Electrical Engineering	Male	B.Tech Electrical and Electronics Engineering,M.Tech Computer Scienceand Engineering,
83.	MABEL EBENEZER	Associate Professor	Electrical Engineering	Female	B, Tech(Electrical & Electronics),M.Tech (Power Systems),PhD
84.	SAINA DEEPTHI	Associate Professor	Electrical Engineering	Female	B.Tech Electrical& Electronics,M.E Power Systems,
85.	SHENIL P S	Associate Professor	Electrical Engineering	Male	B. Tech,M. Tech,Ph. D
86.	SREEJA S	Associate Professor	Electrical Engineering	Female	B. Tech Electrical & Electronics Engineering,M. Tech Guidance and Navigation Control,Ph. D Aerospace Engineering
87.	AKHIL I R	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech (Electrical & Electronics Engg),M.Tech(Industrial Drives And Control),
88.	ANJANA S	Assistant Professor (Regular)	Electrical Engineering	Female	B.Tech (Electrical And Electronics),M.Tech (Instrumentation And Control Systems),
89.	ANU A G	Assistant Professor (Regular)	Electrical Engineering	Female	B.Tech in Electrical & Electronics Engineering,M.Tech in Power Systems,pursuing Ph.D

90.	ANU G	Assistant Professor (Regular)	Electrical Engineering	Female	B Tech In Electrical And Electronics Engineering,M Tech In Power Systems,
91.	ARUN RAJ N	Assistant Professor (Regular)	Electrical Engineering	Male	B Tech,M Tech,
92.	BINDU V R	Assistant Professor (Regular)	Electrical Engineering	Female	B.Tech,M.Tech,
93.	DEEPA M U	Assistant Professor (Regular)	Electrical Engineering	Female	B.Tech,M.Tech,
94.	HARI KUMAR R	Assistant Professor (Regular)	Electrical Engineering	Male	Be,M.Tech (Power Systems),Electrical Engineering
95.	HASEENA A	Assistant Professor (Regular)	Electrical Engineering	Female	B.Tech Electrical And Electronics,M.Tech,
96.	LEKSHMI MOHAN	Assistant Professor (Regular)	Electrical Engineering	Female	B.Tech In EEE,M.Tech In ElectricalEngineering,Phd In Electrical Engineering
97.	MONISH M	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech,M.Tech,
98.	PRAJEESH P PRABHAKARAN	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech In Electrical And Electronics Engineering,M.Tech In Control Systems,
99.	PRAJEESH P PRABHAKARAN	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech In Electrical And Electronics Engineering,M.Tech In Control Systems,
100.	PRAVEEN S BABU	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech In Electrical And Electronics Engineering,M.Tech Control Systems,Ph. D
101.	ROYKUMAR M.	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech In Electrical & Electronics Engineering,M.Tech In Power Systems,
102.	SABIR V E	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech,M. Tech Electrical & Electronics,
103.	SAMINAT	Assistant Professor (Regular)	Electrical Engineering	Female	B Tech,M Tech,
104.	SOHAN PLACID JOHN	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech In EEE,M.Tech In ElectricalEngineering,
105.	SREEDEVI G	Assistant Professor (Regular)	Electrical Engineering	Female	B Tech-Electrical And Electronics Engineering,M Tech Power Systems,
106.	VIDYA M S	Assistant Professor (Regular)	Electrical Engineering	Female	B-Tech(Electrical And Electronics),M-Tech(Powersystems),

107.	VIJAYASREE G	Assistant Professor (Regular)	Electrical Engineering	Female	B.Tech,ME,
108.	VINOD V	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech,ME,PhD
109.	VIVEK R S	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech,M.Tech, MBA,
110.	ZUBIN J B	Assistant Professor (Regular)	Electrical Engineering	Male	B.Tech In Electrical And Electronics Engineering,M.Tech In Power And Energy Systems,
111.	ARCHA P. LAL	Assistant Professor (Adhoc)	Electrical Engineering	Female	B Tech,M.Tech,
112.	JULIE T S	Assistant Professor (Adhoc)	Electrical Engineering	Female	B. Tech,M. Tech,
113.	RAJESH KUMAR B	Assistant Professor (Adhoc)	Electrical Engineering	Male	B.E. In Electrical And Electronics Engineering, M.Tech In Guidance And Navigation Control,
114.	ROSHAN ALEX	Assistant Professor (Adhoc)	Electrical Engineering	Male	B.Tech,M.Tech in power systems,
115.	SHABNAM N S	Assistant Professor (Adhoc)	Electrical Engineering	Female	B.Tech,M.Tech ,

DEPARTMENT OF MECHANICAL ENGINEERING

116.	DR UNNIKRISHNAN V S	Professor	Mechanical Engineering	Male	B.Tech Mechanical Stream IndustrialEngineering,M.Tech Industrial Refrigeration and Cryogenic Engineering,PhD IIT Madras
117.	DR. BINOOSH S A	Professor	Mechanical Engineering	Male	B.Tech in Mechanical stream Production Engineering,M.Tech in Industrial Engineerinf,Mechanical Engineering
118.	DR. K SUNIL KUMAR	Professor	Mechanical Engineering	Male	B.Tech (Mechanical Engg.),M.Tech (Industrial Engg. and Operations Research),Ph.D (Industrial Engg. & Operations Research)
119.	DR. REGI KUMAR V.	Professor	Mechanical Engineering	Male	B.Tech Mechanical stream IndustrialEngineering,M.Tech Mechanical Engineering (Industrial Engineering),PhD
120.	ABDUL JALEEL H	Associate Professor	Mechanical Engineering	Male	B Tech,M Tech,
121.	AJITH R R	Associate Professor	Mechanical Engineering	Male	B Tech,M Tech,Nil
122.	ANITHA S NAIR	Associate Professor	Mechanical Engineering	Female	B.Tech in Mechanical Engineering,M.Tech in Thermal Sciences,

123.	DILIP D	Associate Professor	Mechanical Engineering	Male	B.Tech Mechanical Engineering,M.TechThermal Engineering,PhD in Mechanical Engineering
124.	DR M VINOD	Associate Professor	Mechanical Engineering	Male	Mechanical Engineering,Mechanical Engineering (Elective: Industrial Engineering),Faculty of Mechanical Engineering
125.	DR RAJU C	Associate Professor	Mechanical Engineering	Male	B Tech (Mech. Engg.),Me(Cim),Ph.D (Production Engineering)
126.	DR. BAIJU SASIDHARAN	Associate Professor	Mechanical Engineering	Male	B Tech (Mechanical Engineering),M Tech (Computer Aided StructuralAnalysis And Design),Phd (Friction Welding)
127.	DR. MINI R S	Associate Professor	Mechanical Engineering	Female	B Tech Industrial Engineering,M techMachine Design,PhD in Mechanical Engineering
128.	DR. P M AJITH	Associate Professor	Mechanical Engineering	Male	B.Tech, Mechanical Engineering,M.Tech (Propulsion Engg.),M.Tech (MT), MBA,Ph.D
129.	DR. SAJIKUMAR K S	Associate Professor	Mechanical Engineering	Male	B Tech,M Tech,Ph. D
130.	DR. SUNIL KUMAR S.	Associate Professor	Mechanical Engineering	Male	B.Tech,M.Tech,PhD
131.	DR.V R RAJEEV	Associate Professor	Mechanical Engineering	Male	B.Tech in Mechanical Engineering,Machine Design,Tribology
132.	PRASANTH V.S.	Associate Professor	Mechanical Engineering	Male	B.Tech in Mechanical Engineering,M.Tech Machine Design,Ongiong
133.	RAKESH P	Associate Professor	Mechanical Engineering	Male	B Tech in Mechanical Engineering, M ElN Aersospace Engineering,aerospace engineering
134.	SASI N	Associate Professor	Mechanical Engineering	Male	B-TECH,M-TECH,
135.	VINEETHA S DAS	Associate Professor	Mechanical Engineering	Female	Mechanical Engineering,Industrial Engineering,Industrial Engineering
136.	ABHILASH R	Assistant Professor (Regular)	Mechanical Engineering	Male	B Tech,M Tech,PhD
137.	ABHILASH SURYANR	Assistant Professor (Regular)	Mechanical Engineering	Male	B. Tech. (Mechanical Engineering),M.Tech. (Mechanical Engineering),PhD (Gas Dynamics)
138.	ALEX LOUIS	Assistant Professor (Regular)	Mechanical Engineering	Male	B-Tech In Mechanical Stream Production,M-Tech In Production Engineering,
139.	ANVER SADATH A	Assistant Professor (Regular)	Mechanical Engineering	Male	Industrial Refrigeration&Cryogenics,,
140.	ARUN B S	Assistant Professor (Regular)	Mechanical Engineering	Male	B Tech,M Tech,

141.	ASOK KUMAR N	Assistant Professor (Regular)	Mechanical Engineering	Male	B.Tech,M.Tech,
142.	BONY JOHN	Assistant Professor (Regular)	Mechanical Engineering	Male	B.Tech in Mechanical Engineering,M. Tech in Energy Management,Ph. D
143.	DR ANJAN R NAIR	Assistant Professor (Regular)	Mechanical Engineering	Male	B.Tech Mechanical Engineering,Propulsion Engineering,Nanotechnology
144.	DR. GIJOY S	Assistant Professor (Regular)	Mechanical Engineering	Male	B. Tech Mechanical Engineering,M. Tech Industrial Refrigeration and Cryogenic Engineering,Mechanical Engineering
145.	DR. RANIS	Assistant Professor (Regular)	Mechanical Engineering	Female	B.Tech- Mechanical-1993,M.Tech - Machine Design 1996,Tribology - 2015
146.	HARISH KUMAR B	Assistant Professor (Regular)	Mechanical Engineering	Male	B-Tech in ME,M-Tech in CIM,
147.	HARISH T V	Assistant Professor (Regular)	Mechanical Engineering	Male	Mechanical Stream Industrial Engineering,Mechanical (Industrial) Engineering,Mechanical Engineeirng
148.	JAGAJITH S	Assistant Professor (Regular)	Mechanical Engineering	Male	B Tech Mechanical,M Tech Non Destructive Testing,Na
149.	JIJITH P K	Assistant Professor (Regular)	Mechanical Engineering	Male	B Tech,M Tech,
150.	JOY VARGHESE V M	Assistant Professor (Regular)	Mechanical Engineering	Male	B Tech Mechanical Engg ,M Tech (Industrial Refrigeration and CryogenicEngg),Mechanical Engg TIG Welding Simulation
151.	JYOTHISH ABRAHAM	Assistant Professor (Regular)	Mechanical Engineering	Male	B.Tech Mechanical Stream AutomobileEngg,M.Tech Thermal Science,
152.	KEDAR MOHAN	Assistant Professor (Regular)	Mechanical Engineering	Male	B.TECH IN MECHANICAL ,M.TECH INPRODUCTION,
153.	KS SANTHOSH	Assistant Professor (Regular)	Mechanical Engineering	Male	B. Tech (Mechanical),M. Tech (ThermalScience),Nil
154.	LASITHAN L G	Assistant Professor (Regular)	Mechanical Engineering	Male	B.Tech in Mechanical engineering,M.Tech in Engineering Statistics,
155.	MAHESH S	Assistant Professor (Regular)	Mechanical Engineering	Male	B.TECH,M.TECH,
156.	MATHEW P	Assistant Professor (Regular)	Mechanical Engineering	Male	B. Tech in Mechanical Stream Automobile Engineering,M. Tech in Industrial Refrigeration and Cryogenics Engineering,

157.	NIJU MOHAMMED K	Assistant Professor (Regular)	Mechanical Engineering	Male	B.tech in mechanical engineering,M.tech in thermal engineering,
158.	PRADEEP A	Assistant Professor (Regular)	Mechanical Engineering	Male	Mechanical Engineering,Propulsion Engineering (Mechanical Engineering),Doing
159.	PRAVEEN A	Assistant Professor (Regular)	Mechanical Engineering	Male	B TECH,M TECH THERMAL SCIENCE,CURRENTLY PURSUING
160.	RAMU RAJENDRAN	Assistant Professor (Regular)	Mechanical Engineering	Male	B-Tech Mechanical Engineering,M-Techin Metallurgical and Materials Engineering,
161.	RANJITH S KUMAR	Assistant Professor (Regular)	Mechanical Engineering	Male	B.Tech Mechanical Engineering,M.TechThermal Science,PhD
162.	REJIN S	Assistant Professor (Regular)	Mechanical Engineering	Male	Mechanical Engineering,Industrial Refrigeration &Cryogenic Engineering,
163.	RENJITH B S	Assistant Professor (Regular)	Mechanical Engineering	Male	B Tech in Mechanical Engineering,Propulsion engineering,
164.	SAJU JOSEPH	Assistant Professor (Regular)	Mechanical Engineering	Male	B-Tech in Mechanical Engineering,,
165.	SHAFEEK M	Assistant Professor (Regular)	Mechanical Engineering	Male	B. Tech Mechanical Stream Production,M.Tech Computer IntegratedManufacturing,
166.	SURESH KUMAR V.B.	Assistant Professor (Regular)	Mechanical Engineering	Male	B.Tech in Mechanical Engineering,M.Tech Manufacturing Technology,Pursuing
167.	SURESH LAL S R	Assistant Professor (Regular)	Mechanical Engineering	Male	B.Tech,M.Tech,
168.	VIDHUN V R	Assistant Professor (Regular)	Mechanical Engineering	Male	Mechanical Engineering,Automotive Engineering,
169.	VIKAS V K	Assistant Professor (Regular)	Mechanical Engineering	Male	B Tech,M Tech,Nil
170.	VISHNU DETH K J	Assistant Professor (Regular)	Mechanical Engineering	Male	B.Tech Mechanical,M.Tech Mechanical(Production),
171.	VIVEK M	Assistant Professor (Regular)	Mechanical Engineering	Male	B Tech Mechanical,Manufacturing Engineering,
172.	SAJEEV R	Assistant Professor (Regular)	Mechanical Engineering	Male	B. Tech Mechanical,M. Tech Machine Design,Nil
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING					
173.	AJAYAN K. R.	Professor	Electronics and Communication Engineering	Male	B.Tech,ME,Ph. D

174.	DR. BIJI JACOB	Professor	Electronics and Communication Engineering	Male	B.Tech.,M.Tech.,Ph.D.
175.	DR. ALEX RAJ S M	Professor	Electronics and Communication Engineering	Male	BE,M. Tech.,Ph.D.
176.	DR. SREELATHA GANAPATHY	Professor	Electronics and Communication Engineering	Female	B. Tech, Applied Electronics & Instrumentation,M. Tech, ElectronicsDesign & Technology,Ph D
177.	DR. V. SURESH BABU	Professor	Electronics and Communication Engineering	Male	B. Tech Electronics and Communication, Kerala University, 1988,M. Tech, Integrated electronic Devices and Circuits, IIT madras,Design and Analysis of CMOSBased Neurons, Kerala University, 16-11-2013
178.	DR.JOSEPH ZACHARIAS	Professor	Electronics and Communication Engineering	Male	B Tech,M Tech,Ph.D
179.	HARI R	Professor	Electronics and Communication Engineering	Male	B.TECH ECE,M.TECH CIS,PhD VIDEO PROCESSING
180.	SURESH KUMAR E	Professor	Electronics and Communication Engineering	Male	BE,M.Tech,Engineering
181.	SUSAN R J	Professor	Electronics and Communication Engineering	Female	B.TECH (Electronics and Communication),M.TECH (Applied Electronics and Instrumentation),PhD
182.	AJAYAN KK	Associate Professor	Electronics and Communication Engineering	Male	B.Tech Electronics and Communication,,ME Computer Scienceand Engg
183.	DR CHANDINI G S	Associate Professor	Electronics and Communication Engineering	Female	B Tech in ECE,M Tech in Microwave &TV Engg,Power Electronics
184.	DR SAJITH V	Associate Professor	Electronics and Communication Engineering	Male	B Tech,M Tech,P hD
185.	DR. BIJU K S	Associate Professor	Electronics and Communication Engineering	Male	Applied Electronics and Instrumentation,Applied Electronics andInstrumentation,Biosignal Processing
186.	DR. BINU L S	Associate Professor	Electronics and Communication Engineering	Male	Electronics & Communication,Applied Electronics & Instrumentation,BioMedical Engineering
187.	DR. SHAJAHAN E S	Associate Professor	Electronics and Communication Engineering	Male	B.Tech. Electronics And Communication,M.Tech Digital Systems And Communication,Rf Mems

188.	DR. SREENI K G	Associate Professor	Electronics and Communication Engineering	Male	B.Tech (Electronics Engg.),M. Tech (Power Electronics),Signal Processing
189.	PRAJITH CA	Associate Professor	Electronics and Communication Engineering	Male	B-TECH,M-TECH,
190.	RAJEEV RAJAN	Associate Professor	Electronics and Communication Engineering	Male	B.Tech,M.Tech,Ph.D
191.	SANIL K DANIEL	Associate Professor	Electronics and Communication Engineering	Male	B.Tech in ECE,M.Tech in Electronic design,Ph.D
192.	SIVAKUMAR R	Associate Professor	Electronics and Communication Engineering	Male	Electronics and Communication ,M.Techin Biomedical Engineering,Medical Image Processing
193.	ADERSH V R	Assistant Professor (Regular)	Electronics and Communication Engineering	Male	B.Tech Electronics and Communication,M.Tech VLSI Design,
194.	AMEENUDEEN PE	Assistant Professor (Regular)	Electronics and Communication Engineering	Male	B.Tech,,
195.	ANITHA EDISON	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B. Tech in Electronics and Communication,M. Tech in Electronics and Communication,PhD in Electronics and Communication
196.	ANU GEORGE	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B.TECH ECE,M.TECH ECE,DOING
197.	ANURENJAN P.R.	Assistant Professor (Regular)	Electronics and Communication Engineering	Male	B. Tech in ECE,M. Tech in SignalProcessing,Ongoing
198.	ARUNIMA CV	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	Electronics And Communication,SignalProcessing,
199.	ASWINI S H	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B.Tech In Electronics And Communication,M.Tech In Signal Processing (Ece),
200.	DEEPAK S	Assistant Professor (Regular)	Electronics and Communication Engineering	Male	B.Tech,M.Tech,PhD in ECE
201.	JERRIN THOMAS PANACHAKEL	Assistant Professor (Regular)	Electronics and Communication Engineering	Male	B.Tech. in Electronics and Communication Engineering,M.Tech. inElectronics and Communication Engineering,
202.	JIJINA N	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B TECH ECE,M TECH ECE,
203.	JITHINA TS	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B.Tech,M.Tech,

204.	JOAQUIM IGNATIUS MONTEIRO	Assistant Professor (Regular)	Electronics and Communication Engineering	Male	B,Tech. (Electronics & Communication Engineering),M.Tech. (Biomedical Engineering),
205.	JOSHUA THOMAS	Assistant Professor (Regular)	Electronics and Communication Engineering	Male	BE ECE,M.Tech Applied Electronics,PhD Image Processing
206.	LALU V	Assistant Professor (Regular)	Electronics and Communication Engineering	Male	Electronics and Communication,Embedded System Technologies,
207.	LINU SHINE	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B.Tech Electronics,M.tech in Electronics design Engineering,
208.	RESMI E	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B.Tech,M.E.,
209.	SANGEETHA GOPAN G S	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B TECH,ME,
210.	SINDHU N	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B.Tech,M.Tech,
211.	SMITHASATHEES H	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B.Tech,M.Tech,
212.	SUDHI S	Assistant Professor (Regular)	Electronics and Communication Engineering	Male	B.Tech in Electronics and Communication Engineering,M.Tech in Telecommunication,
213.	SUMI GEORGE	Assistant Professor (Regular)	Electronics and Communication Engineering	Female	B. Tech (ECE),M. Tech (AEI),Nil
214.	GAYATHRI N	Assistant Professor (Adhoc)	Electronics and Communication Engineering	Female	B.Tech In Electronics And Communication,M.Tech In Vlsi And Embedded Systems,
215.	NARENDRA MUDR A N G	Assistant Professor (Adhoc)	Electronics and Communication Engineering	Female	B.Tech ECE,M.Tech SIGNAL PROCESSING ,

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

216.	SALIM A	Professor	Computer Science and Engineering	Male	B Tech (CSE),M. Tech (CSE),Ph. D Computer Science
217.	SUMESH DIVAKAR AN	Professor	Computer Science and Engineering	Male	Computer Science and Engineering,Computer Science and Engineering,Computer Science and Engineering
218.	DR LIJI P I	Associate Professor	Computer Science and Engineering	Female	B.Tech,M.E,Ph.D
219.	SHINE S	Associate Professor	Computer Science and Engineering	Male	B.Tech,M.Tech,
220.	SREELAL S	Associate Professor	Computer Science and Engineering	Male	B.Tech in Computer Science and Engineering,M.Tech in Computer Science and Engineering,

221.	AJAI RAM	Assistant Professor (Regular)	Computer Science and Engineering	Male	B.Tech in Computer Science and Engineering,M.Tech in Computer and Information Science,
222.	DEEPTHI V R	Assistant Professor (Regular)	Computer Science and Engineering	Female	BE,M.Tech,
223.	DHANYA S PANKAJ	Assistant Professor (Regular)	Computer Science and Engineering	Female	B.Tech in Computer Science and Engineering,M.Tech in CSE (Image Processing),Ph.D in CSE
224.	LEENA V A	Assistant Professor (Regular)	Computer Science and Engineering	Female	B.Tech in Computer Science and Engineering,M.Tech in Computer Science and Engineering,
225.	PIYOOSH P	Assistant Professor (Regular)	Computer Science and Engineering	Male	B.TECH IN IT,M.TECH IN CSE,PHD IN CSE
226.	PRAFULLA P	Assistant Professor (Regular)	Computer Science and Engineering	Female	B.tech,M.tech,
227.	PREETHI L	Assistant Professor (Regular)	Computer Science and Engineering	Female	B. TECH IN CSE,M.TECH IN CSE,
228.	RAJASREE R	Assistant Professor (Regular)	Computer Science and Engineering	Female	B-Tech in Computer Science, M-Tech inComputer Science,
229.	THARA R J	Assistant Professor (Regular)	Computer Science and Engineering	Female	B. Tech in Computer Science and Engineering, M. Tech in Computer Science and Engineering,Nil
230.	VIPIN VASU A V	Assistant Professor (Regular)	Computer Science and Engineering	Male	B.TECH - Computer Science and Engineering,M.TECH - Computer Science and Engineering,
231.	ACHU MARIYAM JOHN	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	B.TECH-IT,M.TECH-SOFTWARE ENGINEERING,
232.	AKHIL V V	Assistant Professor (Adhoc)	Computer Science and Engineering	Male	B.Tech,M.Tech,NO
233.	ANISHA V LAL	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	B Tech Computer Science and Engineering,M Tech Computer Science and Engineering,
234.	ANUSHA B	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	BE,ME,
235.	ARYA S R	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	B.Tech. Computer Science And Engg.,M.Tech. Computer Networks And Security,
236.	BHAGYA B	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	B.E,M.TECH,

237.	DIVYA S	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	BE CSE,M Tech CSE,
238.	JIPSY JOSE	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	B. TECH in CSE,M. TECH in CSE,NIL
239.	KRISHNA A V	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	B.TECH,M.TECH,
240.	REMYA N	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	B.TECH,M.TECH,
241.	SANDHYA L S	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	B.Tech,M.Tech,
242.	VIDYA P V	Assistant Professor (Adhoc)	Computer Science and Engineering	Female	B.Tech Computer Science And Engineering,M.Tech Computational Linguistics,

DEPARTMENT OF ARCHITECTURE

243.	DR. SUNIL EDWARD	Professor	Architecture	Male	B. Arch.,M. Arch. (Hons),Ph. D.
244.	PRIYANJALI PRABHAKARAN	Professor	Architecture	Female	B.Arch.,Master of Housing,PhD
245.	BEJENE S KOTHARI	Associate Professor	Architecture	Female	B Arch,M Arch (UD),PhD
246.	LAKSHMI.S.R	Associate Professor	Architecture	Female	B.Arch,M.Planning (Housing),
247.	MANJU NAIR	Associate Professor	Architecture	Female	B Arch,M Tech,PhD
248.	SARITHA G PARAMBATH	Associate Professor	Architecture	Female	B Arch,M Arch (General),
249.	AJU R	Assistant Professor (Regular)	Architecture	Male	B.ARCH,,
250.	APARNA S	Assistant Professor (Regular)	Architecture	Female	B. ARCH,M. ARCH,
251.	ASHFINA T	Assistant Professor (Regular)	Architecture	Male	B.ARCH,M.ARCH,
252.	AYSHA S	Assistant Professor (Regular)	Architecture	Female	B. Arch,M. Tech (Building Technology & ConstructionManagement),
253.	JAIN. K. GEORGE	Assistant Professor (Regular)	Architecture	Female	B. Arch,M. Planning(Housing),ongoing
254.	JINOJ M.	Assistant Professor (Regular)	Architecture	Male	B. Arch,M. Arch,
255.	KARTHIK MOHAN	Assistant Professor (Regular)	Architecture	Male	B.ARCH,M.ARCH,PURSUING

256.	LAKSHMI A.	Assistant Professor (Regular)	Architecture	Female	B.Arch,M.Planning (Housing),NA
257.	NIDHISH P J	Assistant Professor (Regular)	Architecture	Male	B.Arch,M.Planning (Housing),
258.	ROSHNI K V	Assistant Professor (Regular)	Architecture	Female	B.Arch,M.Arch,
259.	SHARAT SUNDER R	Assistant Professor (Regular)	Architecture	Male	M. Arch ,Masters in Architectural Conservation ,
260.	SMITHA M.V.	Assistant Professor (Regular)	Architecture	Female	Bachelor of Architecture (B.Arch.),Master of Planning (Housing),
261.	ANURUP K	Assistant Professor (Adhoc)	Architecture	Male	B. ARCH,Master of City Planning IITKGP,

DEPARTMENT OF COMPUTER APPLICATIONS

262.	ABDUL NIZAR M	Professor	Computer Applications	Male	B-Tech CS,M-TECH CS,Computer Science
263.	DEEPA S S	Associate Professor	Computer Applications	Female	B Tech,M Tech,Pursuing
264.	SABITHA S	Associate Professor	Computer Applications	Female	B.Tech Computer Science & Engg.,M.Tech Computer Science & Engg.,Ph.D Computer Science
265.	BABY SYLA L	Assistant Professor (Regular)	Computer Applications	Male	CSE,CSE,
266.	MINU R NATH	Assistant Professor (Regular)	Computer Applications	Female	B.Tech,M.Tech, MS,
267.	DIVYA S K	Assistant Professor (Adhoc)	Computer Applications	Female	B.Tech,M.Tech,
268.	POOJA J P	Assistant Professor (Adhoc)	Computer Applications	Female	B.TECH,M.TECH,
269.	PRIYA S A	Assistant Professor (Adhoc)	Computer Applications	Female	BSc.Software Systems,MCA,Pursuing
270.	SREEREKHA V K	Assistant Professor (Adhoc)	Computer Applications	Female	BSc,MCA,

SCHOOL OF MANAGEMENT


271.	SURESH SUBRAMONIAM	Professor	School of Management	Male	B Tech Mechanical Engineering,MS Industrial Engineering,PhD in Management
272.	DR. JNANESWAR K	Associate Professor	School of Management	Male	BCom,MBA,Ph D (Management)

273.	DR. SINI V PILLAI	Assistant Professor (Regular)	School of Management	Female	B.Tech,MBA,Management
274.	LINDA SUSAN MATHEW	Assistant Professor (Regular)	School of Management	Female	B.Tech,MBA,
275.	MILAN SAM MATHEW	Assistant Professor (Regular)	School of Management	Male	B.Tech,MBA, MA Economics,
276.	SEEMA S	Assistant Professor (Regular)	School of Management	Female	B-Tech CSE,MBA,
277.	ABHILASH V S	Assistant Professor (Adhoc)	School of Management	Male	Bcom,MBA,PURSUING
278.	DR.VIJAYA.S.UTHAMAN	Assistant Professor (Adhoc)	School of Management	Female	Bsc.Electronics,MBA,PhD under faculty of Management studies ,University ofKerala
279.	GAYATHRI RANJIT	Assistant Professor (Adhoc)	School of Management	Female	B.Tech Civil,MBA (Systems, Marketing),
280.	JISHA GOPI	Assistant Professor (Adhoc)	School of Management	Female	BPharmacy,MBA,
281.	MITHRA MANMADHAN	Assistant Professor (Adhoc)	School of Management	Female	BSc,MBA, M Com,PhD in Management
282.	NIMA RAVU	Assistant Professor (Adhoc)	School of Management	Female	BA English,MBA,
283.	ABHIJITH R	Adjunct Faculty	School of Management	Male	MBA,B tech,Ongoing
MATHEMATICS					
284.	BIJU G.S	Associate Professor	Mathematics	Male	B.Sc Mathematics,M.Sc, M.Phil,Ph.D
285.	DASAN JOHN	Associate Professor	Mathematics	Male	B. Sc., B. Ed. (Mathemtics),M. Sc., M. Phil. (Mathematics),Ph. D.
286.	DR. ASOKAN K	Associate Professor	Mathematics	Male	B.Sc,M.Sc,Ph.D
287.	DR. V. HEMA	Associate Professor	Mathematics	Female	BSC,MSC,PHD
288.	DR.ANURADHA N	Associate Professor	Mathematics	Female	B.Sc,M.Sc,Mathematics
289.	HARITA VIJAY	Associate Professor	Mathematics	Female	BSc ,Msc,PhD
290.	ANIL KUMAR B.T.	Assistant Professor (Regular)	Mathematics	Male	B.Sc,M.SC,
291.	DR. SAJIKUMAR S	Assistant Professor (Regular)	Mathematics	Male	B.Sc, B.Ed,M.Sc,PhD

292.	INDU L	Assistant Professor (Regular)	Mathematics	Female	B.Sc Mathematics,M.Sc Mathematics,
293.	S.INDUMATHI	Assistant Professor (Regular)	Mathematics	Female	B.Sc Mathematics,M.Sc Mathematics,
294.	SANOOJ B	Assistant Professor (Regular)	Mathematics	Male	B.Sc,M.Sc,
295.	SHEENA S	Assistant Professor (Regular)	Mathematics	Female	BSc Mathematics,MSc Mathematics, MPhil,
296.	TONNY K B	Assistant Professor (Regular)	Mathematics	Male	B.Sc Mathematics,M.Sc Mathematics,
297.	VARUN SOMAN	Assistant Professor (Regular)	Mathematics	Male	B.Sc Mathematics,M.Sc Mathematics ,
298.	VINOD S	Assistant Professor (Regular)	Mathematics	Male	B.Sc,M.Sc, M.Phil,
299.	DR.JOHNSON T T	Assistant Professor (Regular)	Mathematics	Male	BA Economics,MA Economics,Ph.D
PHYSICS					
300.	DR. BINU S	Assistant Professor (Regular)	Physics	Male	B.Sc,M.Sc, M.Phil,Ph.D
301.	HARITHA VG	Assistant Professor (Regular)	Physics	Female	BSc,MSc, M phil,
302.	SAJEEV MOHAN.M	Assistant Professor (Regular)	Physics	Male	B.Sc (PHYSICS),M.Sc { PHYSICS},
303.	SINDHU R L	Assistant Professor (Regular)	Physics	Female	B Sc,M Sc,
304.	SINI CHANDRAN	Assistant Professor (Regular)	Physics	Female	BSc,MSc,
CHEMISTRY					
305.	DR. MUHAMMED ARIF M	Assistant Professor (Regular)	Chemistry	Male	BSc. Chemistry,MSc Chemistry and NET UGC-CSIR,Chemistry
306.	BRINGLE C DAS	Assistant Professor (Regular)	Chemistry	Male	B Sc Chemistry,Msc Chemistry,Ph D Chemistry
307.	DR. DHANYA S. R.	Assistant Professor (Regular)	Chemistry	Female	B.Sc. Chemistry,M.Sc. Chemistry,PhD Chemical Science
308.	DR. GOWRI SREEDEVI K. C.	Assistant Professor (Regular)	Chemistry	Female	B. Sc. Chemistry,M. Sc. Chemistry,Ph.D

309.	RANI PAVITHRAN	Assistant Professor (Regular)	Chemistry	Female	B.Sc.,M.Sc.,Ph.D.
PHYSICAL EDUCATION					
310.	DR. PRAVEEN KUMAR TK	Associate Professor	Physical Education	Male	BPE,MPE,Ph.D
311.	DR.PRASANNAKU MARAN. K	Associate Professor	Physical Education	Male	BPE,MPE,Physical Education
312.	DR. AJAI KUMAR G I	Assistant Professor (Regular)	Physical Education	Male	BPE,MPE,Ph D

8. PROFILE OF PRINCIPAL

Name & Designation	Dr. Suresh Babu V Principal, College of Engineering Trivandrum, Trivandrum, Kerala, India- 695016	
Date of Birth		
Contact & Email	Mob : +91 9495502300 Email : principal@cet.ac.in , vsb@cet.ac.in	
Unique ID		
Educational Qualifications	<ul style="list-style-type: none"> ➤ B.Tech. in Electronics and Communication Engineering from TKM College of Engineering, University of Kerala ➤ M.Tech. in Integrated Electronic Devices and circuits from IIT Madras ➤ Ph.D. in Design and analysis of CMOS based neurons from College of Engineering, Trivandrum. 	
Work Experience	<ul style="list-style-type: none"> ➤ He started his career as lecturer in Electronics and Communication Engineering at CET in July 1989. ➤ In Feb 1990 he joined Keltron and served there for more than a year. ➤ In June 1991 he started his career in Technical Education as Assistant professor in Electronics and Communication Engineering. ➤ He worked at various positions in College of Engineering Trivandrum, GCE Kannur, GEC, Idukki, GEC Barton Hill and GEC Wayanad. ➤ He has also served as Controller of Examinations, APJ Abdul Kalam Technological University. ➤ Officiated as Professor Dean Research in College of Engineering Trivandrum. ➤ Presently he is officiating as Principal, College of Engineering Trivandrum. 	

Teaching Subjects	<ul style="list-style-type: none"> ➤ GATE Coaching Class, (SSD), CET, ECE 2010-2014 ➤ Solid State Devices ➤ VLSI Engineering ➤ Digital Electronics ➤ Signals and Systems ➤ Nanoelectronics ➤ VLSI Circuit Design (UG) ➤ VLSI Circuit Design (PG) ➤ Nanomaterials and Characterization (PG) ➤ CAD for VLSI (PG) ➤ CMOS Circuit Design (PG) ➤ Electronic Devices Lab, Electronic Circuits Lab, Digital Electronics Lab, AIC Lab
Research Areas	<ul style="list-style-type: none"> ➤ Solar Photovoltaic's, Nanotechnology <ul style="list-style-type: none"> • ORCID ID: https://orcid.org/0000-0001-8024-2621 • Google Scholar Link: https://scholar.google.com/citations?user=McF3RJ4AAAJ&hl=en
Achievements	<ul style="list-style-type: none"> ➤ He has written books on Solid state devices and Basic Electronics. ➤ Guided several PG and Ph. D scholars. ➤ Has 14 SCI indexed international journal publications and several scopus indexed and other journals and conference publications. ➤ Received best paper awards for co-authored papers (3 times).

<p>Other responsibilities</p>	<ul style="list-style-type: none"> ➤ Dean Research, College of Engineering, Trivandrum. ➤ Head, CET Centre for Interdisciplinary Research (CCIR) ➤ Member governing Body, Mar Baselios College of Engineering and Technology, Thiruvananthapuram, (Autonomous) ➤ Member, Academic Committee of Polytechnic colleges in Kerala ➤ Dean Academics, Government Engineering College, Wayanadu. ➤ Chairman IQAC, Government Engineering College, Wayanadu. ➤ Member BoG, Government Engineering College, Wayanadu Jan-Sept 2021. ➤ Member BoG, Government Engineering College, Barton Hill 2019-20. ➤ Member BoG, Government Engineering College, Kozhikod 2019-20. ➤ Member BoG, Cooperative Institute of Technology, Trikkaripur, 2019-20. ➤ Member BoG, Rajiv Gandhi institute of Technology, Kottayam, 2019-20. ➤ Controller of Examinations, APJ Abdul Kalam Technological University, Thiruvananthapuram, Kerala, 17-08-2019 to 16-08-2020 ➤ Head of Department of Electronics and Communication Engineering, Government Engineering College, Barton Hill 01-06-2016 to 22-03-2019. ➤ Member Academic Council, University of Kerala, Dec 2012 to Dec 2016 ➤ Chairman Board of Studies Electronics, University of Kerala 2008 to 2012 ➤ Member workload assessment Committee, directorate of Technical Education, 2016 to 2018 ➤ Coordinator, Technical Education Quality Improvement Programme (TEQIP), Government Engineering College , Idukki, Jan 2014 to June 2014 ➤ TEQIP Procurement Coordinator and Purchase coordinator, Dept of Electronics and Communication Engineering, College of Engineering, Trivandrum 2005 to 2012 ➤ Nodal Officer, Industry Institute Interaction Cell (IIC), TEQIP, GEC, Idukki, June 13 to Jan 2014
--------------------------------------	--

	<ul style="list-style-type: none"> ➤ PG Coordinator, Government Engineering College, Idukki, 2013 to 2014. ➤ Convener curriculum committee, APJ Abdul Kalam Technological University, Thiruvananthapuram, Kerala ➤ IEEE Student Branch Counselor, College of Engineering, Trivandrum, from July 2014 to May 2016 ➤ Organizing Secretary, National Conference on Computing and Communication, GEC, Idukki, March 2014 ➤ Organizing Secretary, National Conference on Communication and Signal processing, GEC, Idukki, March 2014 ➤ Organizing Secretary, National Conference on Energy Power Electronics and Control, GEC, Idukki, March 2014. ➤ Organizing Secretary, National Conference on Information Security and Network Engineering, GEC, Idukki, March 2014 ➤ Coordinator, Sponsorship Committee, MS09, AMSE Conference, 2009 ➤ Coordinator, Publication Committee, International Conference on Control Communication and computing, CCC, 2009 ➤ Member, Organizing committee, CETEX 2015 ➤ Department Coordinator, RUSA, 2014 ➤ Member Organizing Committee of ICTT, 2010 ➤ Chairman Board of Valuation, University of Kerala, 2013,15,16 ➤ Coordinator General Arrangement Committee, National Conference on Technological trends NCTT, 2013 ➤ Technical Programme Committee Co chair ICC, 2013 ➤ Nodal Officer Faculty and Staff Development TEQIP III, GEC, Barton Hill. ➤ Member inspection committee, Kerala University. ➤ Chairman Board of Valuation, KU
Talks Delivered	<ul style="list-style-type: none"> ➤ Introduction to Outcome based Accreditation, Central Polytechnic, Thiruvananthapuram, August 2021. ➤ Introduction to Accreditation and Outcome Based Education, online talk for the faculty of Government Engineering College, Wayanad June 2021. ➤ Introduction to OBE, Joint Directors and Principals of Polytechnics in Kerala, organised by SITTTTR, March 2021 ➤ Introduction to OBE, HoDs and curriculum committee members of Polytechnics in Kerala, organised by SITTTTR, March 2021

<p>Talks Delivered</p>	<ul style="list-style-type: none"> ➤ Advances in Semiconductor Devices, GEC, Idukki, organised as VFS under TEQIP, GEC, Idukki Nov-Dec 2020.. ➤ Bipolar Junction Transistors, online Short Term Training Programme at TKM college of Engineering, Kollam, August 2020. ➤ Outcome Based Education, APJ Abdul Kalam Technological University (to curriculum committee members), May 2019. ➤ Outcome Based Education, 3, 5 July 2019, College of Engineering Trivandrum ➤ Outcome Based Education, Department of electronics and Communication, College of Engineering, Trivandrum, 25-07-2018 ➤ Advances in Semiconductor Physics, Sree Chithra Thirunal College of Engineering, Pappanamcode, Sep 2017 ➤ Physics of Nanoelectronic Devices, Government Engineering College, Barton Hill, April 2014 ➤ Fundamentals of Solid State Devices, College of Engineering, Trivandrum, March 2014 ➤ VLSI Scaling Issues, Saintgits, Pala, Jan 2014 ➤ Introduction to VLSI, LBSIT for Women, Poojappura, September 2013 ➤ VLSI to Nanoelectronics, National Conference at SJC, Palai, 2012 ➤ MOSFET Theory, Government Engineering College, Barton Hill, Oct, 2012 ➤ Nanoelectronic Devices, STC on Nanoelectronics, ECE Dept, CET, Jan 2012 ➤ Single Electron Transistor, STC on Nanotechnology, Marian Engineering College, TVM, Dec 2011 ➤ CMOS Circuit Design, SHM, Kadackal, Sept 2011 ➤ Basics of Semiconductor Devices, LBT, Thiruvananthapuram, Oct 2009 ➤ Scaling in CMOS VLSI, Government Engineering College, Barton Hill, April 2009
-------------------------------	---

Profile of the Faculties

1.Name **ARVEE SUJIL JOHNSON**



Date of Birth 07/05/1968

Gender Male

Mobile No 09447411568

Faculty Type PERMANENT

Designation Professor

Department Civil Engineering

Date of Joining in the Institution 01/06/2000

Qualification(UG) Btech (CIVIL), University of Kerala, 1989

Qualification(PG) MS (By Research) from IIT Madras, 1994

Qualification(Ph. D) Ph.D in Geotechnical Engg from United Kingdom, 1998

Total Experience in years(Teaching) 22

Total Experience in years(Industry) 3

Total Experience in years(Research) 22

Area of Specialisation Geotechnical Engineering

No.of Papers Published(National) 1

No.of Papers Published(International) 3

No.of Papers in conferences(National) 30

No.of Papers in conferences(International) 15


Professional Memberships Seven

Projects Guided in Master's Level

Area of Specialisation	Geotechnical Engg	
University	APJ Abdul Kalam Technological Univerisity	
Student Name	Project Title	Year
Keerthi Kiron	Experimental & Numerical Analysis of Geosynthetic Encase Taped Stone Columns	2020
Agila K	Numerical Analysis & Experimental study on Reinforecement using PVC rod in the vicinity of pressure bulb in sand	2020
Sumisha P.	Experimental study & Numerical Analysis of Cyclic pile load test	2019
Nandana Raj	Numerical Analysis of Battered Piles in Sand	2021
Surya Ramesan	Numerical Study on the Performance of Step-Tapered Piles under different loading conditions	2021

Consultancy Details

SL No	Consultancy	Year
1	soil investigation consultancy - 40lakhs	2018-19
2	soil investigation - 56lakhs	2019-20
3	soil investigation - 35 lakhs	2020-21
4	soil investigation - 60 lakhs	2021-22

2.Name	ASHALATHA R	
Date of Birth	10/09/1973	
Gender	Female	
Mobile No	+919495823647	
Faculty Type	PERMANENT	
Designation	Professor	
Department	Civil Engineering	
Date of Joining in the Institution	01/06/2000	
Qualification(UG)	B.Tech. in Civil Engineering	
Qualification(PG)	M.Tech Traffic and Transportation Engineering	

Qualification(Ph. D)	Civil Engineering
Total Experience in years(Teaching)	22.5
Total Experience in years(Industry)	
Total Experience in years(Research)	22.75
Area of Specialisation	Transportation Engineering
No.of Papers Published(National)	7
No.of Papers Published(International)	16
No.of Papers in conferences(National)	29
No.of Papers in conferences(International)	13
Professional Memberships	The Indian Roads Congress, The Institute of Urban Transport (India), The Indian Society for Technical Education, The Indian Geo-technical Society, Kochi Chapter

Ph.D's Guided

Area of Specialisation	Transportation Engineering	
University	University of Kerala	
Student Name	Thesis Title	Year
Salini S	Effect of Side Frictions on Traffic Flow Characteristics of Urban Roads	2020
Preethi P	Capacity Analysis and Performance Evaluation of Signalized Intersections	2020
Praveen P.S.	Effect of Traffic Heterogeneity on Coordinated Signals	2022

Projects Guided in Master's Level

Area of Specialisation	Transportation Engineering	
University	APJ Abdul Kalam Technological University	
Student Name	Project Title	Year
Rahul P	Saturation Flow, Surge Flow and Queue Length Estimation at Signalized Intersections	2021
Anisha V	i-Rap Assessment of Safe Corridor Demonstration Project from (SCDP) Kazhakootam Road to Adoor along NH 66	2021
Goutham M.N.	Estimation of parameters of uncontrolled intersections under heterogeneous traffic	2020
Arun Sagar K.M.	Prediction of overtaking probability and risk analysis along undivided road under heterogeneous traffic	2020
Sreelakshmi S	Determination of Impacts of Bus Stops on Traffic Flow : A Simulation Approach	2015
Sethu Parvathy K S	Effect of Warm Mix Asphalt Additives on Reclaimed Asphalt Pavements	2015
Rashid A	Laboratory Investigations on Reclaimed Asphalt Pavements	2014

Sherin George	Effect of Road side Friction on Level of Service of Urban Roads	2014
Gopika Unni	Optimisation of bus stop locations using a GIS platform	2013
Sethulekshmi	Determination of Passenger Car Units and Level of Service of urban roads based on acceleration noise	2013
Renji Babu	Development of a Web Based Traveller Information System	2012
Neethu Prakash	Influence of Bus Stops on Traffic Flow Characteristics of Urban Roads	2012
Arun Baby Zacharia	Simulation of Traffic Flow at Three Legged Intersection using Cellular Automata	2010
Anitha, K.R.	Effects of RBI Grade 81 on various Types of Subgrade Soil.	2009
Manjusha M	Design of Traffic Signal Coordination using Fuzzy Logic	2008
Prasanth, K	Application of Maximum Likelihood Technique in the Estimation of Critical Gap at Uncontrolled Intersections	2003
Kala P	Driver Behaviour at Uncontrolled T- Intersections in Mixed Traffic Situations	2002
Jyothy, M.G.	Effect of Road Side Frictions on the Level of Service of Urban Roads	2001

3.Name **Dr. BEENA K P**



Date of Birth	30-05-1972
Gender	Female
Mobile No	9645923362
Faculty Type	PERMANENT
Designation	Professor
Department	Civil Engineering
Date of Joining in the Institution	01-06-2001
Qualification(UG)	BTech in Civil Engineering
Qualification(PG)	M Tech in Structural Engineering
Qualification(Ph. D)	PhD in Structural Engineering
Total Experience in years(Teaching)	20 Years
Total Experience in years(Industry)	1 year
Total Experience in years(Research)	14 Years

Area of Specialisation	Structural Engineering
No.of Papers Published(National)	0
No.of Papers Published(International)	6
No.of Papers in conferences(National)	9
No.of Papers in conferences(International)	8
Professional Memberships	ISTE,CSI,ASCE

Ph.D's Guided

Area of Specialisation	Structural Engineering	
University	Kerala University	
Student Name	Thesis Title	Year
Ajith M S	Experimental studies on behaviour of semi rigid connection in steel beams to cft columns under cyclic loading	2022

Projects Guided in Master's Level

Area of Specialisation	Structural Engg	
University	Kerala University	
Student Name	Project Title	Year
Sreerag R K	Analysis of Layered Fibre Composite plates using SFSM and First Order Shear Deformation Theory	2009-11
Parvathy U	Analysis of Functionally Graded plates using SFSM	2011-13
Byju V	Linear Buckling Analysis of Functionally graded plates	2012-14
Renjith George	Bending Analysis of Functionally Graded Plates Using Higher Order Shear Deformation Theory	2013-15
Shinitha Varghese	Study on Performance of Periodic Foundation in Base Isolation	2014-16
Swathi Krishna	Buckling Analysis of Functionally Graded Plates Using Higher Order Shear Deformation Theory	2015-17
Bijeesh D	Feasibility Study of Piled Raft Foundation as an alternative to Pile Foundation	2016-18
Mathew M John	Performance of vertical joints between two glass fibre reinforced gypsum wall panels	2015-18
Sreeshma P U	Numerical Study on Circular Column Beam Exterior Joint Using Split Bolt Assembly	2017-19
Rohit Ravikumar	Analysis and Design of R.C Structures for Progressive Collapse	2018-20
Haripriya S	Investigation on the effect of facade appurtenance of high rise buildings on wind pressure distribution	2018-20

Papers published in International Journals

SL No	Title	Year
--------------	--------------	-------------

1	1. M. S. Ajith , K. P. Beena, & S. Sheela (2020), "Effect of bond and bidirectional bolting on hysteretic performance of through bolt CFST connections" Earthquakes and Structures, Vol. 19, No. 5 (2020) 000-000 DOI: https://doi.org/10.12989/eas.2020.19.5.000	2020
2	2. K. P. Beena, M. S. Ajith & S. Sheela (2020), 'Hysteresis performance of through bolted connections in CFST frame' , Asian Journal of Civil Engineering 21:1369 – 1388 ISSN 1563-0854 https://doi.org/10.1007/s42107-020-00284-6	2020
3	3. Ajith M. S., Beena K. P., S. Sheela (2018), 'Comparative Study on Hysteretic Performance of Semi Through Connection in CFT Beam Columns Joint', International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, Volume-8, Issue- 2C, December 2018	2018
4	4. K P Beena and U Parvathy. Linear Static analysis of Functionally Graded Plate using Spline Finite Strip Method. "Composite Structures". Vol 117(2014), PP. 309-315	2014
5	5. Parvathy U and Beena K P Spline Finite Strip Bending Analysis of Functionally Graded Plates using Power law function. "International Journal of Scientific and Engineering Research". Vol 4 (5) May 2013, PP. 166-169.	2013
6	6. Beena, K. P. and Kalyanaraman, V. Adaptive r-refinement for analysis of plates using Spline Finite Strips, International Journal of Earth Sciences and Engineering, Vol.03(sp), No.2, March 2010, PP. 186-195.	2010

Papers published in National Conferences

SL No	Title	Year
1	Sreeshma P U and Beena K P (2020) "A Numerical Study On The Seismic Response Of Circular Cfst Column-Beam Exterior Joint With Split Bolt Assembly" Indian Structural Steel Conference (ISSC 2020)	2020
2	Swathikrishna S and Beena K P (2017), "Buckling Analysis of Sigmoid Functionally Graded Plates using Higher order shear deformation theory", 18th National Conference on Technological Trends(NCTT 2017) organized by College of Engineering Trivandrum during 21-22 July 2017. "Got best paper award in the area of structural Engineering".	2017
3	Shinita Varghese and Beena KP (2016), "A study on the effect of Periodic Foundation in Base Isolation using SAP 2000", National Conference on Technological Trends(NCTT 2016) organized by College of Engineering Trivandrum during 19th to 20th December 2016 "	2016
4	Renjith J George and Beena KP (2015), "Bending Analysis of Functionally Graded Plates using Higher order shear deformation theory", National Conference on Technological Trends(NCTT 2015) organized by College of Engineering Trivandrum during September 2015. "Got best paper award in the area of structural Engineering"	2015
5	Byju V and Beena K P Linear Buckling Analysis of Functionally Graded Plates. National Conference on Technological Trends(NCTT 2014) organized by College of Engineering Trivandrum from 22-23 August 2014. "Got best paper award in the area of structural Engineering"	2014
6	Parvathy U and Beena K P. Sigmoid Idealisation for the Bending Analysis of Functionally Graded Plate. Proceedings of 14th National Conference on Technological Trends(NCTT 2013) organized by College of Engineering Trivandrum from 30-31 August 2013.	2013
7	Parvathy U and Beena K P. Bending Analysis of Functionally Graded Plate Using Spline Finite Strip Method Proceedings of 13th National Conference on Technological Trends(NCTT 2012) organized by College of Engineering Trivandrum, 19-20 August 2012. "Got best paper award in the area of structural Engineering"	2012
8	Sreerag R K and Beena K P. Spline Finite Strip Formulation for the analysis of Laminated Composite Plates using First order Shear Deformation Theory. Proceedings of 12th National Conference on Technological Trends (NCTT 2011) organized by College of Engineering Trivandrum, 19-20 August 2011	2011
9	Beena, K. P. Adaptive Modelling of Non-symmetric Composite plates using spline finite strip method Student Symposium on	2009

10	Beena, K. P. and Kalyanaraman, V. Adaptive Spline Finite Strip Method. Proceedings of the Sixth structural engineering convention- SERC, December 18-20, 2008.	2008
----	--	------

Papers published in International Conferences

SL No	Title	Year
1	Ajith M S, Beena K P, S. Sheela (2017) " Experimental Investigation on Hysteretic Performance of Semi Through connection in CFT Columns under cyclic loading", Proceedings of the Second International Conference on Systems, Energy and Environment(ICSEE 2017) organised by Government College of Engineering, Kannur during 15-16 December 2017.	2017
2	Swathikrishna S and Beena K P (2017), "Buckling Analysis of Functionally Graded Plates using Higher order shear deformation theory", 4th International Conference on Materials Mechanics and Management, College of Engineering Trivandrum during 13, 14 &15th July 2017.	2017
3	Byju V and Beena K P (2014), "Spline finite strip buckling analysis of functionally graded plates", First international Conference on Ingenious Technologies and Sustainable Development in Civil Engineering, Noorul Islam University, Tamil Nadu, 8th October 2014.	2014
4	Byju and Beena K P (2014), "Linear Buckling Analysis of Functionally Graded Plates Using Power-Law Function", 2nd International Conference on Materials Mechanics and Management, College of Engineering Trivandrum, 17-19 December 2014	2014
5	Parvathy U and Beena K P. Exponential Idealisation for the Bending Analysis of Functionally Graded Plates Proceedings of 2nd International Conference on Modelling and Simulation (ICMS13) organized by T K M College of Engineering Kollam December12-14, 2013.	2013
6	Beena, K. P. and Kalyanaraman, V. Adaptive Finite Strip Analysis of Layered Fibre Composite Plates. 17th International Conference on Composites/Nano Engineering (ICCE-17), Hawaii, USA 26th July to 1st August, 2009.	2009
7	Beena, K. P. and Kalyanaraman, V. Post buckling analysis of laminated fibre composite plates using secant matrix formulation in spline finite strip method. Third International Congress on Computational Mechanics and Simulation (ICCMS09), IIT Bombay, Powai, Mumbai, on 1-5 December, 2009.	2009

4.Name **Dr. Bindhu K.R.**



Date of Birth	12/04/1967
Gender	Female
Mobile No	09495239156
Faculty Type	PERMANENT
Designation	Professor
Department	Civil Engineering
Date of Joining in the Institution	31/10/2000

Qualification(UG)	B. Tech Degree in Civil Engineering
Qualification(PG)	M.Tech Degree in Structural Engineering
Qualification(Ph. D)	Ph.D. in Civil Engineering
Total Experience in years(Teaching)	21 years 4 months
Total Experience in years(Industry)	4 years
Total Experience in years(Research)	21 years 4 months
Area of Specialisation	Structural Engineering
No.of Papers Published(National)	13
No.of Papers Published(International)	31
No.of Papers in conferences(National)	29
No.of Papers in conferences(International)	28
Professional Memberships	ISTE LM 31277,IEI-M-135040-9,ICILM9960,ISET LM1556,ISNT LM9694TV

Ph.D's Guided

Area of Specialisation	Structural Engineering	
University	University of Kerala	
Student Name	Thesis Title	Year
Vandana R.K.	STATISTICAL MODELLING OF RCC INTERIOR BEAM COLUMN JOINTS SUBJECTED TO REVERSE CYCLIC LOADING	2017
Mitra D.C.	IMPROVEMENT OF SEISMIC RESISTANCE PARAMETERS OF RCC COLUMNS	2019

Projects Guided in Master's Level

Area of Specialisation	Structural Engineering	
University	Kerala University	
Student Name	Project Title	Year
Ablemon J.L.	Fundamental Period of Moment Resisting Frames	2002
Sujatha A.	Seismic Response of Elevated Water Tank	2009
K.J. Sreekumar	Seismic Behaviour of Exterior Beam Column Joints	2009
Nidhi M	Adaptive Pushover Analysis for RC Buildings	2011
Mohana	Seismic Strengthening of Non Ductile Exterior Beam Column Joints	2011
S. Jayakumar	Influence of Response Reduction Factor on the Behaviour of Columns	2012

Tony Jose	Seismic Retrofitting of Exterior Beam Column Joints of Ductile RC Structures	2012
V Vysakh	A Study of Reinforcement Detailing of Interior Beam Column Joints	2012
Susan Paulose	Seismic Behaviour of Interior Beam Column Joints Under Reverse Cyclic Loading	2015
Justin mathew	Health Monitoring and Maintenance Management System for Civil Engineers	2016
Reshma Rajendran Nair	Behaviour of Engineered Cementitious Composite Deep Beams	2016
Reshma M Raju	Cyclic Behaviour of UHPC Shear Wall with Welded Wiremesh	2016
Sarath S	Experimental Study on Seismic Performance of Buckling Restrained RC Columns with Different Longitudinal and Transverse Reinforcement Ratio	2017
Shahina	Behaviour of Ultra High Performance Column with Different Tie Configuration and Transverse Reinforcement Ratio Subjected to Cyclic Loading	2017
Madhuri K.G.	Performance of Shear Wall with Debonded Reinforcement	2018
Manod K.M.	Cyclic Behaviour of UHPC Slender Shear Wall With Debonded Reinforcement	2018
Reshma Raveendran	Effect of Glass-Powder on Concrete Properties as a Cementing Material	2019
Arsha S.	Influence of glass powder on flexural and shear behaviour of reinforced concrete beams-Numerical and Experimental study	2020
Bhagyalekshmi S.	Numerical Study on the Strength and Fracture properties of Glass Powder Concrete	2021
Ms. Anagha Krishnan Nambissan	Seismic performance of circular columns with shape memory alloy and engineered cementitious composites in critical region	2021
Sreenath T.J.	Study on stress-strain behaviour of ultra-high-performance concrete	2021
Shajahan A.	Study on Behaviour of RC shear wall with welded wire mesh using finite element analysis	2021

Papers published in National Journals

SL No	Title	Year
1	V.K. Manicka Selvam and K.R. Bindhu, A review of the Seismic Coefficient Method Used in Earthquake Design of Tall Concrete Buildings, Journal of Structural Engineering, Vol.21, No.3, October 1994, pp 221-225	1994
2	Dr.K.P.Jaya, K.R. Bindhu, and M.Srinivasan, Effect of Reinforcement Percentage on the Cyclic Behaviour of Columns, IE(I) Journal (CV), Volume 89, Nov 2008, pp 39-47	2008
3	Bindhu K.R., Jaya K.P. and Manicka Selvam V.K., Behaviour and Strength of Exterior Joint Sub Assemblages Subjected to Reversal Loadings, The Indian Concrete Journal, Nov 2009, pp 9-20	2009
4	Performance of exterior beam column joint under seismic type loading,K.R.Bindhu, P.M. Sukumar and K.P.Jaya,ISET Journal of Earthquake technology, Volume 46, No.2, June 2009, PP 47-64.	2009
5	Decomposition Technique for lateral load analysis of building frames,V.K. Manicka Selvam and K.R. Bindhu,Institution of Engineers,India,Vol.90, February 2010, PP 13-18.	2010
6	Seismic Response of Elevated Water Tank,Bindhu K.R, Sujatha A, M Sreekumar,The IUP Journal of Structural Engineering Icfai, Vol. 5(1), January 2012, PP 1-23	2012
7	An elucidation on the method of real work used in finding the displacement indeterminate structures,V.K. Manicka Selvam ,K.R. Bindhu, and Pattabhiraman S., The IUP Journal of Structural Engineering Icfai, April 2013, PP 53-71.	2013
8	Computation of Flexural deflection in beams using Claypeyron.s work equality,V.K. Manicka Selvam and K.R. Bindhu,Journal of Structural Engineering (Madras),SERC-Vol.40,No.5, December2013-January 2014, PP 447-485.	2014

9	Computation of deflection and slope in beams by using Maxwells-Betti theorem,V.K. Manicka Selvam and K.R. Bindhu,Journal of Structural Engineering (Madras),SERC-Vol.41,No.3, August-September 2014, PP 279-286.	2014
10	Application of double integration method and the Maxwell - Betti theorem-A supplement note,V.K. Manicka Selvam and K.R. Bindhu,Journal of Structural Engineering (Madras), SERC,Vol.41,No. 4, October - November 2014, PP 420-431.	2014
11	Critical load of determinate non-prismatic columns,V.K. Manicka Selvam and K.R. Bindhu,Journal of Structural Engineering (Madras), SERC, Vol.42,No. 3, Aug - Sept 2015, PP 273-276.	2015
12	Elucidation on the application of principle of stationary potential energy method to structural analysis problems,V.K. Manicka Selvam and K.R. Bindhu,Journal of Structural Engineering (Madras), SERC, Vol 43, No.4, Oct-Nov 2016, PP 408-411.	2016
13	Behaviour of RC interior beam column joints with diagonal bars under reverse cyclic loading,Bindhu, K. R.,Vysakh, V. and Vandana, R.K.,Journal of Structural Engineering (Madras), SERC, Vol. 44, No. 5, November 2017, PP 439-465.	2017

Papers published in International Journals

SL No	Title	Year
1	Performance of exterior beam column joints with cross-inclined bars under seismic type loading,K.R. Bindhu and K P Jaya,Journal of Engineering and Applied Sciences, Vol.3, No.7, 2008, PP 591-597.	2008
2	Seismic resistance of exterior beam-column joints with non-conventional reinforcement detailing,Bindhu K.R., Jaya,K.P and ManickaSelvam,V.K.,Journal of Structural Engineering and Mechanics, An International Journal, Vol. 30(6), 2008, PP 733-761.	2008
3	Strength and behavior of exterior beam column joints with diagonal cross bracing bars,K.R. Bindhu and K.P. Jaya,Asian Journal of Civil Engineering (Building and Housing), Vol.11, No.3 2010, PP 397-410.	2010
4	A novel general approximate method for lateral load Analysis of multistorey building frames,V.K. Manicka Selvam and K.R.Bindhu,International journal of earth science and engineering, Vol.4(1), 2011, PP 104-111.	2011
5	Split frame method for lateral load analysis of short frames,V.K. Manicka Selvam and K.R.Bindhu,International Journal of Civil and Structural Engineering, Vol 1, No.4, 2011, PP 835-843	2011
6	Seismic Resistance of Exterior Beam Column Joint with Diagonal Collar Stirrup,Bindhu K.R and Sreekumar K.J.,International Journal of Civil and Structural Engineering, Vol 2, No.1, 2011, PP 160-175.	2011
7	Preliminary Stability Investigation of Multistorey Plane Frames,Manicka Selvam V.K and Bindhu K.R.,International journal of earth science and engineering- Vol. 5 (3) June 2012, PP 535-539.	2012
8	Distribution of Shear to the Columns of Short Multistorey Building Frames Subjected to Lateral Loads,Manicka Selvam V.K and Bindhu K.R.,International Journal of Civil and Structural Engineering- Vol. 2(3), February 2012, PP 699-710.	2012
9	Seismic strengthening of exterior RC beam-column joints by advanced ferrocement jacketing,Kannan P, Sivakumar S and Bindhu K. R.,International Journal of Innovative Research in Science, Engineering and Technology, Vol.2 (1) 2013, PP 53-58.	2013
10	Determination of Performance Point in Capacity Spectrum Method,V Vysak, Bindhu K.R. and Rahul Leslie,International Journal of Innovative Research in Science, Engineering and Technology, Vol.2 (1) 2013, PP 167-173.	2013
11	Study on the effect of hook length in RC column subjected to cyclic loading,Gopika Mohan, Mitra	2013

12	Split frame method for the analysis of tall moment resisting frames subjected to lateral load, Manicka Selvam V.K Bindhu K.R., International Journal of Civil and Structural Engineering-Vol.3(4), Dec 2013, PP 237-247.	2013
13	Cantilever method of analysis of slender tall building using displacement approach, Manicka Selvam V.K and Bindhu K.R., International journal of earth science and engineering- Vol. 7(2), April 2014, PP 720-725.	2014
14	Retrofitting of Non- ductile Exterior Beam Column Joints by RC jackets with U bars and Collar bars, Kannan P. Sivakumar S., and Bindhu K. R., International Journal of Scientific and Engineering Research, 5(7), 2014, PP 550-554.	2014
15	RCC interior beam column joints under reversed cyclic loading State of the Art, Vandana, R.K. and Bindhu, K.R., International Journal of Scientific and Engineering Research, 5(7), 2014, PP 519-526.	2014
16	Performance of RC Columns with debonded bars subjected to cyclic lateral loading, D.C. Mitra and K.R. Bindhu, Structural Design of Tall and Special Buildings- Dec 2015, (John Wiley and Son's Limited), PP 626-642.	2015
17	New Reinforcement Detailing for Concrete Jacketing of Non Ductile Exterior Beam Column Joints, Bindhu K. R., Mohana and Sivakumar S., ASCE Journal of Performance of constructed facilities Vol.30(1), 2016, PP 14192- 9-1.	2016
18	Influence of geometric and material characteristics on the behaviour of reinforced concrete beam-column connections, Vandana, R.K. and Bindhu, K.R., Canadian Journal of Civil Engineering 44(5):2017, PP 377-386.	2017
19	A new model for failure mode of reinforced concrete interior beam column joints under seismic loading, Vandana, R.K. and Bindhu, K.R., and Baiju K.V., Asian journal of civil engineering (BHRC), 18 (2), 2017, PP 235-253.	2017
20	Probabilistic model for shear strength of RC interior beam-column joints, Vandana, R.K. and Bindhu, K.R., Journal of Earthquake Engineering, Taylor & Francis Published online: 26 Jul 2018, PP 1-20.	2018
21	Seismic Performance of RC short Columns with Buckling Restraint Reinforcement, Mitra D.C and Bindhu K.R., Magazine of Concrete Research, ICE, 2019, PP 1-12.	2019
22	Concrete Jacketing Using Diagonal Collars for Exterior Beam Column Joints, Bindhu K.R, Tony Jose and Sivakumar S., Journal of Structural Engineering, its Applications and Analysis 3 (2), 2020.	2020
23	Influence of Buckling Restrained Reinforcement on Behavior of Columns, Mitra D.C. and Bindhu K.R., Practice Periodical on Structural Design and Construction, Vol 25, Issue 4, Nov 2020.	2020
24	Performance of Reinforced Concrete Columns confined with Spiral Reinforcement, Mitra D.C. and Bindhu K.R., Structural Design of Tall and Special Buildings- Dec 2021 (John Wiley and Son's Limited), e1851	2021
25	Seismic behaviour of UHPC columns with various tie configurations, Bindhu K.R., S. Ansari and M.S. Vaisakh, Asian Journal of Civil Engineering (Building and Housing), Apr 2021, PP 1097-1113.	2021
26	Performance of Concrete Column using Welded Wire Mesh as Lateral Ties Subjected to Lateral Loading, Dr. Bindhu K. R and Mitra D. C., ASCE -Practice Periodical on Structural Design and construction, Vol 27, Issue 1, Feb 2022.	2022

Papers published in National Conferences

SL No	Title	Year
1	Fundamental period of moment resisting frame, Ablemon J.L. & Bindhu. K.R., National Seminar on Recent trends in Technological advancement, Trivandrum, May 2002, pp. 30-33.	2002
2	Modeling of interior beam-column joint for seismic type loading, Bindhu K.R & Jaya K P., National Conference on Earthquake risk assessment and management, Feb 2007, pp. 82-87.	2007

3	Seismic detailing of exterior beam column joint,Sukumar P M, Bindhu K.R & Jaya K P.,National Seminar on Modern trends in structural design& construction practice, March 2007, pp. 53-64	2007
4	Behaviour of specially detailed beam-column joint,J Sathishkumar, K.R Bindhu& Jaya K P.,National Conference on Steel and Aluminium concrete composites, April 2008, Hindustan Engg. College, Chennai, pp. 31-37.	2008
5	Finite Element Modelling of Exterior Beam Column Joint with Diagonal Confining Bars under Lateral Loading,Bindhu K.R& Jaya K P,Performance of Disaster Resistant Structures 7th and 8th May 2009, Anna University, Chennai, pp. 47-54	2009
6	The influence of masonry infill in RC multi-storey buildings,Sujatha A, Jiji Anna Varughese and Bindhu K.R.,10th NCCT November 2009, College of Engineering, Trivandrum, pp. 153-158.	2009
7	Comparison of Adaptive Pushover analysis with the Conventional Pushover Analysis using generic frames,Nidhi M, Bindhu K. R. and Rahul Leslie,12th NCCT August 19- 20, 2011, College of Engineering, Trivandrum, pp. 237-243	2011
8	Performance Enhancement of Deficient Exterior Beam Column Joints by concrete Jacketing,Mohana, K R Bindhu and S. Sivakumar,13th NCCT ,10-11 August 2012, College of Engineering Trivandrum, Paper ID No. 107.	2012
9	Retrofitting of Exterior Beam Column Joints of ductile R C Structures,Tony Jose, K R Bindhu and S. Sivakumar,13th NCCT ,10-11 August 2012, College of Engineering Trivandrum Paper ID No. 113.	2012
10	Influence of Response Reduction Factor on the Behaviour of Columns,Jayakumar, K R Bindhu and D C Mitra,13th NCCT ,10-11 August 2012, College of Engineering Trivandrum, Paper ID No. 218	2012
11	Evaluation of Damage Indices for RC Exterior beam column Joint,Shyma S, Sivakumar S and Bindhu K.R.,14th NCCT ,30-31 August 2013, College of Engineering Trivandrum, pp. 946-951	2013
12	Seismic performance of RC Columns with Buckling Restraining Casing,Lesly Varghese, Mitra D.C and Bindhu K.R.,14th NCCT ,30-31 August 2013, College of Engineering Trivandrum, pp. 975-980.	2013
13	Flexural Behaviour of ECC Beams under Two Point Loading,AmeenaAhamed, Sunitha S, P Vinod and Bindhu K.R.,14th NCCT,30-31 August 2013, College of Engineering Trivandrum, pp. 969-972.	2013
14	A Study on Conventional and Non-Conventional Reinforcement Detailing of Interior Beam Column Joint,V Vysakh and Bindhu K. R.,15th NCCT ,22-23 August 2014, College of Engineering Trivandrum, pp. 7-11.	2014
15	Retrofitting of Non-Ductile Exterior Beam Column Joint by RC Jacketing with U-Bars,Kannan. P, Sivakumar S and Bindhu K. R.,15th NCCT ,22-23 August 2014, College of Engineering Trivandrum, pp. 370- 375.	2014

Papers published in International Conferences

SL No	Title	Year
1	Influence of response reduction factor in detailing of R.C -beam column joints.,Bindhu K.R & Jaya K P.,International Conference on Recent development in Structural Engg. Manipal, Sep, 2007, pp. 1201-1208.	2007
2	Effect of diagonal confining reinforcement on the performance of exterior beam-column joint,Bindhu K.R& Jaya K P.,Structural Engg Convention-December 2008, SERC, Chennai, Invited paper No.6	2008
3	Studies on the performance of rubberized RC beam-column joints strengthened using concrete jacketing technique,Amal K Sajeev, S Sheela and Bindhu K.R.,11th National and 1st International Conference on Technological Trends, 25 to 27 November 2010, Trivandrum, India, pp. 246-252	2010
4	Behaviour of RC columns subjected to lateral loading,Mohana and Bindhu K.R.,ICIWSE-2010,	2010

5	Adaptive Pushover Analysis for RC Buildings Considering Generic Frames, Bindhu K. R., Nidhi M. and Rahul Leslie, 15th World Conference on Earthquake Engineering-, Libson, Portugal, 2012, Paper No.2806.	2012
6	Effect of collar Stirrups on the performance of exterior beam column joint, Bindhu K. R, K. J. Sreekumar and Sudha P V., ICEQRCP 2012, July 27-28, 2012 International Conference on Earthquake Resistant Construction Practices, Dr. M. G. R. University, Adayalampattu, Chennai, pp. 301-311.	2012
7	Seismic damage assessment of exterior beam-column joint, Shyma S, Sivakumar S, Bindhu K R and Sudha P V., ICGT-2012, International Conference on Green Technologies, pp. 203-207.	2012
8	A comparative Study on the Flexural Behaviour of RCC and R/ECC Beams, Ameena Ahamed, Sunitha S, Vinod P, and Bindhu K.R., (ICGT-2012), Mar Baselios College of Engineering, Trivandrum. Published in IEEE transactions, pp. 223-227.	2012
9	Study on the Effect of Hook Length in RC Column Subjected to Cyclic Loading., Gopika Mohan, Mitra D.C. and Bindhu K.R., International Conference on Energy and Environment ICEE 2013 December 12-14, 2013, RIT Kottayam, Kerala, India.	2013
10	RCC Interior Beam Column Joints under reversed cyclic loading – State of the Art, Vandana R. K. and Bindhu K. R., IMMM- 2014, College of Engineering, Trivandrum pp. 530-537.	2014
11	Retrofitting of Non-Ductile Exterior Beam Column Joints by RC jackets with U-Bars and collar bars, Kannan P, Sivakumar S. and Bindhu K. R., IMMM- 2014, College of Engineering, Trivandrum, pp. 561- 565.	2014
12	Concrete Jacketing of the deficient exterior beam column joint with one-way spiral ties, Bindhu K., R, Mohana and Sivakumar S., 9th Structural Engineering Convention – 2014, IIT Delhi, pp.2071-2083.	2014
13	Statistical Failure Mode Models for the Design of RC Interior Beam Column Sub assemblages, R. K. Vandana and K. R. Bindhu, 9th Structural Engineering Convention, IIT Delhi. Bloomsbury Publishing India Pvt. Ltd., 2015, pp. 2969-2984.	2015
14	Effect of concrete characteristics on the behaviour of shear wall under cyclic loading, International Conference on Information Systems, Energy, Environment and Safety, Anisha Thomas and Bindhu K.R., Emerging Scenarios ISEES 2016, pp.94-98.	2016
15	Effect of bundled longitudinal bars on behaviour of RC column subjected to quasi static cyclic loading, Mitra D.C. and Bindhu K.R., International Conference on Information Systems, Energy, Environment and Safety- Emerging Scenarios ISEES 2016, pp 52-57.	2016
16	Cyclic behaviour of hybrid fibre reinforced ECC column, Abhijith N. Vijayan, S. Sunitha, P. Vinod and Bindhu K.R., International Conference on Materials, Mechanics and Management 2018, pp 147-151.	2018
17	Comparative study of reinforced concrete columns with square spiral as transverse reinforcement with conventional ductile column, Reshma S. Raj. Mitra D.C. and Bindhu K.R., International Conference on Materials, Mechanics and Management 2018, pp 538-543.	2018
18	Seismic Performance of Shear Wall with Debonded Reinforcement, Bindhu K.R., Anisha Thomas and Madhuri K.G., (UCC 417), UKIERI Concrete Congress, Dr.B.R.Ambedkar National Institute of Technology Jalandhar India, 2019	2019
19	Durability studies of concrete with waste-glass powder as supplementary cementitious material, Deepa Paul, S.Arsha and K.R.Bindhu, International Conference on multifunctional and hybrid materials for chemical process, energy, environment and medical applications at NIT Trichy, ICHMCEE 2019, pp 96.	2019
20	Seismic behaviour of reinforced engineered cementitious composite exterior beam-column	2019

joint, Anjana Prasad, S. Sunitha, K.R. Bindhu and P. Vinod, International Conference on multifunctional and hybrid materials for chemical process, energy, environment and medical applications at NIT Trichy, ICHMCEE 2019, pp 97.

21	Study on behaviour of welded and bolted T-joints in circular hollow sections, Biju V., Dr. Bindhu K.R. and Dr. Lalumangal, International Conference on innovative trends in civil engineering for sustainable development at NIT Warangal, ITCSD 2019, pp 50-51.	2019
22	Potential use of waste-glass powder in concrete: State of the art, Deepa Paul and Bindhu K.R., International Conference on innovative trends in civil engineering for sustainable development at NIT Warangal, ITCSD 2019, pp 129-130.	2019
23	Shape memory alloy bars as internal reinforcement in structural elements- A review paper, Gisha George and Bindhu K.R., International Conference on innovative trends in civil engineering for sustainable development at NIT Warangal, ITCSD 2019.	2019
24	Cyclic Behaviour of Hybrid Fibre Reinforced ECC Column, Abhijit N Vijayan, S. Sunitha, P. Vinod and K.R. Bindhu, Recent Advances in Materials, Mechanics and Management, 2019.	2019
25	Study on behaviour of cast steel K-joints in circular hollow sections, V Biju, K R Bindhu and Lalu Mangal, Conference Series Earth and Environmental Science 491(2020), IOP Publishing Ltd, 10.1088/1755-1315/491/1/012024	2020
26	Seismic behaviour of ultra high performance concrete shear wall with welded wire mesh, K.R. Bindhu, R.M. Raju, A. Thomas and M. Sreekumar, Proceedings of the 17th World Conference on Earthquake Engineering (17 WCEE) Sendai, Japan, 13-18 September 2020	2020
27	Behaviour of ultra high performance concrete slender shear wall with de-bonded reinforcement subjected to seismic type loading, K.R. Bindhu, K.M. Manod, A. Thomas and M. Sreekumar, Proceedings of the 17th World Conference on Earthquake Engineering (17 WCEE) Sendai, Japan, 13-18 September 2020	2020
28	Influence of Tie Configuration on the Seismic Behaviour of Ultra High Performance Concrete, Bindhu K.R., Shahina Ansari & Vaisakh M.S., 12th Structural Engineering Convention (SEC 2020+1)	2021
29	Mechanical Properties of Concrete with Coconut Shell and Fibre as Additives, Bindhu. K.R, Abiya B, Hasna Haneef, Jinu David, Justin Mathew Joseph, Proceedings of International Web Conference in Civil Engineering for a Sustainable Planet (ICCESP 2021)	2021
30	Numerical study of the column reinforced with shape memory alloy, Gisha George, K.R. Bindhu, Anagha Krishnan, International Conference on Structural Engineering and Construction Management (SECON21)	2021

5. Name Dr. GIRIJA K.



Date of Birth 30/05/1970

Gender Female

Mobile No 9496178255

Faculty Type PERMANENT

Designation Professor

Department	Civil Engineering
Date of Joining in the Institution	11/12/2003
Qualification(UG)	BTech
Qualification(PG)	MTech
Qualification(Ph. D)	Ph.D
Total Experience in years(Teaching)	19
Total Experience in years(Industry)	7
Total Experience in years(Research)	15
Area of Specialisation	Structural Engineering
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	ISTE

6.Name **Dr. Jayasree P K**



Date of Birth	07/05/1974
Gender	Female
Mobile No	9447205324
Faculty Type	PERMANENT
Designation	Professor
Department	Civil Engineering
Date of Joining in the Institution	01/06/2000

Qualification(UG)	B Tech
Qualification(PG)	M Tech
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	21
Total Experience in years(Industry)	0
Total Experience in years(Research)	20
Area of Specialisation	Geotechnical Engineering
No.of Papers Published(National)	5
No.of Papers Published(International)	12
No.of Papers in conferences(National)	55
No.of Papers in conferences(International)	17
Professional Memberships	3

7.Name **Dr. Jeenu G**



Date of Birth	30/03/1971
Gender	Female
Mobile No	09447657397
Faculty Type	PERMANENT
Designation	Professor
Department	Civil Engineering
Date of Joining in the Institution	01/06/2000
Qualification(UG)	B.Tech in Civil Engineering

Qualification(PG) M.Tech in Structural Engineering and Construction Management

Qualification(Ph. D)	Ph. D in Civil Engineering
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	3
Total Experience in years(Research)	0
Area of Specialisation	Structural Engineering
No.of Papers Published(National)	1
No.of Papers Published(International)	3
No.of Papers in conferences(National)	8
No.of Papers in conferences(International)	10
Professional Memberships	ISTE, ICI

Projects Guided in Master's Level

Area of Specialisation	Structural Engineering	
University	Kerala University	
Student Name	Project Title	Year
Sajitha Beegom	A study on the influence of infill concrete strength on the behavior of short concrete filled tubular columns	2002
A. Cinemole	A comparative study of SCC and CVC beams in flexure	2004
Reji U R	Effect of hybrid fibres on Self Compacting Concrete	2006
Arun K V	Coir fibre reinforced concrete	2008
Sreepriya A	Fly Ash Based Geopolymer concrete	2009
John Jeevan Joseph	Flexural and cracking behaviour of steel fibre reinforced composite beams	2011
Divya A V	Fracture Parameters of High Performance Concrete	2011
Sreedhari A	Size effect on flexural behaviour of reinforced high strength concrete beams	2013
Bebin Mathew	Effect of Crimped Steel Fibre on Shear-Flexure behaviour of Partially Prestressed Concrete Beams	2015
Sreelekshmi	Shear-Flexure Behaviour Of Partially Prestressed Basalt Fibre Reinforced Concrete Beams	2018
Sachin B	Shear-Flexure Behaviour Of Partially Prestressed Basalt Fibre Reinforced Concrete Beams	2019
Reshmi Maria Jose	Flexural and bond behaviour of high strength concrete reinforced with BFRP bars	2020
Arunima R T	SHEAR- FLEXURAL BEHAVIOUR OF PARTIALLY PRESTRESSED CONCRETE BEAMS	2016
Abhasree Nair	A study on flexural behaviour of prestressed flowable concrete	2015
Jithu Raj R	Flexural behaviour of Ultra High Performance Concrete Composite beams	2010

Akshara K	FLEXURAL BEHAVIOUR OF CONCRETE BEAMS REINFORCED WITH STEEL-FRP COMPOSITE BARS	2021
Saju S B	ANALYSIS OF FRP-STRENGTHENED RC BEAMS USING AN ARTIFICIAL INTELLIGENCE-BASED APPROACH	2021
Saju S B	ANALYSIS OF FRP-STRENGTHENED RC BEAMS USING AN ARTIFICIAL INTELLIGENCE-BASED APPROACH	2021

Papers published in National Journals

SL No	Title	Year
1	A simplified mix proportioning method for High Performance Concrete. Indian Concrete Journal 2013, Vol. 87(10).	2013

Papers published in International Journals

SL No	Title	Year
1	Durability studies on High Strength High Performance Concrete. International Journal of Civil Engineering and Technology, Vol. 4(1), pp. 16-25.	2013
2	Size Effect on Flexural Behaviour of Reinforced High Strength Concrete Beams. International Journal of Engineering and Technical Research, Vol. 2 (9).	2014
3	Size Effect on Flexural Behaviour of Reinforced High Strength Concrete Beams. ,International Journal of Engineering and Technical Research, International Journal 2014 Vol. 2 (9)	2014

Papers published in National Conferences

SL No	Title	Year
1	Effect of hybrid fibres on properties of self compacting concrete., Concrete Technology for the future, Department of Civil Engineering, Kongu Engineering College, Perundurai, Erode	2006
2	Flexural behavior of hybrid fibre reinforced self compacting concrete, National Conference on Technological trends, College of Engineering Trivandrum.	2006
3	Flyash based Geopolymer Concrete, National Conference on Technological trends, College of Engineering Trivandrum.	2007
4	Prediction of compressive strength of high performance concrete using ANN., National conference 25th Kerala Science Congress	2013
5	Effect of Crimped Steel Fibre on Partially Prestressed Concrete Beams , National Conference on Technological trends, College of Engineering Trivandrum.	2016
6	Flexural behaviour of partially prestressed HPC beam, National Conference on Technological trends, College of Engineering Trivandrum.	2017
7	Shear-Flexure Behaviour of Partially Prestressed Basalt Fibre Reinforced Concrete Beams National Conference on Advances In Structural Engineering, Marbaselious College of Engineering and Technology, Trivandrum, India	2018
8	In-situ Resource Based Martian Habitat, Innovations in Civil Engineering ICE2021, Marian Engineering College Kazhakuttom, Thiruvananthapuram	2021

Papers published in International Conferences

SL No	Title	Year
1	Study on the properties of Natural Latex modified concrete International Conference Advances in	2003

building materials, equipment and construction technologies

2	Experimental investigation on the flexural behavior of doubly reinforced SCC beams, International Conference on recent developments in structural engineering	2007
3	Absorption characteristics of flowable high strength HPC., International Conference on Sustainability Challenges & Advances in Concrete Technology (SACT 2012), Department of Civil Engineering, PSG College of Technology, Coimbatore, Tamilnadu, India,	2012
4	Chloride Ion Penetration of High Strength High Performance Concrete., International conference on Green Technologies, Marbaselious College of Engineering and Technology, Trivandrum, India	2012
5	Prediction of chloride ion permeability of high strength high performance concrete, International Conference on trends and challenges in concrete structures	2013
6	Influence of mineral and chemical admixtures on the packing density of high strength HPC. , International conference UKIERI Concrete Congress, Punjab, India.	2013
7	Prediction of chloride ion permeability of High strength high performance concrete. , International conference on Trends and Challenges in Concrete Structures, Ghaziabad, India 2013.	2013
8	Effect of Copper Slag as Fine Aggregate in High Strength Concrete, International conference ICETEST-2018, GEC Trissur	2018
9	Retrofitting of beams using basalt fabrics ITCSD-2019:,Innovative Trends in Civil Engineering for Sustainable Development National Institute of Technology Warangal Warangal, India 2019	2019
10	Analysis of FRP- Strengthened RC Beams Using Artificial Intelligence Based Approach, Recent Advancements in Construction Materials & Structures, ICCMS-2021	2021

8.Name **Dr. SHIBU A.**



Date of Birth	20/03/1974
Gender	Male
Mobile No	9447205308
Faculty Type	PERMANENT
Designation	Professor
Department	Civil Engineering
Date of Joining in the Institution	17/04/2003
Qualification(UG)	B.Tech. in Civil Engineering
Qualification(PG)	M. Tech. in Hydraulics Engineering
Qualification(Ph. D)	Ph. D. in Water Resources Engineering

Total Experience in 19 years

years(Teaching)

Faculty Profile

Total Experience in years(Industry)	2.5 years
Total Experience in years(Research)	14 years
Area of Specialisation	Water Resources Engineering
No.of Papers Published(National)	0
No.of Papers Published(International)	8
No.of Papers in conferences(National)	15
No.of Papers in conferences(International)	9
Professional Memberships	1. Life Member in the Indian Society for Technical Education (ISTE) 2. Life Member in the Indian Society for Hydraulics (ISH)

Ph.D's Guided

Area of Specialisation	Water Resources Engineering	
University	APJ Abdul Kalam Technological University	
Student Name	Thesis Title	Year
Anand T.	Impact of coarse dust particles in atmosphere on flooding	2020
Revathy Raj S.	Impact of climate change on flood & drought	2021
Vineetha Basil	Impact of climate change and land use on flooding	2021

Projects Guided in Master's Level

Area of Specialisation	Hydraulics and water resources engineering	
University	APJ Abdul Kalam Technological University	
Student Name	Project Title	Year
21 students	Topics from Hydraulics and water resources engineering	2021
6 students	Topics from Hydraulics and water resources engineering	2016

Papers published in International Journals

SL No	Title	Year
1	7 papers published in International journals	2001-2020

Papers published in National Conferences

SL No	Title	Year
1	15 papers published in National Conferences	2001-2020

Papers published in International Conferences

SL No	Title	Year
1	7 papers published in International Conferences	2022

Consultancy Details

SL No	Consultancy	Year
1	Consultant to Dam Rehabilitation and Improvement Project (DRIP) & Air Force	2022

Awards Received

SL No	Title	Organisation
1	Awarded George Oommen Memorial Award and Medal by University of Kerala.	University of Kera

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	46 short-term courses / workshops attended	2001 - 2020

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	GIS and Remote Sensing Application using Open Source Software (Co-ordinated)	2015,DTE, Govt. (
2	Leadership Empowerment for Engineering College Teachers	2016,DTE, Govt. (
3	Total Station with GPS System	2017,Centre for C
4	QGIS & HEC-RAS	2017,Irrigation De
5	National Workshop on Challenges and Opportunities in Pumped Storage Hydro Electric Power Plants	2016,KSEB Limite

Positions Held

SL No	Details	Period
1	Lab-in-Charge – Survey lab; Examination Wing- in conducting University examinations; Lab-in-Charge - P.G. Hydraulics lab; Coordinator, Campus Water Supply, College of Engineering Trivandrum; CETAA Executive Committee Member; Staff Advisor, 2015-2019 batch of B. Tech. students	2001-2020

Expert Talks Delivered

SL No	Title	Year
1	Notches, weirs and their applications	2017

2	Roof top rain water harvesting	2021
3	Minor Irrigation Structures	2020
4	Modeling of Reservoir Systems; Tools/ procedures; Systems and techniques	2019
5	Planning/ Operation of reservoirs; Formulation of models; Deterministic inputs	2019
6	Reservoir operation with input uncertainty	2019
7	Reservoir operation: Rule curve	2019
8	Flood frequency analysis	2020
9	Modeling of floods: A climate change approach	2020
10	Introduction to EPANET	2017

9.Name **Dr.Bindu J**



Date of Birth	30/05/1970
Gender	Female
Mobile No	9446540362
Faculty Type	PERMANENT
Designation	Professor
Department	Civil Engineering
Date of Joining in the Institution	01/06/2000
Qualification(UG)	B Tech
Qualification(PG)	M .Tech
Qualification(Ph. D)	Geotechnical Engineering
Total Experience in years(Teaching)	21
Total Experience in years(Industry)	Nil

Total Experience in 21

years(Research)

Faculty Profile

Area of Specialisation	Geotechnical Engineering
No.of Papers Published(National)	1
No.of Papers Published(International)	4
No.of Papers in conferences(National)	26
No.of Papers in conferences(International)	8
Professional Memberships	ISTE, IGS

Projects Guided in Master's Level

Area of Specialisation	Geotechnical Engineering	
University	University of Kerala	
Student Name	Project Title	Year
Divya P V	Effect of confinement in improving the load carrying capacity of soft soils	2008
Lekshmi G D	Study of volume change behaviour of Kuttanad clays	2009
Sheeba Kumari J S	Effect of lime on geotechnical properties of Kuttanad clay	2010
Aswathy Ramabhadran	Shear strength behaviour of cement stabilized Kuttanad clay	2011
Karthika M S	Stabilization of black cotton soil using low cost materials	2014
Swathy Pushpan	Vertical columns and coir geocell composite reinforcement for soft soil improvement	2015
ASWATHY RAMESH	EFFECT OF COARSE GRAINED CUSHION AND CONTROLLED STIFFNESS INSERTS ON THE BEHAVIOUR OF PILED RAFT FOUNDATION	2017
KANNAN K	EFFECTS OF MICP TREATMENT ON ENGINEERING PROPERTIES OF HIGHLY PLASTIC CLAYS	2017
NEELIMA P	STUDIES ON SKIRTED FOOTINGS IN SAND OVERLYING CLAY	2017
KEERTHI RAJ K	EFFECTIVENESS OF STONE COLUMN WITH WASTE PLASTIC BOTTLE AS AN ENCASEMENT- A SUSTAINABLE AND ENERGY EFFICIENT APPROACH TO SOFT GROUND IMPROVEMENT	2018
THARUN THILAK	EFFECT OF LATERAL, UPLIFT AND INCLINED LOADS ON VERTICAL AND INCLINED MICROPILES	2018
RENJITH R S	UTILIZATION OF ILMENITE SLUDGE AS A SOIL STABILIZER	2018
SANTHOSH KUMAR K S	CORRELATION OF CBR VALUE WITH INDEX PROPERTIES AND COMPACTION CHARACTERISTICS OF SOIL	2018
JISNA P M	EFFECT OF BIOPOLYMER ON THE STRENGTH ENHANCEMENT OF OIL CONTAMINATED SOIL	2019
PANCHAMI M V	PERFORMANCE ASSESSMENT OF GEOPOLYMER STABILIZED EXPANSIVE CLAY SUBJECTED TO SEASONAL WETTING AND DRYING CYCLES	2019
SRUTHIMOL P	EROSION FUNCTION APPARATUS FOR SCOUR RATE PREDICTION AT BRIDGE PIERS	2020

Faculty Profile		
SUSMITHA REBECCA TITUS	REMEDIATION OF HEAVY METAL CONTAMINATED SOIL USING BIOCHAR	2020
HASEEBA B	DEVELOPMENT OF CRITERIA FOR SUSTAINABLE DESIGN ANALYSIS OF PILE FOUNDATIONS	2021
SOUMYA SAJU	STABILITY AND SUSTAINABILITY ANALYSIS OF GROUND IMPROVEMENT WORKS FOR AN EMBANKMENT	2021
SREEJITH R	FINITE ELEMENT ANALYSIS OF LOAD SETTLEMENT BEHAVIOUR OF THE GRANULAR PILE IN CLAYEY SOIL USING ABAQUS	2021

10.Name	Dr.PRIYADARSINI R S	
----------------	----------------------------	---

Date of Birth	16-05-1974
Gender	Female
Mobile No	9495401058
Faculty Type	PERMANENT
Designation	Professor
Department	Civil Engineering
Date of Joining in the Institution	02-06-2000 (joining service)/ 18-12-2018(From RIT)
Qualification(UG)	B Tech in Civil
Qualification(PG)	M Tech in Structural Engineering
Qualification(Ph. D)	Ph D in Civil(Structural Engg)
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	NIL
Total Experience in years(Research)	5
Area of Specialisation	Structural Engineering
No.of Papers Published(National)	3
No.of Papers Published(International)	9

No.of Papers in	11
-----------------	----

conferences(National)

Faculty Profile

No.of Papers in
conferences(International)

15

Professional
Memberships

1. Institution of Engineers, India, Life member, F-1264458 2. ISTE, Life Member- LM 31279 3. ISAMPE - L1345 4. Aeronautical Society of India- AeSI- M19149 5. Society for Small Satellite Systems(SSSS)

Ph.D's Guided

Area of Specialisation Structural Engineering

University Kerala Technological University

Student Name	Thesis Title	Year
Anupamakrishna D	Behaviour of Reinforced Concrete under Elevated Temperatures	2021

11.Name JIJI ANNA VARUGHESE



Date of Birth 25/05/1971

Gender Female

Mobile No 9446018863

Faculty Type PERMANENT

Designation Professor

Department Civil Engineering

Date of Joining in the
Institution 04/08/2021

Qualification(UG) B TECH IN CIVIL ENGINEERING

Qualification(PG) M TECH IN STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT

Qualification(Ph. D) EARTHQUAKE ENGINEERING

Total Experience in
years(Teaching) 19

Total Experience in
years(Industry) 7

Total Experience in
years(Research) 3

Area of Specialisation Structural Engineering

No.of Papers 3

Published(National)

Faculty Profile

No.of Papers Published(International)	3
No.of Papers in conferences(National)	7
No.of Papers in conferences(International)	4
Professional Memberships	Fellow Member, Institution of Engineers (India), -F-121605-4 Life Member – Indian Society for Technical Education (LM 50606) Life member- Indian society of Systems for Science & Engineering- LM 00577

Ph.D's Guided

Area of Specialisation Civil- Structural Engineering

University KTU

Student Name	Thesis Title	Year
ANITTA JOSE	Long Term Performance Assessment of Nanomaterial Incorporated Composite Pipes	2021
Jyothish Kiran A S	Fire Resistant Design of Buildings	2022

Projects Guided in Master's Level

Area of Specialisation Structural Engineering

University KTU

Student Name	Project Title	Year
Gayathri G	Effect Fluid Pressure And Fatigue Loading On The Behaviour Of Carbon Nano Tube Composite Pipes	2022
Aleena P F	Performance Assessment of building with shear walls under blast loads	2021
Sreelekshmi N	Seismic behavior of concrete gravity dams	2015
Anjana Sagar	Dynamic Analysis of Elevated Water Tanks	2014
Rajalekshmi K R	Torsional Behaviour of Asymmetric Buildings	2014
Salini Theres N Kurien	Analysis of Glass Fibre-Reinforced Polymer (GFRP) Bridge Deck panels	2013
Sujatha A	Analysis of Open Ground Storey Buildings	2009
Sajiv Retnakaran	Fibre-reinforced Cementitious Composites- Study on Material Ductility at Steel- Concrete Interaction Zones	2007

Papers published in National Journals

SL No	Title	Year
1	Comparison of Force-based and Displacement based methods for seismic design of buildings- Journal of Structural Engineering, SERC, Chennai_April -May 2012	2012
2	Review of displacement-based seismic design methods of RC regular frames_ Journal of Structural Engineering _SERC- June-July 2012	2012
3	Load distribution patterns for displacement-based seismic design of RC framed buildings - Journal	2014

Papers published in International Journals

SL No	Title	Year
1	International Journal of Innovative Research in Science, Engineering and Technology - Fatigue Analysis of Glass Fibre Reinforced Polymer Bridge Deck Panels	2013
2	Journal of Structural Engineering & Mechanics, Technopress, Korea - Displacement-based Seismic Design of Open ground storey Buildings	2015
3	Advances in computational Design, Technopress, Korea - Seismic behavior of concrete gravity dams	2016
4	Slab contribution for over-strength factor in capacity based design - International Journal of scientific and Engineering Research_ July 2014	2014

Papers published in National Conferences

SL No	Title	Year
1	3rd National Conference on Emerging Technologies, GEC BH, Thiruvananthapuram Aug.1-2 2014 - Seismic Effects on Irregular Buildings-State of the Art	2014
2	3rd National Conference on Emerging Technologies, GEC BH, Thiruvananthapuram Aug.1-2 2014 - A review on Hydrodynamic Effect on Elevated Water Tanks under Seismic Excitation	2014
3	2nd National Conference on "Recent Advances in Civil Engineering", Saint Gits College of Engineering, Kottayam 6-7 Sept. 2013 - Performance-based seismic design of RC framed buildings	2013
4	NATCON 2013 at R.I.T., Kottayam 18-19 January 2013 - Effect of Design Ductility and Flexibility on Yield Rotation of RC Frames	2013
5	7th SEC, Annamalai University, Chennai, 8-10 Dec.2010 - Comparison of Force-based and Displacement based methods for seismic design of buildings	2010
6	10th National Conference on Technological Trends, at College of Engineering, Trivandrum 6-7 November 2009 - Influence of Masonry Infills in RC Multistorey buildings	2009
7	8th National Conference on Technological Trends, at College of Engineering, Trivandrum 30th Nov & 1st Dec 2007 - Fibre Reinforced Cementitious Composites- Performance of Material Ductility at Steel/ Concrete Interaction Zones	2007

Papers published in International Conferences

SL No	Title	Year
1	International conference on Materials, Mechanics and Management, College of Engineering, Trivandrum, 14-16 Jan.2010 - Performance-based Seismic design of buildings-State of the art	2010
2	International conference on Structural Engineering, Construction and Management, Kandy, Sri Lanka, 15-17Dec 2011 - Criteria for performance evaluation of RC building frames using non-linear time history analysis for PBD	2011
3	15th World Conference on Earthquake Engineering, September 24-28, 2012 - Simplified procedure for displacement-based design of stepped buildings	2012
4	International Conference, ISEES 2016, GEC Barton Hill, September 29-30, 2016 - Seismic vulnerability assessment of a hospital building	2016

5	Study on the mechanical properties of concrete with carbon nanotube composites_ IC@MACE-	2020
---	--	------

Faculty Profile	2020
6	Displacement-based approach for evaluating seismic performance of open ground storey buildings - ICICE 2014

Books Published

SL No	Title	Coauthors
1	Book Chapter in “ Advances in Indian Earthquake Engineering and Seismology” - Seismic design philosophy- from force-based to displacement-based design	Prof. Devdas Men

Awards Received

SL No	Title	Organisation
1	Gayathri Devi Award	IIT Madras
2	Best paper Award, International Conference (ISEES 2016)	GEC Barton Hill

Positions Held

SL No	Details	Period
1	Manager, Centre for Continuing Education, GEC Barton Hill	November 2018 to
2	Department Accreditation coordinator at GEC Barton Hill	2018-2019
3	Nodal officer (R& D) under TEQIP II at GEC Barton Hill	May 2015 to July
4	Organizing Secretary for 4th National conference on Emerging Technologies 2015 (NCET 2015) at GEC Barton Hill	25-26 September
5	Department Accreditation coordinator at RIT Kottayam	2013-2014
6	Department coordinator for Industry-Institute Interaction Cell at RIT Kottayam	2013-2014

Expert Talks Delivered

SL No	Title	Year
1	Seismic Design of Liquid storage Tanks	2021
2	Revisions in IS 1893: 2016 and Performance based design	2021
3	Design considerations of steel formwork	2020
4	Introduction to Finite Element Method	2013
5	Recent Advances in Civil Engineering	2013
6	Effective Teaching of Structural Analysis	2008
7	Construction Practices for improving Seismic Performance of Buildings	2008

Faculty Profile

12.Name **Leema Peter**



Date of Birth 31/05/1967

Gender Female

Mobile No 9446175427

Faculty Type PERMANENT

Designation Professor

Department Civil Engineering

Date of Joining in the
Institution 25/01/2001

Qualification(UG) B.TECH

Qualification(PG) M.TECH

Qualification(Ph. D) Ph.D

Total Experience in
years(Teaching) 22

Total Experience in
years(Industry) 2

Total Experience in
years(Research) 16

Area of Specialisation Traffic and Transportation Planning

No.of Papers
Published(National) 6

No.of Papers
Published(International) 0

No.of Papers in
conferences(National) 15

No.of Papers in
conferences(International) 2

Professional
Memberships ISTE

Projects Guided in Master's Level

Area of Specialisation Traffic and Transportation Planning

University Kerala

Faculty Profile Student Name	Project Title	Year
Sonia P	Accident analysis using soft computing techniques	2007
Minu S	Assessing Level of Service of Two Lane Highways using User Perception and its comparison with Field Measurements	2008
Remya U	O-D Matrix estimation using TransCAD	2009
Jasmine	Identification of missing links based on travel demand for Calicut city using Trans Cad	2010
Anupama Krishnan	Capacity analysis of three legged signalized intersection using Cellular Automata	2011
Alaka Raj	EFFECT OF STABILIZATION OF WEAK SUBGRADE SOIL ON THE SERVICE LIFE OF PAVEMENT	2014
Athira Vijayan	STRENGTH AND DURABILTY STUDIES OF NATURAL FIBRE COMPOSITE (N-F-C) SHEETS FOR USE AS SEPARATOR IN FLEXIBLE PAVEMENTS	2016
Sreepriya Lal	Experimental Investigation of Cold Bituminous Emulsion Mix with Waste Materials as Fillers	2017
Reshma S	An Experimental Investigation on the Effect of Crumb Rubber as Fine Aggregate in Cement Concrete Pavements	2017
Apoorva Krishna	PREDICTION OF CBR FROM SOIL INDEX PROPERTIES USING ARTIFICIAL NEURAL NETWORK	2018
Chanthu R	Study on the Application of Jute Latex Composite in Flexible Pavements	2019
Athira Gopidas	STRENGTH BEHAVIOUR OF PLASTIC WASTE TREATED EXPANSIVE SOIL	2020
Amal satyaprakash	VEHICLE ROUTE OPTIMIZATION FOR ONLINE DELIVERY SYSTEM- A CASE STUDY	2021
Y K Remya	Stabilization of weak subgrade soil using coir waste and lime-A study on strength as a function of time	2015

Papers published in National Journals

SL No	Title	Year
1	“Volume Change Behaviour of Expansive Soil Stabilized with Coir Waste”, ASCE Journal of Materials in Civil Engineering, Vol. 27, No. 6, Jun 2015, pp 04014195-1 to 8.	2015
2	. “Shrinkage Characteristics of Expansive Soil Treated with Coir Waste”, Indian Geotechnical Journal, Springer Publications, Vol. 45, No. 3, pp. 360–367.	2015
3	. “Laboratory Investigation in the Improvement of Subgrade Characteristics of Expansive Soil Stabilized with Coir Waste”, Transportation Research Procedia, Elsevier publication	2014
4	. “Impact Assesment of Short-Term Management Measures on Travel Demand” ARCHIVES OF TRANSPORT ISSN (print): 0866-9546 Volume 53, Issue 1, 2020	2020
5	. “Optimization, quantification of Strength and Design Benefits of Flexible Pavements Resting on Soft Soil Subgrades Treated with Coir Waste and Lime” JOURNAL OF NATURAL FIBERS	2020
6	Application of Latex Backed Jute Geotextiles in Flexible Pavements: A Macroscale Study.	2020

Papers published in National Conferences

SL No	Title	Year
1	Use of Fuzzy Logic for the Estimation of O - D matrix from Link Volume Counts” Second National Conference on Recent Advances in Civil Engineering,CUSAT.	2005
2	“Accident Analysis Using Fuzzy K-Nearest Neighbour Algorithm,” National Conference on	2007

Faculty Profile	Technological Trends 2007, College of Engineering Trivandrum, Thiruvananthapuram, pp. 270 – 274.	
3	"Accident Analysis Artificial Neural Network," 20th Kerala Science Congress 2008, Thiruvananthapuram, pp. 422 – 424.	2008
4). "Assessing Level of Service of Two Lane Highways Using Perception and its Relationship With Field Measurements" National Conference on Technological Trends 2008, College of Engineering Trivandrum, Thiruvananthapuram, pp. 269 – 273.	2008
5	"Simulation of Three Legged Signalized Intersection Using Cellular Automata" National Conference on Technological Trends 2011, College of Engineering Trivandrum, Thiruvananthapuram, pp. 361 – 368.	2011
6	Influence of Coir Pith on Swelling and Shrinkage Characteristics of Expansive Soil" Indian Geotechnical Conference on Geotechnical Advances and Novel Geomechanical Applications, IIT Roorkee, India December 22 – 24, 2013, Theme 6 Paper No. 40	2013
7	:"Consolidation Properties of Expansive Soil Treated with Coir Waste "14th National Conference on Technological Trends 2013, College of Engineering Trivandrum, Thiruvananthapuram, pp. 829 – 834.	2013
8	"Strength Characteristics of Soft Soil Subgrade Treated with Coir Waste" 15th National Conference on Technological Trends 2014, College of Engineering Trivandrum, Thiruvananthapuram, pp. 282 – 286.	2014
9	"Influence of Coir Waste and Lime On Strength Characteristics of Soft Soil Subgrade", Proc. of National Conference on Technological Trends, College of Engineering Trivandrum, pp 497- 503, September 2015	2015
10	"Long Term Tensile Strength Studies on Natural Fibre Composite(N-F-C)Sheets",Proc. of National Conference on Geotechnical Engineering and Modelling, LBS Institute of Technology for Women Trivandrum, pp 241-245, June2016	2016
11	"Durability Studies on Coir Waste-Lime Treated Soil", Proc. of National Conference on Geotechnical Engineering and Modelling, LBS Institute of Technology for Women Trivandrum, pp 233- 236, June2016	2016
12	"Permeabilty of Coir-Latex Composite", Proc. of National Conference on Geotechnical Engineering and Modelling, LBS Institute of Technology for Women Trivandrum, pp 230- 232, June2016	2016
13	"Durability Studies on Natural Fibre Composite(N-F-C) Sheets using Wet and Dry Analysis", Proc. of National Conference on Technological Trends, College of Engineering Trivandrum, pp 529- 533, August 2016	2016
14	"Effect of Wetting -Drying Cycles on Durability of Coir Waste-Lime Treated Soil", Proc. of National Conference on Technological Trends, College of Engineering Trivandrum, pp 497- 503, August2016.	2016
15	"Performance of Coir-Latex Composites as Seperator over Clay Subgrades under Wheel Load", Proc. of National Conference on Technological Trends, College of Engineering Trivandrum, pp 354- 358, August2016.	2016

Papers published in International Conferences

SL No	Title	Year
1	Identification of Missing Links based on Travel Demand for Calicut City using TRANSCAD"International Conference on Technological Trends 2008, College of Engineering Trivandrum, Thiruvananthapuram, pp. 445 – 448.	2010
2	Feasibility of using Coir Fibre to Control Swell – Shrink Behaviour of Expansive Soil", International Conference on Modeling and Simulation in Civil Engineering, TKM College of Engineering, Kollam Dec 12 – 14, 2013, pp. 126 – 130.	2013

Faculty Profile

13.Name **Manju V S**



Date of Birth 15.05.1969

Gender Female

Mobile No 9496260488

Faculty Type PERMANENT

Designation Professor

Department Civil Engineering

Date of Joining in the
Institution 3.7.2002

Qualification(UG) B.Tech (Civil Engineering)

Qualification(PG) M.Tech (Transportation planning)

Qualification(Ph. D) Transportation Planning

Total Experience in
years(Teaching) 26

Total Experience in
years(Industry) 0.5

Total Experience in
years(Research)

Area of Specialisation Transportation Planning

No.of Papers
Published(National) 1

No.of Papers
Published(International) 12

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships 2

Ph.D's Guided

Area of Specialisation Transportation Planning

University University of Kerala

Faculty Profile Student Name	Thesis Title	Year
Anu P Alex	Development of Activity-Travel Pattern Using Latent Variables Enriched Mode Choice Model	2018

Projects Guided in Master's Level

Area of Specialisation	Transportation	
University	KTU	
Student Name	Project Title	Year
Aswin B	EFFECT OF LATENT VARIABLES ON MODE CHOICE ANALYSIS IN POST COVID SCENARIO A CASE STUDY	2021
SHAHANAZ S T	QUANTIFICATION OF TRANSPORTATION DISADVANTAGE USING GIS	2021
CIJIN JAYAKUMAR	Air Pollution as Sustainable Indicator-A Case Study	2020
Ajas H	REGIONAL SCALE FLOOD MODELLING USING MIKE AND GIS TOOLS : A CASE STUDY OF PERIYAR RIVER	2020
NAVEEN R J	Attitude of travellers towards parking pricing: A case study	2019
SWETHA C V	ESTIMATION OF ACCESSIBILITY BY NON - MOTORISED TRANSPORTATION USING GIS	2019
MEENU R BABU	URBAN TAXI RIDERSHIP ANALYSIS USING GPS	2018
AISHWARYA R	Metro ridership analysis: A case study	2018
AISHWARYA R	Metro ridership analysis: A case study	2018
Kaveri S	Evaluation of Bus Stop Accessibility by Walk – A Case Study	2017
Gouri Gopan	Transit Route Network Design Problem – A Case Study	2017
Soorya S R	Development of a Dynamic Travel Time Model	2016
Safna M M	Development of Feeder Bus Service for Light Rail Transit System- A Case Study	2016
Premilatha M	GIS Based Bus Routing and Scheduling for an Educational Institution: A Case Study	2015
Sangeetha Murali	Feasibility Study of a Sustainable Transportation Facility for Pedestrians	2015
Bony Raju	Fixing the Alignment of Monorail Corridor using GIS	2014
Bhageerathy K P	Estimation of Air Pollution due to Vehicular Emission in Trivandrum City	2014
Sumi S	Estimation of Vehicular Emission in Thiruvananthapuram City using IVE Model	2013
Cynthia Baby	WebGIS Enabled Route Planning System for Tourists	2013
Keerthy Balan	Development of Fuzzy Logic Based Performance Evaluation Model for Bus transit	2012
Arya Kishorilal	Development of Travel Time Model using GIS GPS Integration	2012
Anu Baby	Application of Multi-Criteria Decision Making Methods In Mode Choice Analysis of Commuters - A Case Study	2011
Nivedya M K	Impact of Land Use on Trip generation – A Case Study	2011
Sanchu Rani	School Bus Routing Using TransCAD – A Case study	2010
Indusree I B	Application of EMME for Transit Assignment	2009
Suja A M	Optimal Traffic Counting Locations for Origin Destination Matrix Estimation	2008

Faculty Profile Suji Chandran	Development of Neurofuzzy Model for Route Choice Behaviour	2007
Sajitha S	Urban Bus Transit Assignment Using Fuzzy Logic	2006
Vivek R Das	Estimation of OD matrix from link counts using genetic algorithm	2005
Lakshmanan M P	Studies on Porous Asphalt Mixes with Modified Bitumen	2004

Papers published in National Journals

SL No	Title	Year
1	Development of an algorithm for bus routing and tracking for an educational institution: A case study, Journal of Institution of Engineers India Series A (2020). https://doi.org/10.1007/s40030-020-00493-x	2020

Papers published in International Journals

SL No	Title	Year
1	Modelling of Travel Behaviour of Students using Artificial Intelligence, Archives of Transport, Vol. 51. Issue 3, 2019, pg: 7 – 19. DOI: 10.5604/01.3001.0013.6159	2019
2	Trip assignment modelling for an Indian city to assess the benefits of proposing ring roads, International Journal for Traffic and Transport Engineering, 2020, 10(1): 69 – 80. DOI: http://dx.doi.org/10.7708/ijtte.2020.10(1).07	2020
3	Impact assessment of short-term management measures on travel demand, Archives of Transport, Vol. 53. Issue 1, 2020, pg: 37 – 52. DOI: 10.5604/01.3001.0014.1743	2020
4	Modelling of Activity-Travel Pattern with Support Vector Machine, European Transport TrasportiEuropei (2021) Issue 82, Paper n° 2, ISSN 1825-3997. https://doi.org/10.48295/ET.2021.82.2	2020
5	Latent variable Enriched Mode Choice Models for Work Activity in Multi Modal Condition Prevalent in India, International Journal for Traffic and Transport Engineering, 6(4), 378- 389	2016
6	Generation of Synthetic Population Using Markov Chain Monte Carlo Simulation method, International Journal on Cybernetics and Informatics, 5(1), 184-191	2016
7	Modelling of Daily Activity Schedule of Workers Using Unsupervised Machine Learning Technique , International Journal for Traffic and Transport Engineering, Vol. 6. No. 1, 77 – 91	2016
8	Use of Biomedical Plastic Waste in Bituminous Road Construction, International Journal of Engineering and Advanced Technology (IJEAT), Vol-3 Issue-6, 89-92	2014
9	Mode Choice Behavior of Commuters in Thiruvananthapuram City, ASCE Journal of Transportation Engineering, 139(5), 494–502	2013
10	A Neuro-Fuzzy Approach to Route Choice Modelling, International Journal of Science and Applied Information Technology, Vol.2 , No.2, 09-11	2013
11	Prioritisation of Traffic Count Locations for Trip Matrix Estimation using Information Theory, International Journal for Traffic and Transport Engineering, 2013,: 3(2), 112 – 126	2013
12	Application of Recursive Partitioning Methodology in Route Choice, International Journal of Engineering Research & Technology (IJERT), Vol. 1 Issue 10, 1-9	2012

Papers published in International Conferences

SL No	Title	Year
1	WebGIS Enabled Route Planning System For Tourists - A Case Study, Civil Engineering	2018

Faculty Profile	Advancements for Sustainable Infrastructure Development and Environment, GEC, Thrissur	
2	Development of Non Mandatory Activity Generation Model System of Non Workers Using Artificial Neural Network 27th ARRB Conference, Melbourne, Australia	2016
3	Generation of Synthetic Population Using Markov Chain Monte Carlo Simulation method Fourth International Conference on Recent Trends in Transportation, Environmental and Civil Engineering Kochi	2015
4	Generation of Synthetic Population for Thiruvananthapuram City 2nd Conference on Transportation System Engineering and Management (CTSEM) NIT Thiruchirappalli,	2015
5	Minimising and Prioritising Count Locations for Trip Estimation using Information Theory International Conference on Advances in Materials, Mechanics & Management Trivandrum	2010
6	Route Choice Behaviour of Commuters in a Small Sized City in India 2nd World Roads Conference Singapore	2009
7	Attitude of Commuters to Bus Transit Performance-A Case Study International Conference on TPMDC IIT Bombay	2009
8	Analysis of Route Choice Behaviour of Bus Transit Users Using Fuzzy Logic 23rd ARRB Conference Adelaide, Australia	2008
9	Determination of Level of Service of pedestrian facilities-A case study 7th Conference on Transportation Systems Engineering and Management	2020
10	Estimation Of Accessibility By Non – Motorised Transportation Using GIS 7th Conference on Transportation Systems Engineering and Management	2020
11	Modelling Of Pollutants – A Case Study 7th Conference on Transportation Systems Engineering and Management	2020
12	Emission Inventory At Kazhakuttom Using GIS 7th Conference on Transportation Systems Engineering and Management	2020

14.Name **Sheela Alex**



Date of Birth	23/04/1969
Gender	Female
Mobile No	9447388294
Faculty Type	PERMANENT
Designation	Professor
Department	Civil Engineering
Date of Joining in the Institution	05/05/2018

Qualification(UG) B Tech in Civil Engineering

Faculty Profile	
Qualification(PG)	M Tech in traffic and Transportation Engineering
Qualification(Ph. D)	Ph.D in Civil Engineering
Total Experience in years(Teaching)	18 yrs
Total Experience in years(Industry)	4 and half
Total Experience in years(Research)	4
Area of Specialisation	Traffic Engineering
No.of Papers Published(National)	3
No.of Papers Published(International)	
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	
Professional Memberships	ISTE

15.Name **UNNIKRISHNAN N**



Date of Birth	12/01/1968
Gender	Male
Mobile No	9447411584
Faculty Type	PERMANENT
Designation	Professor
Department	Civil Engineering
Date of Joining in the Institution	01/06/2000
Qualification(UG)	B.Tech. in Civil Engineering
Qualification(PG)	M.Tech. in Geotechnical Engineering
Qualification(Ph. D)	Ph.D. in Civil Engineering

Total Experience in 21 years 9 months

years(Teaching)

Faculty Profile

Total Experience in years(Industry)	4 years
Total Experience in years(Research)	2 years
Area of Specialisation	Civil Engineering
No.of Papers Published(National)	2
No.of Papers Published(International)	8
No.of Papers in conferences(National)	46
No.of Papers in conferences(International)	22
Professional Memberships	MISTE, FIGS,

Ph.D's Guided

Area of Specialisation	Geotechnical Engineering	
University	University of Kerala	
Student Name	Thesis Title	Year
Sumi S.	Investigations on long term performance of coir geotextiles in relation to the environment	2019

Papers published in National Journals

SL No	Title	Year
1	1. Unnikrishnan, N., Rajagopal, K.R., and Krishnaswamy, N.R. (2002) Triaxial behaviour of reinforced clay under static and cyclic loading. Indian Geotechnical Journal 32(3), 216-234	2002
2	2. Rekha AmbiP. K. JayasreeN. Unnikrishnan. (2020) Effect of Surface Area of Fins on the Behaviour of Piles Under Combined Loading Conditions. Indian Geotechnical Journal. Vol. 50. Issue 5. https://doi.org/10.1007/s40098-020-00459-7	2020

Papers published in International Journals


SL No	Title	Year
1	1. Unnikrishnan, N., Rajagopal, K.R., and Krishnaswamy, N.R. (2002) Behaviour of reinforced clay under monotonic and cyclic loading. Geotextiles and Geomembranes 20, 117-133.	2002
2	2. Sumi, S, N. Unnikrishnan (2014), "Natural fibres in engineering – An overview", International Journal of Scientific & Engineering Research. (IJSER, ISSN 2229-55185). Volume 7, pp: 260-265.	2014
3	3. Nevin Koshy and Unnikrishnan, N. (2016). Geosynthetics Under Cyclic Pullout and Post-cyclic Monotonic Loading Int. J. of Geosynth. and Ground Eng.m Springer, 2:13 DOI 10.1007/s40891-016-0053-7. Published online on 4th May 2016.	2016
4	4. Sumi S, Unnikrishnan N, Lea Mathew (2016), "Experimental investigations on biological resistance of surface modified coir geotextiles", International Journal of Geosynthetics and Ground Engineering. (Springer - ISSN: 2199-9260, Published online - 19 October 2016), 2:31.	2016
5	5. Sumi S, Unnikrishnan N, Lea Mathew (2016), "Effect of antimicrobial agents on modification of	2016

Faculty Profile	coir", Procedia Technology. (Elsevier - ISSN: 1877-7058). Volume 24, pp: 280 – 286.	
6	6. Sumi, S, Unnikrishnan N, Lea Mathew (2016), "Surface modification of coir fibers for extended hydrophobicity and antimicrobial property for possible geotextile application", Journal of Natural Fibers. (Taylor and Francis, ISSN: 1544-0478, Published online: 31 Oct 2016). Volume 14, Issue 3, pp: 335-345. DOI: 10.1080/15440478.2016.1209714	2016
7	7. Sumi, S., Unnikrishnan, N. and Lea Mathew. (2018). Durability studies of surface-modified coir geotextiles. Geotextiles and Geomembranes, 46-6, 699–706. https://doi.org/10.1016/j.geotexmem.2018.07.007	2018
8	8. SubramaniaWarrier Sumi, NarayananNair Unnikrishnan & Lea Mathew (2021): The Effect of Surface Modified Coir Geotextiles on Environmental Resources, Journal of Natural Fibers, DOI: 10.1080/15440478.2021.1875363	2021

Papers published in National Conferences

SL No	Title	Year
1	1. H.R. Sreekantiah and N. Unnikrishnan. Behaviour of geotextile under pullout. Proc. Indian Geotechnical Conference, Calcutta, 1992	1992
2	2. Krishnaswamy, N.R., and N. Unnikrishnan. State of art user interfaces using high level languages for a geotechnical engineering software. National Seminar on Applications of Personal Computers in Civil Engineering (Institution of Engineers), Nagpur, February, 1993.	1993
3	3. Rajagopal, K., N.R. Krishnaswamy, and N. Unnikrishnan. Sandwich mechanism, a numerical modelling. Indian Geotechnical Conference, Madras, December, 1996	1996
4	4. Rajagopal, K., N.R. Krishnaswamy, and N. Unnikrishnan. An innovative construction technique for reinforced soil structures with weak backfill, Seminar on Innovative Construction Techniques and Equipment for Hydro Power, Thiruvananthapuram, September 1997	1997
5	5. Rajagopal, K., N.R. Krishnaswamy, and N. Unnikrishnan. Reinforced soil embankments under monotonic and cyclic loading, Golden Jubilee Indian Geotechnical Conference, New Delhi, December 1998	1998
6	7. Unnikrishnan, N. CADD beyond 2000 - a vision. All India workshop on computer applications in Civil Engineering practices –CivillIT-98, Thiruvananthapuram, November 1998	1998
7	8. Unnikrishnan N. and Jhonson A.S. "E-governance in Power Sector". Proc. 4th National Seminar on Modern Trends in Power Engineering and Development, Trivandrum, 23-24 November 2000, pp. 54-59.	2000
8	6. Unnikrishnan, N. Prediction and performance of composite soil structures – role of numerical analysis, Third National Seminar on Modern Trends in Power Engineering and Development. Thiruvananthapuram August 1998.	1998
9	9. Jhonson A.S. and Unnikrishnan N. "Seismic survey for hydroelectric projects". Proc. 4th National Seminar on Modern Trends in Power Engineering and Development, Trivandrum, 23-24 November 2000, pp. 76-79.	2000
10	10. Unnikrishnan N. and Jhonson A. "Power sector : the e-governance option", Proc. 15th Indian Engineering Congress, December 22-25, 2000, Hyderabad	2000
11	11. Unnikrishnan N. "Sustainable development through information technology – Infovision 2020". Proc. 13th Kerala Science Congress, Thrissur, January, 2001 pp. 694	2001
12	12. Vinod P.B and Unnikrishnan, N. (2001) Efficacy of bentonite drilling mud under polluting environment", Regional Seminar on Technological Developments for the Third Millennium, 16-17 March, Trivandrum	2001
13	13. Vinod P.B., Unnikrishnan N., Johnson A.S., and Jayachandran, V. Efficacy of bentonite drilling	2001

Faculty Profile	mud under polluting environment. Indian Geotechnical Conference, Indore, 2001, pp 472- 475	
14	14. Vinod P.B., Unnikrishnan N., Johnson A.S., and Jayachandran, V. (2001) Impact of pollutants on the behaviour of drilling mud. 17th national Convention of Environmental Engineers, Institution of Engineers, 23 – 25 November 2001, Trivandrum, 96 – 102.	2001
15	15. Unnikrishnan, N., Rajagopal, K.R., and Krishnaswamy, N.R. (2005) Response of Embankments with Sub-Basal Reinforcement under Cyclic Loading. National Seminar Geopredict, 3rd June 2005, IIT Madras, Chennai	2005
16	16. Unnikrishnan, N. (2005) Environmental and Social and Aspects of High Speed Transport Corridors. Int. National Conf. on Environmental Management. Environmental Education and Awareness, Hyderabad, October 28-30, 2005 pp.35-42	2005

16.Name	Ajith G Nair	
Date of Birth	25/05/1970	
Gender	Male	
Mobile No	9447141353	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Civil Engineering	
Date of Joining in the Institution	04/09/2020	
Qualification(UG)	B Sc	
Qualification(PG)	M Sc	
Qualification(Ph. D)	Ph. D	
Total Experience in years(Teaching)	15	
Total Experience in years(Industry)	2	
Total Experience in years(Research)	3	
Area of Specialisation	Earth Sciences	
No.of Papers Published(National)	3	
No.of Papers Published(International)	5	
No.of Papers in	5	

conferences(National)

Faculty Profile

No.of Papers in
conferences(International) 3

Professional
Memberships

17.Name **AJITHA A.R.**



Date of Birth 31/05/1975

Gender Female

Mobile No 09446459469

Faculty Type PERMANENT

Designation Associate Professor

Department Civil Engineering

Date of Joining in the
Institution 01/06/2000

Qualification(UG) B .Tech

Qualification(PG) M.Tech

Qualification(Ph. D)

Total Experience in
years(Teaching) 21yrs

Total Experience in
years(Industry) Nil

Total Experience in
years(Research) 10 yrs

Area of Specialisation Geotechnical Engineering

No.of Papers
Published(National) 5

No.of Papers
Published(International) 4

No.of Papers in
conferences(National) 12

No.of Papers in
conferences(International) 5

Professional Indian Geotechnical Society

Projects Guided in Master's Level

Area of Specialisation	Geotechnical Engineering	
University	Kerala Universty	
Student Name	Project Title	Year
Prajisha JP	Study on Kuttanad soil Reinforced with Banana Fibre	2015
Jeevan CD	Study on Shrinkage and Cracking Behaviour of the Marine clay and bentonite under different environmental conditions	2015

18.Name **ANIL R**



Date of Birth	22/11/1973
Gender	Male
Mobile No	9447023233
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	06/06/2009
Qualification(UG)	B TECH CIVIL ENGG
Qualification(PG)	M TECH TRANSPORTATION ENGG
Qualification(Ph. D)	PhD in ITS
Total Experience in years(Teaching)	21
Total Experience in years(Industry)	0.5
Total Experience in years(Research)	5 YRS
Area of Specialisation	TRANSPORTATION
No.of Papers Published(National)	2

No.of Papers 4

No.of Papers in conferences(National)	12
---------------------------------------	----

No.of Papers in conferences(International)	9
--	---

Professional Memberships	ISTE
--------------------------	------

Papers published in National Journals

SL No	Title	Year
1	"Traveller Preferences Towards Advanced Traveller Information Systems: A Case Study in Thiruvananthapuram City" Journal of The Indian Road Congress (IRC) July-September 2014, Vol 75-2 pp 233-236	2014
2	"Experimental investigations on use of beach sand in Sand-Asphalt-Sulphur (S-A-S) paving mixes" Highway Research Journal (IRC), July-December 2010 pp 1-7	2010

Papers published in International Journals

SL No	Title	Year
1	"Use of recycled Premix Chipping Carpet (RPCC) for Rural road construction" 'International Journal of Engineering and advanced technology ISSN:2249-8958, Volume 8, Issue 2C, December 2018 https://www.ijeat.org/wp-content/uploads/papers/v8i2C/ICID-2018_TE_201.pdf	2018
2	"Traveller Information system for heterogeneous traffic condition –A case study in Thiruvananthapuram City, India" 'Journal of The Institution of Engineers (India) Series A (Springer Link)', Dec2017, Vol 98, Issue 4 pp 581-586. Cite this article as "Satyakumar, M., Anil, R. & Sreeja, G.S. J. Inst. Eng. India Ser. A (2017) 98: 581. https://doi.org/10.1007/s40030-017-0228-9 "	2017
3	"Estimation of Travel Time in Urban Streets Using Various Modes" International Journal of Innovative Research in Engineering & Management (IJIREM) ISSN: 2350-0557, Volume-3, Issue-6, November-2016	2016
4	"Travel Time Estimation and Prediction Using Mobile Phones: A Cost Effective Method for Developing Countries" Civil Engineering Dimension, Journal of Civil Engineering science and application (Dimensi Teknik Sipil) Volume 16, Number 1, March 2014 pp33-39	2014

Papers published in National Conferences

SL No	Title	Year
1	"Road Safety Audit at Mid-Block Sections; A Case Study on Kollam Bypass." Conference on Transportation Systems Engineering & Management CTSEM2020 Organised by KSCSTE-National Transportation Planning and Research Centre and College of Engineering, Trivandrum during 29th and 30th December 2020, pp 106 - 109	2020
2	"A Feasibility Study for E-Auto Integration in Trivandrum." Conference on Transportation Systems Engineering & Management CTSEM2020 Organised by KSCSTE-National Transportation Planning and Research Centre and College of Engineering, Trivandrum during 29th and 30th December 2020, pp 271 - 274	2020
3	"Evaluation of Interlocking Pavement Performance, A Case Study from Trivandrum District." Conference on Transportation Systems Engineering & Management CTSEM2020 Organised by KSCSTE-National Transportation Planning and Research Centre and College of Engineering, Trivandrum during 29th and 30th December 2020, pp 176 – 180	2020
4	"Development of Static and Dynamic Traveller Information Systems using GPS-GIS Integration."	2017

Faculty Profile	Conference on Transportation Systems Engineering & Management CTSEM2017 Organised by Anna University Department of Civil Engineering during 12th and 13th May 2017	
5	Subgrade Stabilization Using Additives for Rural Roads: A Case Study , National Conference on Fifteen years of Pradhan Mandri Gram Sadak Yogana(FYPMGSY) Organised by IIT Roorkee, August 6-7, 2016	2016
6	Travel Time Prediction of Transit using GPS data", Proceedings of Third National Technological Congress (NATCON), Sponsored by CERD Kerala State and Organised by Rajiv Gandhi Institute of Technology, Kottayam pp. 24-28.	2013
7	Estimating Traffic Congestion and Level of Service on Urban Roads using GPS Data" Proceedings of 5th Urban Mobility India & 3rd Research Symposium at New Delhi on 5th Dec2012 organized by IIT Madras and sponsored by Ministry of Urban Development Government of India and IUT NewDelhi. http://urbanmobilityindia.in/Upload/Conference/0072cc23-16b3-47e7-bc1e-b5ac093a34b6.pdf	2012
8	" Preferences of private drivers for Advanced Traveller Information Systems in Trivandrum City" Proceedings of National Conference on Urban Mobility – Challenges, Solutions and Prospects, organized by IIT Madras and CDAC Thiruvananthapuram in association with IIT Bombay and IIM Calcutta sponsored by MoIT and MoUD Govt of India pp 121-123.	2012
9	"Travel time prediction of different modes using GPS- A case study for a small corridor in Trivandrum city."Proceedings of National Conference and workshop on Recent Advances in Traffic Engineering(RATE12) organized by SV NIT, Surat, Gujarat .pp 209-215.	2012
10	"Estimation of travel time based congestion index of a small corridor in Trivandrum city" Proc. of 2nd National Technological Congress 2012, Government Engineering College, Trissur.	2012

Papers published in International Conferences

SL No	Title	Year
1	Investigating the Impact of Pavement Factors on Road Accidents – A Case Study", 8th International Conference on Transportation Systems Engineering and Management, Organised by NIT Calicut CTSEM2021Aug 26-27,2021.	2021
2	Multicriteria Evaluation of Transport Plan for Semi High Speed Rail(SHSR) in Kerala"8th International Conference on Transportation Systems Engineering and Management, Organised by NIT Calicut CTSEM2021Aug 26-27,2021.	2021
3	Gradient Determination for the Design of Electric Autorickshaws Specific to Terrain Characteristics of Kerala State, Using Digital Elevation Model," 5th IEEE International Conference on Intelligent Transportation Engineering (ICITE), Beijing, China, 2020, pp. 66-70, doi: 10.1109/ICITE50838.2020.9231456.	2020
4	" Emergency Vehicle Signal Pre-emption System for Heterogeneous Traffic Condition A Case Study in Trivandrum City," 2019 4th IEEE International Conference on Intelligent Transportation Engineering (ICITE), Singapore, 2019 https://ieeexplore.ieee.org/document/8880151	2019
5	Travel Time Estimation and Routing for Emergency Vehicles Under Indian Conditions," 2018 3rd IEEE International Conference on Intelligent Transportation Engineering (ICITE), Singapore, 2018, pp. 247-252.doi:10.1109/ICITE.2018.8492696 IEEE Xplore URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&number=8492696&isnumber=8492536	2018
6	"Emergency Information System for Thiruvananthapuram City" International conference on Sustainable Civil Infrastructure(ICSCI2014) Jointly organised by American Society of Civil Engineers (ASCE) India session and IIT Hyderabad during Oct 17-18,2014	2014
7	"A study on information requirements for the design of advanced traveller information system in Indian scenario: A case study in Trivandrum city" Proc of International Conference on Advances in Materials and Techniques for Infrastructure Development, NIT Calicut	2011
8	" Speed and Travel Time estimation Using RTMS Facility of BSNL : A New Paradigm" Proc of	2010

Faculty Profile	International Conference on Tecnological Trends, College of Engineering, Trivandrum pp 475-482	
9	Studies on Bituminous Concrete mixes with disposable plastic cups as modifiers" Proc. of International conference on Developments in Road Transportation , NIT Rourkela	2010

Consultancy Details

SL No	Consultancy	Year
1	Coordinator STA College of Engineering Trivandrum, South Kerala for PMGSY rural roads projects for NRRDA under the Ministry of Rural Development, Government of India from Jan 2016 onwards till date.	2016
2	Member (STA, College of Engineering Trivandrum, South Kerala), scrutinizing committee of PMGSY rural roads projects for NRRDA under the Ministry of Rural Development, Government of India for the year 2007 onwards till 2015	2015
3	Consultant in charge of Pathanamthitta and Alappuzha District for NABARD assisted Rural Road Projects	2009

Awards Received

SL No	Title	Organisation
1	IRC COMMENDATION AWARD	Indian Roads Con

Technology Transfer

SL No	Details
1	"Study on compatibility of Interlocking concrete blocks over periodically distressed road sections in Kerala". Technology transferred to Kerala PWD as part of research conducted under TRC

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	"Basic Training for Newly Inducted Officers in PMGSY"	2019,NRIDA, Gov of Kerala
2	"Construction and Maintenance of Flexible and Rigid Pavements including use of new material technologies for Rural roads"	2018,NRIDA&KSF

Positions Held

SL No	Details	Period
1	Coordinator STA College of Engineering Trivandrum, South Kerala for PMGSY rural roads projects for NRRDA under the Ministry of Rural Development, Government of India	2016 -till date
2	Member STA, PMGSY KERALA	2006 -2015
3	Transportation Engineering Laboratory in charge, CET	2011-2013
4	Head of Transportation Engineering Division, CET	2013-2015
5	Director, Board of Directors for the Trivandrum Engineering Science and Technology (TrEST) Research Park	2015-2019
6	Member, State level Standing Committee, Kerala State Rural Roads Development Agency chaired by Hon Chief Secretary of Kerala State	2016-till date
7	Member, Examination Monitoring committee (EMC) Southern Region of APJ Abdul Kalam	2019-2021

Faculty Profile	Technological University	
8	Member Board of Studies (Civil Engineering) for APJ Abdul Kalam Technological University as per UO No.71/2021/KTU dtd 16/01/2021	2021 - till date
9	Member Curriculum Committee 2019scheme(Civil Engineering) for APJ Abdul Kalam Technological University as per proceedings KTU/DIRECTOR(Academic)/1702/2019 dtd 07/05/2019	2019-2021
10	Member, Periodical performance evaluation committee of State Quality Monitors in PMGSY Kerala as per GO (Rt)No 329/2020/LSGD	2020 - till date
11	Member Representative of KTU to Board of Studies (Civil Engineering) for Mar Baselios College of Engineering and Technology Thiruvananthapuram (Autonomous) as per U.O.No. 1072/2021/KTU dtd 07/07/2021	2021 - till date
12	Member, Quality monitoring Committee for framing an internal cell for Assessing Quality for LSGD works as per GO (Rt)No 1591/2021/LSGD dated Trivandrum 17/08/2021	2021 - till date

Expert Talks Delivered

SL No	Title	Year
1	"Emergency Information System for Thiruvananthapuram City	2014
2	Advanced Traveller Information Systems for Indian Cities	2013
3	Interlocking Concrete block pavements for Rural roads	2015
4	Advanced Traveller Information Systems	2015
5	"Pavement Design for PMGSY roads	2015
6	Advanced Traveller Information Systems	2015
7	"Material Characterization	2018
8	Intelligent Transportation Systems"	2021
9	Construction Practices and Evaluation of Interlocking Concrete block pavements"	2021
10	"Bituminous Pavement Construction- An overview"	2021

19.Name **ANJANA A. V. PANICKER**



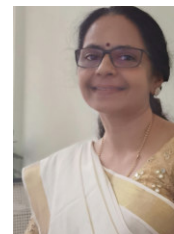
Date of Birth 25/05/1977

Gender Female

Faculty Profile	
Mobile No	9847545008
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	10/09/2021
Qualification(UG)	BSc Geology
Qualification(PG)	MSc Geology
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	14
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	5 years
Area of Specialisation	Geochemistry & Petrology
No.of Papers Published(National)	4
No.of Papers Published(International)	Nil
No.of Papers in conferences(National)	6
No.of Papers in conferences(International)	2
Professional Memberships	Life time member of Geological Society of India, Bangalore

Page No.	_____
Register Number	_____
Signature of Candidate	_____

21.Name **BEENA P R**



Date of Birth 25/05/1969

Gender Female

Mobile No 9496887003

Faculty Type PERMANENT

Designation Associate Professor

Department Civil Engineering

Date of Joining in the Institution 01/06/2000

Qualification(UG) B Tech in Civil Engineering

Qualification(PG) M Tech in Structural Engineering

Qualification(Ph. D) Ph. D

Total Experience in years(Teaching) 22

Total Experience in years(Industry) 8 years

Total Experience in years(Research) 10

Area of Specialisation High performance concrete

No.of Papers Published(National) 0

No.of Papers Published(International) 3

No.of Papers in conferences(National) 13

No.of Papers in conferences(International) 4

Professional Memberships ISTE LM 29548, ICI L M No.9959

PROJECTS GUIDED IN MASTER'S LEVEL

Faculty Profile

Area of Specialisation	Structural Engineering	
University	Kerala	
Student Name	Project Title	Year
Maya B.S	Analysis of Beams on Elastic Foundation by Vlasov Model approach	2002
Asha B	A Study on the Effect of Semi-rigidity of bolted joints in the Behavior of Steel Trusses	2004
Sreepriya V	Effect of using Mineral Admixtures in High Strength Concrete	2006
Faisal P.A	Study on the Utilization of Waste Glass in Concrete	2008
Anisha, T	Effect vertical Reinforcement on High Performance Concrete Wall Panels	2010
Rajimol S Raju	Effect of aspect ratio on strength and behavior of UHPC wall panels under in plane loading	2012
Anil, R	Effect of Horizontal Reinforcement on the Structural Behavior of Ultra High Performance Concrete Wall Panels	2012
Ashok, M	Effect of fibers on UHPC wall panels	2012
Devika, S.V	Effect of Openings on Ultra High Performance Concrete Wall Panels under One-way In-plane Loading	2014
Anusree, A	Effect of Openings on UHPC Wall Panels under Two-way In-plane Loading	2015
Abhirami A J	Flexural Behaviour of Ultra High Performance Concrete T Beams	2016
Nibin Gafoor	Experimental study on Reinforced Concrete Beams Retrofitted with Natural Rubber Latex Modified Ferrocement	2017
DAYAL KURIAN VARGHESE	PERFORMANCE EVALUATION OF TREATED BAMBOO REINFORCED CONCRETE BEAM	2018
KRISHNA PRIYA S. A.	SHEAR BEHAVIOUR OF ULTRA HIGH PERFORMANCE FIBRE REINFORCED CONCRETE WITH GFRP REBARS	2019
ANOOP AP	STUDY ON NEAR SURFACE MOUNTED REINFORCEMENT FOR STRENGTHENING DEEP BEAM WITH LONGITUDINAL BEAM	2021
JABIR I	STUDY ON THE RESPONSE OF MULTISTORIED BUILDING WITH FLOATING COLUMNS UNDER EARTHQUAKE LOAD	2021
UMESH R U	FINITE ELEMENT ANALYSIS OF PRECAST BEAM-COLUMN JOINT WITH WEDGE EFFECT	2021

Papers published in International Journals

SL No	Title	Year
1	Behavior of ultra high perfor-mance concrete wall panels un-der two-way in-plane loading, International Journal Structural Engineering Vol.5, No.3,2014, 262-278	2014
2	Influence of Horizontal Rein-forcement on Ultra High Per-formance Concrete Wall Panels under Two way in plane action International Journal of Scientific & Engineer-ing Research Volume.4, Issue 5, May- 2013 149-152	2013
3	Effect of Fibers on Ultra High Performance Concrete Wall Panels with Openings International Journal of Scientific & Engineer-ing Research, Volume 5, Issue 7, July-2014 500-505	2014

Papers published in National Conferences

SL No	Title	Year
--------------	--------------	-------------

Faculty Profile		
1	Maya B.S., Beena P.R. "Analysis of Beams on Elastic Foundation by Vlasov Model approach", IV National Seminar on Recent Trends in Technological Advancements, College of Engineering	2002
2	Asha B., Beena P.R., "A Study on the Effect of Semi-rigidity of bolted joints in the Behavior of Steel Trusses. V National Seminar on Recent Trends in Technological Advancements, College of Engineering, Trivandrum	2004.
3	Sreepriya V., Beena P.R., "Properties of High Strength Concrete using Mineral Admix-tures" "Proceedings of National Conference on Concrete Technology for the the Fu-ture",	2006
4	Faisal P.A., Beena P.R., " Study on the Utilization of Waste Glass in Concrete" IX National Conference on Recent Trends in Technological Advancements, College of Engineering, Trivandrum. 196-197	2008
5	Anisha, T., Beena, P.R., Ruby, A., "Effect vertical Reinforcement on High Performance Concrete Wall Panels", International Conference on Technological Trends (ICTT 2010), College of Engineering, Trivandrum	2010
6	Rajimol S Raju, Beena P.R, Dr. Ruby Abraham, " Effect of aspect ratio on strength and behavior of UHPC wall panels under one-way in plane loading" XI National Conference on Recent Trends in Technological Advancements, College of Engineering, Trivandrum.	2011
7	Rajimol, S. R., Beena, P.R, Ruby, A., "Effect of Aspect Ratio on the Strength and Behavior of HPC Wall Panels in One-way and Two-way In-Plane action", X National Conference on Recent Trends in Technological Advancements, College of Engineering, Trivandrum	2011
8	Anil, R., Beena, P.R, Ruby, A., "Effect of Horizontal Reinforcement on the Structural Be-havior of Ultra High Performance Concrete Wall Panels", XI National Conference on Re-cent Trends in Technological Advancements, College of Engineering, Trivandrum,	2012
9	Ashok, M., Beena, P.R, Ruby, A., "Effect of fibers on UHPC wall panels", XI National Conference on Recent Trends in Technological Advancements, College of Engineering, Trivandrum	2012
10	Devika, S.V., Beena, P.R, Ruby, A., "Effect of Openings on Ultra High Performance Con-crete Wall Panels under One-way In-plane Loading", XIII National Conference on Recent Trends in Technological Advancements, College of Engineering, Trivandrum	2014
11	Anusree, A., Beena, P.R, Ruby, A., "Effect of Openings on UHPC Wall Panels under Two-way In-plane Loading", XIV National Conference on Recent Trends in Technological Ad-vancements, College of Engineering, Trivandrum	2015
12	Abhirami A J, Beena P R, "Flexural Behaviour of Ultra High Performance Concrete T Beams", 17th National Conference on Technological Trends (NCTT-2016), College of En-gineering, Trivandrum	2016
13	Nibin Gafoor, Beena P R, "Experimental study on Reinforced Concrete Beams Retrofitted with Natural Rubber Latex Modified Ferrocement" 18th National Conference on Techno-logical Trends (NCTT-2017), College of Engineering, Trivandrum	2017

Papers published in International Conferences

SL No	Title	Year
1	A study on the effect of horizon-tal reinforcement on the struc-tural behavior of UHPC wall panels under one way and two way in plane loading Proceedings of the Indo- Brazil Bilateral Interna-tional Conference on Advanced Materials and Manufacturing-ICAMM 2015, Cape Institute of Technology, Levenjipu-ram Tirunelveli, March 27-28, 2015 ID MT 106 WAA Pp 1-7	2015
2	Anisha, T., Beena, P.R., Ruby, A., "Effect vertical Reinforcement on High Performance Concrete Wall Panels, International Conference on Technological Trends (ICTT 2010), College of Engineering, Trivandrum	2010
3	Devika, S.V., Beena, P.R, Ruby, A., Ganesan, N, "Effect of Fibers on Ultra High Perfor-mance	2014

Faculty Profile	Concrete Wall Panels with Openings”, 2nd International Conference on Materials Mechanics and Management (IMMM 2014), College of Engineering, Trivandrum, 17-19 Dec 2014.	
4	Nibin Gafoor, Beena P R, “Effect of Rubber Latex in Concrete with Metakaolin Admix-ture” 3rd International Conference on Materials Mechanics and Management (IMMM 2017), College of Engineering, Trivandrum, 13-15 July 2017.	2017

Short Terms Courses/Workshops Attended

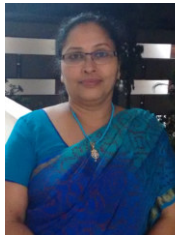
SL No	Title	Duration
1	Applications of Sen-sors in Civil Engi-neering Research	3 days
2	Applications of Ad-vanced Composite Mate-rials in Engineering	3 days
3	Advanced Software Applications in Civil Engineering	3 days
4	Research Document Preparation Using LaTeX	5 days
5	SPSS and MS Excel for Engineers and Scientists	5 days
6	Potentials of Interdis-ciplinary Research in Engineering	5days
7	Recent Advances in RCC/Prestressed Concrete Bridge De-sign	5 days
8	Health Monitoring of RCC/Steel Structures CET, Trivandrum	6 days
9	Advances in NDT methods for flaw de-tection	6 days

Positions Held

SL No	Details	Period
1	Survey Laboratory, Lab in charge(Additional)	2003-2007
2	P G Staff Advisor (Additional charge)	2002-2003
3	College staff club, Executive member / cashier	2004-2008
4	Computer lab, Lab in Charge (Additional)	2008-2011
5	Computer lab, Staff in Charge	2012-2014
6	B.Tech Staff advisor	2013-2017
7	S M Lab Additional charge	2015
8	ICT Staff in charge	2015-2017
9	ICI Student Chapter,Member of Advisory com-mittee	2016 onwards
10	Department Time table in Charge	2017-2020
11	Structural lab in charge	2018 -2020
12	Council for College Development and Maitenance (CCDM) Department Executive member	2017-2019
13	Council for College Development and Maitenance (CCDM) Cordinator	2019 onwards
14	ICI Student Chapter, Civil Cordinator	2020 onwards
15	M Tech advisor 2022 Structures, Civil	2022 onwards

Faculty Profile

22.Name **BINU SARA MATHEW**



Date of Birth	30/05/1966
Gender	Female
Mobile No	9446192874
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	01/06/2000
Qualification(UG)	B Tech in Civil Enginerring
Qualification(PG)	M Tech in Traffic and Transportation Engineering
Qualification(Ph. D)	PhD in Civil Engineering
Total Experience in years(Teaching)	21
Total Experience in years(Industry)	2
Total Experience in years(Research)	17
Area of Specialisation	Pavement Engineering
No.of Papers Published(National)	3
No.of Papers Published(International)	5
No.of Papers in conferences(National)	25
No.of Papers in conferences(International)	4
Professional Memberships	Life member ISTE

Ph.D's Guided

Area of Specialisation Pavement Engineering

University University of Kerala

Faculty Profile Student Name	Thesis Title	Year
Susan rose	Development of an Optimal Maintenance Strategy for Low Volume Roads	2015
Bindhu Bernad	Expeimental investigation of SMA Modified with WMA	2016
Salini P.N.	Analysis of Effect of Overtaking on Mixed Traffic Flow Characteristics	2019
Reshmy D.S	Effect of Traffic Congestion on Urban Air Quality	2020

Projects Guided in Master's Level

Area of Specialisation	Transportation Planning	
University	University of Kerala	
Student Name	Project Title	Year
Margaret Sherin Joseph	Traffic Forecasting and Feasibility Studies of Improvement Options for Roads within Trivandrum City	2003
Budhru Sreedhar	Effect of Shape of Aggregates on Mix Design of Bituminous Concrete	2003
Reshmy D.S.	Performance Modelling of Rural Road Pavements Using Artificial Neural Network	2005
Rajesh K.N.	Experimental Investigation on Coir Geo- Textile Reinforced Clay Subgrades	2006
Susan Rose	Development of Pavement Deterioration Models and Calibration of HDM-4 for Rural Roads	2007
Bindhu Bernad	Effect of Mixing and Compaction Temperature on Properties of Bituminous Concrete Mix	2007
Raji S. S.	Determination of Optimal Timing and Maintenance Treatment for Rural Roads in Kerala	2008
Gayathri Mohan	Effect of Stabilization and Fibre Reinforcement on Characteristics of Kuttanad Clay as Subgrade Soil	2011
XXXX	Effect of Gradation and Shape of Aggregates on the Properties of Stone Matrix Asphalt	2009
Arathy M.A	Development of a Simulation Model for Rutting Prediction in Flexible Pavements	2013
Ammu Alex	Effect of Temperature on Properties of Bituminous Concrete Mix Modified Using Nanoclay and Sasobit	2014
Aarsah S Hari	Development of a Simulation Model for Prediction of Fatigue Cracking in Flexible Pavements	2014
Tresa Rani Baby	Development of Probabilistic Pavement Condition Prediction Model and a Methodology for Prioritization of Low Volume Roads	2015
Aravind S.	Modelling of Pavement Response due to Dynamic Vehicle Loading	2015
Abhaya A.S.	Optimisation of Maintenance Strategies for Low Volume Roads Using Porobalistic Approach	2016
Aswana Sara Thomas	Experimental Investigation on Performance of Bituminous Concrete Mix Modified with WMA	2017
Rahul R	. Stress-Strain Analysis of Short Panelled Concrete Pavements 2017	2017
Subitha P.S.	Development of Pavement Condition Prediction Model using System Dynamics	2018
Dona Philip	Laboratory Investigation on Performance of WMA Modified SMA Mix	2019
Athulya B.R.	Effect of kerb side bus stops on heterogeneous traffic characteristics	2020
Archa S.	Analysis of overtaking behaviour of vehicles on undivided two lane highways	2020

Papers published in National Journals

Papers published in National Journals

Faculty Profile

SL No	Title	Year
1	Performance Modelling of Rural Road Pavements using Artificial Neural Networks Binu Sara Mathew & Reshmy D.S. Indian Highways, January 2008, Vol.36, No.1, pp. 31-39.	2008
2	Influence of Flaky and Elongated Aggregates on the Properties of Bituminous Concrete Mix Binu Sara Mathew, Sreedhar B.S & Kuncheria P. Isaac Journal of Institution of Engineers (India), August 2008, Vol.91, pp.54-58.	2008
3	Pavement Performance Modelling and Calibration of HDM-4 Deterioration Models for Rural Roads in India Binu Sara Mathew , Susan Rose, K.P.Isaac B.P. Chandrasekhar Journal of Institution of Engineers (India), August 2010, Vol.91, pp. 29-35.	2010

Papers published in International Journals

SL No	Title	Year
1	Optimization of Maintenance Strategy for Rural Road Network using Genetic Algorithm Binu Sara Mathew and Kuncheria P. Issaac International Journal of Pavement Engineering, (Taylor and Francis, U.K), 2015, Vol.15, Issue 4, 2014, pp.352-360.	2014
2	Analytical Investigation on the Benefit of Sisal Fibre Reinforcement of Expansive Clayey Subgrade using FEM Binu Sara Mathew, Gayathri Mohan, Kuncheria P. Issaac, and Susan Rose International Journal of Engineering and Advance Technology, Volume-3, 2014, issue 6, pp.149-153.	2014
3	Development of Probabilistic Deterioration Models and Prioritisation of Low Volume Roads for Maintenance Susan Rose, Binu Sara Mathew & Kuncheria P. Isaac International Journal for Traffic and Transport Engineering, 2017, 7(2): 216 – 231.	2017
4	Risk based probabilistic pavement deterioration prediction models for low volume roads Susan Rose, Binu Sara Mathew, Kuncheria P. Isaac & A. S. Abhaya A.S. International Journal of Pavement Engineering, Taylor & Francis, UK. 2018.	2018
5	Development of Pavement Deterioration Prediction Models for Low Volume Roads Using System Dynamics Subitha P. Sudhan, Binu Sara Mathew, Susan Rose, and Kuncheria P. Isaac Journal Transportation Engineering, (Part B-Pavements), ASCE, 2020.	2020

Papers published in National Conferences

SL No	Title	Year
1	Performance Modelling of Rural Road Pavements using Artificial Neural Networks Binu Sara Mathew Proceedings of VIth National Conference on Technological Trends", 25th to 26th November, 2005, College of Engineering, Trivandrum	2005
2	Experimental Investigations on Coir GeoTextile Reinforced Clayey Subgrades Binu Sara Mathew Proceedings of VIIth National Conference on Technological Trends", 17th & 18th November, 2006, College of Engineering, Trivandrum	2006
3	Development of Pavement Performance Models for Rural Roads Binu Sara Mathew Proceedings of National Conference and Exposition on Rural Roads, New Delhi 22nd to 24th May 2007	2007
4	Development of Deterioration Models for Rural Roads Binu Sara Mathew Proceedings of viiiith National Conference on Technological Trends, College of Engineering, Trivandrum, 30th November to 1st December 2007	2007
5	Effect of Mixing and compacting Temperatures on the Properties of Bituminous Concrete Mixes Binu Sara Mathew Proceedings of viiiith National Conference on Technological Trends, College of Engineering, Trivandrum, 30th November to 1st December 2007	2007
6	Study of Travel Time Ratio for Home Based Work Trip Binu Sara Mathew Proceedings of viiiith	2007

Faculty Profile	National Conference on Technological Trends, College of Engineering, Trivandrum, 30th November to 1st December 2007	
7	Experimental Investigation on Stone Matrix Asphalt Using Coir Fibre & Various Fillers Binu Sara Mathew Proceedings of ixth National Conference on Technological Trends, College of Engineering, Trivandrum, 2008	2008
8	Effect of Gradation of Aggregates on the Properties of Stone Matrix Asphalt Binu Sara Mathew Proceedings of xith National Conference on Technological Trends, College of Engineering, Trivandrum, 2010	2010
9	Optimization of Maintenance Strategy for Rural Road Network Using HDM-4 Binu Sara Mathew Proceedings of NATCON (2011), College of Engineering, Trivandrum, 28th to 29th January 2011	2011
10	Effect of Sisal Fibre Reinforcement on the Performance of Kuttanad Clay as Subgrade Soil Binu Sara Mathew Proceedings of xiiith National Conference on Technological Trends, College of Engineering, Trivandrum, 2012	2012
11	Analytical Study on the Benefit of Sisal Fibre Reinforcement of Expansive Clayey Subgrade using FEM Binu Sara Mathew, and Gayathri Mohan Proceedings of National Conference Geotechnical and Geo-environmental Aspects of Wastes and Their Utilization in Infrastructure Projects “February 15th–16th, 2013, Guru Nanak Dev Engineering College, Ludhiana (GNDEC)	2013
12	Development of a Simulation Model for Rutting Prediction in Flexible Pavements Binu Sara Mathew, and Arathy M. A. Proceedings of xivth National Conference on Technological Trends, College of Engineering, Trivandrum, 2013	2013
13	Effect of temperature on Properties of Bituminous Concrete Mix Modified Using Sasobit Binu Sara Mathew, and Ammu Alex Proceedings of xvth National Conference on Technological Trends, College of Engineering, Trivandrum, 2014 (Secured Best paper Award)	2014
14	Development of a Simulation Model for Prediction of Fatigue Cracking in Flexible Pavements Binu Sara Mathew, and Aarsha S. Hari Proceedings of xvth National Conference on Technological Trends, College of Engineering, Trivandrum, 2014	2014
15	Prioritization of Low Volume Roads Based on a Unified Pavement Condition Inex Abhaya S , Susan Rose,& Binu Sara Mathew Proceedings of xvlth National Conference on Technological Trends, College of Engineering, Trivandrum, September 2015	2015
16	Prioritization of Low Volume Roads for Maintenance Susan Rose, Binu Sara Mathew Dr. Kuncheria P Isaac National Conference on Emerging Trends in Civil Engineering, October 7th & 8th 2016 GEC, Kozhikode	2016
17	Optimisation of Maintenance Strategies for Low Volume Roads Using Probabilistic Approach Tresa Rani Baby, Susan Rose,& Binu Sara Mathew Proceedings of xvllth National Conference on Technological Trends, College of Engineering, Trivandrum, 2016, pp738-41	2016
18	Modelling of Pavement Responses Under Vehicle Dynamic Loading Aravind Suresh & Dr. Binu Sara Mathew Proceedings of xvllth National Conference on Technological Trends, College of Engineering, Trivandrum, 2016, pp.786-791	2016
19	Stress Strain Analysis of Panelled Concrete Pavements Rahul M & Dr. Binu Sara Mathew Proceedings of xvlll th National Conference on Technological Trends, College of Engineering, Trivandrum, 21& 22 nd July 2017.	2017
20	Experimental Investigation of Bituminous Concrete Modified Using WMA Aswana Sara Thomas & Dr. Binu Sara Mathew Proceedings of xvlll th National Conference on Technological Trends, College of Engineering, Trivandrum, 21& 22 nd July 2017.	2017
21	Effect of Bus Stops on Mixed Traffic Flow Characteristics”, Binu Sara Mathew Proceedings of 14th Kerala Science Congress, Kochi, 29th-31st January 2002. (Author was awarded Young Scientist Award for this paper).	2002
22	Pavement Deterioration Models for Rural Roads in Kerala”, Binu Sara Mathew Proceedings of 18th	2006

Faculty Profile	Kerala Science Congress, Trivandrum, 29th-31st January 2006	
23	Pavement Performance Models for Rural Roads Susan Rose, Binu Sara Mathew & Kuncheria P Isaac Proceedings of,20th Kerala Science Congress, Trivandrum, 28th to 31st January 2008. (Co-author was awarded Young Scientist Award for this paper)	2008
24	Computer Application in Marshall Mix Design Using Microsoft Access Binu Sara Mathew & Raji S. S. 20th Kerala Science Congress, Trivandrum, 28th to 31st January 2008	2008
25	Optimal Maintenance Strategy and Timing for Rural Roads Using Artificial Neural Network Binu Sara Mathew & Reshmy D.S. Proceedings of 22nd Kerala Science Congress, Thrissur, Kerala. 28th to 31st January 2010	2010

Papers published in International Conferences

SL No	Title	Year
1	Determination of Optimal Maintenance Strategy and Timing for Rural Roads Binu Sara Mathew Kuncheria P Isaac Proceedings of the International Conference on Advances in Materials, Mechanics and Management, College of Engineering, Trivandrum, 14th to 16th January 2010.	2010
2	Prioritization of Low Volume Roads Using Fuzzy Multi Criteria Decision Making Susan Rose, Binu Sara Mathew Dr. Kuncheria P Isaac Proceedings of the 3rd International Conference on Advances in Materials, Mechanics and Management, College of Engineering, Trivandrum, 13th to 15th July 2017.	2017
3	A Review of Urban Traffic Induced Black Carbon Emissions, D. S. Reshmy, B. S. Mathew & K Swarnalatha 6th Indian International Conference on Air Quality Management, 1th to 1th December 2021	2021

Books Published

SL No	Title	Coauthors
1	Sustainable Engineering, ISBN:978-81-932112-1-2	Dr. Swarnalatha K
2	Basics of Engineering, ISBN 978-81-932112-3-6,	Dr. Swarnalatha K

Awards Received

SL No	Title	Organisation
1	Young Scientist Award	Dept. of Science & Govt. of Kerala

23.Name Dr. Anu P. Alex



Date of Birth 28/05/1980

Gender Female

Mobile No 9447201341

Faculty Profile	
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	18/05/2011
Qualification(UG)	B Tech
Qualification(PG)	ME
Qualification(Ph. D)	Ph. D
Total Experience in years(Teaching)	14
Total Experience in years(Industry)	3.5
Total Experience in years(Research)	0
Area of Specialisation	Transportation Engineering
No.of Papers Published(National)	4
No.of Papers Published(International)	6
No.of Papers in conferences(National)	19
No.of Papers in conferences(International)	5
Professional Memberships	IRC

Projects Guided in Master's Level

Area of Specialisation	Transportation Engineering	
University	University of Kerala	
Student Name	Project Title	Year
Deepa M J	DEVELOPMENT OF WORK ACTIVITY GENERATION MODEL FOR THIRUVANANTHAPURAM CITY	2013
Eldho Paulose	MODELLING CROSSWALK SPEED OF PEDESTRIANS BASED ON WALKABILITY INDEX	2014
Varun V	CONSTRUCTION OF LATENT VARIABLE ENRICHED MODE CHOICE MODEL FOR THIRUVANANTHAPURAM CITY	2014
Prinsha T	Generation of synthetic population for Thiruvananthapuram city	2015
Anoop Sreedhar	Development of informal activity generation model system for Thiruvananthapuram city	2015
Anu P R	MODE CHOICE MODELLING USING FUZZY LOGIC	2016
Benit Philipose	DEVELOPMENT OF ROUTE CHOICE MODEL BY INCORPORATING UNCERTAINTIES	2017
Shilpa P V	Trip assignment modelling for Thrissur city	2018

Faculty Profile Jinit J Dcruz	Impact assessment of short term management measures on travel demand using CUBE Voyager	2019
Hima V	Sustainability assessment of transportation at Kazhakuttom	2019
Abhilasha Santhoshkumar	ACTIVITY BASED TRAVEL DEMAND MODELLING USING CUBE SOFTWARE	2020
Gopika Vinayakumar	ESTIMATION OF TRAFFIC EMISSIONS BY INTEGRATING COPERT AND CUBE	2021

Papers published in National Journals

SL No	Title	Year
1	Maresh Chand, Anu P. Alex , “Analysis of accident causative factors using time dependent accident data” , Indian Highways, October 2005.	2005
2	Maresh Chand, Anu P. Alex "A comparative analysis of accident risks of States in India", Highway Research Bulletin, July 2007	2007
3	Maresh Chand, Anu P. Alex “Traffic Noise Prediction Modeling and Analysis for Thiruvananthapuram City”, Indian Highways, March 2010.	2010
4	Mohandas, P., Saraswathy, M.V. & Alex, A.P. ,Development of an Algorithm for Bus Routing and Tracking for an Educational Institution: A Case Study. Journal of Institution of Engineers India Series A (2020). https://doi.org/10.1007/s40030-020-00493-x	2020

Papers published in International Journals

SL No	Title	Year
1	Anu P. Alex , Manju V. Saraswathy , Kuncheria P. Isaac, Modelling Of Daily Activity Schedule Of Workers Using Unsupervised Machine Learning Technique, International Journal for Traffic and Transport Engineering, Vol. 6. No. 1, 2016, pp : 77 – 91.	2016
2	Anu P. Alex , Manju V. Saraswathy , Kuncheria P. Isaac, Latent variable Enriched Mode Choice Models for Work Activity in Multi Modal Condition Prevalent in India, International Journal for Traffic and Transport Engineering, Vol. 6. No. 4, 2016, pg: 378 - 389	2016
3	Shilpa Pulinkave Variyam, Anu Plavara Alex , Manju Vasudevan Saraswathy, Shaheem Shahul Hameed, Trip assignment modelling for an indian city to assess the benefits of proposing ring roads. International Journal for Traffic and Transport Engineering, 2020, 10(1): 69 – 80. DOI: http://dx.doi.org/10.7708/ijtte.2020.10(1).07	2020
4	Jinit J. M. D'Cruz, Anu P. Alex, V. S. Manju, Leema Peter, Impact assessment of short-term management measures on travel demand, Archives of Transport, Vol. 53. Issue 1, 2020, pg: 37 – 52. DOI: 10.5604/01.3001.0014.1743	2020
5	Anu P. Alex , Manju V. S., Kuncheria P. Isaac, “Modelling of Activity-Travel Pattern with Support Vector Machine”, European Transport Trasporti Europei (2021) Issue 82, Paper n° 2, ISSN 1825-3997. https://doi.org/10.48295/ET.2021.82.2	2021
6	Anu P. Alex , Manju V. Saraswathy , Kuncheria P. Isaac, Modelling of Travel Behaviour of Students using Artificial Intelligence, Archives of Transport, Vol. 51. Issue 3, 2019, pg: 7 – 19. DOI: 10.5604/01.3001.0013.6159	2019

Papers published in National Conferences

SL No	Title	Year
1	Samson Mathew, Anu P. Alex, “Travel and Mode Choice Behaviour of Trip Makers – A Comparative	2003


Faculty Profile	Study between Kerala & Tamil Nadu”, National Conference on Advances in Civil Engineering: Perspectives of Developing Countries (ACEDEC 2003) held at Harcourt Butler Technological Institute, Kanpur.	
2	Maresh Chand, Anu P. Alex “Safe Design of Intersections through Road Safety Auditing” , National conference “START-2005” ,IIT Kharagpur, December 2004	2005
3	Maresh Chand, Anu P. Alex “Identification of Accident Factors by using Time Dependent Accident Data ”(Co-author), Kerala Science Congress-XVII, January 2005	2005
4	Anu P. Alex "Vulnerable Road Users - An action plan for safety", National Conference on Focussing on Advances in Civil Engineering (FACE 08) held at TKM College of Engineering, Kollam, February 2008.	2008
5	Anu P. Alex, Amina Salim Padiyath “Traffic Improvement Plan For Kottayam City – Proposal and Economic Evaluation of Fly over”, Kerala Science Congress-XXI, January 2009	2009
6	Anu P. Alex "Proposal and Economic Feasibility Study of Fly over for Kottayam City", National Conference on recent Innovations in Technology (NCRIT 2009) held at Rajiv Gandhi Institute of Technology, Kottayam, March 2009	2009
7	Deepa M. J., Anu P. Alex, Manju V. S., Dr. Kuncheria P. Isaac, “A Binary Logistic Model to Predict Work Trips”, 14th National Conference on Technological Trends (NCTT 2013) College of Engineering Trivandrum, August 2013	2013
8	Bhageerathi K. P., Anu P. Alex, Manju V. S., Raji A. K., “Utilisation of Medical Plastic Waste in Road Construction”, National Conference on Changing Climatic Scenario and Sustainable Resource Management (CSSR 2014), 17-19 January 2014, NSS College of Engineering, Palakkad.	2014
9	Varun V., Anu P. Alex, “Identification of Latent Variables affecting the Mode Choice for Working Trips in Trivandrum City”, National Conference on Technological Trends-2014, August 2014, College of Engineering Trivandrum	2014
10	Eldho Paulose, Anu P. Alex, “Crosswalk Speed Modelling for High Walkability Index Areas in Trivandrum City”, National Conference on Technological Trends-2014, August 2014, College of Engineering Trivandrum	2014
11	Anu P. Alex, Dr. Manju V. S., Dr. Kuncheria P. Isaac, “Generation of Synthetic Population for Thiruvananthapuram City”, 2nd Conference on Transportation System Engineering and Management (CTSEM), May 2015 held at NIT Thiruchirappalli.	2015
12	Prinsha T., Anu P. Alex, Manju V. S. “Generation of synthetic population using Beckman’s method ”, National Conference on Technological Trends- 2015, College of Engineering Trivandrum	2015
13	Anu P. Alex , Anoop Sreedhar., Manju V. S “Development of Informal Activity generation model system for Thiruvananthapuram city ”, National Conference on Technological Trends- 2015, College of Engineering Trivandrum.	2015
14	Anu P. R., Anu P. Alex, ‘Development of Mode Choice Model for Work Trips in Thiruvananthapuram City’, National Conference on Technological Trends- 2016, CET	2016
15	Benit Philipose, Anu P. Alex, ‘Development of Route Choice Model Using Quantum Theory’, National Conference on Technological Trends- 2017, CET	2017
16	Abhilasha Santhosh Kumar, Dr. Anu P Alex, Dr. Manju V S and Gopika Vinayakumar. “Determination of Level of Service of pedestrian facilities-A case study”, 7th Conference on Transportation Systems Engineering and Management, December 2020. Pg: 62-65.	2020
17	Swetha C V, Dr. Manju V S, Dr. Anu Alex and Leema Peter. ”Estimation Of Accessibility By Non – Motorised Transportation Using GIS”, 7Th Conference on Transportation Systems Engineering and Management, December 2020. Pg:75-77	2020
18	Cijin Jayakumar, Dr. Manju V S, Dr. Anu P Alex and Dr. Leema Peter. “Modelling Of Pollutants – A	2020

Faculty Profile	Case Study" 7Th Conference on Transportation Systems Engineering and Management, December 2020. Pg 78-82
------------------------	--

19	Gauri Nair, Devi Priya B, Theerdha B S, Varsha B, Dr. Anu P Alex, Dr. Manju V S "Emission Inventory At Kazhakuttom Using GIS". 7Th Conference on Transportation Systems Engineering and Management, December 2020. Pg 71-74	2020
----	---	------

Papers published in International Conferences

SL No	Title	Year
1	Anu P. Alex, Dr. Manju V. S., Suji R. Chandran, "A Nuero – Fuzzy Approach to Route Choice Modelling", International Conference on Computing, Technology and Engineering (ICCTE 2013) held at Dubai 11-12, March 2013.	2013
2	Anu P. Alex , Prinsha T., Manju V. S. , "Generation of Synthetic Population Using Markov Chain Monte Carlo Simulation method ", Fourth International Conference on Recent Trends in Transportation, Environmental and Civil Engineering – December TECE2015, Kochi	2015
3	Anu P. Alex , Manju V. Saraswathy , Kuncheria P. Isaac, Development Of Non Mandatory Activity Generation Model System Of Non Workers Using Artificial Neural Network, presented and published in the 27th ARRB Conference, Melbourne, Australia, Nov 2016	2016
4	Anu P. Alex, Saranya Ullas "Performance Evaluation of Pavements by Visual Rating – A Case Study", International Conference on Modeling & Simulation in Civil Engineering (ICMSC2011) held at TKM College of Engineering, Kollam, December 2011.	2011
5	Anu P. Alex, Saranya Ullas "Performance Evaluation of Pavements in Kottayam City ", International Conference on Recent Innovations in Technology (ICRIT 2012) held at Rajiv Gandhi Institute of Technology, Kottayam, January 2012.	2012

24.Name	Dr. Padmakumar R	
Date of Birth	21/05/1975	
Gender	Male	
Mobile No	9497595165	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Civil Engineering	
Date of Joining in the Institution	02/06/2000	
Qualification(UG)	B.Tech Civil Engineering, University of Kerala 1996	
Qualification(PG)	Traffic and Transportation Engg, University of Kerala 1998	
Qualification(Ph. D)	Transportation Systems Engg., IIT Bombay, 2010	
Total Experience in years(Teaching)	21	
Total Experience in years(Industry)	1	
Total Experience in	18	

years(Research)

Faculty Profile

Area of Specialisation	Traffic and Transportation Engg
No.of Papers Published(National)	1
No.of Papers Published(International)	4
No.of Papers in conferences(National)	4
No.of Papers in conferences(International)	6
Professional Memberships	ISTE

Ph.D's Guided

Area of Specialisation	Pavement Studies	
University	KTU	
Student Name	Thesis Title	Year
Vignesh D	Study on Sustainable Modular Bituminous Pavement	2018-
Nimisha Mathew	Studies on Integrated Multimodal Transport	2021-

Papers published in International Journals

SL No	Title	Year
1	Calibration of Microsimulation Models for non-lane based heterogeneous traffic at urban signalized intersections, Journal of Urban Planning and Development, ASCE, With Dr. Tom V. Mathew	2010
2	Passenger Car Units and Saturation flow Models for non-lane based heterogeneous traffic at Signalized intersections, Transportmetrica, Taylor and Francis, With Dr. Tom V. Mathew	2010
3	A Hybrid Stochastic Cellular Automata Driver vehicle object model for heterogeneous traffic at signalized intersections, Journal of Computing in Civil Engineering, ASCE, With Dr. Tom V. Mathew	2013
4	Level of Safety and Crossing Warrants for Crosswalks using Surrogate safety Measures, Transport, Proceedings of The Institution of Civil Engineers, with Dr. Sheela Alex	2022

Consultancy Details

SL No	Consultancy	Year
1	Pavement and soil studies on MC Road	2015
2	Quality check on PMGSY road in Parassala	2016
3	Traffic Circulation and Geometric Design for M/s Virtus group(Technopark Phase III)	2014

Awards Received

SL No	Title	Organisation
1	Special Mention in the Art of Teaching Contest	Kerala Technologi

Patents/Grants Fetched

SL No	Patent	Grant
1		RPS- NDF

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Sustainable Transportation System Planning	5 days, 2000 Dec

Positions Held

SL No	Details	Period
1	Coordinator, TRC	2016-18
2	Visiting Faculty Coordinator	2019-till date
3	co-cordinator, Kerala Education Grid at CET	2004

25.Name Dr. PREETHI P



Date of Birth	31/05/1974
Gender	Female
Mobile No	9447957372
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	02/12/2000
Qualification(UG)	B.Tech in Civil Engineering
Qualification(PG)	M.Tech in Traffic and Transportation planning
Qualification(Ph. D)	Ph.D in Civil Engineering
Total Experience in years(Teaching)	21 years

Total Experience in Nil

Faculty Profile

Total Experience in years(Industry)	15 years
Total Experience in years(Research)	
Area of Specialisation	Transportation Engineering
No.of Papers Published(National)	0
No.of Papers Published(International)	5
No.of Papers in conferences(National)	11
No.of Papers in conferences(International)	3
Professional Memberships	Life member in ISTE

Projects Guided in Master's Level

Area of Specialisation	Transportation Engineering	
University	KTU	
Student Name	Project Title	Year
Sruthy M K	Determination of Pedestrian Risk Index for Crosswalks at Unsignalised Intersections	2021
Azi D J	Analysis of Pedestrian Crossing Behaviour And Level of Service at Intersections	2021
Vishnu D	Random Coefficient Models for Two-Wheeler Headway Distributions Under Heterogeneous Traffic	2020
Sruthi Lakshmi	Modelling of Lateral Shift Duration on Urban Roads Under Mixed Traffic Conditions	2019
Aarcha P S	Performance Assessment of Two Lane Roadways With Access Points	2019
Malini Sarma	Development of Delay Model for Roundabouts under Heterogeneous Traffic Condition	2018
Sreelekha M P	Study of Overtaking Manoeuvres on Divided and Undivided roads	2018
Navathy M K	Effect of Right Turn Lane on Performance of Signalised Intersections	2017
Shwaetha Radha Devi	Effect of Bus lanes on Intersection Performance	2017
Neethu Mariam Johns	Effect of Heterogenity of Traffic Condition on Delay at Signalised Intersections	2016
Liz Mary Paul	Determination of Adjustment Factor for the Impact of Bus Stops and Parking on Saturation Flow Under Heterogeneous Traffic Conditions	2015
Aswathy	Estimation of Right Turn Adjustment Factors at Signalised Intersections under Heterogeneous Traffic Conditions	2014
Aby Varghese	Vehicle Delay Modelling at Signalised Intersections for Varying Control Conditions	2014
Rakhi L R	Modelling Delay at Signalised Intersections under Heterogeneous Traffic Conditions	2013
Shifana U N	Modelling Dynamic PCU and Saturation Flow at Signalised Intersections under Heterogeneous Traffic Conditions	2013
Ashish Jayakumar	Evaluation of Roundabout versus Unsignalised and Signalised intersections in Trivandrum City	2011
Devi Ramachandran	Evaluation of IRC Method and Effect of Bituminous Mixtures on Pavement Performance Using M-	2010

Faculty Profile		EPDG
Nizar P K	Stochastic Traffic Flow Modelling of Two Lane Two Way Rural Roads Using Markov Process	2009
Janaki Sarma S	Short Term Traffic Volume Prediction under Heterogeneous Conditions	2008

Papers published in International Journals

SL No	Title	Year
1	a) Prathapan, P. and Rajamma, A. (2018). "Determination of adjustment factors for far side and near side bus stops on saturation flow." Transportation in Developing Economies, 4(12), https://doi.org/10.1007/s40890-018-0065-1 .	2018
2	b) Preethi, P., and Ashalatha, R. (2018). "Modelling saturation flow rate and right turn adjustment factor using area occupancy concept." Case Studies on Transport Policy, 6 (1), 63 – 71.	2018
3	c) Preethi, P., and Ashalatha, R. (2017). "Estimation of saturation flow under heterogeneous traffic conditions." Proceedings of the institution of Civil Engineers- Transport, https://doi.org/10.1680/jtran.16.00088 .	2017
4	d) Preethi, P., Aby Varghese, and Ashalatha, R. (2016). "Modelling Delay at Signalised Intersections under Heterogeneous Traffic Conditions." Transportation Research Procedia, 17, 529 – 538.	2016
5	e) Preethi, P., Ashalatha R. (2016). "Quantification of Vehicular Interactions during Saturation Flow at Signalised Intersections" International Journal for Traffic and Transport Engineering, Vol. 6(4), 453 – 473.	2016

Papers published in National Conferences

SL No	Title	Year
1	Navathy M K and Preethi P. (2017). "Impact of right turn lane on performance of signalized intersections under heterogeneous traffic conditions". Proceedings of 18th National Conference on Technological Trends, College of Engineering Trivandrum, Thiruvananthapuram, 21-22 July 2017	2017
2	Shwaetha Radha Devi and Preethi P. (2017). "Effect of exclusive bus lanes on performance of signalized intersections." Proceedings of 18th National Conference on Technological Trends, College of Engineering Trivandrum, Thiruvananthapuram, 21-22 July 2017.	2017
3	Neethu Mariam Johns., Preethi,P., Ashalatha, R., (2016) "Control Delay Variability under Heterogeneous Traffic Conditions", Proceedings of 17th National Conference on Technological Trends, College of Engineering Trivandrum, Thiruvananthapuram, (NCTT 2016), pp.807-811.	2016
4	Liz M Paul, Preethi,P., (2015), "Determination of Adjustment factor for the Impact of Far Side Bus Stops on Saturation Flow under Heterogeneous Traffic Conditions" Proceedings of 16th National Conference on Technological Trends, College of Engineering Trivandrum, Thiruvananthapuram, (NCTT 2015), pp.503-508	2015
5	Aswathy,P., Preethi, P., Ashalatha, R. (2014). "Modelling Right Turn Adjustment Factor of Saturation Flow at Signalized Intersection", Proceedings of 15th National Conference on Technological Trends, College of Engineering Trivandrum, Thiruvananthapuram (NCTT2014), pp 538-542	2014
6	Aby Varghese., Preethi, P., Ashalatha, R. (2014). "Vehicle Delay Modelling at Signalized Intersections for Varying Control Conditions Using Artificial Neural Network Approach", Proceedings of 15th National Conference on Technological Trends, College of Engineering Trivandrum, Thiruvananthapuram (NCTT 2014), pp.287-294.	2014
7	Shifana,U, N., Preethi,P.,(2013), "Modelling of Dynamic PCU and Saturation Flow at signalized intersections under Heterogeneous Traffic Conditions". Proceedings of National Conference on Technological Trends, College of Engineering Trivandrum , Thiruvananthapuram (NCTT 2013)	2013
8	Nizar, P,K., Preethi,P.,(2009). "Stochastic Traffic Flow Modelling Of Two Lane Two Way Rural Roads	2009

Faculty Profile	Using Markov Process". Proceedings of National Conference on Technological Trends, College of Engineering Trivandrum , Thiruvananthapuram (NCTT 2009)	
9	Janaki Sarma,S., Preethi,P.,(2008). "Short term Traffic Volume Prediction Under Heterogeneous traffic Conditions" Proceedings of National Conference on Technological Trends, College of Engineering Trivandrum , Thiruvananthapuram (NCTT 2008), pp 253- 258	2008

Papers published in International Conferences

SL No	Title	Year
1	a) Preethi, P., and Ashalatha, R. (2016). "Estimation of dynamic PCU using area occupancy concept at signalised intersections, Proceedings of ASCE international Conference on Transportation and Development (ICTD): Projects and Practices for Prosperity 2016, Houston, Texas, June 26-29, 825-837.	2016
2	b) Preethi, P., Shifana, U N., and Ashalatha, R. (2014). "Modelling dynamic PCU and saturation flow at signalised intersections." Proceedings of Colloquium on Transportation Systems Engineering and Management (CTSEM), NIT Calicut.	2014
3	c) Devi Ramachandran., Preethi,P.(2010) "Evaluation of IRC method of Flexible Pavement Design using M- EPDG", International Conference on Technological Trends,ICTT2010,pp 438-444.	2010

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Heritage Conservation	12 days
2	Research Methodology	18 days
3	Application of MATLAB for Analysis, Design and Simulation of Systems	13 days
4	Geosynthetics and their Applications	5 days
5	CAD- an Update for Engineers	17 days
6	Training for Counselling	1 day
7	Soft Computing Techniques	5 days
8	Highway Development and Management Tool (HDM-4)	2 days
9	Road Safety-Issues, Concerns and Pragmatic Solutions	5 days

Faculty Profile

10	Remote Sensing Applications in Civil Engineering	6 days
11	Innovations in Traffic flow Modeling	5 days
12	Geoinformatics for Civil Engineering	10days
13	Recent Advances in the Use of Geosynthetics in Transportation and Geotechnical Engineering	14 days
14	Research Projects and Funding Agencies	1 day
15	Certification Course for Road Safety Auditors	5 Days
16	Advances in Highway materials, Mix Design and Construction	5 days
17	Big Data Analytics Using SPSS	5 days
18	Innovations in Urban Transport Infrastructure (IUTI)	3 days
19	Design, Construction and Maintenance of Roads	3 days
20	Real-Time Applications of Intelligent Transportation Systems	3 days
21	Outcome based Education	5 days
22	Advanced Course on Applications of CUBE COMPACT	5 days
23	Workshop on Outcome Based Education	2 days

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Road Safety Engineering	2012,Transportati Centre, Departme College of Engine
2	Road Safety: Mission towards Safe Roads	2016,Transportati Centre, Departme College of Engine
3	Laboratory Practice in Surveying	2008,TEQIP,CET
4	Application of Probability, Statistics and Optimisation in Engineering	2009,Department
5	Advanced Surveying and Building Construction	2011,Centre for C

26.Name Dr. Priya R



Date of Birth 04/05/1971

Gender Female

Mobile No 8547028697

Faculty Type PERMANENT

Designation Associate Professor

Department Civil Engineering

Date of Joining in the
Institution 01/06/2000

Qualification(UG) B.Tech Civil Engineering

Qualification(PG) M.Tech Traffic and transportation Engg

Qualification(Ph. D) Civil

Total Experience in
years(Teaching) 23 years

Total Experience in
years(Industry) nil

Total Experience in
years(Research)

Area of Specialisation pavement Engineering, Traffic Engg.

Faculty Profile	
No.of Papers Published(National)	Nil
No.of Papers Published(International)	1
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	2
Professional Memberships	

27.Name **Dr. SWARNA LATHA K**



Date of Birth	20/05/1971
Gender	Female
Mobile No	09495629708
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	1.06.2000
Qualification(UG)	Civil Engineering
Qualification(PG)	Environmental Engineering
Qualification(Ph. D)	Study of abundance of heavy metals in aquatic systems
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	1
Total Experience in years(Research)	22
Area of Specialisation	Environmental Engineering
No.of Papers Published(National)	1

No.of Papers 18

No.of Papers in conferences(National)	23
---------------------------------------	----

No.of Papers in conferences(International)	9
--	---

Professional Memberships	ISTE
--------------------------	------

Ph.D's Guided

Area of Specialisation	Climate change
------------------------	----------------

University	KTU
------------	-----

Student Name	Thesis Title	Year
Najiya N	Assessment of heat island effect-A case study	2019
Reshmi DS	Effect of traffic congestion on urban air quality	2020
Tintu C	Biogas from OFMSW	2021

Projects Guided in Master's Level

Area of Specialisation	Environmental Engineering
------------------------	---------------------------

University	Kerala
------------	--------

Student Name	Project Title	Year
Suby Varghese	Environmental impacts of Endosulphan & its removal from aqueous phase	2003
Pramod	Optimization & scheduling of refuse Collection routes in Thiruvananthapuram city using GIS	2002
Simi MK	Effect of Phosphogypsum on Groundwater & its Application in the Degradation of Municipal Solid Waste	2005
Saritha Bhaduri	Automobile pollution-Effect on air ,water&soil	2005
Jacob John	Waste to Energy-option in Recycled Kraft paper Industry	2006
Dileep Kumar	Process development for anaerobic cum aerobic composting of unsorted municipal solid waste	2007
Rachel Thomas	Microbial Biosensor for BOD Analysis	2008
Anu N	Heavy metal distribution in Akkulam Veli lake sediments, Trivandrum	2009
Reshmy G Sassendran	Heavy metal removal by phytoremediation	2009
Reshmi PS	Industrial Waste Water Treatment by Electro Coagulation	2011
Girly Mary George	Biosorption of Heavy Metals using Coir Pith	2011
Bindhu Radhakrishnan	Fixed bed column study for the removal of zinc using coir pith and treated coir pith: A comparative study.	2012
Lekshmi Prasad	Estimation of sediment yield of Akkulam- Veli lake using GIS	2012
Felma George	Water quality modelling of an urban drainage system	2013
Bibly S laxmi	Impact of landuse change on erosion risk	2014

Issac P George	Laboratory studies on anaerobic bioreactor landfill for the treatment of solid waste	2014
----------------	--	------

Faculty Profile Munnu George	Assessing pollution signature of landuse change in a lake system using Remote sensing	2014
Leena Jose	Water Quality Modelling	2015
Nithya Kurup	Traffic noise pollution study of Thiruvananthapuram city	2015
Sukanya N	Treatment of laundry wastewater using microbial techniques	2015
Safy Rachel	Treatment of coloured wastewater using coir pith	2016
Saranya N	Effect of traffic air pollution on human health	2016
Arya	Removal of Nitrate from wastewater	2016
Reshma S Kumar	Contribution of vehicular emission to air pollution in Thiruvananthapuram city	2017
Abhijit Ravikumar	Segregated waste collection efficiency of MSW in Trivandrum city and suitability to conversion to RDF	2017
Harees AM	A comprehensive noise mapping for Thiruvananthapuram city	2017
Sauma Hameed	Cellulase enzyme production from agrowastes and its application studies	2017
Anjana Jose	Comparison of dye removal efficiency from textile effluents using coir pith and modified coir pith	2018
Athul	Surfactant removal from washwater using activated carbon as adsorbent	2018
Shahina	Analysis of traffic noise status in Thiruvananthapuram city	2018
Abin	Phytoid technology	2019
Revathy Mohan	Biodesulphurisation of crude oil using microorganisms	2019
Anju Mariam Chandy	Green synthesis of iron nanoparticles using citrus limon peel extract for wastewater treatment	2019
Steffy Chacko	Green synthesis of copper oxide nanoparticles for treatment of textile effluent	2020
Arun Shah	Assessment of constructed wetland performance in sewage treatment	2020
Veena Unnikrishnan	Optimization and modelling of two-stage biogas generation system	2021
Tiss George	Impact of land use land cover change in flooding of Pamba river basin	2021
Swarna P	Spatio-temporal assessment of land surface Temperature over selected urban area of Malappuram district	2021

Papers published in International Journals

SL No	Title	Year
1	An investigation into the heavy metal burden of Akkulam–Veli Lake in south India Environmental Earth Sciences, Springer publications	2013
2	Identification of silicon (Si) as an appropriate normaliser for estimating the heavy metals enrichment of an urban lake system, Journal of Environmental Management , Elsevier publications	2013
3	Ecological Risk Assessment of A Tropical Lake System, Journal of Urban and Environmental Engineering	2013
4	Urgency for sustainable development in urban coastal areas wrto weather pattern, land use and water quality, Environmental Monitoring and Assessment, DOI 10.1007/s10661-013-3612-6, Springer P	2014
5	Effect of seasonal variations on the surface sediment heavy metal enrichment of a lake in South	2014

Faculty Profile	India, Env Mon Assessment	
6	Studies on removal of Zinc and Chromium from aqueous solutions using water Hyacinth, Pollution	2015
7	Risk assessment of heavy metal contamination in sediments of a tropical lake, Environmental Monitoring and Assessment	2015
8	Biodegradation of laundry wastewater, International Research Journal of Engineering and Technology	2015
9	Adsorption studies on coir pith for heavy metal removal, International journal of sustainable Engineering DOI: 10.1080/19397038.2016.1152323	2016
10	Assessment of sediment quality of a tropical lake using sediment quality standards, lakes and reservoirs	2016
11	Identification of Plant Species for Development of Green Belt in Thiruvananthapuram City, ASCE	2018

Papers published in National Conferences

SL No	Title	Year
1	Physico chemical parameters and correlation coefficients of ground water of Udyogamandal, Cochin, NCTT	2005
2	Effect of Industrial pollution in Periyar river, NCTT	2005
3	Waste to energy-option in paper industry, NCTT	2006
4	Optimization of parameters of anaerobic digestion- A case study on Kraft paper industry, 19th Kerala Science congress ,Kannur, KSCSTE, 878-879, January 2007	2007
5	Process Development for anaerobic cum aerobic treatment of unsorted MSW, NCTT	2008
6	Biosensor for BOD analysis,NCTT, CET,	2009
7	Heavy metal distribution in AkkulamVeli lake sediments, Proceedings of National seminar on Emerging Trends in Environment and development with a focal theme on climate change and water resources, 143-147, University of Kerala, DST, CSIR, EMAK, KSCSTE, 8-9 October 2009	2009
8	Removal of Zinc using coir pith as an adsorbent, NCTT, 31-36, CET	2010
9	Treatment of Latex waste water by electrocoagulation, NCTT,CET	2011
10	Fixed Bed column study for removal of Zinc using coir pith and treated coir pith: A comparative study, NCTT,CET	2012
11	Fuzzy model for solid waste management in Thiruvananthapuram city, 3rd National Conference on Emerging Technologies 1 - 2, August 2014, GCE Bartonhill, pp130-133	2014
12	Laboratory scale study of anaerobic bioreactor landfill on MSW , NCTT,CET	2014
13	Water quality modelling, National Conference on technological trends, CET	2015
14	Traffic noise pollution study of Thiruvananthapuram city, NCTT,CET	2015
15	Treatment of laundry wastewater using microbial techniques, NCTT, CET	2015
16	Experimental and kinetic studies on methylene blue adsorption by coir pith, NCTT, CET, pp219-224	2016
17	Effect of Ambient Air Pollution on Human Health in Thiruvananthapuram City, pp 258-262, NCTT, CET	2016
18	Optimization study of autotrophic denitrification using elemental sulphur, NCTT,CET	2016
19	Ambient air quality status of major traffic intersections in Thiruvananthapuram city, NCTT,CET	2017

Faculty Profile		
20	Study on dry waste composition in Thiruvananthapuram city, NCTT,CET	2017
21	Traffic noise attenuation using hedges in Thiruvananthapuram city, pp. 279-283	2018
22	Wastewater treatment through phytoremediation technology: A review, Kerala state Technological Congress 2019-KETCON , GEC Thrissur	2019
23	The use of microorganisms in desulphurization of crude oil, Kerala state Technological Congress 2019-KETCON , GEC Thrissur, pp 571-577	2019

Papers published in International Conferences

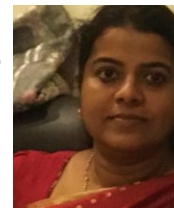
SL No	Title	Year
1	Heavy metal distribution in AkkulamVeli lake sediments- A fuzzy approach	2009
2	Bioaccumulation of Heavy Metals In Akkulam –Veli Lake, South Kerala	2010
3	Fuzzy evaluation of Heavy Metal Pollution in Sediment Quality-A Case Study	2010
4	Pollution study of heavy metals in aquatic sediments	2010
5	Study of leachate characteristics on a simulated anaerobic bioreactor landfill	2014
6	'Human health risk assessment of inhalation exposure to air pollution in Thiruvananthapuram city'	2016
7	Estimation of Vehicular Emission based on road traffic parameters',	2016
8	Study on dry waste composition in Thiruvananthapuram city	2017
9	Prediction of Vehicular Exhaust Emission for Thiruvananthapuram city'	2017
10	Development of clay glass sand blended lightweight aggregate using sewage sludge as filter	2017
11	Identification of plant varieties for development of Green belt in Thiruvananthapuram city	2017
12	Green synthesis of iron nanoparticles from citrus lemon peel extracts for removal of dyes congo red and brilliant green from aqueous solution	2018
13	Comparative studies on adsorption efficiency of raw and treated coir pith in removal of Zinc from aqueous solution	2019
14	Urban heat islands-A review	2020
15	Removal of dye from aqueous media using coir pith and modified coir pith	2018

Books Published

SL No	Title	Coauthors
1	Sustainable Engineering, ISBN:978-81-932112-1-2	Dr, Binu Sara Mat
2	Basics of Engineering, ISBN 978-81-932112-3-6	Dr, Binu Sara Mat



Faculty Profile



Date of Birth	23/04/1975
Gender	Female
Mobile No	9446787298
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	01/06/2006
Qualification(UG)	BTech in Civil Engineering
Qualification(PG)	MTech in Structural Engineering
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	16
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	11
Area of Specialisation	Structural Engineering
No.of Papers Published(National)	1
No.of Papers Published(International)	15
No.of Papers in conferences(National)	6
No.of Papers in conferences(International)	6
Professional Memberships	ISTE, ISNT

Papers published in National Journals

SL No	Title	Year
1	Yashida Nadir, Praveen Nagarajan, Mohammed Ameen (2018), Numerical modeling of glued laminated wood beams, Journal of Structural Engineering 44 (5), 501-508, CSIR-SERC Madras Publications	2018

Papers published in International Journals

SL No	Title	Year
-------	-------	------

Faculty Profile		
1	Jawed Qureshi, Yashida Nadir, Shaise K John (2021), Cyclic Response of Bolted and Hybrid Pultruded FRP Beam-Column Joints between I-Shaped Sections, <i>Fibers</i> 9 (11), 66, https://doi.org/10.3390/fib9110066 , MDPI Publications	2021
2	Shaise K. John, Alessio Cascardi, Yashida Nadir, Maria Antonietta Aiello, K. Girija (2021) A New Artificial Neural Network Model for the Prediction of the Effect of Molar Ratios on Compressive Strength of Fly Ash-Slag Geopolymer Mortar, <i>Advances in Civil Engineering</i> , Volume 2021, Article ID 6662347, https://doi.org/10.1155/2021/6662347 , Hindawi Publications	2021
3	Manjusha Muraleedharan, Yashida Nadir (2021) Factors affecting the mechanical properties and microstructure of geopolymers from red mud and granite waste powder: A review, <i>Ceramics International</i> , Available online 3 February 2021, https://doi.org/10.1016/j.ceramint.2021.02.009 , Elsevier Publications	2021
4	Shaise K. John, Yashida Nadir, K. Girija (2021) Effect of source materials, additives on the mechanical properties and durability of fly ash and fly ash-slag geopolymer mortar: A review, <i>Construction and Building Materials</i> , Volume 280, 19 April 2021, 122443, https://doi.org/10.1016/j.conbuildmat.2021.122443 , Elsevier Publications .	2021
5	Manjusha Muraleedharan, Yashida Nadir (2020), Geopolymer mortar integrated with phase change materials for improvement of thermal efficiency in buildings : A review, <i>Materials Today: Proceedings</i> , Elsevier Publications, DOI: 10.1016/j.matpr.2020.10.791	2020
6	Jawed Qureshi, Yashida Nadir, Shaise K John (2020) Bolted and bonded FRP beam-column joints with semi-rigid end conditions, <i>Composite Structures</i> , 1 September 2020, Article 112500, https://doi.org/10.1016/j.compstruct.2020.112500 , Elsevier Publications	2020
7	Senthil Mathew, Yashida Nadir (2020) Experimental study of thermal properties of concrete with partial replacement of coarse aggregate by coconut shell, <i>Materials Today: Proceedings</i> , Elsevier Publications, https://doi.org/10.1016/j.matpr.2019.11.249 , 415-420	2020
8	Shaise K John, Yashida Nadir, Girija K, Giriprasad S (2020) Tensile behaviour of glass fibre textile reinforced mortar with fine aggregate partially replaced by fly ash <i>Materials Today: Proceedings</i> , Elsevier Publications, https://doi.org/10.1016/j.matpr.2019.09.135 , 144-149	2020
9	Shaise K John, Yashida Nadir, Girija K (2020) Nonlinear finite element modelling of concrete columns confined with textile reinforced mortar, <i>Conference Series Earth and Environmental Science</i> 491:012022, IOP Publishing Ltd, Vol 491	2020
10	Yashida Nadir, A Sujatha (2018) Bond strength determination between coconut shell aggregate concrete and steel reinforcement by pull-out test, <i>Asian Journal of Civil Engineering, Building and Housing</i> , DOI 10.1007/s42107-018-0060-1, Springer Publications, 19, pages 713–723	2018
11	Yashida Nadir, A Sujatha (2018) Durability properties of coconut shell aggregate concrete, <i>Korean Society of Civil Engineers, KSCE Journal of Civil Engineering</i> 22 (5), 1920-1926, Springer Publications	2018
12	Yashida Nadir, Praveen Nagarajan, Mohammed Ameen, Muhammed Arif M (2016) Flexural stiffness and strength enhancement of horizontally glued laminated wood with GFRP and CFRP composite sheets, <i>Construction and Building Materials</i> 112, 547-555, Elsevier Publications	2016
13	Yashida Nadir, Praveen Nagarajan (2014) The behavior of horizontally glued laminated rubber wood, <i>Construction and Building Materials</i> ; 2014, Vol 55, pp. 398-405, Elsevier Publications	2014
14	Yashida Nadir, Praveen Nagarajan, A J Midhun (2014) Measuring elastic constants of Hevea brasiliensis using compression and Iosipescu shear test, <i>European Journal of Wood and Wood Products</i> ; Springer-Verlag Berlin Heidelberg, 2014, Vol 72, pp. 749-758, Springer Publications	2014
15	Yashida Nadir, Praveen Nagarajan (2013) Experimental investigation of mechanical properties of jointed rubber wood using two types of adhesives, <i>Applied Mechanics and Materials</i> ; Transtech Publication, volume 357, Pages 844-853	2013

Papers published in National Conferences

Faculty Profile

SL No	Title	Year
1	Yashida Nadir, Senthil P Mathew (2019) Bond Strength of coconut shell aggregate concrete by beam splice test, 4th Kerala Technological Congress (KETCON 2019), February 15-17, Government Engineering College Trichur	2019
2	A Sujatha, Yashida Nadir (2017) Durability properties of coconut shell aggregate concrete National conference on concrete structures (NCCS 2017) January 30-31, LBS Institute of Technology for Women, Trivandrum	2017
3	A Sujatha, Yashida Nadir (2017) Bond performance of coconut shell aggregate concrete National conference on recent advances in civil engineering and technology (REACT 2017), May 24-26, Vidya Academy of Science and Technology, Trissur	2017
4	A Sujatha, Yashida Nadir (2017) Experimental study on bond strength and durability properties of coconut shell aggregate concrete, National conference on technical trends (NCTT 2017), College of Engineering Trivandrum	2017
5	Yashida Nadir, S Suresh, M Sirajuddin (2007), Analytical study of foundation having partial contact with soil, Proceedings of National Conference on Focusing on advances in Civil Engineering (FACE 07), February 1-3, College of Engineering Kollam	2007
6	Deepa Bose, Sreelakshmi Mohan, Yashida Nadir (2010), An experimental study on the feasibility of recycled aggregate in concrete, Proceedings of National Conference on Recent Innovations in Technology (NCRIT-2010), March 4-6, RIT Kottayam	2010

Papers published in International Conferences

SL No	Title	Year
1	Jawed Qureshi, Yashida Nadir, Shaise K John (2020) FRP beam-to-column hybrid joints subjected to monotonic and cyclic loading, ICCS23 - 23rd International Conference on Composite Structures & MECHCOMP6 - 6th International Conference on Mechanics of Composites, organised by FEUP-Faculty of Engineering, University of Porto, Portugal, 1-4 September 2020	2020
2	Manjusha Muraleedharan, Yashida Nadir (2020), Geopolymer mortar integrated with phase change materials for improvement of thermal efficiency in buildings : A review, 11th Conference on Materials Processing and Characterization - 2020 (ICMPC 2020) organized by Department of Mechanical Engineering & Metallurgy Engineering and Material Science, Indian Institute of Technology Indore (IIT Indore), 15-17 Dec 2020.	2020
3	Senthil Mathew, Yashida Nadir (2019) Experimental study of thermal properties of concrete with partial replacement of coarse aggregate by coconut shell, International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2019), 12-14 September Belagavi organised by Dept of Mechanical Engg KLE Dr.MS Sheshgiri College of Engineering and Technology, Karnataka	2019
4	Shaise K John, Yashida Nadir, Girija K, Giriprasad S (2019) Tensile behaviour of glass fibre textile reinforced mortar with fine aggregate partially replaced by fly ash, International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2019), 12-14 September Belagavi organised by Dept of Mechanical Engg KLE Dr.MS Sheshgiri College of Engineering and Technology, Karnataka	2019
5	Shaise K John, Yashida Nadir, Girija K (2019) Nonlinear finite element modelling of concrete columns confined with textile reinforced mortar, 5th International Conference on Modeling and Simulation in Civil Engineering (ICMSC 2019) during 11th – 13th December, organized by Department of Civil Engineering, T K M College of Engineering, Kollam, Kerala	2019
6	A Sujatha, Yashida Nadir (2017) Bond strength of coconut shell aggregate concrete by pull-out test, International conference on material, mechanics and management (IMMM 2017), July 13-15, College of Engineering, Trivandrum	2017

Awards Received

Awards Received

Faculty Profile

SL No	Title	Organisation
1	Best paper award for the paper titled 'Bond Strength Properties of Confined and Unconfined Coconut Shell Aggregate Concrete by Beam Splice Test' at International Conference on Innovative Trends in Engineering for Sustainability (ICITES-2021) with theme Sustainable Infrastructure Development from January 9-11, 2021	Toc H Institute of : Odessa State Aca & Architecture, Uk

29.Name **Dr.Jaya V**



Date of Birth	20/05/1969
Gender	Female
Mobile No	8547111246
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	01/06/2000
Qualification(UG)	B.Tech
Qualification(PG)	M. Tech
Qualification(Ph. D)	Ph.D
Total Experience in years(Teaching)	22 yrs
Total Experience in years(Industry)	2 yrs
Total Experience in years(Research)	20 yrs
Area of Specialisation	Geotechnical Engineering
No.of Papers Published(National)	9
No.of Papers Published(International)	6
No.of Papers in conferences(National)	62

No.of Papers in 23

ferences(International)

Faculty Profile

Professional Memberships	IGS,ISTE,LEI
--------------------------	--------------

30.Name	Dr.Loui T R
---------	-------------



Date of Birth	30/05/1969
---------------	------------

Gender	Male
--------	------

Mobile No	9447972317
-----------	------------

Faculty Type	PERMANENT
--------------	-----------

Designation	Associate Professor
-------------	---------------------

Department	Civil Engineering
------------	-------------------

Date of Joining in the Institution	01/06/2010
------------------------------------	------------

Qualification(UG)	B.TECH CIVIL ENGINEERING
-------------------	--------------------------

Qualification(PG)	M.TECH TRAFFIC AND TRANSPORTATION PLANNING
-------------------	--

Qualification(Ph. D)	PH D CIVIL ENGINEERING
----------------------	------------------------

Total Experience in years(Teaching)	21 Years
-------------------------------------	----------

Total Experience in years(Industry)	2
-------------------------------------	---

Total Experience in years(Research)	11
-------------------------------------	----

Area of Specialisation	Transportation engineering
------------------------	----------------------------

No.of Papers Published(National)	5
----------------------------------	---

No.of Papers Published(International)	3
---------------------------------------	---

No.of Papers in conferences(National)	15
---------------------------------------	----

No.of Papers in conferences(International)	4
--	---

Professional Memberships	Life member-The indian society for technical education-LM 32348..Fellow-Institution of Engineers (India)..
--------------------------	--

Projects Guided in Master's Level

Projects Guided in Master's Level

Faculty Profile

Area of Specialisation	Traffic and Transportation	
University	University of Kerala	
Student Name	Project Title	Year
BWNEY JOHN A	Experimental investigation on modification of subgrade characteristics chemical additives and effect of coir geotextiles on pavement distress	2011
Abhijith R P	Experimental Investigation of the Influence of Coir geotextiles on adherence properties of bituminous mixes	2012
AAVANI P	Finite element analysis of coir geotextile reinforced flexible pavements	2013
Mahesh M	Laboratory evaluation on the performance of modified bitumen in wearing course	2014
ASWATHY S	Study on the effect of temperature on Geotextil modified Bituminous pavements	2015
SHAZ F	Evaluation of HMA mixtures modified with organosilane based nano technology	2016
JUBIN JACOB SAM	photocatalytic pavement blocks for mitigation of vehicular emission	2017
ANJANA SREE S	Experimental investigation on the effect of fibre and silica fumes on concrete pavements	2017
ADHIN PRABHAKAR	A feasibility study on green and economic development of inland navigation between Kollam and Kovalam	2018
MARLYN MARY VARGHESE	Crash prediction model for horizontal curves	2019

Papers published in National Journals

SL No	Title	Year
1	Finite element modeling of Coir geotextile embedded pavement Overlays ..New Building materials and construction world (NBM&CW)	2012
2	Experimental investigation on effect of coir geotextile on rutting characteristics on asphalt overlays...Indian Highways..	July 2014
3	Feasibility Study on Sustainable Development of Inland Navigation Under Changing Traffic Scenario of Kerala: A Case Study- J. Inst. Eng. India Ser. A	April 2020
4	Feasibility Study on Sustainable Development of Inland Navigation Under Changing Traffic Scenario of Kerala: A Case Study -J. Inst. Eng. India Ser. A-springer	2021

Papers published in National Conferences

SL No	Title	Year
1	Experimental investigation on modification of subgrade soil characteristics by addition of phosphogypsum-12th national conference on technological trends	August 2011
2	Experimental investigation on effect of coir geotextiles on creep characteristics of bituminous concrete 13th national conference on technological trends	August 2012
3	Experimental investigation on influence of coir geotextiles on adherence property of bituminous mix . 13th national conference on technological trends	August 2012
4	Study on Open Graded Friction Course Mixes with Surface Treated Coir Fibre and Natural Rubber Modified Bitumen National Conference on Technological Trends (NCTT)-2014 College of Engineering Trivandrum	August 2014
5	Laboratory Evaluation On The Performance Of Modified Bitumen In Wearing Course National	August 2014

Faculty Profile	Conference on Technological Trends (NCTT)-2014 College of Engineering Trivandrum	
6	Experimental investigation on crumb rubber application on concrete pavements. International Conference on recent Innovations in technology ICRIT	January 2012
7	Finite element analysis of effect of coir geotextiles on fatigue life of bituminous pavements International conference on modeling and simulation in civil engineering. (ICMSC 2013)	2013
8	Study on utilization of Flood Deposits in the Base Layers of Flexible Pavement-A case study	NCRI 2020
9	Determination of Congestion Cost and Index for Thiruvananthapuram City-National conference on Resilient Infrastructure	Dec 2020
10	Performance Evaluation of Coir geotextile Reinforced Bituminous Overlay –A case study Proceedings of international & national seminar .Coir Kerala	2016

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Potentials of interdisciplinary Research in engineering”	5 days
2	“Fundamentals of QGIS software	5 days
3	Training programme on Material characterization, Mix design and Pavement Evaluation	5 days
4	Training programme on Life Skills	5 days
5	Health monitoring of RCC/ Steel Structures”	5 days
6	Orientation programme for staff advisors of Engineering Colleges	3 days
7	Research Methodology	5 days
8	Recent Advances in Subsoil Investigation	3 days
9	Big data analytics using SPSS	5 days
10	Innovations in Urban transport infrastructure (IUTI)	5 days
11	Timeless leadership Ignite the spark in you	4 days
12	Geotechnical aspects for infrastructure projects	3 days
13	Forensic in Civil Engineering	3days
14	Geographical information system and its application in pavement maintenance management	3 days
15	GIS and remote sensing applications using open source Software	6 days
16	‘Urban Mobility: Challenges and Opportunities’	7 days
17	Smart Civil Engineering Practices to meet the Contemporary Issues	6 days
18	“ Digital Solutions for Infrastructure - Modern Practices	i day
19	Advances in Highway Technology and Traffic system	5 days

Faculty Profile

31.Name INDULEKHA K P



Date of Birth 10-05-1978

Gender Female

Mobile No 9495067874

Faculty Type PERMANENT

Designation Associate Professor

Department Civil Engineering

Date of Joining in the Institution 01-10-2007

Qualification(UG) B TECH CIVIL

Qualification(PG) MTECH -HYDRAULICS ENGG

Qualification(Ph. D)

Total Experience in years(Teaching) 16 YEARS

Total Experience in years(Industry)

Total Experience in years(Research) 3

Area of Specialisation HYDRAULICS ENGG

No.of Papers Published(National) 0

No.of Papers Published(International) 1

No.of Papers in conferences(National) 10

No.of Papers in conferences(International) 4

Professional Memberships

Projects Guided in Master's Level

Projects Guided in Master's Level

Faculty Profile

Area of Specialisation	CFD	
University	KTU	
Student Name	Project Title	Year
ARJUN V S	MODELING OF FLOW PATTERN AROUND GROYNES OF DIFFERENT ORIENTATION IN A MEANDERING CHANNEL	2021
SREESHMA A S	NUMERICAL ANALYSIS OF W-FORM LABYRINTH WEIR USING FLOW-3D	2021
Sachin S	NUMERICAL MODELLING OF FLOW AROUND GROYNES ON MEANDERING CHANNEL USING ANSYS FLUENT	2020
ATHIRA B	DEVELOPMENT OF MODEL FOR SIMULATION OF WATER LEVEL IN VAMANAPURAM RIVER USING ANN AND MIKE HYDRO RIVER	2020

Papers published in International Journals

SL No	Title	Year
1	Laboratory Evaluation of Permeability Characteristics of Cocologs , Journal of natural Fibers	2021

32.Name

LATHA P



Date of Birth	30/05/1966
Gender	Female
Mobile No	9048878741
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	2/06/2001
Qualification(UG)	BTECH IN CIVIL ENGINEERING
Qualification(PG)	MTECH IN ENVIRONMENTAL ENGINEERING
Qualification(Ph. D)	NIL
Total Experience in years(Teaching)	21
Total Experience in years(Industry)	2

Total Experience in NIL

years(Research)

Faculty Profile

Area of Specialisation	ENVIRONMENTAL ENGINEERING
No.of Papers Published(National)	3
No.of Papers Published(International)	NIL
No.of Papers in conferences(National)	10
No.of Papers in conferences(International)	1
Professional Memberships	NIL

Projects Guided in Master's Level

Area of Specialisation	LANDFILL	
University	KTU	
Student Name	Project Title	Year
SABAH NAZEEMUDEEN	TREATMENT OF LANDFILL LEACHATE BY PERSULAFATE OXIDATION FOLLOWED BY ANAEROBIC TREATMENT	2021
NAJMA NAZAR	PREDDICTION OF LANDFIL GAS GENERATION RATE USING ANFIS	2021

Papers published in International Journals

SL No	Title	Year
1	COMPARISON OF FENTON AND ANAEROIC PROCESS IN TREATING MATURE LANDFILL LEACHATE	2013
2	TREATMENT OF MATURE LANDFILL LEACHATE FROM VILAPIL SHALA BY COMPING CHEMICAL AND BIOLOGICAL PROCESS	2013
3	OPTIMIZATION OF PHANTON PROCESS FOR THE TREATMENT OF MATURE LANDFILL LEACHATE FROM VILAPIN SHALA LANDFILL SITE	2013
4	ULTRA SOUND ASSISTED BIOLOGICAL TREATMENT OF AGED LEACHATE FROM MSW DUMB	2016

Papers published in National Conferences

SL No	Title	Year
1	ENGINE PERFORMANCE AND EMITION CHARACRERISTICS OF METHANE ESTERS OF NON EDIBLE VEGETABLE OILS	2010
2	REMOVAL OF PHOSPHORUS FROM WASTE WATER USING ALUM ALUDGE AND FLYASH AS ADSORBANTS	2010


Papers published in International Conferences

SL No	Title	Year
1	ANAEROBIC CO DIGESION OF MUNICIPAL SOLID WASTE AND INDUSTRIAL SLUDGE	2010

Faculty Profile 2	AN EXPERIMENTAL INVESTIGATION ON THE PROCESS PARAMETERS AFFECTING	2010
	TRANSESTERIFICATION OF VEGETABLE OILS FOR PRODUCTION OF BIO DIESEL	
3	UPFLOW ANAEROBIC AND AEROBIC FIXED BED REACTOR FOR SYMULTANIOUS COD AND NITROGEN REMOVAL FROM MUNICIPAL WASTE WATER	2009

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	ENVIRONMENTAL IMPACTS LOOKING IN ITS LOCALITY FOR A BETTER TOMORROW	14
2	SUSTAINABLE URBAN HABITATE	14
3	COLLECTION, TREATMENT OF WASTE WATER	5
4	SUSTAINABILITY AND ENERGY ISSUES IN BUILT ENVIRONMENT	9 DAYS
5	RESENT ADVANCE IN THE USE OF GEOSYNTHETICS IN TRANSPORTATION AND GEOTECHNICAL ENGINEERING	14 DAYS

33.Name	LEA MATHEW	
Date of Birth	23/05/1974	
Gender	Female	
Mobile No	9446556661	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Civil Engineering	
Date of Joining in the Institution	10/06/2004	
Qualification(UG)	BSc Zoology	
Qualification(PG)	MSc Microbiology	
Qualification(Ph. D)	PhD Biotechnology	
Total Experience in years(Teaching)	17	
Total Experience in years(Industry)	Nil	
Total Experience in	Nil	

years(Research)

Faculty Profile

Area of Specialisation	Microbiology
No.of Papers Published(National)	2
No.of Papers Published(International)	8
No.of Papers in conferences(National)	20
No.of Papers in conferences(International)	6
Professional Memberships	Nil

34.Name **MANJU GS**



Date of Birth	18/05/1974
Gender	Female
Mobile No	8281431711
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	01.06.2001
Qualification(UG)	BTech in Civil Engg
Qualification(PG)	MTech in Geotechnical Engg
Qualification(Ph. D)	PhD in Geotechnical Engg
Total Experience in years(Teaching)	15 years 9 months
Total Experience in years(Industry)	NIL
Total Experience in years(Research)	NIL
Area of Specialisation	Geosynthetics for soil improvement, Soil stabilization, Earthquake geotechnical Engg

No.of Papers

Published(National)**Faculty Profile**

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

IGC

35.Name **MOHAN DAS C**



Date of Birth 08/11/1965

Gender Male

Mobile No 9847319688

Faculty Type PERMANENT

Designation Associate Professor

Department Civil Engineering

Date of Joining in the
Institution 2/3/2010

Qualification(UG) B tech in Civil Engineering

Qualification(PG) M tech in Hydraulics Engineering

Qualification(Ph. D)

Total Experience in
years(Teaching) 17

Total Experience in
years(Industry) 15

Total Experience in
years(Research)

Area of Specialisation Hydraulics Engineering

No.of Papers
Published(National) 1

No.of Papers
Published(International)

No.of Papers in 5

conferences(National)

Faculty Profile

No.of Papers in
conferences(International)

1

Professional
Memberships

ISH , ISTE, IEI

Projects Guided in Master's Level

Area of Specialisation Hydraulics Engineering

University APJ Abdul Kalam Technological University

Student Name	Project Title	Year
Gokul Krishnan H R	Optimal operation of Kallada Reservoir	2021
Nandalal Kishore	Flood Innundation Mappiing of Vamanapuram River basin	2021
Rose Merin Martin	Assessing the availability of Health care centers for patients using GIS during a pandemic	2021
Joshua Roy	Study of Hydraulic Jump in an open channel fitted with system of vanes and hump	2020
Thirusankaranand	Numerical modelling of local scour upstream around a silt weir	2020
Haritha V R	Assessment of drought severity using drought indices	2019
Indu P R	Hydraulic perfomance of perferated under drain pipes buried in loose aggregates	2019
Sreeleksmi R	Experimental and Numerical simulation of flow over slotted trapezoidal labyrinth weirs	2019
Amal Vishnu K C	Flood Damage Assessment in Vamanapuram Basin using HEC-GeoRAS	2018
Sachin C	Retention Criteria for Coir Geotextile Filter in Earth Dam – An Experimental Study	2018
Indhu B	Assessment of Urbanization Effect on Groundwater Level Fluctuation and Quality using GIS	2018

Papers published in National Journals

SL No	Title	Year
1	Ground water prediction using M5 model trees- Journal of Institution of Engineers	2015,

Papers published in National Conferences

SL No	Title	Year
1	Estimation of Scour Parameters of Underminer Structure- 13th National Conference on Technological Trends held at College of Engineering Trivandrum	2012
2	Temporal variation of scour depth around various piers-14th National Conference on Technological Trends held at College of Engineering Trivandrum.	2013
3	Experimental study on the Effect of Sediment Deposition on Dam Break- Waves-14th National Conference on Technological Trends held at College of Engineering Trivandrum.	2014
4	Seepage Analysis of Karapuzha Dam by Finite Element Method-12th National Conference on Technological Trends held at College of Engineering Trivandrum	2011
5	Study on Perfomance of Non-Woven coir geotextiles as filter on the Phreatic Line of Homogeneous Earth Dam -14th National Conference on Technological Trends held at College of Engineering Trivandrum.	2013

Papers published in International Conferences

Papers published in international conferences

Faculty Profile

SL No	Title	Year
1	Transient Seepage Analysis of Karapuzha Dam by Finite Element Analysis-International Conference on Modelling & Simulation in Civil Engineering held at TKM college of Engineering , Kollam	2011

36.Name **Sabu P**



Date of Birth	20/05/1974
Gender	Male
Mobile No	08589060754
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	02/07/2007
Qualification(UG)	B. Tech. in Civil Engineering
Qualification(PG)	M. Tech. in Remote Sensing
Qualification(Ph. D)	N.A.
Total Experience in years(Teaching)	22 years
Total Experience in years(Industry)	3 Years
Total Experience in years(Research)	...
Area of Specialisation	Remote Sensing, Geoinformatics
No.of Papers Published(National)	...
No.of Papers Published(International)	...
No.of Papers in conferences(National)	...
No.of Papers in conferences(International)	...

Professional ISTE Life Member

37.Name	Salini S
Date of Birth	03.05.1978
Gender	Female
Mobile No	9847442588
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	11.10.2001
Qualification(UG)	Ph.D
Qualification(PG)	M.Tech in Transportation Systems Engineering
Qualification(Ph. D)	Ph.D in Civil Engineering: Traffic Engineering
Total Experience in years(Teaching)	20 years
Total Experience in years(Industry)	1 yr
Total Experience in years(Research)	
Area of Specialisation	Transportation and Traffic Engineering
No.of Papers Published(National)	2
No.of Papers Published(International)	2
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	1
Professional Memberships	IUT, IRC, ISTE




Papers published in National Journals

SL No	Title	Year
-------	-------	------

Faculty Profile	Calibration and validation of VISSIM for urban heterogeneous traffic	2018
------------------------	--	------

Papers published in International Journals

SL No	Title	Year
1	Kumar, A V., and Salini, S. (2020) "Estimation of critical gap at mid-block median openings." International Journal for Traffic and Transport Engineering, 10(4): 456 – 46.	2020
2	S. Salini, R. Ashalatha and S. Aswathy Mohan (2019) "Equivalency Factors based on Acceleration Noise for Mixed Traffic Condition." Transportation in Developing Economies, Vol 5 (7), 1-8.	2019
3	Salini, S. and Ashalatha, R. (2017). "Development of passenger car unit based on acceleration noise for urban arterials." Proceedings of the Institution of Civil Engineers Transport, London, http://dx.doi.org/10.1680/jtran.17.00073	2017
4	Salini, S. and Ashalatha, R. (2020) "Analysis of traffic characteristics of urban roads under the Influence of roadside frictions." Case Studies on Transport Policy, Vol 8(1), 94-100. https://doi.org/10.1016/j.cstp.2018.06.008	2020
5	Salini S, George, S, and Ashalatha, R (2016) "Effect of Side Frictions on Traffic Characteristics of Urban Arterials." Transportation Research Procedia 17, Elsevier, 2016, 636 - 643.	2016

38.Name	SHIBU K	
Date of Birth	14/02/1975	
Gender	Male	
Mobile No	9446066302	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Civil Engineering	
Date of Joining in the Institution	19/06/2000	
Qualification(UG)	BTech Civil Engineering	
Qualification(PG)	MTech Civil Engineering	
Qualification(Ph. D)	PhD pre-submission seminar is over	
Total Experience in years(Teaching)	22 years	
Total Experience in years(Industry)	NIL	
Total Experience in	16	

years(Research)
Faculty Profile

Area of Specialisation	Environmental engineering
No.of Papers Published(National)	6
No.of Papers Published(International)	1
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	1
Professional Memberships	Life member ISTE, Member in Institution of Engineers

Ph.D's Guided

Area of Specialisation	NIL		
University	NIL		
Student Name	Thesis Title		Year
NIL	NIL		NIL

Projects Guided in Master's Level

Area of Specialisation	CIVIL ENGINEERING	
University	APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY	
Student Name	Project Title	Year
SOORYA	Determination of wqi of vellayini lake	2020

Papers published in International Journals

SL No	Title	Year
1	DETERMINATION OF CARLSONS TROPHIC STATUS OF SASTHAMKOTTA LAKE published in INTERNATIONAL JOURNAL OF LAKES AND RIVERS	2021

Papers published in National Conferences

SL No	Title	Year
1	CANE2K16 National Conference on ' Civil Advancements in New Era' held on 11th March 2016	2016

Papers published in International Conferences

SL No	Title	Year
1	International Conference on Research Advances in Engineering and Technology held on September 24th & 25th 2021	2021

Books Published

SL No	Title	Coauthors
--------------	--------------	------------------

Faculty Profile		
1	SUSTAINABLE ENGINEERING	NIL

Consultancy Details

SL No	Consultancy	Year
1	NIL	NIL

Awards Received

SL No	Title	Organisation
1	best paper award	CANE2K16 National Advancements in March 2016

Patents/Grants Fetched

SL No	Patent	Grant
1	NIL	NIL

Technology Transfer

SL No	Details
1	NIL

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	CLIMATE CHANGE ADAPTATION AND MITIGATION	6 DAYS

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsor
1	NIL	2021,NIL

Positions Held

SL No	Details	Period
1	NIL	NIL

Expert Talks Delivered

SL No	Title	Year
1	NIL	2022



Faculty Profile



Date of Birth	13/01/1969
Gender	Female
Mobile No	9447862283
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	10/08/2001
Qualification(UG)	CIVIL ENGINEERING
Qualification(PG)	ENVIRONMENTAL ENGINEERING
Qualification(Ph. D)	
Total Experience in years(Teaching)	21
Total Experience in years(Industry)	2
Total Experience in years(Research)	21
Area of Specialisation	ENVIRONMENTAL ENGINEERING
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	


Projects Guided in Master's Level

Area of Specialisation	Environmental engineering	
University	KTU	
Student Name	Project Title	Year
NAMITHA M. S.	Application of X G Boost model to identify the area having high impact on air quality in Delhi	2021
LAKSHMI S G	Effect of air pollutants and meteorological factors on spread of COVID-19 and impact of lockdown	2021

Faculty Profile	on air quality in selected cities of India	
ASWATHY RAMESH	Development of a composite flood vulnerability index for Kerala	2021
SHADIYA S	Air pollution emission Inventory study at Thampanoor	2020
Annu Francis	Prediction of PM2.5 from Aerosol Optical Depth in Thiruvananthapuram Corporation	2020
Najiya	Study on variation of Urban Heat Island Effect in Thiruvananthapuram from Satellite Imageries	2019
Sreeja	Assessment of Particulate Matter and Bio-aerosol concentration in Indoor Environment of an Educational Institution	2019
GREESHMA	Population Exposure Analysis and Dosimetric Modeling of Indoor PM2.5 at Trivandrum	2019
ANNIE	Multi-Agent Flood Evacuation Simulation Model for an Urban Area	2019
ANJU	Study On Indoor PM2.5 And Microbial Concentration In Thiruvananthapuram City	2018
UMA MURALEEDHARAN	Study On Spatial Distribution Of Particulate Matter And Its Relation To Land Use Pattern In Kochi And Kozhikode Cities	2018
AMRUTHA KRISHNAN	Study On The Influence Of Urban Morphology On Microclimate	2018
AMRUTHA KRISHNAN	Study On The Influence Of Urban Morphology On Microclimate	2018
ATHIRA S	Prediction Of PM10 Using ANN And Its Hybrid With Genetic Algorithm	2017
SHILPA	Prediction Of Ambient Air Temperature Using Random Forest Method	2016
ASHA	Prediction Of PM10 Using ANN And Its Hybrid With Genetic Algorithm	2016
NEETHU	Assessment Of Ambient Air Quality Using Fuzzy Logic	2016
ATHIRA	Artificial Neural Network Models Of Particulate Matter (PM10) Concentration	2015

Papers published in International Conferences

SL No	Title	Year
1	1. Comparison of multi linear regression and artificial neural network models for urban air quality forecasting , International Conference on Air Pollution and and Monitoring (ICAM 2019), March 2019, School of Environmental Sciences, Mahatma Gandhi University, Kottayam, Kerala	2019
2	2. Study on evaluation of indoor bio-aerosol concentration in office buildings equipped with HVAC systems , International Conference on Air Pollution and and Monitoring (ICAM 2019), March 2019, School of Environmental Sciences, Mahatma Gandhi University, Kottayam, Kerala	2019

40.Name	Smitha M S	
Date of Birth	22/05/1974	
Gender	Female	

Faculty Profile	
Mobile No	9895261970
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Civil Engineering
Date of Joining in the Institution	01/06/2000
Qualification(UG)	Civil Engineering
Qualification(PG)	Structural Engineering
Qualification(Ph. D)	Civil Engineering
Total Experience in years(Teaching)	21 years
Total Experience in years(Industry)	0
Total Experience in years(Research)	3
Area of Specialisation	Structural Engineering
No.of Papers Published(National)	3
No.of Papers Published(International)	2
No.of Papers in conferences(National)	8
No.of Papers in conferences(International)	2
Professional Memberships	ISTE

Papers published in National Journals

SL No	Title	Year
1	M.S Smitha, S.R. Satish Kumar, Semi-rigid composite flange plate connections, Journal of Structural Engineering, Vol. 36, No. 2, 2009, pp. 243-249	2009
2	M.S Smitha, Sreedhanya Babu, Behaviour of Top and Seat Angle connections, Journal of the Institution of Engineers (India): Series A, Vol. 94, No.3, 2013, pp. 153-159	2013
3	M.S Smitha, Sreedhanya Babu, Moment-rotation curves for semi-rigid top and seat angle connections, Journal of Structural Engineering, Vol. 44, No. 2, June - July 2017 pp. 109-117.	2017

Papers published in International Journals

SL No	Title	Year
1	1. M.S Smitha, S.R. Satish Kumar, Semi-rigid composite flange plate connections, Journal of Structural Engineering, Vol. 36, No. 2, 2009, pp. 243-249	2009
2	2. M.S Smitha, S.R. Satish Kumar, Steel-concrete composite flange plate connections- finite	2009

Papers published in National Conferences

SL No	Title	Year
1	Smitha, M.S and Satish Kumar, S.R., Semi-rigid Steel-Concrete Composite Connections: Behaviour and FE Modelling, National Seminar on "Modern Trends in Structural Design and Construction" 23-24 March, 2007, Anna University, Chennai.	2007
2	Anagha K, Smitha M S, Seismic Behaviour of Unstiffened Steel Plate Shear Wall, 17th National Conference on Technological Trends (NCTT-2016), College of Engineering Trivandrum, 19th - 20th August 2016.	2016
3	Nikhil K, Smitha M S, Mechanical Properties of Self-Compacting Concrete, 14th National Conference on Technological Trends (NCTT-2013, College of Engineering Trivandrum, 30th – 31st August 2013.	2013
4	Vishnu P V, Smitha M S, Strength of Circular Concrete Filled steel Tubular (CFT) columns, 15th National Conference on Technological Trends (NCTT-2014), College of Engineering Trivandrum, August 2014.	2014
5	Thahsin Saidarakath, Smitha M S, Dynamic Response of Connected Adjacent Structures, National Conference on Technological Advancements in Engineering-2017, Sree Narayana Guru College of Engineering and Technology, Payyanur.	2017

Papers published in International Conferences

SL No	Title	Year
1	1. Smitha, M.S and Satish Kumar, S.R. Performance of Composite Beam-to-Column Semirigid Connections, Structural Engineers World Convention (SEWC 2007), 2-7 November, 2007, Bangalore	2007

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Earthquake Resistant Design and Construction Practices	2009,DTE
2	Structural Steel Design with IS 800:2007	2009,TEQUIP
3	Steel Concrete Composite Structures	2016,DTE
4	Advances in Bridge Engineering	2017,DTE

Positions Held

SL No	Details	Period
1	Head of the Department of Civil Engineering, Govt College of Engineering Kannur	2018-19

Expert Talks Delivered

SL No	Title	Year
1	Seismic Behaviour and Design of Structures	2015

Faculty Profile

3	Steel-Concrete Composite Connections	2016
4	Earthquake Resistant Design of Structures	2016
5	Steel Concrete Composite Structures	2021

41.Name **Thulaseedharan V**



Date of Birth 26/05/1968

Gender Male

Mobile No 9567896655

Faculty Type PERMANENT

Designation Associate Professor

Department Civil Engineering

Date of Joining in the
Institution 28/07/2017

Qualification(UG) B Tech

Qualification(PG) M Tech

Qualification(Ph. D) PhD

Total Experience in
years(Teaching) 15

Total Experience in
years(Industry) 17

Total Experience in
years(Research) 3

Area of Specialisation Structures

No.of Papers
Published(National)

No.of Papers 4

Published(International)**Faculty Profile**No.of Papers in
conferences(National)No.of Papers in
conferences(International) 2Professional
Memberships NIL**42.Name ANANDLAL R**

Date of Birth 26/12/1989

Gender Male

Mobile No 8281908965

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Civil Engineering

Date of Joining in the
Institution 14/06/2019

Qualification(UG) B.Tech Civil Engineering

Qualification(PG) M.Tech Structural

Qualification(Ph. D)

Total Experience in
years(Teaching) 5Total Experience in
years(Industry) 1.5Total Experience in
years(Research)

Area of Specialisation Concrete Design

No.of Papers
Published(National)No.of Papers
Published(International)No.of Papers in
conferences(National)

No.of Papers in 1

Faculty Profile

Professional Memberships	Lifetime Membership in ISTE and Institute of Engineers
--------------------------	--

Projects Guided in Master's Level

Area of Specialisation	Column Design
------------------------	---------------

University	KTU
------------	-----

Student Name	Project Title	Year
Athira Vijayan	Numerical Study on Square Concrete Filled Double Skin Tubular Column with Double Internal Steel Tubes	2021

Papers published in International Conferences

SL No	Title	Year
1	"Effect of Shape Modification on the Performance of CFRP confined Square Concrete Columns: A review"-published in International Conference on Systems,Energy and Environment 2021 conducted by GCEK,Kerala-pg 22-28	2021

Consultancy Details

SL No	Consultancy	Year
1	Taking up Consultancy works coming to College laboratory and outside works through College Consultancy Cell (ITC Office)	2019-2022

Positions Held

SL No	Details	Period
1	In charge of Department ICT section of Department	2019-2022

43.Name **Anish Kumar K**



Date of Birth 11/03/1973

Gender Male

Mobile No 9446148112

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Civil Engineering

Date of Joining in the Institution 01/08/2021

Qualification(UG) B.Tech

Qualification(PG) M.Tech in Civil Engineering

Qualification(Ph. D)

Faculty Profile	
Total Experience in years(Teaching)	14
Total Experience in years(Industry)	4
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

44.Name **Anusha S. P.**



Date of Birth	05/06/1981
Gender	Female
Mobile No	09446779699
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	18/06/2016
Qualification(UG)	B. Tech. in Civil Engineering
Qualification(PG)	M.S. in Transportation Engineering
Qualification(Ph. D)	Transportation Engineering
Total Experience in years(Teaching)	14

Total Experience in 1

Faculty Profile

Total Experience in years(Industry)	3
Total Experience in years(Research)	
Area of Specialisation	Transportation Engineering
No.of Papers Published(National)	1
No.of Papers Published(International)	7
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	17
Professional Memberships	Member of Institution of Engineers (India) - Membership No: M-1695945 Member of Indian Roads Congress - Membership No: 102641 Member of American Society of Civil Engineers, USA – Membership No: - 000011899510 Member of Transportation Research Group – Membership No: - 20167

Projects Guided in Master's Level

Area of Specialisation	Traffic and Transportation Engineering	
University	Kerala Technological University	
Student Name	Project Title	Year
Akhilesh Jayan	Travel time prediction under heterogeneous traffic conditions using RFID and Bluetooth sensors	2018
Binu U.	Prioritization of accident black spots and development of accident prediction model for Kerala	2018
Praveena Raj	Evaluation of effectiveness of RFID sensors for performance analysis of signalized intersections under mixed traffic conditions	2019
Suji S.	Development of a strategic framework for the maintenance of major district roads in Thiruvananthapuram district	2020
Aneesh Babu	Development of an adaptive signal control system for mixed traffic conditions	2021
Mohammed Hafiz A. N.	Real time delay estimation model for pre-timed signalized intersections under mixed traffic conditions	2021

Papers published in National Journals

SL No	Title	Year
1	Reddy, V. V, S. P. Anusha, R. Sivanandan, 2006, Evaluation of Signal Interruptions on Vehicular Emissions, Indian Journal of Environmental Protection, Vol. 26, No: 4.	2006

Papers published in International Journals

SL No	Title	Year
1	S. P. Anusha, R. A. Anand, and L. Vanajakshi, 2012, Data Fusion Based Hybrid Approach for the Estimation of Urban Arterial Travel Time, Journal of Applied Mathematics.	2012

2	Anusha, S. P., Sharma A., Vanajakshi L., Subramanian S. C., and Rilett L. R. (2016). Model Based	2016
---	--	------

Faculty Profile	Approach for Queue and Delay Estimation at Signalized Intersections with Erroneous Automated Data. Journal of Transportation Engineering, 142 (5), 04016013.	
3	Anusha S.P., Vanajakshi L., Subramanian S. C., and Rilett, L. R. (2017). Cycle-by-Cycle Analysis of Signalized Intersections for Varying Traffic Conditions with Erroneous Detector Data, ASCE Journal of Transportation Engineering, 143, (8), https://doi.org/10.1061/JTEPBS.0000059 .	2017
4	Akhilesh J., Anusha S.P. (2019) Travel Time Prediction under Mixed Traffic Conditions Using RFID and Bluetooth Sensors, Periodica Polytechnica Transportation, 48, (3), https://doi.org/10.3311/PPtr.13779	2019
5	Anusha S.P., Vanajakshi L., Subramanian S. C., and Rilett, L. R. (2021) Dynamical systems approach for queue and delay estimation at signalized intersections under mixed traffic conditions, Transportation Letters, pp 1-13.	2021
6	Anusha S.P., Vanajakshi L., Subramanian S. C., (2022) Dynamical systems approach for Travel Time Prediction in Intermediate Section under Mixed Traffic Conditions, Journal of Intelligent Transportation System (in press)	2022
7	Jiniraj, R.B., Joy, S., Jayasree, P.K., Chanthu, R., Peter, L. and Anusha, S.P., 2020. Application of Latex Backed Jute Geotextiles in Flexible Pavements: A Macroscale Study. Journal of Natural Fibers, pp.1-12.	2020
8	Hafiz, M. and Anusha, S.P., 2022. Real time delay estimation model for mixed traffic conditions using RFID detections as data source, Transportation in Developing Economies (in press)	2022
9	Effect of surface modification on performance of natural fibers - A review, Indian Geotechnical Conference, 2020, December 17-19, 2020, Andhra University College of Engineering, Vishakhapatnam	2020

Papers published in National Conferences

SL No	Title	Year
1	Anusha, S.P, R. Sivanandan, 2009, A methodology for On-road Vehicular Emissions Measurement, Focussing on Advances in Civil Engineering (FACE –2008), National Conference February 21-23, T K M College of Engineering, Kollam.	2009
2	Anusha, S.P, R. Sivanandan, 2009 Effect of Vehicular Characteristics on Emissions under Heterogeneous Traffic Conditions, National Conference on Recent Innovations in Technology(NCRIT 09), Rajiv Gandhi Institute of Technology, Kottayam.	2009
3	Anusha S.P., Gayathri V.G., Anoop Raj 2011, Performance Evaluation of Waste Plastic in Bituminous Concrete Mixtures, , National Conference on Recent Innovations in Technology(ICRIT 2011), Rajiv Gandhi Institute of Technology, Kottayam.	2011
4	H. Thomas, S. P. Anusha, L. Vanajakshi, and A. Sharma, 2013, Queue Length and Delay Estimation at Signalized Intersections Using Detector Data, 2013, Urban Transport Research Journal, The UMI Research Symposium.	2013
5	Akhilesh J., Anusha S.P., 2018, Model based estimation of queue at signalized intersections under mixed traffic conditions, Kerala Technological Congress (KETCON) 2018 Human Computer Interface.	2018

Papers published in International Conferences

SL No	Title	Year
1	Anusha S. P., R. Sivanandan, and S. K. Senthil Raj. 2008, Study of Influence of Lane Restrictions on Vehicular Emissions under Heterogeneous Traffic Flow. Transportation Land Use Planning and Air Quality: Proceedings of the 2007 Transportation Land Use- Planning and Air Quality Conference: July 9-11, Orlando, Florida. ASCE Publications.	2008
2	Anusha S.P, R. Sivanandan, S. K. Senthil Raj, 2008, Evaluation of Vehicular Emissions under Lane	2008

Faculty Profile		Restricted Heterogeneous Traffic Flow, 2008 Annual Meeting of TRB, Washington, D.C., USA.
3	Anusha, S.P, R. Sivanandan , 2012, Analysis of Vehicular Tailpipe Emissions under Heterogeneous Traffic Conditions, International Conference on Recent Innovations in Technology (ICRIT 2012), RIT, Kottayam, Kerala. January 12-14, pp 5-9	2012
4	L. Deepa, S. P. Anusha, L. Vanajakshi, 2012, Estimation of Urban Arterial Travel Time under Indian Traffic Conditions, 10th TPMDC , Dec 12-14, I.I.T. Bombay, Mumbai, India.	2012
5	S. P. Anusha, L. Vanajakshi, S. C. Subramanian and A. Sharma, 2015, Performance Comparison of Two Model Based Schemes for Estimation of Queue and Delay at Signalized Intersections, 2015 IEEE Intelligent Vehicles Symposium (IV), June 28 - July 1, COEX, Seoul, Korea	2015
6	Anusha, Lelitha Vanajakshi and Shankar C. Subramanian, Use of occupied area for queue and delay estimation at signalized intersections under mixed traffic conditions, 96th Transportation Research Board Annual Meeting, Washington, D. C., USA, January 2017.	2017
7	Deepika Mohan, Bino I Koshy, Anusha S P, 2016, Study on Effect of Gradient on Stream Equivalency Factor for Undivided Two Lane Highways, 12th TPMDC, Dec 19-21, I.I.T. Bombay, Mumbai, India	2016
8	Akhilesh J., Anusha S.P., R. Padmakumar, Evaluation of effectiveness of RFID and Bluetooth sensors for travel time studies under missed traffic conditions, 98th Transportation Research Board Annual Meeting, Washington, D. C., USA, January 2019.	2019
9	Babu, A. Hafiz, M., and Anusha, S.P., 2021. Evaluation of effectiveness of RFID sensors for delay estimation under mixed traffic conditions, Presented in 13th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC) during 10 and 11 December 2020.	2021
10	Hafiz, M., Babu, A. and Anusha, S.P., 2021. Delay estimation model for a pre-timed signalized intersection under mixed traffic conditions, Presented in 13th International Conference on Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC) during 10 and 11 December 2020.	2021
11	Hafiz, M., Babu, A. and Anusha, S.P., 2021. Comparative Study of Estimation Models and Sensor Data Application for Delay Estimation at Pre-Timed Signalized Intersections under Mixed Traffic Conditions, Accepted for presentation in Transportation Research Board 100th Annual Meeting.	2021
12	Binu U., Anusha S.P., Prioritization and development of accident prediction model for black spots of Kerala, 7th Conference on Transportation Systems Engineering and Management (CTSEM 2020) during December 29-30, 2020	2020
13	Suji S., Anusha S.P., Development of a strategic framework for major district roads in Thiruvananthapuram district, 7th Conference on Transportation Systems Engineering and Management (CTSEM 2020) during December 29-30, 2020	2020
14	Chithra A. S. and Anusha S.P. Vehicle actuated signal control system for mixed traffic conditions, 6 th CTRG, NIT Trichy, December 2021.	2021
15	Hafiz, M. and Anusha, S.P., 2021. Real time delay estimation model for mixed traffic conditions using RFID detections as data source, 6 th CTRG, NIT Trichy, December 2021.	2021

Awards Received

SL No	Title	Organisation
1	Selected for student exchange programme of IIT Madras.	University of Nebr U.S.A
2	Received travel grant from Indian Institute of Technology Madras Financial Assistance to attend and present research paper in 2015 IEEE Intelligent Vehicles Symposium (IV), June 28 - July 1, 2015, COEX, Seoul, Korea.	IIT Madras
3	Approved travel grant from University Grants Commission to attend and present research paper in	University Grants

Faculty Profile	96th Transportation Research Board Annual Meeting, Washington, D. C., USA, January 2017.	
4	Received travel grant from Transportation Research Centre, CET to attend and present my research paper in 96th Transportation Research Board Annual Meeting, Washington, D. C., USA, January 2017.	Transportation Re
5	Selected by the Society Awards Committee of ASCE to receive the 2019 Arthur M. Wellington Prize for the paper, "Cycle-by-Cycle Analysis of Signalized Intersections for Varying Traffic Conditions with Erroneous Detector Data," Journal of Transportation Engineering, Part A: Systems, August 2017."	Society Awards C
6	Received partial travel grant from Indian Institute of Technology Madras Financial Assistance to attend and receive the 2019 Arthur M. Wellington Prize in the ASCE convention 2019 held in Miami, Florida, U.S.A.	Indian Institute of

Patents/Grants Fetched

SL No	Patent	Grant
1		Real time monitor arterial using Rad and Bluetooth ser Transportation Re
2		Fabrication and e (Feedback Speed conditions funded Research Centre,

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Statistical and simulation modeling in Transportation Engineering	16- 20 March 202
2	Exploring DST funding schemes	27 January – 03 F
3	Cloud of Things	22- 27 February 2
4	One day workshop on outcome based education	05.07.2019
5	Urban Mobility: Challenges and Opportunities'	08- 14 September
6	Eective teaching methodologies in engineering education	17/10/2016 22/09,
7	Health monitoring of RCC/steel structures	21/11/2016 26/11/
8	Product development of an IoT device	07/06/2017 09/07,
9	Sustainable Engineering - The road ahead	10/07/2017 15/07,
10	Orientation programme for staff advisors of Engineering COLleges	21-12-2016 to 23-
11	Capability advancement training for staff advisors	02-07-2018 to 07-
12	Advance course on applications of CUBE compact	11-03-2019 to 15-
13	Sustainable construction materials	16-07-2018 to 20-

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
College of Engineering Trivandrum		

Faculty Profile		
1	Bituminous Material Characterization, Three day Short Term Training Programme, 10-21 November 2009, RIT Kottayam.	2009, Directorate of
2	ITS Theory and Applications, Five day Short Term Training Programme, June 1-5, 2016, CET Thiruvananthapuram.	2016, TEQIP
3	Real Time Applications of Intelligent Transportation Systems, Three day Workshop, December 10-12, 2018, CET Thiruvananthapuram. Brainstorming session on Research to Practice-Towards better road on 18 th January 2020 sponsored by Transportation Engineering Research Centre, CET	2018, Transportation Centre (TRC)

Positions Held

SL No	Details	Period
1	Faculty co-ordinator of ASCE student chapter, CET	2021 to till date
2	Faculty advisor of B.Tech Civil Engineering students	2016-2020
3	Faculty advisor of B.Tech Civil Engineering students	2021 till date

Expert Talks Delivered

SL No	Title	Year
1	Delivered an expert talk "Intelligent Transportation Systems: Theory and applications" in the National Seminar Recent Trends in Infrastructure Development and Disaster Management conducted by Baseline Mathews II College of Engineering during 4th and 5th of February 2019 .	2019
2	Delivered an expert talk "Application of Automated Sensor Data for Development of Estimation Models for Real Time Traffic Management" in Florida Atlantic University, Florida, U.S.A during 14th of October 2019 as part of Freight Mobility Research Institute (FMRI) Lecture series at FAU.	2019
3	Delivered an expert talk "ITS applications under homogeneous and mixed traffic conditions" in the webinar conducted by Jyothi Engineering College, Thrissur in association with ISTE chapter, JECC during 6th of August 2020.	2020
4	Delivered an expert talk "Changing Transport" in the webinar conducted by College of Engineering Trivandrum in association with ICI chapter during 24th of January 2021.	2021
5	Delivered an expert talk "Intelligent Transportation Systems of the future" in the webinar conducted by Government Engineering College Barton Hill in association with ICI chapter during 13th of February 2021.	2021
6	Delivered a keynote lecture on "Technologies for Smart Transportation" in the International Web Conference in Civil Engineering for a Sustainable Planet (ICCESP 2021) organized by Habilete Learning Solutions in collaboration with American Society of Civil Engineers (ASCE), TKM College of Engineering and Baseline Mathews II College of Engineering, Kollam, Kerala on 5th and 6th March 2021.	2021
7	Chaired a session in Transportation Engineering in the International Web Conference in Civil Engineering for a Sustainable Planet (ICCESP 2021) organized by Habilete Learning Solutions in collaboration with American Society of Civil Engineers (ASCE), TKM College of Engineering and Baseline Mathews II College of Engineering, Kollam, Kerala on 5th and 6th March 2021.	2021



Faculty Profile

Date of Birth	26/04/1978
Gender	Male
Mobile No	9446489286
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	06/08/2021
Qualification(UG)	Civil Engineering
Qualification(PG)	Structural Engineering
Qualification(Ph. D)	Structural Engineering
Total Experience in years(Teaching)	17
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	Structural Engineering
No.of Papers Published(National)	1
No.of Papers Published(International)	1
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	12
Professional Memberships	ICI, IABMAS

Faculty Profile



Date of Birth	18/01/1976
Gender	Male
Mobile No	9447081068
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	02/07/2007
Qualification(UG)	BTECH
Qualification(PG)	MTECH
Qualification(Ph. D)	
Total Experience in years(Teaching)	22 Years
Total Experience in years(Industry)	0
Total Experience in years(Research)	0
Area of Specialisation	Structural Engineering
No.of Papers Published(National)	1
No.of Papers Published(International)	0
No.of Papers in conferences(National)	6
No.of Papers in conferences(International)	1
Professional Memberships	2

Papers published in National Journals

SL No	Title	Year
1	Study on the Behaviour of Welded T-Joints in Hollow Circular Steel Sections – IJIRSET, Volume-2, special Issue-1, December 2013 ISSN (Print): 2347-6710 ISSN (Online): 2319-8753	2013


Papers published in National Conferences

SL No	Title	Year
-------	-------	------

Faculty Profile		
1	Effect of Lateral Load Patterns in Push over Analysis - National Conference on Technological Trends (NCCT 2009)	2009
2	Comparison of Push over analysis methods for Knee Braced Frames - National Conference on Technological Trends (NCCT 2011)	2011
3	Study of Failure Patterns of Structural Steel Hollow section Connections under Tension - National Conference on Technological Trends (NCCT 2011)	2011
4	Experimental Investigations on the Strength Characteristics of Tubular T- Joints in Circular Hollow Sections - 15th National Conference on Technological Trends (NCCT 2014)	2014
5	Study of Behaviour of Cast Steel Connector in Circular Hollow Sections under Cyclic Loading - National Conference on Technological Trends (NCCT 2016)	2016
6	A comparative Study of the Behaviour of Cast Steel T-joint Connector and Welded T-Joint- National Conference on Technological Trends (NCCT 2016)	2016

Papers published in International Conferences

SL No	Title	Year
1	Web Buckling of Castellated Beams - 1st International Conference on Technological Trends ICTT 2010	2010

47.Name	Divya Chandran	
Date of Birth	20/05/1986	
Gender	Female	
Mobile No	9562062594	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Civil Engineering	
Date of Joining in the Institution	15/06/2019	
Qualification(UG)	BTECH	
Qualification(PG)	MTECH	
Qualification(Ph. D)		
Total Experience in years(Teaching)	8	

Total Experience in	3
---------------------	---

years(Industry)
Faculty Profile

Total Experience in years(Research)	0
Area of Specialisation	Hydraulics Engineering
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	
Professional Memberships	2

48.Name **Dr. SAYIDA M K**

Date of Birth	29/05/1966
Gender	Female
Mobile No	9400288610
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	01/06/2001
Qualification(UG)	B. Tech.
Qualification(PG)	M E
Qualification(Ph. D)	Ph. D
Total Experience in years(Teaching)	23 years 2 months
Total Experience in years(Industry)	2 years 4 months
Total Experience in years(Research)	18 years

Area of Specialisation Geotechnical Engineering

Faculty Profile	
No.of Papers Published(National)	2
No.of Papers Published(International)	5
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	ISTE life member, IGS Cochin chapter and IGS India lifemember

49.Name Dr. VANDANA R K



Date of Birth	16/02/1977
Gender	Female
Mobile No	7907880972
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	29.07.2016
Qualification(UG)	BTech in Civil Engineering
Qualification(PG)	MTech in Offshore Structures
Qualification(Ph. D)	PhD in Structural Engineering
Total Experience in years(Teaching)	15 Years
Total Experience in years(Industry)	NIL
Total Experience in years(Research)	5
Area of Specialisation	Structural Engineering
No.of Papers Published(National)	1

No.of Papers 4

No.of Papers in conferences(National)	1
---------------------------------------	---

No.of Papers in conferences(International)	3
--	---

Professional Memberships	ISNT
--------------------------	------

Projects Guided in Master's Level

Area of Specialisation	Seismic Analysis of RC Joints
------------------------	-------------------------------

University	KTU
------------	-----

Student Name	Project Title	Year
Sarath RN	ANALYSIS OF INTERIOR BEAM COLUMN JOINT HAVING DIAGONAL TIES WITH VARYING PARAMETERS UNDER CYCLIC LOADING	2018
Dona Eliza Joy	EFFECT OF SIDE-NEAR SURFACE MOUNTED GFRP BARS ON FLEXURAL STRENGTH OF RC BEAMS	2020
Devika L	FLEXURAL PERFORMANCE OF RC BEAMSTRENGTHENEDWITHNEARSURFACEMOUNTEDCFRPLAMINATES	2021
Greeshma G Raj	NUMERICAL ANALYSIS ON TORSIONAL STRENGTHENING OF RC BEAM USING EBR & NSM METHOD WITH DIFFERENT FRPs.	2021

Papers published in National Journals

SL No	Title	Year
1	1. Bindhu, K. R., Vysakh, V. and Vandana, R.K.(2018), 'Behaviour of RC interior beam column joints with diagonal bars under reverse cyclic loading'. Journal of Structural Engineering (SERC), 44(5): 459-465.	2018

Papers published in International Journals

SL No	Title	Year
1	1. Vandana, R.K. and Bindhu, K.R.(2017), 'Influence of geometric and material characteristics on the behaviour of reinforced concrete beam-column connections', Canadian Journal of Civil Engineering, 44(5): 377-386. DOI: 10.1139/cjce-2016-0247.	2016
2	2. Vandana, R.K. and Bindhu, K.R. (2017), 'A new model for failure mode of reinforced concrete interior beam column joints under seismic loading', Asian Journal of Civil Engineering (BHRC), 18(2): 235-253.	2017
3	3. Vandana, R.K. and Bindhu, K.R. (2014), 'RCC interior beam column joints under reversed cyclic loading State of the Art', International Journal of Scientific and Engineering Research, 5(7): 519-526.	2014
4	8. "Probabilistic Model for Shear Strength of RC Interior Beam Column Joints", Journal of Earthquake Engineering, 2018. DOI: 10.1080/13632469.2018.1495135	2018

Papers published in National Conferences

SL No	Title	Year
1	2. "Non-linear Dynamic Analysis of Underwater Towed Cables: A Finite Element Approach", National	2014

Papers published in International Conferences

SL No	Title	Year
1	1. "Finite Element Analysis of Underwater Towed Cables", International Conference on Energy and Environment, ICEE 2013, Dec 12-14, 2013, RIT Kottayam, Kerala.	2013
2	2. Vandana, R. K. and Bindhu, K. R. (2014), 'RCC interior beam column joints under reversed cyclic loading State of the Art', International Conference on Materials, Mechanics and Management, College of Engineering, Trivandrum (In: International Journal of Scientific and Engineering Research, 5(7), Pages 519-526).	2014
3	Vandana, R.K. and Bindhu, K. R. (2014), 'Statistical failure mode models for the design of RC interior beam column sub-assemblages', Structural Engineering Convention, IIT Delhi (In: Academic Reference Series, Advances in Structural Engineering, Volume 4, Pages: 2969-2984).	2014

50.Name HARITH SURAJ D



Date of Birth	05/09/1990
Gender	Male
Mobile No	9745473148
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	01/12/2021
Qualification(UG)	Btech in Civil Engineering
Qualification(PG)	Mtech in Structural Engineering and Construction Management
Qualification(Ph. D)	
Total Experience in years(Teaching)	5.75
Total Experience in years(Industry)	2
Total Experience in years(Research)	
Area of Specialisation	Structural Engineering and Construction Management

No.of Papers

Published(National)

Faculty Profile

No.of Papers

Published(International)

No.of Papers in
conferences(National) 1

No.of Papers in
conferences(International)

Professional
Memberships

Papers published in National Conferences

SL No	Title	Year
1	Lalu Mangal and D. Harith Suraj , “ Multi-Level Tubular Truss Bridge: An Alternative To Road Widening” , presented at the CUSAT National Conference on Recent Advances in Structural Engineering RASE 2013, Kochi, Kerala , India, Dec. 13 -15, 2013, Paper 15, pp 235-242.	2013

51.Name Lekshmy Devi C A



Date of Birth 17/09/1980

Gender Female

Mobile No 9496852329

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Civil Engineering

Date of Joining in the
Institution 12/06/2019

Qualification(UG) B.Tech in Civil Engineering

Qualification(PG) M.Tech in Hydraulics Engineering

Qualification(Ph. D)

Total Experience in
years(Teaching) 15

Total Experience in
years(Industry) 0

Total Experience in 0

years(Research)

Faculty Profile

Area of Specialisation	Hydraulics Engineering
No.of Papers Published(National)	0
No.of Papers Published(International)	1
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	3
Professional Memberships	Nil

52.Name **NIKHITHA P**



Date of Birth	01/05/1985
Gender	Female
Mobile No	9496366233
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	01/12/2021
Qualification(UG)	B.Tech in Civil Engineering
Qualification(PG)	M.Tech in Environmental Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	
Total Experience in years(Industry)	9 years
Total Experience in years(Research)	
Area of Specialisation	Environmental Engineering

No.of Papers

Published(National)**Faculty Profile**

No.of Papers
Published(International)

No.of Papers in
conferences(National) 1

No.of Papers in
conferences(International)

Professional
Memberships

53.Name **PARVATHY U**



Date of Birth 03/05/1989

Gender Female

Mobile No 6282772931

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Civil Engineering

Date of Joining in the
Institution 22/11/2021

Qualification(UG) B.TECH

Qualification(PG) M.TECH

Qualification(Ph. D) Doing Ph.D

Total Experience in
years(Teaching) 8

Total Experience in
years(Industry) 0

Total Experience in
years(Research) 0

Area of Specialisation STRUCTURAL ENGINEERING

No.of Papers
Published(National) 0

No.of Papers
Published(International) 4

No.of Papers in 6

No.of Papers in
conferences(International)

8

Professional
Memberships

NIL

Papers published in International Journals

SL No	Title	Year
1	K. P. Beena and U. Parvathy (2014), "Linear Static Analysis of Functionally Graded Plate using Spline Finite Strip Method", Composite Structures, Vol. 117, pp. 309-315	2014
2	Parvathy U, Beena K.P. (2013), "Spline finite strip bending analysis of functionally graded plate using power-law function", International Journal of Scientific and Engineering Research, Vol. 4(5):166–16	2013
3	Parvathy U and Yamuna S.R.(2017)., "Linear Static Analysis of Outrigger Structural System subjected to Lateral Loading", International Journal of Engineering and Advanced Technology, Vol 7, pp. 189-192	2017
4	Parvathy U. and Ancy Alex (2016), "Thermal buckling analysis of Functionally Graded Plates using Power Law Function ", International Journal of Scientific & Engineering Research, Volume 7, Issue 10, pp. 73-77.	2016

Papers published in National Conferences

SL No	Title	Year
1	Parvathy U and Dr. Beena K. P. (2012), "Bending Analysis of Functionally Graded Plate using Spline Finite Strip Method", Proceedings of 13th National Conference on Technological Trends, College of Engineering Trivandrum.	2012
2	Parvathy U and Dr. Beena K. P. (2013), "Sigmoid Idealisation for the Bending Analysis of Functionally Graded Plate", Proceedings of 14th National Conference on Technological Trends, College of Engineering Trivandrum.	2013
3	Ambili R G and Parvathy U (2014), "Buckling Analysis of Functionally Graded Plates using New Hyperbolic Shear Deformation Theory", Proceedings of National Conference on Furthering Aspirations in Civil Engineering Techniques, Government college of Engineering Kannur.	2014
4	Parvathy U and Shafeek N (2017), "Linear Static Analysis of Flat Slab Soft Storeyed Hybrid Structural System", The 5th National Conference on Advances in Structural Engineering, MBCET, Trivandrum	2017
5	Adlin Antony, Alka Mariam Roshan, Jesly Jayan, Shimy Jacob and Parvathy U(2019), "Mechanical behavior of GFRP wrapped steel concrete composite slender column", National Conference on Advances in Structural Engineering (NASE '19), Mar Baselios College of Engineering and Technology, Trivandrum.	2019
6	Ajna Manaf & Parvathy U. (2019), "Stress strain characteristics of steel fibre reinforced concrete with electric arc furnace slag as coarse aggregate", National Conference on Advances in Structural Engineering (NASE '19), Mar Baselios College of Engineering and Technology, Trivandrum.	2019

Papers published in International Conferences

SL No	Title	Year
1	Parvathy U. and Dr. Beena K.P. (2013), "Exponential idealisation for the bending analysis of	2013

Faculty Profile	functionally graded plates", Proceedings of 2nd International Conference on Modeling & Simulation in Civil Engineering, TKM College of Engineering, Kollam.	
2	Parvathy U. and Ancy Alex (2016), "Thermal buckling behaviour of Functionally graded plates", Proceedings of International Conference on Innovations in Structural Engineering and Construction (ICISEC), Amal Jyothi College of Engineering	2016
3	Parvathy U. and Ancy Alex (2016), "Thermal buckling analysis of Functionally Graded Plates using Power Law Function", International Conference on Developments in Construction and Structural Engineering (icDSCE'16), NSS College of Engineering Palakkad.	2016
4	Parvathy U and Shafeek N (2017), "Seismic Performance of flat slab soft storeyed hybrid structural system", International Conference on Innovative Developments in Engineering and Applied Sciences, UKF College of Engineering and Technology, Kollam	2017
5	Parvathy U and Yamuna S.R (2017), "Linear Static Analysis of Outrigger Structural System subjected to Lateral Loading", International Conference on Modelling and Simulation in Civil Engineering (ICMSC), TKM College of Engineering, Kollam.	2017
6	Gayathri D.S. and Parvathy U. (2019), "Buckling Analysis of Slender Hollow Core CFST Column", 5th International Conference on Modeling and Simulation in Civil Engineering (ICMSC 2019), TKM College of Engineering, Kollam	2019
7	Gayathri D.S. and Parvathy U. (2020), "Buckling Analysis of Stiffened Functionally Graded Material Plates under Uniaxial Compression", IMMM 2020, College of Engineering, Trivandrum	2020
8	Parvathy U. (2021), "A critical review on mechanical and thermal buckling of functionally graded plates", International Conference on Advancements and Innovations in Civil Engineering (IC-AICE-2021), KDK College, Nagpur.	2021

Awards Received

SL No	Title	Organisation
1	Best paper award for the paper entitled "Bending analysis of Functionally Graded Plate using Spline Finite Strip Method"	National Conferer at College of Engi
2	Best paper award for the paper entitled "Buckling Analysis of Functionally Graded Plates using New Hyperbolic Shear Deformation Theory"	National Conferer Aspirations in Civi
3	Best MBCET project award from Civil Department for the B.Tech project titled "Design and analysis of floating solar cum agricultural pontoons for sustainable development in Kerala"	Mar Baselios Coll Technology

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Advanced design of Concrete Structures	24/-28 June 2019
2	NPTEL online course on Engineering Mechanics	12 weeks January
3	Workshop on Advanced Engineering Mathematics	14-25 January 20
4	Finite Element Analysis of Structure using ANSYS	10-11 January 20

Faculty Profile

5	Advanced Structural Analysis	9-13 July 2017 (5
6	Introduction to Structural Engineering	30 Nov 2015-9 Ja
7	Steel Concrete Composite Structures	24-26 February 20
8	National Seminar on Advances in Structural Engineering	7th and 8th April 2
9	Introduction to MATLAB	18-24 November ;
10	Workshop on Teaching and Learning	7th December 20
11	Two-week STTP on Fluid Mechanics	May 2014 (14 day
12	National Seminar on Advances in Structural Engineering	16th and 17th Dec
13	Applications of Advanced Composite Materials in Engineering	5-7 December 20
14	Workshop on Application of Sensors in Civil Engineering Research and Development	26-28 June 2013

54.Name PRANOY S RAJ



Date of Birth 16/04/1989

Gender Male

Mobile No 9746339053

Faculty Profile	
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	01/12/2021
Qualification(UG)	B TECH in Civil Engineering
Qualification(PG)	M TECH in Transportation Systems Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	2.5
Total Experience in years(Industry)	5
Total Experience in years(Research)	
Area of Specialisation	Transportation Engineering
No.of Papers Published(National)	1
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

55.Name **Sajitha Beegom A**



Date of Birth	10/03/1979
Gender	Female
Mobile No	9447592095
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering

Faculty Profile	
Date of Joining in the Institution	08/07/2016
Qualification(UG)	B tech
Qualification(PG)	M tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	5 years
Total Experience in years(Industry)	7 Years
Total Experience in years(Research)	
Area of Specialisation	Structural Engineering
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Projects Guided in Master's Level

Area of Specialisation	Structural Engineering	
University	KTU	
Student Name	Project Title	Year
Anas Mohammed	Static Analysis of laterally loaded RC pile in sand under FRP confinement	2018
Yamil S	Yamil S Comparative study on retrofitting of beams using Fibre Reinforced Cementitious Materials and Fibre Reinforced Polymers Completed in 2019	2019
Anjali	A STUDY ON THE UTILIZATION OF ACTIVATED STEEL SLAG AS PARTIAL REPLACEMENT OF CEMENT IN CONCRETE	2020
Nithya Joseph	BEHAVIOUR OF ADDITIVELY MANUFACTURED CONCRETE CELLULAR COLUMNS UNDER AXIAL LOADING CONDITIONS	2021

Faculty Profile

Date of Birth	13/07/1990
Gender	Male
Mobile No	9496819692
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	02/12/2021
Qualification(UG)	BTECH
Qualification(PG)	MTECH
Qualification(Ph. D)	
Total Experience in years(Teaching)	5.5
Total Experience in years(Industry)	0
Total Experience in years(Research)	0
Area of Specialisation	SSTRUCTURAL ENGINEERING
No.of Papers Published(National)	0
No.of Papers Published(International)	0
No.of Papers in conferences(National)	0
No.of Papers in conferences(International)	2
Professional Memberships	0



Faculty Profile

Date of Birth	30/05/1990
Gender	Male
Mobile No	+919446269919
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	25/07/2019
Qualification(UG)	B Tech
Qualification(PG)	M Tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	2.5
Total Experience in years(Industry)	2
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	



Faculty Profile

Date of Birth	27/05/1974
Gender	Female
Mobile No	9446102414
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	01/06/2001
Qualification(UG)	B Tech (Civil Engineering)
Qualification(PG)	M. Tech (Hydraulics Engineering)
Qualification(Ph. D)	
Total Experience in years(Teaching)	21.3
Total Experience in years(Industry)	0.7
Total Experience in years(Research)	18
Area of Specialisation	Hydraulics Engineering
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	20
No.of Papers in conferences(International)	4
Professional Memberships	ISTE

Faculty Profile



Date of Birth	30/05/1976
Gender	Female
Mobile No	9895584298
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	04/05/2018
Qualification(UG)	B Tech
Qualification(PG)	M E
Qualification(Ph. D)	
Total Experience in years(Teaching)	8
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	SOIL MECHANICS & FOUNDATION ENGINEERING
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Projects Guided in Master's Level

Area of Specialisation	SOIL MECHANICS	
University	KTU	
Student Name	Project Title	Year
MAHIMA D	Performance evaluation of demolition waste infilled geocell-reinforced subgrade by flexural and rutting analysis	2020
ATHIRA T	“Effect of Palm Fibres on Lime Blended Sandy Clay”	2020

Papers published in International Journals

SL No	Title	Year
1	Performance evaluation of demolition waste infilled geocell-reinforced subgrade by flexural and rutting analysis " in Road Materials and Pavement Design To link to this article: https://doi.org/10.1080/14680629.2021.1924233	2021

60.Name SMITHA S



Date of Birth	25/05/1985
Gender	Female
Mobile No	9846628344
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	6/9/2021
Qualification(UG)	Biochemistry
Qualification(PG)	Biochemistry
Qualification(Ph. D)	
Total Experience in years(Teaching)	6 yrs
Total Experience in years(Industry)	
Total Experience in years(Research)	5
Area of Specialisation	Bioactive compound isolation and characterisation
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	

No.of Papers in

Professional
Memberships

61.Name **Sreedevi A R**



Date of Birth 18/11/1985

Gender Female

Mobile No 9995065641

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Civil Engineering

Date of Joining in the
Institution 12/06/2019

Qualification(UG) M. Tech

Qualification(PG) Construction Technology and Management

Qualification(Ph. D)

Total Experience in
years(Teaching) 3

Total Experience in
years(Industry) 7.5

Total Experience in
years(Research)

Area of Specialisation Construction Technology and Management

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

Faculty Profile

62.Name SUMI S



Date of Birth	19/05/1977
Gender	Female
Mobile No	9497267617
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	29/7/2016 AN
Qualification(UG)	B Tech (Civil Engineering)
Qualification(PG)	M Tech (Civil Engineering)
Qualification(Ph. D)	Ph.D (Civil Engineering)
Total Experience in years(Teaching)	14
Total Experience in years(Industry)	2.5
Total Experience in years(Research)	1
Area of Specialisation	Environmental Engineering
No.of Papers Published(National)	Nil
No.of Papers Published(International)	6
No.of Papers in conferences(National)	4
No.of Papers in conferences(International)	7
Professional Memberships	ASCE, IGS

Projects Guided in Master's Level

Area of Specialisation Environmental Engineering

University APJKTU

Faculty Profile Student Name	Project Title	Year
Sujith V Kuruvilla	OF A LOW COST DOMESTIC IRON REMOVAL FILTER	2018
Murshida T	REMOVAL OF FLUORIDE FROM DRINKING WATER USING ADSORBENTS COATED WITH ALUMINIUM HYDROXIDE	2018
Bincy B S	APPLICATION OF MOVING BED BIO-REACTOR FOR THE TREATMENT OF MUNICIPAL WASTEWATER	2018
Anusree N	SUITABILITY OF WASTE MATERIALS FOR LANDFILL COVERS AND MODELLING	2019
Elizabeth Teenu George	ASSESSMENT OF CARBON FOOTPRINT OF THE UNIVERSITY OF KERALA, KARIAVATTOM AND PROPOSAL OF EMISSION REDUCTION APPROACHES	2019
Sreelekha VR	ENVIRONMENTAL IMPACT ASSESSMENT FOR IMPLEMENTATION OF WATER SUPPLY SCHEME TO VILAPPIL AND ADJOINING PANCHAYATHS	2019
SH Anjali	OIL SPILL REMOVAL USING CHITOSAN BASED AEROGEL MEMBRANE	2020
Athira TM	CHICKEN FEATHERS AS BIOSORBENT FOR DYE REMOVAL: KINETIC, ISOTHERM AND THERMODYNAMIC STUDIES	2020
Rema Devi S	CHARACTERISATION OF THETTIYAR RIVULET IN THIRUVANANTHAPURAM AND IDENTIFICATION OF POLLUTION SOURCES	2020
Aswathi PM	A STUDY ON THE PREVALENCE OF ANTIBIOTIC RESISTANT BACTERIA IN BIOSOLIDS	2021
Athul AR	A STUDY ON NUTRIENT LOADING AND STREAMFLOW OF KARAMANA RIVER USING SWAT MODEL	2021
Punnya S Dileep	DESIGN OF BIOMEDICAL WASTE TREATMENT PLANT FOR FOUR DISTRICTS IN SOUTH KERALA	2021

Papers published in International Journals

SL No	Title	Year
1	Sumi, S., Unnikrishnan, N. and Lea Mathew 2021 The Effect of Surface Modified Coir Geotextiles on Environmental Resources Journal of Natural Fibers Taylor and Francis 1544-0478 Published online: 18 Mar 2021	2021
2	Sumi, S., Unnikrishnan, N. and Lea Mathew 2018 Durability studies of surface-modified coir geotextiles Geotextiles and Geomembranes Elsevier 0266-1144 46(6) 699 – 706	2018
3	Sumi, S., Unnikrishnan, N. and Lea Mathew 2017 Surface modification of coir fibers for extended hydrophobicity and antimicrobial property for possible geotextile application Journal of Natural Fibers Taylor and Francis 1544-0478 14(3) 335-345	2017
4	Sumi, S., Unnikrishnan, N. and Lea Mathew 2016 Experimental investigations on biological resistance of surface modified coir geotextiles International Journal of Geosynthetics and Ground Engineering Springer 2199-9279 Published online - 19 October 2016) 2:31	2016
5	Sumi, S., Unnikrishnan, N. and Lea Mathew 2016 Effect of antimicrobial agents on modification of coir Procedia Technology Elsevier 2212-0173 24 280 – 286	2016
6	Sumi, S. and N. Unnikrishnan 2014 Natural fibres in engineering applications – An overview International Journal of Scientific & Engineering Research 2229-5518 5(7) 260-265	2014

Papers published in National Conferences

SL No	Title	Year
1	Sumi, S. and N. Unnikrishnan 2016 Biological degradation of natural fibres and common	2016

Faculty Profile	modification techniques with special emphasis to natural geotextiles – State of art National Conference on Geotechnical Engineering and Modelling – GEM 2016 LBS Institute of Technology for Women, TVM 17-18 June 2016	
2	Sumi S. and Lea Mathew 2010 Polyurethane Foam as Filter Media in Up-flow Anaerobic Hybrid Reactors Kerala Environment Congress, Thiruvananthapuram Co Bank Towers, Tvm Jun-10	2010
3	Sumi S. and Lea Mathew 2010 Performance of an Anaerobic Hybrid System with Polyurethane Filter Media Kerala Science Congress, Peechi, Thrissur Kerala Forest Research Institute Jan-10	2010
4	Sumi S. and Lea Mathew 2009 Influence of Media Packing Depth and HRT on Performance of Anaerobic Hybrid Reactors National Conference on Technological Trends CET Nov-09	2009

Papers published in International Conferences

SL No	Title	Year
1	Sumi S. and Lea Mathew 2010 Biological Treatment of Domestic Wastewater in an Upflow Anaerobic Hybrid Reactor using PUF Filter Media 1st International Conference on Materials, Mechanics and Management (IMMM 2010) CET Jan-10	2010
2	Sumi, S. and Unnikrishnan, N. 2014 Natural fibres in engineering applications - An overview 2nd International Conference on Materials, Mechanics and Management (IMMM 2014) CET 17-19 December 2014	2014
3	Sumi S., Unnikrishnan, N. and Lea Mathew 2015 Effect of antimicrobial agents on modification of coir International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST - 2015) GEC Thrissur 9-11 December 2015	2015
4	S.V. Kuruvilla, S. Sumi, K. Swarnalatha 2017 Development of clay-glass-sand blended Lightweight Aggregate using sewage sludge as filler 3rd International Conference on Materials, Mechanics and Management - IMMM 2017 CET July 13-15, 2017	2017
5	Shilpa Vijay, Lalnunmawia, Timothy Lallawmzuala, Lea Mathew, Sumi S, Akshay Ranjith 2019 STUDY ON THE EFFECT OF COIR RETTING ON WATER BODIES Coir Kerala 2019 Alleppey Dec 5 2019	2019
6	thira P S, Lea Mathew and Sumi S 2019 COCONUT HUSK AS A SUITABLE ADSORBENT FOR DYE REMOVAL Coir Kerala 2019 Alleppey Dec 5 2019	2019
7	Sumi, S. and N. Unnikrishnan 2019 PULLOUT BEHAVIOUR OF SURFACE-MODIFIED COIR GEOTEXTILES Coir Kerala 2019 Alleppey Dec 5	2019

63.Name	Sunitha S	
Date of Birth	31.05.1969	
Gender	Female	
Mobile No	9495242979	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Civil Engineering	
Date of Joining in the Institution	4.1.2006	
Qualification(UG)	BTech	

Faculty Profile
Qualification(PG)

Qualification(Ph. D)

Total Experience in
years(Teaching)Total Experience in
years(Industry)Total Experience in
years(Research)

Area of Specialisation

No.of Papers
Published(National)No.of Papers
Published(International)No.of Papers in
conferences(National)No.of Papers in
conferences(International)Professional
Memberships**64.Name** **Thushara V T**

Date of Birth 18/12/1984

Gender Female

Mobile No 8075944677

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Civil Engineering

Date of Joining in the
Institution 2/7/2021

Qualification(UG) B. Tech in Civil Engineering

Qualification(PG) M. Tech in Civil Engineering

Qualification(Ph. D)

Total Experience in 13

years(Teaching)

Faculty Profile

Total Experience in
years(Industry)

Total Experience in
years(Research)

Area of Specialisation Transportation Engineering

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

10

Professional
Memberships

ICI, ISTE, RILEM student membership, IEI

Papers published in International Conferences

SL No	Title	Year
1	“Characterization of aggregate packing using digital image analysis “, International Sympo-sium on Frontiers of Road and Airport Engineering, Delft, Thushara, V. T., Uma Chakkoth and Murali Krishnan, J July 2021	2021
2	• “Rejuvenation of reclaimed asphalt pavement (RAP) binder appealing to design of experi-ments”, In Advances in Materials and Pavement Performance Prediction, Texas Austin 2020, pp 364-367, M. Thirumalavenkatesh, V T Thushara and J Murali Krishnan, CRC Press	2020
3	• “Workability quantification of bituminous mixtures using an improved workability meter”, In Advances in Materials and Pavement Performance Prediction, Texas Austin, 2020, pp 359-363, S. Sudhakar, V.T. Thushara, J. Murali Krishnan and Shankar C Subramanian, CRC Press	2020
4	• “Quantification of Compactability of Bituminous Mixtures with Different Aggregate Grada-tions using Superpave Gyrotory Compactor and ShearBox Compactor”, RILEM Internation-al Symposium on Bituminous Materials, Lyon, Thushara, V. T. and Murali Krishnan, J. 2020	2020
5	• “Permanent Deformation Characterisation of Gap-Graded and Continuous Graded Aggregate Blends for Bituminous Mixtures”, 9th International Conference on Maintenance and Rehabilitation of Pavements, Zurich, Thushara, V. T. and Murali Krishnan, J., 2020, Page 493-505 , Springer, URL: https://doi.org/10.1007/978-3-030-48679-2_47 2.	2020
6	• “Influence of Reclaimed Asphalt Pavement (RAP) Aggregate Fraction on the Determination of Active Binder Content”, In Airfield and Highway Pavements 2021 (pp. 147–154). Thirumalavenkatesh, M., & Thushara, V. T., https://doi.org/10.1061/9780784483510.014 , American Society of Civil Engineering.	2021
7	• “Influence of the Viscoelastic Behaviour of Asphalt Mixtures on the stress – Strain Response of Asphalt Pavements”, Procedings of International Conference of Modelling and Simulation in Civil Engineering, ICMSC, India, Thushara V. T and Krishnan , J.M. (2011).	2011
8	• “An Integrated Approach to Modeling Rutting of Flexible Pavements”, 7 th RILEM International Symposium on Advanced testing and characterization of bituminous materials , Greece, 2009 pp:999-1008. Thushara V. T. and Murali Krishnan, J.	2009
9	• “Finite Element Analysis of Residual Strain Accumulation in Flexible Pavements”, Geotropica,	2008

Faculty Profile	International Conference on Geotechnical and Highway Engineering, Malaysia, Thushara V. T. and Murali Krishnan, J, 2008	
10	• "Experimental Verification of Evolution of Internal Structure of Asphalt and Modified Asphalt." A104, 4th International SIIV Congress, Palermo, Italy, Chowdary, V., Thushara, V. T., Asif, K.A. and Murali Krishnan J (2007).	2007

Awards Received

SL No	Title	Organisation
1	Sixth rank for BTech in Civil Engineering	Kerala University
2	All India Rank of 68 for GATE 2006	GATE

65.Name **VINEETHA BASIL**



Date of Birth	23/12/1983
Gender	Female
Mobile No	9447588080
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Civil Engineering
Date of Joining in the Institution	06/06/2015
Qualification(UG)	B. Tech in Civil Engineering
Qualification(PG)	M. Tech in Civil Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	9 years and 9 months
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	Hydraulics Engineering
No.of Papers Published(National)	

No.of Papers

No.of Papers in conferences(National)	5
---------------------------------------	---

No.of Papers in conferences(International)	4
--	---

Professional Memberships	
--------------------------	--

Projects Guided in Master's Level

Area of Specialisation	Ground Water Hydrology
------------------------	------------------------

University	University of Calicut
------------	-----------------------

Student Name	Project Title	Year
Aparna S.	Drought Vulnerability Assessment of Palakkad district	2013
Remya Lakshman	Spatial Analysis of Soil Erosion, Land Degradation and Environmental Stress at Attappady	2014
Nayana Kamal	Estimation of rainfall from remotely sensed information using ANN	2014
Nivy Elsa Mohan	Study on the impact of land use change on natural groundwater recharge of Kecheri river basin	2015
Navaneeth Ramachandran	Performance Evaluation of Peechi Irrigation Project Using FAO-CROPWAT Model and GIS Techniques	2015
Dhannu Dhanapalan	Analysis of air entrainment in stepped spillways using computational fluid dynamics	2016
Sony S.	Change detection analysis of wetland using remote sensing and GIS	2017
Sarath P.S.	Streamflow prediction using Bat algorithm-based Support Vector Machine	2017
Swaroop P.	Modelling of infiltration rate of soil using ANN and Regression Analysis	2017
Aparna Sivan	Estimation of suspended sediment load using Neural Network, Support Vector Machines and ANFIS	2018
Shiva Venugopal	GIS integrated soil erosion assessment in Pamba river basin	2019
Ramnas K.C.	Two-dimensional dam break analysis of Peechi dam, Thrissur using HECRAS	2019
Sachin Sas	Effect of land use land cover change on flood potential of watershed	2019
Anjana M.	Estimation of instantaneous peak flow by coupling Machine Learning techniques with SWAT	2020
Ashik N.	Numerical simulation of energy dissipator over stepped spillway with different stepped configuration using ANSYS FLUENT	2020
Karthika V.P.	Mapping of paddy field using Sentinel-1 SAR time series	2020
Anas A.	Analysis of shoreline of Chellanam coast & design of protection structure	2021
Varsha V.S.	Dam break analysis of Neyyar dam using HECRAS	2021

Papers published in National Conferences

SL No	Title	Year
1	Vineetha Basil and Jyothis Thomas," Wave Hindcasting off Cochin Coast Using Neural Network", 8th National Conference on Technological Trends , CE151 – CE155	2007

2	Dhannu Dhanapalan and "Analysis of Air Entrainment in Stepped Spillways using Computational	2016
---	---	------

Faculty Profile	Fluid Dynamics", 17th National Conference on Technological Trends, 722-726	
3	Sony S. and Vineetha Basil, "Change Detection Analysis of Wetland Using Different Satellite Derived Indices", 18th National Conference on Technological Trends, 390-394	2017
4	Sarath P.S. and Vineetha Basil, "Stream flow Prediction Using Cross-validation Based Support Vector Machine", 18th National Conference on Technological Trends, 2017	2017
5	Swaroop P. and Vineetha Basil. "Modeling of infiltration rate of soil using ANN and regression analysis", 18th National Conference on Technological Trends, 521-525	2017

Papers published in International Conferences

SL No	Title	Year
1	S. Aparna and Vineetha Basil, "Drought Vulnerability Assessment Using GIS Tools", Proceedings of International Conference on Materials for the Future - Innovative Materials, Processes, Products and Applications" 281 -286	2013
2	Aparna S. and Vineetha Basil, Drought Vulnerability Assessment Using Meteorological Drought Indices with the Help of GIS Tools: A Case Study of Palakkad District", National Conference on Emerging Trends In Computing, 136 -140	2013

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Induction Training Programme on Teaching Excellence and Methodologies for teachers of Engineering Colleges	6 Days [2 to 7 July]
2	Communication Skill Development	5 Days [10 to 14, July]
3	Water Hammer / Surge Analysis of Piping System	2 Days [17th & 18th July]
4	Use of Fly ash in Civil Engineering Works	3 Days[17th to 19th July]
5	Advances in Design and Construction of Foundations in Difficult Terrains	6 Days [11th to 16th July]
6	Recent Advances in Land Surveying and Testing of Civil Engineering Materials	3 Days [18th to 20th July]
7	New Paradigms in Technical Teacher Training : Motivate, Challenge and Innovate	1 Day[5th October]
8	Environmental Systems Analysis and Management	3 Days [30/10/2019 to 01/11/2019]

Faculty Profile

9	Work Culture and Team Spirit for Enhancement of Organizational Efficiency	3 Days [19th to 21st]
10	Advances in Hydrosystems Modeling and Climate Impact assessment	5 Days [25th to 29th]
11	Waste Management - Issues and Priorities	3 Days[3rd to 5th]
12	New Frontiers in Geotechnical Engineering	3 Days[23rd to 25th]
13	Business Dynamics	5 Days[21st to 25th]
14	Effective Teaching and Learning Methods	5 Days[8th to 12th]
15	Nurturing Quality Teaching in Engineering Education	6 Days[18th to 23rd]
16	Sponsored Research : Opportunities and Empowerment	5 Days[23rd to 27th]
17	Nanomaterials in Concrete	6 Days[17th to 22nd]
18	A Primer to Spatial Data Processing	6 Days[13th to 18th]

Faculty Profile



Date of Birth	31/05/1974
Gender	Male
Mobile No	09496254061
Faculty Type	PERMANENT
Designation	Professor
Department	Electrical Engineering
Date of Joining in the Institution	20/09/2000
Qualification(UG)	Electrical and Electronics Engineering
Qualification(PG)	Control Systems
Qualification(Ph. D)	Electrical Engineering
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	1.6
Total Experience in years(Research)	3
Area of Specialisation	Control Systems
No.of Papers Published(National)	0
No.of Papers Published(International)	2
No.of Papers in conferences(National)	19
No.of Papers in conferences(International)	15
Professional Memberships	ISTE, ISSE

Papers published in International Journals

SL No	Title	Year
1	"Dynamic Control Allocation for Tracking Time Varying Control Demand", Journal of Guidance Control and Dynamics (SCI)	2008
2	""Control allocation for an over-actuated Satellite Launch Vehicle"" Aerospace Science and Technology Volume 28, Issue 1, July 2013, Pages 56-71 (SCI) "	2013

Papers published in National Conferences

Papers published in National Conferences


Faculty Profile

SL No	Title	Year
1	"Controller Design for Nonlinear Systems Using Back-Stepping", NCTT, College of Engineering Trivandrum.	2003
2	"Parameter Identification for Vector Controlled Induction Motor Drive", National Conference on Technological Trends, College of Engineering Trivandrum.	2004
3	"Dynamic Control Allocation for a Satellite Launch Vehicle", Conference on Advances in Space Science and Technology, Kharagpur, India.	2008
4	"Sliding Mode Based Composite Nonlinear Feedback Control for Robust Position Control Systems", National Conference on Technological Trends, College of Engineering Trivandrum	2011
5	"Design Of Flight Control System For The Reduction Of Structural Mode Interaction", National Conference on Technological Trends, College of Engineering Trivandrum	2011
6	"Fault Detection and Reconfiguration in an Over-Actuated system", National Conference on Technological Trends, College of Engineering Trivandrum.	2012
7	Non-Convex Optimization Method for Low Order Controller Design", National Conference on Technological Trends, College of Engineering Trivandrum.	2013
8	"Pitch Autopilot Design for an Expendable Launch Vehicle using LQG Control Approach", National Conference on Technological Trends, College of Engineering Trivandrum.	2013
9	Dynamic Output Feedback Controller for the Attitude Control of Satellite Launch Vehicle", National Conference on Technological Trends, College of Engineering Trivandrum.	2013
10	Parafoil Trajectory Optimization", National Conference on Technological Trends, College of Engineering Trivandrum.	2014
11	"Trajectory Optimization of Parafoil in Presence of Wind", National Conference on Technological Trends, College of Engineering Trivandrum."	2014
12	"Controllers For Aircraft Lateral Dynamics: A Comparative Study", National Conference on Technological Trends, College of Engineering Trivandrum."	2014
13	Modeling and Control of Twin Rotor Multi Input Multi Output System", National Conference on Technological Trends, College of Engineering Trivandrum.	2014
14	"Classical Adaptive Augmenting Control For a Typical Second Generation Launch Vehicle", National Conference on Technological Trends, College of Engineering Trivandrum."	2015
15	"Heteroclinic Connection in Galilean Moon Orbiter Mission Using Space Manifold Dynamics", National Conference on Technological Trends, College of Engineering Trivandrum."	2015
16	Fault Identification and Reconfiguration in an Over-actuated System", National Conference on Technological Trends, College of Engineering Trivandrum.	2015
17	"Trajectory Optimization for maximizing specific energy of a Dynamic Soaring UAV", National Conference on Technological Trends, College of Engineering Trivandrum."	2015
18	"Speed Control of Switched Reluctance Motor Using PI Controller.", GEI Annual National Conference on Technological Trends, 29th to 30th September 2015 at Government Engineering College Painavu, Idukki, India "	2015
19	"Single Input Buck, Boost Converter for Industrial Applications.", GEI Annual National Conference on Technological Trends, 29th to 30th September 2015 at Government Engineering College Painavu, Idukki, India "	2015

Papers published in International Conferences

SL No	Title	Year
-------	-------	------

Faculty Profile		
1	"Disturbance Rejection and Control Allocation of Over-Actuated Systems", IEEE International Conference on Industrial Technology, Mumbai, pp. 1054–1059.	2006
2	"Disturbance Observer Based Performance Improvement of H_{∞} Controller", IEEE International Conference on Industrial and Information Systems, Kharagpur, India.	2008
3	"Disturbance Observer Based Robust Composite Nonlinear Feedback Control.", 1st International Conference on Technological Trends	2010
4	"Sliding Mode Control for the Longitudinal Dynamics of an Aircraft.", 1st International Conference on Technological Trends	2010
5	""Non-Linear Flight Control of Atmospheric Re-entry Vehicle"", 1st International Conference on Technological Trends "	2010
6	"LQG Control of an Expendable Launch Vehicle in the Atmospheric Ascent Phase", IEEE International Conference on Control, Communication and Computing, at College of Engineering Trivandrum, India,	2013
7	"Parafoil Trajectory Comparison for Optimal Control and Proportional Controller", IEEE International Conference on Control, Communication and Computing, at College of Engineering Trivandrum, India,	2013
8	"Trajectory optimization of an autonomous dynamic soaring UAV", International Conference on Control Communication & Computing India (ICCC) at College of Engineering Trivandrum, India,	2015
9	"Mu-synthesis in state space; applied to a typical Satellite Launch Vehicle", International Conference on Control Communication & Computing India (ICCC) at College of Engineering Trivandrum, India,	2015
10	"Design Of Predictive Control Strategies For The Optimisation Of Drinking Water Network In Thiruvananthapuram City.", International Conference on Control Communication & Computing India (ICCC) at College of Engineering Trivandrum, India,	2015
11	"Classical Adaptive Augmentation Control for a Typical Second Generation Launch Vehicle." IFAC	2016
12	" ""Dual mode control strategy for BLDC motor drive with Bridgeless Canonical Switching Cell converter"", IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES) "	2016
13	""One Cycle Control of Brush-less DC Motor" in the IEEE 11th International Conference on Intelligent Systems and Control held during 5 th and 6 th January 2017."	2017
14	"USDO BASED CONTROL OF CURRENT SENSORLESS BOOST COMBINED INVERTER WITH LOAD VARIATIONS" IJREEICE.	2019
15	"Interactive Multiple Model Approach to Actuator Fault Detection, Estimation and Reconfiguration of a Satellite Launch Vehicle", RVS Technical Campus, Coimbatore, 2-4 December 2021.	2021

67.Name	BINDU G R	
Date of Birth	03/02/1967	
Gender	Female	

Faculty Profile	
Mobile No	9446313313
Faculty Type	PERMANENT
Designation	Professor
Department	Electrical Engineering
Date of Joining in the Institution	09/06/1999
Qualification(UG)	B Tech Electrical Engineering
Qualification(PG)	Control Systems
Qualification(Ph. D)	Ph.D in Electrical Engineering
Total Experience in years(Teaching)	28
Total Experience in years(Industry)	2
Total Experience in years(Research)	20
Area of Specialisation	Control Systems
No.of Papers Published(National)	6
No.of Papers Published(International)	31
No.of Papers in conferences(National)	23
No.of Papers in conferences(International)	61
Professional Memberships	Senior Member IEEE, Life Member ISTE, Member of Systems Society of India

Ph.D's Guided

Area of Specialisation	Electrical Engineering	
University	University of Kerala	
Student Name	Thesis Title	Year
Hema Ramachandran	Investigations into Witricity Systems	2016
Vijayalekshmy S	Investigations on Partially Shaded Solar Arrays in a Microgrid	2018
Sabeena Beevi K	Automatic Segmentation and Classification of Mitosis in Breast Images by Signal Processing and Machine learning Techniques	2019
Elizabeth Cherian	Power Quality improvement of Low Voltage Distribution System using Hybrid AC/DC Topology and Harmonic Power Recovery Scheme	2019
A Asok Kumar	Performance Analysis of Machine Drives Suitable for Domestic Appliances	2019
M S Jayasree	Investigations on the Challenges in Integration of Distributed Generators in Power System	2020

Papers published in National Journals

Papers published in National Journals

Faculty Profile

SL No	Title	Year
1	Elizabeth Cherian, Bindu G R & P S Chandramohan Nair, "A Hybrid ac/dc Low Voltage Distribution Network for Improved Harmonics Management and Energy Conservation", Journal of The Institution of Engineers (India): Series B ,Vol 98,Issue 4, pp 1-8, June 2018 , https://link.springer.com/article/10.1007/s40031-018-0347-3 . (UNION MINISTRY OF ENERGY: DEPARTMENT OF POWER PRIZE) (Scopus Indexed)	2018
2	Vijayalekshmy S, Bindu G R, S Rama Iyer, "Performance Improvement of Partially Shaded Photovoltaic Arrays under Moving Shadow Conditions through Shade Dispersion Springer Publication", ISSN 2250-2106,DOI 10.1007/s40031-015-0199-z, Journal of Institution of Engineers India, Series B. (Corps. of Electrical and Mechanical Engineers prize instituted by Institution of Engineers, India and awarded at 32nd Indian Engineering Congress, Chennai, December 2017) Scopus Indexed)	2017
3	A. S. Hameed and G. R. Bindu "Gain Scheduled Finite Horizon LQR for Approach and Landing Phase of a Reusable Launch Vehicle", has been accepted for publication in Journal of The Institution of Engineers (India): Series C. (Sopus Indexed)	2022
4	Sabeena Beevi and Bindu G R, "Analysis of Nuclei Detection with Stain Normalization in Histopathology Images", Indian Journal of Science and Technology, Vol. 8(23), September 2015	2015
5	Vijayalekshmy S, Bindu G R, S Ramalyer, "Analysis of Various Photovoltaic Array Configurations under Shade Dispersion by Su Do Ku Arrangement during Passing Cloud Conditions", Indian Journal of Science and Technology, Vol 8(35), DOI: 10.17485/ijst/2015/v8i35/IPL1086, December 2015	2015
6	"Experimental Determination of Operating and Maximum Power Transfer Efficiencies at Resonant Frequency in a Wireless Power Transfer System using PP Network Topology with Top coupling", Journal of The Institution of Engineers (India): Series B ,Vol 98,Issue 4, pp 393-403, August 2017. (Scopus Indexed)	2017
7	Hema Ramachandran and Bindu G R, "Wi-Tricity-The Wireless Future", CSI Communications, Volume 36, Issue No:7, October 2012, pp22-23.	2012
8	Vijayalekshmy S, Bindu G R, S Rama Iyer, "Analysis of Various Photovoltaic Array Configurations under Shade Dispersion by Su Do Ku Arrangement during Passing Cloud Conditions" Indian Journal of Science and Technology, Vol 8(35), December 2015	2015

Papers published in International Journals

SL No	Title	Year
1	K P P Pillai, Achuthsankar S Nair and Bindu G R, "Unbalanced Magnetic Pull in Train-Lighting Brushless Alternators with Static Eccentricity", IEEE Transactions on Vehicular Technology, Volume 57, Issue 1, Jan. 2008 pp 120 – 126. (SCI Indexed Impact factor 5.978)	2008
2	R P Praveen, M H Ravichandran, V T Sadasivan Achari, V P Jagathy Raj, G Madhu, Bindu G R, "A Novel Slotless Halbach Array Permanent Magnet Brushless DC Motor for Spacecraft Applications", IEEE Transactions on Industrial Electronics. Volume 59, Issue 9, 2012, pp 3553-60. (SCI Indexed Impact factor 8.236)	2012
3	Sabeena Beevi K., Madhu S. Nair, Bindu G. R., "A Multi-Classfier System forAutomatic Mitosis Detection in Breast Histopathology Images using Deep Belief Networks "; IEEE Journal of Translational Engineering in Health and Medicine, Vol.5, No.1, pp.1-11, April 2017.(SCI indexed, Impact Factor 1.754)	2017
4	Sabeena Beevi K, Madhu S. Nair, Bindu G.R, Automatic Segmentation of Cell Nuclei using Krill Herd Optimized Multi thresholding and an Active Contour Model, Bio cybernetics & Biomedical Engineering, Elsevier, Vol.36, No.4, pp.584-596, 2016 (SCI indexed, Impact Factor 1.374)	2016
5	Vijayalekshmy S, Bindu GR, S Rama Iyer, "A Novel Zig-Zag Scheme for Power Enhancement of	2016

Faculty Profile	Partially Shaded Arrays through Shade Dispersion", Elsevier Journal of Solar Energy, October 2016, pp 92-102 (SCI Indexed, impact factor:5.742)	
6	Sabeena Beevi K, Madhu S. Nair, Bindu G.R," Automatic Mitosis Detection in Breast Histopathology Images using Convolutional Neural Network based Deep Transfer Learning". Biocybernetics & Biomedical Engineering, Elsevier, 39 (1), 214-223) (SCI indexed, Impact Factor 5.44)	2019
7	Hema Ramachandran & Bindu G R, "Wireless power transmission model using coaxial helical solenoid coils for powering utility equipment", Electric Power Components and Systems, Taylor and Francis, vol.43, issue 18, pp.2029-2038, Philadelphia, UK, September 2015. (SCI indexed, Impact Factor:1.22)	2015
8	A. S. Hameed and G. R. Bindu, " Single segment approach and landing guidance and control for an unpowered reusable launch vehicle," Aerospace Science and Technology, Volume 115, August 2021, 106777, ISSN 1270-9638. https://doi.org/10.1016/j.ast.2021.106777 (SCI Indexed Impact factor 5.107)	2021
9	Jose P Therattil, Praveen Raveendran Nair, Ahmed G Abo-khalil, Ali S Alghamdi, Bindu G R, Khairy Sayed, "Hybrid control of a multi-area multi-machine power system with FACTS devices using non-linear modelling", Journal of IET Generation, Transmission & Distribution, 2020,Volume 14, Issue 10, pp 1993-2003(SCI Indexed Impact factor 3.80)	2020
10	Ahmed G Abo-Khalil, Ali S Alghamdi, Ali M Eltamaly, MS Al-Saud, Praveen RP, Khairy Sayed, GR Bindu, Iskander Tlil, "Design of state feedback current controller for fast synchronization of DFIG in wind power generation systems", Energies 2019, 12, 2427 (SCI Indexed Impact factor 3.343)	2019
11	Elizabeth Cherian, Bindu G R & P S Chandramohan Nair, "Pollution impact of residential loads on distribution system and prospects of DC distribution", Engineering Science and Technology, an International Journal (Elsevier), Vol 19, Issue 4, December 2016, pp 1655-1660(SCI Indexed Impact factor 4.36)	2016
12	Asok Kumar A and Bindu G R, "Energy Saving and Economic Analysis of Switched Reluctance Motor in Agricultural Applications" Technol Econ Smart Grids Sustain Energy (Springer) 5, 2 (2020). https://doi.org/10.1007/s40866-019-0075-z	2020
13	R P Praveen, M H Ravichandran, V T Sadasivan Achari, V P Jagathy Raj, G Madhu, Bindu G R, "Design and Analysis of a Hybrid Stepper motor for Actuating the gimbal of Control Moment Gyroscope", International Review of Electrical Engineering (IREE) Vol.5: No.4,Part A, August 2010,pp 1488-1495	2010
14	K P P Pillai, Achuthsankar S Nair and Bindu G R, "Techniques for Analysis and Shape Optimization of Inductor Type Brushless Alternators used for Train-Lighting", International Journal of AMSE, Modelling, Measurement and Control, Part A, General Physics and Electrical Applications, Volume 84, Issue 1, 2011, pp 41-60.	2011
15	R P Praveen, M H Ravichandran, V T Sadasivan Achari, V P Jagathy Raj, G Madhu, Bindu G R, "Optimal Design of a Surface Mounted Permanent-Magnet BLDC Motor for Spacecraft Applications", International Review of Electrical Engineering (IREE), Volume 6, No.5, Part A, October. 2011, pp. 2318-2328.	2011
16	R P Praveen, M H Ravichandran, V T Sadasivan Achari, V P Jagathy Raj, G Madhu, Bindu G R, "Design and Analysis of Zero Cogging Brushless DC Motor for Spacecraft Applications", "ECTI Transactions on Electrical Engineering, Electronics and Communications", Thailand. Volume 9, No.1, February 2011 pp.113-120.	2011
17	Hema Ramachandran and Bindu G R, "Prototype of a Desk-top Wi-Tricity System for Powering House-hold Utility Equipments", International Journal on Advanced Science, Engineering and Information Technology, Vol 2 (2012) No. 1, pp: 49-52	2012
18	Hema Ramachandran and Bindu G R, "Enabling Multiple Loads through Wireless Power Transfer", International Journal of Computer Networks and Wireless Communications (IJCNCWC) Volume.2 No: 1 February 2012, pp 66-68.	2012
19	Hema Ramachandran & Bindu G.R, "General public exposure radiation measurements in the vicinity	2013

Faculty Profile	of a wireless power transfer prototype system,” International Journal on Communications, Antenna and Propagation,(IRECAP), vol. 3 no. 3, pages 168-75, June 2013.	
20	Hema Ramachandran & Bindu G.R, “Wireless power transfer using Evanescent Signals for mobile charging”, International Journal of Scientific and Engineering Research, vol.4, issue 8, Aug.2013.	2013
21	Hema Ramachandran & Bindu G.R, “Modelling of System Parameters in Wireless Power transfer Systems, International Journal of Information Systems and Engineering vol2, no1, April 2013	2013
22	Hema Ramachandran & Bindu G.R, “Variation in Magnetic Coupling implemented through Wireless Power Transfer”, International Journal of Applied Engineering Research, Vol 9.No 2, January 2014, pp.231-237.	2014
23	M S Jayasree, S Rama Iyer & Bindu G R, “Optimum Location of Distributed Generation and its Impact on Power System Stability”, International Journal of Applied Engineering Research, Volume 9, Number 16, January 2014, pp 3273-85.	2014
24	Hema Ramachandran & Bindu G.R ,”Modelling of Traversal of Air Gaps using Resonant Inductive Coupling”, International Review of Modelling and Simulations Journal (IREMOS)", vol.7, no.6, pp.964-969, Italy, December 2014	2014
25	Hema Ramachandran & Bindu G R "Pre-Determination and Experimental Verification of Voltage Regulation from the Output Equivalent Circuit in a Forced Resonant Inductive Coupled Wireless Power Transfer System", AMSE Journal on General Physics and Electrical Applications (AMSE), pp.10-29, Spain, March 2015."	2015
26	M.S.Jayasree, V.S.Parvathy, S.Ramalyer and G.R.Bindu “Optimum Value for Resistive Fault Current Limiter for Protection of a Power System with Distributed Generation” ECTI Transactions on Computer and Information Technology,Volume.9.No.1.May 2015	2015
27	A Asok Kumar & Bindu G R, “Analysis of Single Phase Induction Motor and Switched Reluctance Motor with a view of Energy Conservation”, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 1 (2015) pp. 2049-65	2015
28	A Asok Kumar & Bindu G R, “Analysis of Single Phase Induction and Switched Reluctance Motors For Domestic Appliances”, International Journal of Scientific and Engineering Research, Vol 7, Issue 6 June 2016, pp 1150-1156	2016
29	A Asok Kumar & Bindu G R, “A Comparative Investigation of the Speed Regulation Capabilities of Electric Drives for Domestic and Agricultural Applications”, Journal of Control & Instrumentation, Vol 9, Issue 1, 2018, pp1-10.	2018

Papers published in National Conferences

SL No	Title	Year
1	Bindu G R, “An Intelligent Approach to the Design of Feed forward Controllers”, Proceedings of the National Conference on Intelligent and Efficient Electrical Systems, P S G College of Technology, Peelamedu, Coimbatore, in January 2001.	2001
2	Boby Philip & Bindu G R, “Discrete Event Supervisory Control of Optimal Tracking System” Proceedings of Seminar on Technological Developments for the Millennium CET, Trivandrum, from 16 - 17 March 2001, pp.374-382	2001
3	Veena Basil, Sheelu Jose & Bindu G R, “Design of Controllers for a Rotary Inverted Pendulum”, Proceedings of National Seminar on Interactive Integrated Technological Advancements, CET, Trivandrum 5-6, July 2002, pp.115-124.	2002
4	K P P Pillai, Achuthsankar S Nair and Bindu G R, “Analysis of No Load Induced Voltage as a Function of Static Eccentricity for Condition Monitoring in Train Lighting Brushless Alternators”, Proceedings of 28th National Systems Conference (NSC 2004), Vellore, December 2004,pp 76-80.	2004
5	Rajesh , Lalithambika & Bindu G R, “Design of Time Varying H [∞] Controller for a Launch Vehicle	2004

Faculty Profile		Using LMI Approach", Proceedings of NCTT-2004, CET, Trivandrum, pp. 08-11.
6	Pakki Bharani Chandra & Bindu G R, "Design, Analysis and comparison of LQR, LQG and H ∞ Control", Proceedings of NCTT-2004, CET, Trivandrum, pp. 12-18.	2004
7	Pakki Bharani Chandra, Gopaljee & Bindu G R, "Mixed sensitivity H ∞ Control of wing rock motion and model order reduction using Hankel norm order reduction", Proceedings of NCTT-2005, CET, Trivandrum, Nov-2005, vol.2, pp.29-34.	2005
8	Jyothi Janardanan, Jayakumar M & Bindu G R, "Robust Longitudinal Controller Design for an Unmanned Tailless Aircraft", Proceedings of NCTT-2005, CET, Trivandrum, Nov-2005, vol.2, pp.24-28.	2005
9	Suma Narayan, Asha P Nair & Bindu G R, "Non linear and Robust Controller Design for the Descent Phase of Reusable Launch Vehicle", NCTT-2005, CET, Trivandrum, Nov-2006.	2006
10	R P Praveen, M H Ravichandran, V T Sadasivan Achari & Bindu G R, "Design and Analysis of Hybrid Stepper Motor using Finite Element Analysis" at the 31st National Systems Conference, Manipal Institute of Technology, Manipal, Karnataka, December 14-15, 2007.	2007
11	R P Praveen, M H Ravichandran, V T Sadasivan Achari & Bindu G R, "Design and Analysis of Hybrid Stepper Motor for Spacecraft Applications" at the 8th National Conference on Technological Trends, November 2007, CET, Trivandrum, pp. EE 71-75.	2007
12	R P Praveen, M H Ravichandran, V T Sadasivan Achari, Bindu G R, "Improved Design and Performance Optimization of Hybrid Stepper Motor for Spacecraft Applications" (contest paper for Young Scientist Award) Proceedings of the 20th Kerala Science Congress, 28-31, January 2008, pp.407-410.	2008
13	Pakki Bharani ChaLekshmi Suresh, Rani Radhakrishnan & Bindu G R, "Decoupling controller for RLV" in the Proceedings of NCTT 2010, CET, Trivandrum.	2010
14	Naveena P S, Asha P Nair & Bindu G R, "Control Allocation of Reaction Control Jets and Aerodynamic Control surfaces with and without actuator Dynamics" Proceedings of NCTT 2010, CET, Trivandrum	2010
15	Divya Vijay, Asha P Nair & Bindu G R, "Attitude Control for Low Lift/Drag Re-Entry Vehicle", Proceedings of NCTT 2011, CET, Trivandrum.	2011
16	Sunil Kumar K, Jayakumar M & Bindu G R "Estimation of Longitudinal Aerodynamic Parameters of a Technology Demonstrator Aircraft using Maximum Likelihood Algorithm", Proceedings of NCTT 2012, CET, Trivandrum.	2012
17	Mathew Abraham, Rani Radhakrishnan & Bindu G R, "Fast Active Fault Tolerant Control for Actuator Fault in Launch Vehicle based on Adaptive Fault Diagnosis Observer", Proceedings of NCTT 2012, CET, Trivandrum.	2012
18	Hema Ramachandran & Bindu G.R, "Radiation Studies of Electromagnetic fields of a Witricity Powered Mobile charger System Environment", Proceedings of the Kerala Science Congress, Technopark, Trivandrum Jan 2013.	2013
19	Ashni George, Preetha G & Bindu G R, "Nonlinear Theta-D Control Approach for the Lateral Dynamics of Re-entry Vehicle", Proceedings of NCTT 2013, CET, Trivandrum.	2013
20	Vishnu M, Lalithambika & Bindu G R, "Terminal Guidance Optimization for a Launch Vehicle with Explicit Guidance Scheme", Proceedings of NCTT 2013, CET, Trivandrum.	2013
21	Bynu Benjamin Chirayath, Bindu G. R and Rajesh Arora, "Optimal Station Keeping and Reconfiguration of Spacecrafts Flying in Formation", Proceedings of the National Conference on Technological Trends, NCTT August 2014, Trivandrum.	2014
22	Abhijith Mohan, Bindu G R & Ajith Gopi, "Performance Improvement of Solar PV Plant using Advanced Control Techniques", Proceedings of the National Conference on Technological Trends, NCTT August 2014, Trivandrum.	2014
23	Harish P, Bindu G R & Jayakumar M, "Fault Detection in Electrohydraulic Actuator System Using	2014

Faculty Profile	EKF", Proceedings of the National Conference on Technological Trends, NCTT August 2014, Trivandrum.	
24	Abhijith Mohan, Bindu G R & Ajith Gopi, "Performance Improvement of Solar PV Plant using Ripple Correlation Technique Combined with Adaptive Control", Proceedings of ICETREE -2014 , pp 343-50, August 2014 , (published by Elsevier, India), Kollam.	2014
25	Dr G R Bindu & Hema Ramachandran," Issues and Concerns in E-learning for Engineering Education in India", Proceedings of ICETREE -2014 , pp 284-88, August 2014, (published by Elsevier, India), Kollam.	2014
26	Prajeesh P Prabhakaran, Bindu G R, "Vibration Reduction in Switched Reluctance Motor Drive by Fuzzy –PID Control Based on Finite Element Model", Proceedings of ICETREE -2014 , pp 251-56, August 2014, (published by Elsevier, India), Kollam.	2014
27	Parvathi M L, G Sreedevi, A Asok Kumar & Bindu G R, " Three Stage Commutation Technique for Vibration Mitigation in Switched Reluctance Machine", 17th National Conference on Technological Trends, June 2017.	2017
28	G. R. Bindu and J. Basheer, "Determination of unbalanced magnetic pull due to rotor static eccentricity and conical motion in three phase induction motors," National Conference on Emerging Trends in Power, Energy and Control, vol. 1, pp. 124–129, August 2016.	2016
29	G. R. Bindu and J. Basheer, "A novel strategy for the control of unbalanced magnetic pull due to rotor eccentricity in three phase induction motors,"National conference on Technological trends, August 2016.	2016
30	R P Praveen, M H Ravichandran, V T Sadasivan Achari , "Design and Analysis of Hybrid Stepper motor using Finite Element Analysis", Proceedings of 31st National Systems Conference, December. 2007, Page(s): 87 -88.	2007
31	Pakki Bharani Chandra, Gopaljee & Bindu G R, "LQR control of wing rock motion and robustness analysis using Kharitonovs theorem", Proceedings of second National conference, CISCON-2005, MIT, Manipal, Karnataka, Nov-2005, pp. 144-149.	2005

Papers published in International Conferences

SL No	Title	Year
1	K P P Pillai, Achuthsankar S Nair and Bindu G R, "Design of a Train Lighting Brushless Alternator to Minimise Harmonic Distortion and Derating", Proceedings of 5th IEE International Conference on Computation in Electromagnetics (CEM 2004) Straford-upon-Avon, United Kingdom, April 2004, pp 105-107.	2004
2	K P P Pillai, Achuthsankar S Nair and Bindu G R, "A Novel Technique to Eliminate Derating Problems in Train Lighting Brushless Alternators" Proceedings of 12th IEEE International Conference on Advanced Computing and Communication (ADCOM 2004) Ahmedabad, December 2004, pp.105-108.	2004
3	K P P Pillai, Achuthsankar S Nair and Bindu G R, "An Investigation of Unbalanced Magnetic Pull as a Function of Static Eccentricity in Inductor Type Brushless Alternators", Proceedings of IEE International Conference on Energy, Information Technology & Power Sector, (PEITSICON 2005), at Kolkata, January 2005.	2005
4	K P P Pillai, Achuthsankar S Nair and Bindu G R, "Novel Numerical Techniques for Determination of UMP and Condition Monitoring of Train Lighting Brushless Alternators with Static Eccentricity", Proceedings of the 15th International Conference on Computation of Electromagnetic Fields (COMPUMAG 2005) at Shenyang, China, during 26-30 June 2005, Vol 1, pp 78-79.	2005
5	K P P Pillai, Achuthsankar S Nair and Bindu G R, "Analysis of Train Lighting Brushless Alternator with Skewed Rotor for Harmonic Minimization", Proceedings of the 7th International Power Engineering Conference 2005 (IPEC 2005), to be held at Singapore during Nov 29-Dec 2, 2005.	2005
6	K P P Pillai, Achuthsankar S Nair and Bindu G R, "Analysis of Unbalanced Magnetic Pull in Train-	2006

Faculty Profile	Lighting Brushless Alternators with Skewed Rotor under Static Eccentricity and Conical Rotor Motion", Proceedings of the 17th International Conference on Electrical Machines (ICEM 2006), Crete island, Greece, September 2006, pp 46-7.	
7	Jyothi Janardanan, Jayakumar M & Bindu G R, "Robust Longitudinal Controller Design for an Unmanned Tailless Aircraft", 6th Proceedings of 6th AIAA Aviation Technology Integration and Operations Conference, September 25-27, 2006, Kansas, USA.	2006
8	Pakki Bharani Chandra, Gopaljee & Bindu G R, "Control of nonlinear wing rock motion using augmented feedback linearization and LQR control," Proceedings of International conference on Advanced Technologies on Telecommunication and Control engineering, ATTCE 2006, Malaysia, Aug-2006,pp.41	2006
9	K P P Pillai, Achuthsankar S Nair and Bindu G R , "A Strategic Road-Map To Developments In Engineering Education in India", at ICEER 2007,the International Conference on Engineering Education and Research organized by Victoria University & International Network for Engineering Education and Research (iNEER), at Melbourne, Australia December 2-7, 2007.	2007
10	K P P Pillai, Achuthsankar S Nair and Bindu G R , "Issues and Concerns in the Electromagnetic Design of Special Electrical Machines by Finite Element Method" in the Proceedings of the World Automation Congress2008, Sept 28-Oct 2, 2008, Hawaii, USA.	2008
11	R P Praveen, M H Ravichandran, V T Sadasivan Achari, V P Jagathy Raj, G Madhu, Bindu G R "Design and Finite Element Analysis of Hybrid Stepper motor for Spacecraft Applications", Proceedings of IEEE International Electric Machines and Drives Conference (IEMDC), Miami, U.S.A, May. 2009, Page(s): 1051 -1057. (Number of Citations : 2)	2009
12	Divya Vijay & Bindu G R, "A Wavelet-Based Multiresolution PID Controller", Proceedings of the International Conference on System Dynamics and Control , Manipal Institute of Technology Manipal, Karnataka,19-22 August 2010.	2010
13	R P Praveen, M H Ravichandran, V T Sadasivan Achari, V P Jagathy Raj, G Madhu, Bindu G R , "Design and Analysis of Enclosed Rotor Halbach Array Brushless DC motor for Spacecraft Applications", Proceedings of IEEE International Conference on Electrical Machines 2010 (ICEM2010) held at Rome, Italy on September 6-8, 2010, pp 1-6 (Number of Citations : 3).	2010
14	R P Praveen, M H Ravichandran, V T Sadasivan Achari, V P Jagathy Raj, G Madhu, Bindu G R , "Design and Analysis of Zero Cogging Brushless DC motor for Spacecraft Applications", Proceedings of IEEE International ECTI-CON 2010 Conference ,Chiang Mai, Thailand, May. 2010, Page(s):254 -258. (Number of Citations : 3)	2010
15	R P Praveen, M H Ravichandran, V T Sadasivan Achari, V P Jagathy Raj, G Madhu, Bindu G R , "A Novel Slotless PMSBLDC Motor for precise positioning Applications", Proceedings of IEEE International Conference on Communication, Control and Computing Technologies (ICCCCT), Kanyakumari, India, October 7-9. 2010, pp.250-254.	2010
16	R P Praveen, M H Ravichandran, V T Sadasivan Achari, V P Jagathy Raj, G Madhu, Bindu G R , "Optimal Design of a Surface Mounted Permanent Magnet BLDC Motor for Spacecraft Applications", Proceedings of IEEE International INDICON 2010 Conference, Kolkata, India during December 2010.	2010
17	R P Praveen, M H Ravichandran, V T Sadasivan Achari, V P Jagathy Raj, G Madhu, Bindu G R , "Optimal Design of a Surface Mounted Permanent-Magnet BLDC Motor for Spacecraft Applications", Proceedings of IEEE International Conference on Emerging Trends in Electrical and Computer technology (ICETECT), Kanyakumari, India, March. 2011, pp.413-419.	2011
18	Ashni George & Bindu G R, "Effective harnessing of wind energy using pitch controller", Proceedings of the IEEE International Conference on Green Technology, Trivandrum, during Dec 18-20, 2012.	2012
19	Sunil Kumar K, Jayakumar M & Bindu G R, "Estimation of Longitudinal Aerodynamic Parameters of	2012

Faculty Profile	a Technology Demonstrator Aircraft using Modified Maximum Likelihood Algorithm”, Proceedings of the IEEE International Conference on Computational Intelligence and Computing Research (2012 IEEE ICCIC) December 18 to December 20, 2012, at Coimbatore.	
20	Hema Ramachandran & Bindu G.R, “Wireless Charging of Lighting Gadgets using Low Q Resonant Coupling” Proceedings of the International Conference on Advances in Computing, Communications and Informatics, Chennai, August 4, 2012.	2012
21	Hema Ramachandran & Bindu G.R, “The Prominence of Lead-Wire Capacitance in WiTric Power Transfer Systems”, Proceedings of the 2nd International Conference on Emerging Technology Trends in Advanced Engineering Research, February 21, 2012.	2012
22	Hema Ramachandran & Bindu G.R, “Prototype of a desktop WiTricity System for Powering household Utility Equipments” Proceedings of the 2nd International Conference on Advanced Science, Engineering and Information Technology held at Kuala Lumpur, Malaysia, December 13, 2011.	2011
23	Hema Ramachandran & Bindu G.R, “Wireless powering of Utility Equipments in a Smart Home Using Magnetic Resonance”, Proceedings of the IEEE International Conference on Recent Advances in Intelligent Computational Systems (RAICS), 19-21,Dec 2013.	2013
24	Hema Ramachandran & Bindu G.R, “Modelling of System parameters in Wireless Power Transfer Systems”. Proceedings of the International Conference ASCENT 2013, Malaysia, 12th April 2013. (Paper won the Best paper award)	2013
25	Hema Ramachandran & Bindu G.R, “Evanescent coupling method of wireless power transfer for mobile charging”. Proceedings of the International Conference on global innovations in Technology and Sciences, ICGITS , Aug 2013.	2013
26	Bynu Benjamin & Bindu G R, “Longitudinal Guidance and Control of Re-entry Vehicle in the Approach and Landing phase”, Proceedings of the International Conference on Power, Signals, Control and Computations, EPSCICON, 9-11, January 2014, Thrissur.	2014
27	Vijayalekshmi S, Bindu G R & Rama Iyer, “Estimation of Power Losses in Photovoltaic Array Configurations under Moving Cloud Conditions”, Proceedings of the Fourth International Conference on Advances in Computing and Communications, ACC 2014, August 2014, Cochin.	2014
28	Vijayalekshmi S, Bindu G R & Rama Iyer, “Estimation of Power Losses in Photovoltaic Array Configurations under Passing Cloud Conditions”, Proceedings of the World Congress on Engineering 2014 Vol I, pp 270-275, WCE 2014, July 2 - 4, 2014, London, United Kingdom	2014
29	Sabeena Beevi, Madhu S Nair & Bindu G R, “Automatic segmentation and classification of mitotic cell nuclei in histopathology images based on active contour model”, Proceedings of IEEE International Conference on Contemporary Computing (IC3I), 2014, pp740-744.	2014
30	Sabeena Beevi, Madhu S Nair & Bindu G R, “Detection of Mitotic Nuclei in Breast Histopathology Images using Localised ACM and Random Kitchen Sink based Classifier”, Proceedings of the 38th Annual International Conference of the IEEE Engineering in Medicine and Biology Society-EMBC 2016 , IEEE EMBS, pp2435-2439,Florida, USA”	2016
31	Sabeena Beevi, Madhu S Nair & Bindu G R, “Analysis of Nuclei Detection with Stain Normalisation in Histopathology Images”, Proceedings of the International Conference on Soft Computing in Applied Science and Engineering (ICSCASE), 2015, pp 1-5 (BEST PAPER AWARD)	2015
32	A Asok Kumar, Bindu G R & Dinesh Gopinath, “Performance Analysis of Single Phase Induction Motor and Switched Reluctance Motor used in Domestic Appliances with a view of Energy Conservation”, IEEE International Conference (ECTICON 2014), May , Thailand	2014
33	A Asok Kumar, Bindu G R, “ Energy Efficient Drive System for Domestic and Agricultural Applications: A Comparative Study of SPIM and SRM Drives”, IEEE International Conference(ICIT 2018), February 2018, at Lyon, France	2018
34	G. R. Bindu and J. Basheer, “A novel technique to arrest unbalanced magnetic pull due to conical	2017

Faculty Profile	motion in three phase induction motor using feedforward control," International conference on Nascent Technologies in Engineering, January 2017	
35	G R Bindu, Jasna Basheer & Athira Venugopal, "Analysis and control of rotor eccentricity in a train-lighting alternator", 2017 IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI), September 2017.	2017
36	Elizabeth Cherian , Bindu G R & P S Chandramohan Nair, "Power Quality Enhancement by DC Distribution", Proceedings of the 14 th International Conference on Renewable Energy and Power Quality , ICREPQ 2016, May at Madrid, Spain, Vol 1 , No:4, pp 791-795.	2016
37	Elizabeth Cherian , Bindu G R, "Power Quality Improvement in Distribution System using Hybrid ac/dc Configuration", IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI), Chennai, pp 1436-1439, September 2017	2017
38	Elizabeth Cherian , Bindu G R, " Minimising Harmonics and Transformer Derating in Low Voltage Distribution Networks by Dc Distribution", IEEE International Conference on Emerging Trends and Innovations in Engineering and Technological Research (ICETIETR), Kochi, July 2018.	2018
39	Bindu G R, Asok Kumar, Jasna Basheer, "A Combined Feed forward-Feedback Strategy for Rotor Eccentricity Control in Switched Reluctance Motor Drive Proceedings of the IEEE 8th International Conference on Power and Energy Systems (ICPES) 2018, pp 81-86	2018
40	Bindu G R, Basheer J, " A novel control scheme to mitigate unbalanced magnetic pull due to eccentric rotor in three phase induction motors", Proceedings of the International Symposium on Power Electronics, Electrical Drives, Automation and Motion, pp 7-12, Amalfi, Italy, June 2018.	2018
41	Bindu G R, Aysha S Hameed, "A Novel Flare Maneuver Guidance for Approach and Landing Phase of a Reusable Launch Vehicle", Proceedings of the IEEE 2019 Advances in Science and Engineering Technology International Conferences (ASET), pp 1-6, HCT-Dubai Men's Campus, UAE, 26- 28 March 2019	2019
42	Bindu G R, Aysha S Hameed , "Set Point Tracking Control for the Short Period Dynamics of an RLV during Approach and Landing", Proceedings of IEEE International Conference on Electronics, Communication and Aerospace Technology (ICECA 2019), RVS Technical Campus, Coimbatore, India, 12-14 June 2019	2019
43	Deepa M U and Bindu G R, "Analysis of Different Types of Power Factor Correction Converter for Switched Reluctance Motor Drive", 3rd International Conference on Recent Trends in Science and Technology, Organised by GKM College of Engineering & Technology & TECHOWN Chennai, 6th May 2020	2020
44	Deepa M U and Bindu G R, " An Integrated Switching Pattern and Sensorless Speed Control for BLDC motor drive in Electric Vehicles", International Conference on Intelligent Manufacturing and Energy Sustainability (ICIMES). 2020	2020
45	Deepa M U and Bindu G R, "A Novel Switching Scheme for Regenerative Braking and Battery Charging for BLDC motor Drive used in Electric Vehicle", 2020 IEEE International Power and Renewable Energy Conference. IEEE , (IPRECON 2020)	2020
46	Catherine Thomas and Bindu G R, "A Control Strategy for the Mitigation of Rotor Vibration in a Three Phase Induction Motor", IEEE International Power and Renewable Energy Conference (IPRECON 2021) , in September 2021.	2021
47	Vijayalekshmy S, Bindu GR, S Rama Iyer, "Enhanced Power Generation in Partially Shaded Solar Arrays by Su Do Ku Technique of Panel Placement under Moving Cloud Condition", IEEE International Conference ICICICT 2017, Kannur	2017
48	Vijayalekshmy S, Bindu G R, S Rama Iyer, "Power Enhancement of Zig-Zag and Su Do Ku Schemes in a Partially Shaded Photo Voltaic Array under Static Shading Conditions", IEEE International Conference i-PACT, VIT Vellore, April 2017 (Best paper award)	2017
49	Vijayalekshmy S, Bindu GR, S Rama Iyer, "A Novel Approach for Performance Improvement of	2016

Faculty Profile	Partially Shaded Solar Arrays”, IEEE International Conference on Energy Efficient Technologies Sustainability -ICEETS-16, April 2016, Nagercoil, pp-122-129.	
50	Vijayalekshmy S, Bindu G R, S Rama Iyer, “Power Enhancement of Partially Shaded Solar Arrays under Moving Illumination Conditions Through Shade Dispersion”, IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems 2015, (IEEE SPICES 2015), NIT Calicut.	2015
51	Vijayalekshmy S, Bindu G R, S Rama Iyer, “Performance of Partially Shaded Photovoltaic Array Configurations under Shade Dispersion”, IEEE Conference- International Conference on Advances in Green Energy , ICAGE2014, December 2014, Trivandrum	2014
52	Vijayalekshmy S, Bindu GR, S Rama Iyer, “Estimation of Power Losses in Photovoltaic Array Configurations under Passing Cloud Conditions”, IEEE Conference - Fourth International Conference on Advances in Computing and Communications - ICACC 2014, Cochin, August 2014, pp 366-369	2014
53	Vijayalekshmy S, Bindu GR, S Rama Iyer, “Analysis of Various Photovoltaic Array Configurations under Shade Dispersion by Su Do Ku Arrangement during Passing Cloud Conditions”, ICSCASE 2015, Nagercoil	2015

Awards Received

SL No	Title	Organisation
1	BEST TEACHER AWARD	ISTE-CET
2	BEST TEACHER AWARD	ISTE-CET
3	BEST THESIS SUPERVISOR AWARD	IEEE ComSoc Ba ComSoc Kerala cl
4	UNION MINISTRY OF ENERGY: DEPARTMENT OF POWER PRIZE	Institution of Engin
5	CORPS OF ELECTRICAL AND MECHANICAL ENGINEERS PRIZE	Institution of Engin

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Methodology for Engineering Research	15/11/2012 to 17/
2	Soft Computing Techniques	7th to 11th Januar
3	Development of Life Skills	15-17, July 2010
4	Familiarization of Artificial Neural Network and Fuzzy Systems	23rd to 28th July 2
5	Digital Signal Processing	18/04/2001 to 28/
6	Advanced Field Theory & Related Software	12/11/2001 to 24/
7	Embedded Systems	21st and 22nd Ma
8	Accendo	20th January 200
9	Faraday Talks (Technical Talks)	17th September 2


Positions Held

SL No	Details	Period
1	Research Coordinator	2019-2022

Faculty Profile		
2	Staff Advisor	2005-2009
3	Staff Advisor (PG)	2000-2004

Expert Talks Delivered

SL No	Title	Year
1	Control Systems	2014
2	Introduction to Soft Computing Techniques	28th April, 2014
3	Classical Control Systems	2014
4	Control Systems	2013
5	Basic Control Systems	2013

68.Name	Dinesh Gopinath	
Date of Birth	31/05/1975	
Gender	Male	
Mobile No	9633929573	
Faculty Type	PERMANENT	
Designation	Professor	
Department	Electrical Engineering	
Date of Joining in the Institution	16/06/2003	
Qualification(UG)	B. Tech Electrical & Electronics Engineering	
Qualification(PG)	M. Tech Electrical Engineering (Power Electronics)	

Faculty Profile	
Qualification(Ph. D)	Ph. D in Electrical Engineering
Total Experience in years(Teaching)	18
Total Experience in years(Industry)	1
Total Experience in years(Research)	3
Area of Specialisation	Power Electronics
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	4
Professional Memberships	ISTE, IEEE

Projects Guided in Master's Level

Area of Specialisation	Power Systems	
University	University of Kerala	
Student Name	Project Title	Year
Mr. John George	Development of a digital numerical relay	2004
Ms. Jaya V	Load Emulation Techniques in BLDC Drives	2010
Mr. Shino G. Babu	Design of Switched Reluctance Motor for Home Appliances	2010
Mr. Vipin Kumar	Indirect Matrix Converter Modulation	2011
Ms. Remya Kuriakose	Vector Control of Induction Motor with LC filter at Inverter output	2011
Ms. Saudimol T. V.	A Circulating Energy Testing Scheme for AC Rotating Machines and Power Converters	2012
Ms. Neeba Sabu	An Energy Efficient General Purpose Test-Rig for DC Rotating Machines and Four Quadrant Power Converters	2012
Mr. Vidhun	Four-Leg Inverter based Induction Motor Drive	2013
Ms. Reshma Kuriakose	Current Source Inverter Fed Induction Motor Drive	2013
Ms. Jessla V.	Investigation of Zero Speed Operation of Direct Torque Controlled Open-end winding Induction Motor Drive	2013
Mr. Relish Anai	Solar powered BLDC Motor drive for pump applications	2015
Ms. Archana Manuel	Design and development of a SiC MOSFET inverter	2015
Mr. Akhil Rethnakaran	Development of Selective Harmonic Elimination in Inverters using Raspberry Pi as a supervisory Controller	2016
Ms. Aparna	Real-Time Simulation of Induction Motor Drives	2016

Faculty Profile		
Ms. Arya Lekshmi M. S.	Performance Evaluation of Different Phase Locked Loops (PLLs) for Grid Connected Inverters	2017
Ms. Aswathy U. S.	Bidirectional Battery Charger for Vehicle to Grid Applications	2017
Mr. Arjun A	Real-Time Simulation of BLDC Motors using FPGA	2018
Mr. Abhilash K	Real-Time Simulation of Grid-Connected Inverters	2018
Ms. Semina Beegum	Solar Micro Inverter	2019
Ms. Anu D.	Solar PV Emulator	2019
Mr. Shan George Thomas	Test Bed for Electric Vehicle Drives Characterization	2020
Ms. Akhila P.	Comparison of Control Strategies for BLDC based Electric Two-Wheeler Drive	2020
Ms. Fiby Thomas	MODELLING AND ANALYSIS OF PREDICTIVE CONTROLLERS FOR PMSM DRIVE	2021
Mr. Akhil Nandan	MODELING PREDICTIVE CONTROLLERS FOR INDUCTION MOTOR DRIVES	2021

Papers published in International Journals

SL No	Title	Year
1	S Savitha Pillai, A R Aarathy, Dinesh Gopinath, B. Aryanandiny and Binu Sankar, "Effects of magnetite and titania nanoparticles on properties of transformer insulating oil," Nano Express, Volume 1, Number 2, September 2020, https://doi.org/10.1088/2632-959X/abb715 .	2020

Papers published in National Conferences

SL No	Title	Year
1	Dinesh Gopinath and V. Ramanarayanan , "Implementation of Bi-Directional Switch Commutation Scheme For Matrix Converters ," National Power Electronics Conference (NPEC 2007), IISc Bangalore. Dec 2007.	2007
2	Veerandra T., Mridula Jain, Dinesh Gopinath and V. Ramanarayanan , "FPGA Based Digital Platform for Real Time Simulation of Power Electronics Systems ," National Power Electronics Conference (NPEC 2007), IISc Bangalore. Dec 2007.	2007
3	T. V. Saudimol, N. Sabu and D. Gopinath, "An energy-efficient testing scheme for AC rotating machines and power converters including field weakening mode of operation," 2012 Annual IEEE India Conference (INDICON), Kochi, 2012, pp. 410-415. doi: 10.1109/INDICON.2012.6420653; URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6420653&isnumber=6420575	2012
4	N. Sabu, T. V. Saudimol and D. Gopinath, "A general purpose regenerative test-rig using DC drive based load torque emulator," 2012 Annual IEEE India Conference (INDICON), Kochi, 2012, pp. 753-758., doi: 10.1109/INDICON.2012.6420717; URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6420717&isnumber=6420575	2012
5	A. Manuel and D. Gopinath, "A simulation study of SiC MOSFET characteristics and design of gate drive card using TLP250," 2016 International Conference on Next Generation Intelligent Systems (ICNGIS), Kottayam, 2016, pp. 1-5.doi: 10.1109/ICNGIS.2016.7854059;URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7854059&isnumber=7853997	2016

Papers published in International Conferences

SL No	Title	Year
1	H. S. Thomas, B. Sankar, D. Gopinath, S. Pillai S. and B. Aryanandiny, "Investigation on aged	2020

Faculty Profile	transformer oil samples using Tin oxide (SnO ₂) nanoparticles," 2020 IEEE International Conference on Power Systems Technology (POWERCON), Bangalore, India, 2020, pp. 1-5, doi: 10.1109/POWERCON48463.2020.9230561.	
2	A. R. Aarathy, S. S. Pillai, D. Gopinath, S. S. Sajan, A. R. Nair and B. Aryanandiny, "Spectral analysis for condition assessment of Transformer oil under different aging conditions," 2020 IEEE First International Conference on Smart Technologies for Power, Energy and Control (STPEC), Nagpur, 2020, pp. 1-5, doi: 10.1109/STPEC49749.2020.9297709.	2020
3	Hari Kumar R., D. Gopinath and S. Ushakumari, "Analysis of feed forward phase locked loop and its tuning using PSO," 8th IET International Conference on Power Electronics, Machines and Drives (PEMD 2016), Glasgow, 2016, pp. 1-6. doi: 10.1049/cp.2016.0171; URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7739359&isnumber=7475410	2016
4	A. A. Kumar, G. R. Bindu and D. Gopinath, "Performance analysis of single phase induction motor and switched reluctance motor used in domestic appliances with a view of energy conservation," 2014 11th International Conference on Electrical Engineering/ Electronics, Computer, Telecommunications and Information Technology (ECTI-CON), Nakhon Ratchasima, 2014, pp. 1-6. doi: 10.1109/ECTICon.2014.6839718; URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6839718&isnumber=6839704	2014

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Advanced Technologies in Internet	13 Days
2	Linux Networking	6 Days
3	Advanced Technologies in Digital Communication	18 Days
4	Recent Trends in Power Electronics	5 Days
5	Engineering Pedagogy	2 Days
6	Advances in Control and Computing	7 Days
7	Development of Life Skills	3 Days
8	Reactive Power Management and Power Flow Control in Transmission systems	8 Days
9	Multi-variable Control and Applications	6 Days
10	Recent Advances in Microcontrollers and Applications	7 Days
11	Modern Trends in Power Electronics and Drives	6 Days

Faculty Profile

12	Introduction to Sustainable Engineering	3 Days
13	Grid Integration of Renewable Energy Systems	3 Days

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	SEQUEL: A Circuit Simulation Tool	2010,CERD
2	Design and Control of Grid Connected Power Converters	2012,NaMPET an
3	Modern Trends in Power Electronics and Drives	2012,DTE Kerala
4	Control Engineering Practice: Theory and Hands-on	2013,AICTE
5	Control of Power Converters and Drives	2016,DTE Kerala

Positions Held

SL No	Details	Period
1	Head of Department, Department of Electrical and Electronics Engineering, Government Engineering College Idukki	2017-2019

Expert Talks Delivered

SL No	Title	Year
1	Phase Locked Loops for Grid Connected Converters	2009
2	Overview of switching Power Electronics devices	2011
3	Design of firing circuits	2011
4	Inverters and closed loop speed control of dc drives	2011
5	Role of Power Electronics in Energy Conservation	2012
6	Fundamentals of Power Conversion	2012
7	Matrix Converters: Modelling and Space Vector Modulation	2012
8	Matrix Converters: Modelling and Space Vector Modulation	2012

Faculty Profile

9	Matrix Converters	2012
10	Electric Drives	2012
11	Projects in Power Electronics	2012
12	Power Electronic Topologies and Drives	2013
13	“Analysis, Design and Implementation of Phase-Locked-Loop (PLL) for Grid-Connected Inverters	2011
14	Modelling of Power Converters	2013
15	Power Converters	2013
16	Research Trends in Power Electronics	2013
17	Power Electronics in Smart Grid	2014
18	Fundamentals of Switch-Mode Power Conversion	2015
19	Power Electronics: Evolution, Fundamentals and Future Trends	2015
20	Power Converter Topologies	2015
21	Power Electronics Education	2016
22	Undergraduate Projects	2016
23	Fundamentals of Simulation	2017
24	Modeling of Power Electronic Circuits and Design of Controllers	2018
25	Modeling and Simulation of Power Converters	2018
26	Executing BTech Projects	2018
27	EV Charging Topologies	2022

Faculty Profile

28	Modelling of Power Converters	2021
29	Using FPGA as a digital controller for Power electronics Applications	2020
30	Power Converters for EVs	2019

69.Name **Dr Lal Priya P S**



Date of Birth	28/01/1975
Gender	Female
Mobile No	9495055055
Faculty Type	PERMANENT
Designation	Professor
Department	Electrical Engineering
Date of Joining in the Institution	02/07/2001
Qualification(UG)	BTECH in EE
Qualification(PG)	MTECH in EE specialisation Control Systems
Qualification(Ph. D)	Systems and Control
Total Experience in years(Teaching)	20
Total Experience in years(Industry)	3
Total Experience in years(Research)	3
Area of Specialisation	Control Engineering
No.of Papers Published(National)	
No.of Papers Published(International)	4
No.of Papers in	5

conferences(National)

Faculty Profile

No.of Papers in
conferences(International)

35

Professional
Memberships

Ph.D's Guided

Area of Specialisation Control Engineering

University KTU

Student Name	Thesis Title	Year
Lekshmi S	Range Extension of EV	2023
ASHA RANI G S	CHARGE SCHEDULING OF EV	2023
ASHNI ELISA GEORGE	NETWORK CONTROL SYSTEMS	2025
ASWIN R B	MODELLING AND CONTROL OF A PARACHUTE	2025
ATHIRA T	ML TECHNIQUES IN DENTISTRY	2025

70.Name **Dr. Lekshmi Alappat**



Date of Birth 24/09/1971

Gender Female

Mobile No 9495626946

Faculty Type PERMANENT

Designation Professor

Department Electrical Engineering

Date of Joining in the
Institution 08/03/2019

Qualification(UG) B.Tech in Electrical and Electronics Engg.

Qualification(PG) M.Tech in Electrical Machines

Qualification(Ph. D) PhD

Total Experience in
years(Teaching) 22 years

Total Experience in

**years(Industry)
Faculty Profile**

Total Experience in years(Research)	
Area of Specialisation	Electrical Machines
No.of Papers Published(National)	3
No.of Papers Published(International)	3
No.of Papers in conferences(National)	7
No.of Papers in conferences(International)	6
Professional Memberships	IEEE, ISTE

71.Name Dr. Mini V P

Date of Birth	13-05-1968
Gender	Female
Mobile No	9447986892
Faculty Type	PERMANENT
Designation	Professor
Department	Electrical Engineering
Date of Joining in the Institution	01-01-2001
Qualification(UG)	B.Tech
Qualification(PG)	M.Tech
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	21 YEARS, 3 MONTHS
Total Experience in years(Industry)	NIL
Total Experience in years(Research)	NIL

Area of Specialisation POWER SYSTEMS

Faculty Profile	
No.of Papers Published(National)	-
No.of Papers Published(International)	7
No.of Papers in conferences(National)	4
No.of Papers in conferences(International)	34
Professional Memberships	iste

Ph.D's Guided

Area of Specialisation	Electric Vehicles	
University	KTU	
Student Name	Thesis Title	Year
Namitha Murali	DESIGN, MODELING AND IMPLEMENTATION OF AN EFFICIENT PMSM DRIVE FOR AN ELECTRIC THREE-WHEELER	2019
Vijayasree G	DESIGN, MODELING, AND PERFORMANCE ANALYSIS OF HIGH-SPEED HOMOPOLAR INDUCTOR ATERNATOR	2019
Sabna M	CONDITION MONITORING OF FIVE-PHASE PMSM DRIVE	2019
Nikhila M P	Design and Performance Analysia of Syn Reluctance motor for Electric Four Wheeler	2021

Projects Guided in Master's Level

Area of Specialisation	Electric Drives	
University	KTU	
Student Name	Project Title	Year
Lavina S Vijay	Sensorless control of BLDC motor	2022
Amal P Simon	Design and modeling of solar powered BLDC motor drive for an Electric Boatelectric Boat	2022
Vineetha K	Design and development ofThree Phase Induction Motor Drive for Washing Machine	2022
Anju P Sivadas	EFFICIENCY OPTIMIZATION OF PMSM DRIVE FOR ELECTRIC THREE-WHEELER	2021
Sanija John	BLDC DRIVE WITH MAXIMUM TORQUE PER AMPERE (MTPA) CONTROL FOR ELECTRIC VEHICLE APPLICATION	2021
Sanija John	BLDC DRIVE WITH MAXIMUM TORQUE PER AMPERE (MTPA) CONTROL FOR ELECTRIC VEHICLE APPLICATION	2021
Sanija John	BLDC DRIVE WITH MAXIMUM TORQUE PER AMPERE (MTPA) CONTROL FOR ELECTRIC VEHICLE APPLICATION	2021
Anagha	FAULT ANALYSIS AND DIAGNOSIS OF INTER TURN SHORT CIRCUIT OF FIVE PHASE PMSM	2019
Akhil R S	MODIFIED FLUX-WEAKENING CONTROL FOR ELECTRIC VEHICLE WITH PMSM DRIVE	2019

Shruthi Prins	DETECTION AND DIAGNOSIS OF FAULTS IN THREE PHASE INDUCTION MOTOR DRIVE	2018
---------------	--	------

Faculty Profile	SYSTEM	
Abhijith R Prasad	Design and Implementation of Thermal Energy Harvesting System for Power Transformer by Identification of Hotspots	2018
Arya	POWER FACTOR IMPROVEMENT OF INDUCTION MOTOR DRIVE SYSTEM	2018
Archana V S	PERFORMANCE ANALYSIS OF HIGH SPEED HOMOPOLAR INDUCTOR ALTERNATOR USING ANSYS SOFTWARE	2018
Sajitha	FAULT-TOLERANT CONTROL OF BLDC MOTOR DRIVE FOR ELECTRIC VEHICLE APPLICATION	2017
Nizar P O	Design, modeling and simulation of an efficient control for PV solar power system interfaced Unified Power Quality Conditioner	2021
Guru Prasad	Design and Development of a Multifunctional Charging Station	2021
Reshma M S	Fault Analysis for PMSM Drive using RFT Method	2019
Biju G S	DEVELOPING A FRAMEWORK FOR DAY-AHEAD LOAD FORECASTING FOR KERALA POWER SYSTEM BASED ON NEURAL NETWORKS	2019
ANOOP KUMAR N	SRM BASED EFFICIENT DRIVE SYSTEM FOR EV/HEV APPLICATIONS	2018
Anju L S	An Efficient Power Quality Compensator for Grid Connected Wind PV Generating System	2015

Papers published in International Journals

SL No	Title	Year
1	Modified V-shaped IPMSM drive for Electric Vehicle, International Review on Modelling and Simulations (IREMOS)	2021
2	1. Fuzzy-Based Intelligent Algorithm for Diagnosis of Drive Faults in Induction Motor Drive System, Springer Arabian Journal for Science and Engineering(SCI),,May 2019, pp.1-11	2019
3	2. Transforming distribution system into a sustainable isolated microgrid considering contingency, Bulletin of the Polish Academy of Sciences-Technical Sciences(SCI), vol. 67.issue.5, Nov 2019, pp. 871-881,	2019
4	3. Rotor fault detection and diagnosis of three phase induction motor using fuzzy logic "AMSE Journal series A , vol. 87 ,April 2014, ISSN: 1961-5086.	2014
5	4. Electrical Fault Detection and Diagnosis of Induction Motor using Fuzzy Logic AMSE International Journal on modeling, measurement and Simulation series B, vol.55, issue 1, 2012	2012
6	5. Fault Analysis of Induction Motor Drive System Using Maxwell-Simplorer" International Journal of Electronics and Data Communication, ISSN 2320-2084	2015
7	6. Modified Flux-Weakening Control for Electric Vehicle with PMSM Drive, "IFAC-Journal,Volume 53, Issue 1, 2020, Pages 325-331	2015
8	WIND ENERGY CONVERSION SYSTEM WITH COGENERATION OF HYDROGEN FOR REMOTE AREA APPLICATION , International Journal of Industrial Electronics and Electrical Engineering, ISSN: 2347-6982 Volume-3, Issue-9	2015

Papers published in National Conferences

SL No	Title	Year
1	Performance Analysis Of Modified Two Inductor Boost Converter(TIBC)	2017
2	Power factor correction using Cuk converter	2016

Faculty Profile		
3	Optimization & Efficiency Improvement of an Axial Flux BLDC motor	2016

Papers published in International Conferences

SL No	Title	Year
1	32. Fault detection and diagnosis of an induction motor using fuzzy logic", 2010 IEEE Region 8 International Conference on Computational Technologies in Electrical and Electronics Engineering (SIBIRCON), 1-15 July 2010, pp:459:464	2010
2	31. Incipient fault detection and diagnosis of induction motor using fuzzy logic", IEEE Recent Advances in Intelligent Computational Systems, 22-24 Sept. 2011, Pp:675:681	2011
3	30. Rotor fault analysis of an induction motor using FEM", 2012 2nd International Conference on Power, Control and Embedded Systems, 17-19 Dec. 2012, Pp:178-182.	2012
4	29. Switching fault detection and analysis of induction motor drive system using fuzzy logic", 2014 International Conference on Advances in Green Energy (ICAGE), 17-18 Dec. 2014, Pp:132 :137	2014
5	28. Study on energy efficient burn-in techniques for power supplies", 2014 International Conference on Advances in Green Energy (ICAGE), 17-18 Dec. 2014, Pp:204-209	2014
6	27. Rotor fault detection and diagnosis of three phase induction motor drive system", Mar 23, to Mar 25, 2015, Pp:212-217	2015
7	26. Battery-less boost converter for thermal energy harvesting system", 2015 International Conference on Control Communication & Computing India (ICCC), Mar 23, to Mar 25, 2015, pp:331-336	2015
8	24. An efficient solar powered induction motor drive system" International Conference on Control Communication & Computing India (ICCC), Mar 23, to Mar 25, 2015, pp 549-558.	2015
9	Rotor fault detection and diagnosis of three phase induction motor drive system, 2015 International Conference on Control Communication & Computing India (ICCC),	2015
10	High power factor VSI fed induction motor drive International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICT) , July 2017	2017
11	22. Design Development and performance Analysis of Homopolar Pulsed Alternator, International CET Conference on Control, Communication, and Computing IIT Chennai, Year: 2018 pp: 39 – 44 July 9-11.	2018
12	21. Power Quality Enhancement of VSI Fed Induction Motor Drive, IEEE 2018 International CET Conference on Control, Communication, and Computing (IC4), July 2018	2018
13	20. Detection of Broken Rotor Bar using Multilevel Wavelet Decomposition, IEEE Second International Conference on Computational Systems and Communications, Chennai, 2018	2018
14	19. A Laboratory Scale Test-Bed for Demonstrating and Validating Smart Grid Concepts, IEEE International Conference on Power Electronics, Drives and Energy Systems Conference (PEDES), IIT Chennai, Dec 2018.	2018
15	18. A Novel Algorithm for Detection and Diagnosis of Switching Faults of Three Phase Induction Motor Drive System, IEEE International Conference on Power Electronics, Drives and Energy Systems Conference (PEDES), IIT Chennai, Dec 2018	2018
16	Fault-Tolerant Control of BLDC Motor Drive for Electric Vehicle Applications, IEEE International Conference on Power Electronics Applications and Technology in Present Energy Scenario (PETPES-2019), August 29th -31st 2019, NIT Surthkal	2019
17	16. Fuzzy Intelligent System for Detection of Multiple Switch Open Fault in IMDS, 4th IEEE International Conference on Condition Assessment Techniques in Electrical Systems (CATCON 2019), Nov-21-23 2019, IITM Chennai	2019
18	15. Thermal analysis of squirrel cage Induction Motor, IEEE International Conference on Power	2020

Faculty Profile	Electronics and Renewable Energy Applications (PEREA 2020).	
19	14. Optimal Energy Sharing in Smart DC Microgrid Cluster, 2020 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE2020).	2020
20	13. Design and Virtual Development and Performance Study of High-Speed Homo Polar Inductor Alternator, National Aerospace Propulsion Conference NAPC – 2020, 17-19 Nov.2020	2020
21	12. Sizing and Performance Analysis of an Electric Motor in an E-rickshaw”, 2020 IEEE International Conference on Power Systems Technology“(POWERCON), 14-16 Sept. 2020,pp: 1-6.	2020
22	11. Inter Turn Short Circuit Fault Analysis of Five-Phase PMSM, 2021 IEEE 4th International Conference on Computing, Power and Communication Technologies (GUCON), 13 November 2021.	2020
23	8. The Effect of Multiple PV and Battery Penetration on Stability of DC Microgrid with Single Bus Topology, 2021 9th IEEE International Conference on Power Systems (ICPS), 2021	2021
24	7. Performance comparison between different rotor configurations of PMSM for EV application” IEEE REGION 10 CONFERENCE (TENCON), 16-19 Nov. 2020, Osaka, Japan.	2020

Consultancy Details

SL No	Consultancy	Year
1	Implementation of a fuzzy logic Algorithm for detection, diagnosis and Forecasting of fault in three phase Induction motor drive system – Funded by Kerala State Science Council for Science Technology and Environment -2018-2020, 8.69 lakhs	2018-2020
2	Electrical & Thermal analysis of low power homo polar alternator- Funded by DRDO 2019-20, 9.6 lakhs	2019-20
3	Design and Development analysis of high speed Homo polar Inductor Alternator, funded by DRDO 2017-18, 10.6 lakhs	2017-18
4	Modeling and analysis of variable speed Permanent Magnet Alternator, funded by DRDO 2019-20, 8.1lakhs	2019-20
5	Design and implementation of Electric Three-Wheeler – NDF –AICTE 25 lakhs	2019-22

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Computer Aided Analysis of Power System	11th November 20
2	Technical Writing in LTEX	9th December 20 days
3	Key issues and challenges with renewable energy integration in to the Grid	11th Jan 2016 16t
4	Power Industry familiarisation Program PETARC KSEB	20th Jan 2016 22t
5	Design and Hardware Implementation of Power Electronic Circuits,	8th to 13th JAN 21
6	Recent Trends in Power Electronics and Drives. Sponsored by KTU	18th to 22nd June
7	Course Coordinator - Hands on Work shop on Internet of Things (IoT) for Electrical Applications,	16th to 22nd July
8	- Embedded System design for Power electronic Converters,	3rd to 7th Dec 20


Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
-------	-------	-----------------

Faculty Profile		
1	Design and Hardware Implementation of Power Electronic Circuits,	2018,Sponsored t
2	Recent Trends in Power Electronics and Drives.	2018, Sponsored
3	Hands on Work shop on Internet of Things (IoT) for Electrical Applications,	2018,Sponsored t
4	Embedded System design for Power electronic Converters,	2018,Sponsored t
5	Modern Trends in Power Electronics and Drives,	2019,Sponsored t

Positions Held

SL No	Details	Period
1	PTA Treasurer	2018-21
2	Lab In Charge - Power Electronics Lab	2014-15, 16-18
3	Lab In Charge - Research Lab	2018-22
4	Advisor B.Tech	2006-10
5	B.Tech Advisor -	2011-15
6	B.Tech Advisor -	2001-2005
7	M.Tech advisor	2016-18
8	Advisor - M.Tech	2020-22

72.Name	Dr.MAYADEVI N	
Date of Birth	26/12/1973	
Gender	Female	
Mobile No	09447884969	
Faculty Type	PERMANENT	
Designation	Professor	
Department	Electrical Engineering	
Date of Joining in the Institution	17/07/2009	
Qualification(UG)	B.Tech	
Qualification(PG)	M.Tech	
Qualification(Ph. D)	Ph.D	
Total Experience in	21	

years(Teaching)

Faculty Profile

Total Experience in years(Industry)	NIL
Total Experience in years(Research)	NIL
Area of Specialisation	Computer and Information Sciences
No.of Papers Published(National)	1
No.of Papers Published(International)	4
No.of Papers in conferences(National)	4
No.of Papers in conferences(International)	12
Professional Memberships	ISTE

Ph.D's Guided

Area of Specialisation	Power System	
University	APJ Abdul Kalam Technological University University in Thiruvananthapuram, Kerala	
Student Name	Thesis Title	Year
Mr.Jithin K.	DESIGN AND ANALYSIS OF INTERCONNECTED DC MICROGRIDS WITH HIERARCHICAL POWER SHARING CONTROL	2019

Papers published in National Journals

SL No	Title	Year
1	SCADA-based operator support system for power plant equipment fault forecasting. urnal of the Institution of Engineers (India): Series B 95 (4), 369-376	2014

Papers published in International Journals

SL No	Title	Year
1	A review on expert system applications in power plants,International Journal of Electrical and Computer Engineering 4 (1), 116	2014
2	Fuzzy-based intelligent algorithm for diagnosis of drive faults in induction motor drive system,Arabian Journal for Science and Engineering 45 (3), 1385-1395	2020
3	Transforming distribution system into a sustainable isolatedmicrogrid considering contingency, Bulletin of the Polish Academy of Sciences. Technical Sciences 67 (5)	2019

Papers published in International Conferences

SL No	Title	Year
1	Detection of broken rotor bars using multilevel wavelet decomposition,2018 2nd International Conference on Trends in Electronics and Informatics ...	2018
2	[PDF] from ieee.org Expert System for power plant operator performance evaluation,2014 Fourth	2014


Faculty Profile			International Conference on Advances in Computing and Communications
3	Expert System for power plant operator performance evaluation,2014 Fourth International Conference on Advances in Computing and Communications IEEE	2014	
4	[PDF] from ieee.org Optimal energy sharing in smart DC microgrid cluster,2020 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE2020) IEEE	2020	
5	Failure forecast engine for power plant expert system shell,2012 IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT)	2012	
6	A novel algorithm for detection and diagnosis of switching faults of three phase induction motor drive system,2018 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES)	2018	

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Key Issues & Challenges with Renewable Energy Integration in to Grid	11/1/2016 TO 16/
2	Product Development of an IoT Device	07/06/2017 09/06/
3	Outcome Based Accreditation	25/06/2018 26/06/
4	Robotics And Automation	03/07/2017 07/07/
5	System Identification and Parameter Estimation	CET EE 9th Dece Decemeber 2019
6	Modern Trends in Power Electronics and Drives	01st - 14th July 20

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Design and Hardware Implementation of Power Electronic Circuits	2018,DTE
2	Recent Trends in Power Electronics and Drives	2018,KTU
3	Hands on Work shop on Internet of Things (IoT) for Electrical Applications	2018,DTE
4	Embedded Systems Design for Power Electronic Converter	2018,DTE
5	Embedded Systems Design for Power Electronic Converter	2019,KTU

73.Name	Elizabeth Cherian	
Date of Birth	12/01/1967	
Gender	Female	
Mobile No	09447583771	

Faculty Profile	
Faculty Type	PERMANENT
Designation	Professor
Department	Electrical Engineering
Date of Joining in the Institution	12/10/1999
Qualification(UG)	B Tech (Electrical and Electronics)
Qualification(PG)	MTech (Power Systems)
Qualification(Ph. D)	Ph D (Electrical and Electronics)
Total Experience in years(Teaching)	23
Total Experience in years(Industry)	1
Total Experience in years(Research)	7
Area of Specialisation	PowerSystes
No.of Papers Published(National)	Nil
No.of Papers Published(International)	2
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	4
Professional Memberships	ISTE-life member

Papers published in International Journals

SL No	Title	Year
1	International ournal of Management technology and Engg Title: ZVT interleaved high step up DC DC converter based on a voltage multiplier	2019

Papers published in National Conferences

SL No	Title	Year
1	2nd national conference on novel and challenging issues on recent innovations in Engg. and information sciences Paper : Solar water pump using BLDC motor drive with high gain DC DC Converter	2021

Papers published in International Conferences

SL No	Title	Year
1	3rd international conference on recent trends in science and technology GKM College of Engg and	2020


Faculty Profile	Technology and Techown Chennai Title: 3 port rectifier based Ac DC converters with sigma architecture for energy storage applications	
2	IEEE 4th international conference on smart systems and Inventive Technology Title: A power factor correcting Electric vehicle fast charger with wide voltage range	2022

Awards Received

SL No	Title	Organisation
1	IEI journal prizes and awards-Union ministry of Energy Dept of power	34th Indian Engg.
2	Best paper award	College of Engine

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Design and use of power electronic converters and its applications	19th to 23rd Octol
2	Robust control systems	26/4/1 to 1/5/21

74.Name	Francis M Fernandez	
Date of Birth	30/05/1969	
Gender	Male	
Mobile No	9074866202	
Faculty Type	PERMANENT	
Designation	Professor	
Department	Electrical Engineering	
Date of Joining in the Institution	12/10/1999	
Qualification(UG)	B.Tech - Electrical and Electronics	
Qualification(PG)	M.Tech - Electrical Machines	
Qualification(Ph. D)	PhD - Power Quality	
Total Experience in years(Teaching)	22 Years	

Total Experience in

Faculty Profile

Total Experience in years(Industry)	5 Years
Total Experience in years(Research)	
Area of Specialisation	Power Quality
No.of Papers Published(National)	0
No.of Papers Published(International)	4
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	11
Professional Memberships	IEEE, ISTE

Papers published in International Journals

SL No	Title	Year
1	Francis M. Fernandez, P. S. Chandramohan Nair, "Method for separation of customer and utility contributions of harmonics at point of common coupling", IET Transactions on Generation, Transmission and Distribution , vol. 7, no. 4, pp. 374-381, April 2013.	2013
2	Rijo Rajan, Francis M.Fernandez, "Power control strategy of photovoltaic plants for frequency regulation in a hybrid power system", International Journal of Electrical Power & Energy Systems, Volume 110, September 2019, Pages 171-183	2019
3	Rijo Rajan, Francis M.Fernandez, "Small-signal stability analysis and frequency regulation strategy for photovoltaic sources in interconnected power system", Springer Journal of Electrical Engineering. Issue 6/2021	2021
4	Rijo Rajan, Francis M Fernandez, Yongheng Yang, "Primary frequency control techniques for large-scale PV-integrated power systems: A review", Elsevier Journal - Renewable and Sustainable Energy Reviews, Volume 144, July 2021, https://doi.org/10.1016/j.rser.2021.110998	2021


Papers published in International Conferences

SL No	Title	Year
1	Francis M. Fernandez, P. S. Chandramohan Nair, "A New Expression for Power Factor under Nonsinusoidal Conditions", 2011 IEEE-PES International Conference on Innovative Smart Grid Technologies (ISGT-2011), Kollam, Kerala.	2011
2	Francis M. Fernandez, P. S. Chandramohan Nair, "Estimation of Supply Side Harmonics by Using Network Impedance Data", 2010 Joint International Conference on Power Electronics, Drives and Energy Systems (PEDES), New Delhi.	2010
3	Francis M. Fernandez, P. S. Chandramohan Nair, "Influence of Power Factor Compensating Capacitors on Estimation of Harmonic Distortion", 9th International Conference on Power Quality and Utilisation (EPQU-2007), Barcelona, Spain	2007
4	Harikrishnan R., Francis M. Fernandez, "Improved online torque-sharing-function based low ripple torque control of Switched Reluctance Motor Drives", IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), Thiruvananthapuram, 2016	2016
5	Rijo Rajan, Francis M Fernandez, "Fuzzy-Based Control of Grid-Connected Photovoltaic System for	2018

Faculty Profile	Enhancing System Inertial Response", 53rd International Universities Power Engineering Conference, IEEE Power and Energy Society (PES), Glasgow, Scotland, 2018	
6	Rijo Rajan, Francis M Fernandez, "Grid Inertia Based Frequency Regulation Strategy of Photovoltaic System Without Energy Storage", IEEE International Conference on Control, Communication, and Computing (IC4), Thiruvananthapuram, 2018	2018
7	Athira Venugopal, Francis M. Fernandez, "Solar Powered Switched Reluctance Motor Drive for Hybrid Electric Boat", International Conference for Convergence of Technology (I2CT), Mangalore, India, Oct 2018	2018
8	M S Sujith, Francis M Fernandez, "Minimisation of Torque Ripple and Power Factor Correction of Low Cost BLDC Motor drive", International Conference for Convergence of Technology (I2CT), Mangalore, India, Oct 2018	2018
9	Rijo Rajan, F. M. Fernandez, "Impact of Increased Penetration of Photovoltaic Sources on Small-Signal Stability of Hybrid and Multi area Power Systems," IEEE Bangalore Section, Innovations in Power and Advanced Computing Technologies (i-PACT), Vellore, India, Mar. 2019, pp. 1-6	2019
10	Rijo Rajan, F. M. Fernandez, "Impact of Distributed Virtual Inertia from Photovoltaic Sources on Frequency Regulation in Hybrid Power System," IEEE Industry Application Society, 2nd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA), Bangalore, India, Mar. 2020, pp. 13-18	2020
11	Anu G, Francis M Fernandez, "Identification of Harmonic Injection and Distortion Power at Consumer Location", 19th International Conference on Harmonics and Power Quality (ICHQP 2020), Hosted online by University of Wollongong in Dubai, 6-7 July 2020	2020

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Electrical System Design: New Trends	21/01/2019 to 26/01/2019
2	Embedded Systems Design for Power Electronic Converters	03/12/2018 to 7/12/2018
3	Electrical Drives: Simulation and Hardware Implementation	15/01/2018 to 20/01/2018

75.Name	Jisha V R	
Date of Birth	28/05/1974	
Gender	Female	
Mobile No	09496587721	
Faculty Type	PERMANENT	
Designation	Professor	
Department	Electrical Engineering	
Date of Joining in the	01/06/1999	

Institution Profile

Qualification(UG)	BTech
Qualification(PG)	MTech
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	nil
Total Experience in years(Research)	10
Area of Specialisation	Robotics and Control
No.of Papers Published(National)	nil
No.of Papers Published(International)	1
No.of Papers in conferences(National)	19
No.of Papers in conferences(International)	32
Professional Memberships	IEEE , ISTE

Projects Guided in Master's Level

Area of Specialisation	Robotics and Control	
University	APJ Abdul Kalam Technological University	
Student Name	Project Title	Year
Muafira Thasni K	Optimal Trajectory Planning for A Differentially Driven Unmanned Ground Vehicle In An Obstacle Ridden Environment	2021
Sandeep P V	Feedback Linearization Based Control of a Single Axis Magnetic Levitation System	2021
Parth K Karanavar	Harmonic Reduction and Performance Improvement of BLDC Motor Using a Fuzzy Logic Based Selective Harmonic Elimination PWM Controller	2020
Vinitha V N	Traction Control of an Electric Vehicle	2019
Reshma Raj	Path Tracking Control of an Omnidirectional Mobile Robot	2019
Karthika B	Nonlinear Optimal Control of a Two Wheeled Self Balancing Robot	2019
Nimisha Sara Abraham	Dynamic Path Planning And Real Time Perception For An Autonomous Differential Drive Robot	2019
Anupama Vijay	Stabilizing Control of a Coaxial Octacopter for Human Transportation	2019
Jane James	Parameter Estimation and Balancing of a 3-Axis Air Bearing Platform	2019
Amal T S	Trajectory Tracking of Two-Wheeled Autonomous Self-Balancing Human Transportation Robot	2018
Athira Krishnan	Path Planning and Tracking Of An Autonomous Quadcopter	2018
Menino Fruto	Motion Intention Prediction and Trajectory Tracking of 5 Dof Exoskeleton	2018

Faculty Profile		
Anisha Mariam Varghese	Motion Planning And Control Of An Autonomous Mobile Robot	2018
Judy K Raju	Estimation And Reduction of Wear for Antilock Braking Systems	2018
Anisha K	Trajectory Tracking of Wheeled Mobile Robot Using Model Predictive Controller	2018
Rajesh Kumar B	Optimal Cooperative Guidance Law For Missile Salvo Tracking	2018

76.Name RAJEEV T



Date of Birth	03-05-1975
Gender	Male
Mobile No	9447889009
Faculty Type	PERMANENT
Designation	Professor
Department	Electrical Engineering
Date of Joining in the Institution	06-11-2003
Qualification(UG)	B.TECH IN ELECTRICAL ENGINEERING
Qualification(PG)	M.TECH IN POWER SYSTEMS
Qualification(Ph. D)	ELECTRICAL ENGINEERING
Total Experience in years(Teaching)	18 YEARS 5 MONTHS
Total Experience in years(Industry)	2 YEARS
Total Experience in years(Research)	6 YEARS 6 MONTHS
Area of Specialisation	ELECTRICAL ENGINEERING
No.of Papers Published(National)	1
No.of Papers Published(International)	4 , BOOK CHAPTER - 2
No.of Papers in conferences(National)	1

No.of Papers in 16

Faculty Profile

Professional Memberships	INSTITUTE OF ENGINEERS
--------------------------	------------------------

Ph.D's Guided

Area of Specialisation	ELECTRICAL ENGINEERUNG
------------------------	------------------------

University	KTU
------------	-----

Student Name	Thesis Title	Year
ARCHANA AN	ELECTRIC VEHICLE (ON GOING)	2019
DIVYA S NAIR	ADAPTIVE RELAYING AND PROTECTION(on going)	2019
JITHIN S	HYBRID AC/DC GRID STABILITY(ON GOING)	2020

Expert Talks Delivered

SL No	Title	Year
1	Intelligent interventions in Transporation, Building and Energy Systems	2016
2	Energy Management	2017
3	Changing Drivers of Economic Progress	2015
4	Smart grid Technology	2018
5	Energy Conservation and Management	2019
6	Research Opportunities in Smart Grid Technologies	2021
7	Emerging Trends and Potential Renewable Energy System	2021
8	Load flow analysis	2021
9	Advanced energy storage technologies for EV application	2021
10	Emerging Technologies in Electric Vehicles	2021

Faculty Profile



Date of Birth	15/05/1975
Gender	Male
Mobile No	9447143876
Faculty Type	PERMANENT
Designation	Professor
Department	Electrical Engineering
Date of Joining in the Institution	01-06-1999
Qualification(UG)	B.Tech. in Electrical and Electronics
Qualification(PG)	M.E. in Electrical Engineering
Qualification(Ph. D)	Ph.D. in Electrical Engineering
Total Experience in years(Teaching)	23
Total Experience in years(Industry)	0.5
Total Experience in years(Research)	15
Area of Specialisation	Power System
No.of Papers Published(National)	0
No.of Papers Published(International)	15
No.of Papers in conferences(National)	7
No.of Papers in conferences(International)	15
Professional Memberships	ISTE

Ph.D's Guided

Area of Specialisation	Power System	
University	APJ Abdul Kalam Technological University	
Student Name	Thesis Title	Year
Deepa S.Kumar	Power System Stability Analysis Using Synchrophasors for Self-Healing of Smart Grid	2020

Faculty Profile

78.Name **SHEREEF R. M.**

Date of Birth 27/05/1975

Gender Male

Mobile No 9446574277

Faculty Type PERMANENT

Designation Professor

Department Electrical Engineering

Date of Joining in the
Institution 17/09/2014

Qualification(UG) B. Tech.(Electrical & Electronics Engineering)

Qualification(PG) M. E. (Electrical Engineering)

Qualification(Ph. D) Ph. D.

Total Experience in
years(Teaching) 21

Total Experience in
years(Industry) 3

Total Experience in
years(Research) 11

Area of Specialisation Electrical Engineering - Power System

No.of Papers
Published(National) NIL

No.of Papers
Published(International) 4

No.of Papers in
conferences(National) NIL

No.of Papers in
conferences(International) 9

Professional
Memberships Fellow of Institution of Engineers (India), Member IEEE

Projects Guided in Master's Level

Area of Specialisation Electrical Engineering - Power System

Faculty Profile	University of Kerala	
University	University of Kerala	
Student Name	Project Title	Year
Jubin Raj K.	Voltage stability improvement of power networks	2007
Prince G. Kunnumpuram	Congestion Management in Deregulated Power System Using Generation Rescheduling	2008
Sreeprabha P K	Power management in Parallel HEV using DSP processor	2008
Jayaraj B.	Transmission Charges of Power Contracts Based on Relative Electrical Distances in Open Access	2009
Saritha M.	Generator contribution towards Loads and Line Flows under normal and contingency conditions	2009
Vipin Das A. K.	Adaptive Relay Coordination considering Distributed Generation using Multi Agent System	2016
Arjun Visakh	HVDC Grid Protection Using Rate of Change of Voltage	2017
Cicil Hima Sebastian	Location of Fault in a DC Microgrid using State Space Model Based Approach	2018
Charisma Maria	Real-time Digital Simulation of CIGRE HVDC System using Full Spectrum Simulator	2018
Babina Babu M.	Frequency regulation and peak demand clipping in power system using electric vehicles	2019
Sanitha G	Location identification and classification of events using micro-PMU data	2019
Swathi Krishna O. K.	Optimal Scheduling of Grid Connected PV System with Battery Energy Storage	2020
Anjali Mohan	Enhanced Frequency Regulation Using Ultra Capacitor in Remote Area Power Supply	2021

Papers published in International Journals

SL No	Title	Year
1	Shereef, R. M., and S. A. Khaparde. "A comprehensive method to find RPO trajectory and incentive scheme for promotion of renewable energy in India with study of impact of RPO on tariff." Energy policy 61 (2013): 686-696.	2013
2	Shereef, R. M., and S. A. Khaparde. "Current status of REC mechanism in India and possible policy modifications to way forward." Energy Policy 61 (2013): 1443-1451.	2013
3	Shereef, R. M., and S. A. Khaparde. "A unified REC market and composite RPO scheme for promotion of renewable energy in India." International Journal of Sustainable Energy 36.6 (2017): 606-618.	2017
4	Majumder, Subir, R. M. Shereef, and Shrikrishna A. Khaparde. "Two-stage algorithm for efficient transmission expansion planning with renewable energy resources." IET Renewable Power Generation 11.3 (2017): 320-329.	2017

Papers published in International Conferences

SL No	Title	Year
1	Raj, T. Vinayaka, R. M. Shereef, and S. A. Khaparde. "Comparison of SVCs And D-STATCOMs to control voltage violations of fixed speed induction generators." 2012 IEEE Fifth Power India Conference. IEEE, 2012.	2012
2	Kachhia, Jaivik, R. M. Shereef, and S. A. Khaparde. "Operation and tariff for composite PV-battery system." 2013 Annual IEEE India Conference (INDICON). IEEE, 2013.	2013
3	Visakh, Arjun, and R. M. Shereef. "Protection of HVDC grids against temporary and permanent faults." 2018 international conference on control, power, communication and computing technologies (ICCPCT). IEEE, 2018.	2018
4	Sebastian, Cicil Hima, and R. M. Shereef. "Location of Fault in a DC Microgrid using State Space	2020

Faculty Profile	Model Based Approach." 2020 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE2020). IEEE, 2020.	
5	Sanitha, G., and R. M. Shereef. "Micro-pmu data based location identification and classification of events." 2020 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE2020). IEEE, 2020.	2020
6	Babina Babu, M., Shereef, R. M. "Optimal Scheduling of Electric Vehicles for Peak Clipping Services." 2020 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE2020). IEEE, 2020.	2020
7	Maria, Charisma, A. Ajeesh, R. M. Shereef, Nevin Samuel, and P. P. Jayan., "Real-time Digital Simulation of CIGRE HVDC System using Full Spectrum Simulator." 2020 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE2020). IEEE, 2020.	2020
8	Arumaraj, Hrithu Olickel, and R. M. Shereef. "Redox flow battery based transmission system for increasing renewable energy utilisation and electric vehicle adoption." 2021 Innovations in Energy Management and Renewable Resources (52042). IEEE, 2021.	2021
9	Ajith, M. A., and R. M. Shereef. "Islanding Detection of Inverter based Distributed Generations using Wavelet Transform and KNN." 2022 IEEE International Conference on Power Electronics, Smart Grid, and Renewable Energy (PESGRE). IEEE, 2022.	2022

Awards Received

SL No	Title	Organisation
1	Best student project award to the B. Tech. project titled "Ropeless Elevator System" done by Mr. Rahul R. S., Adil Rahman K., Kavyasree Raj S., and Mujeebu Rahman under my supervision	Tata Consultancy SEZ Unit, Infoparl
2	POSO Power System Award 2020- Masters' Category to the M. Tech. project titled "Location identification and classification of events using micro-PMU data" done by Ms. Sanitha G. under my supervision	Joint venture of P Corporation (POS Innovation & Tech Delhi.
3	Best paper award to Hrithu O. A. and R. M. Shereef for the submission entitled " Redox flow battery based transmission system for increased renewable energy storage and electric vehicle adoption"	International Conf Energy Managem Resources(IEMR IEEE, Kolkata sec

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Advanced electromagnetic field theory in condition monitoring of electrical and electronics equipments	3 -- 16 Jan 2002

Short Terms Courses/Workshops Organized


SL No	Title	Year and Sponsc
1	FDP on "Computer Aided Analysis of Power System"	2015,Director of T
2	FDP on "Document Preparation using LATEX"	2015,Director of T
3	FDP on "Key Issues and Challenges with Renewable Energy Integration into Grid"	2016,AICTE
4	National workshop on "Challenges and Opportunities in Pumped Stoage Hydro Electric Power Plants"	2016,KSEBL & C Trivandrum
5	FDP on "Document Preparation using LATEX"	2016,Director of T

6	FDP on "Computer Aided Power System Analysis"	2017,Director of T
---	---	--------------------

Faculty Profile		
7	FDP on "Document Preparation using LATEX"	2017,Director of T
8	FDP on "Operation and Control of Modern Power Systems"	2017,Director of T
9	FDP on "Operation and Control of Modern Power Systems with increasing Renewable Energy Penetration"	2018,Director of T
10	Linear Algebra and its Applications	2018,Director of T

79.Name	ARLENE DAVIDSON R	
Date of Birth	12/11/1974	
Gender	Female	
Mobile No	9400818313	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Electrical Engineering	
Date of Joining in the Institution	11/03/2019	
Qualification(UG)	B.Tech(Electrical and Electronics Engineering)	
Qualification(PG)	M.Tech(Control Systems)	
Qualification(Ph. D)	Ph.D	
Total Experience in years(Teaching)	22	
Total Experience in years(Industry)	0	
Total Experience in years(Research)	0	
Area of Specialisation	Control Systems	
No.of Papers Published(National)	1	
No.of Papers Published(International)	4	
No.of Papers in conferences(National)	1	
No.of Papers in conferences(International)	8	
Professional Memberships	IEEE	

Faculty Profile

80.Name	Asok Kumar A	
Date of Birth	05/05/1966	
Gender	Male	
Mobile No	8547510783	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Electrical Engineering	
Date of Joining in the Institution	01/06/2000	
Qualification(UG)	B Tech in Electrical and Electronics Engineering	
Qualification(PG)	Control Systems	
Qualification(Ph. D)	Ph. D in Electrical Engineering	
Total Experience in years(Teaching)	21	
Total Experience in years(Industry)	6	
Total Experience in years(Research)	2	
Area of Specialisation	Electrical Drives	
No.of Papers Published(National)	0	
No.of Papers Published(International)	4	
No.of Papers in conferences(National)	18	
No.of Papers in conferences(International)	12	
Professional Memberships	IEEE, ISTE	

Papers published in International Journals

SL No	Title	Year
1	Asok Kumar A., Dr. Bondu G. R., "Analysis of Single Phase Induction Motor and Switched Reluctance Motor with a view of Energy Conservation", International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 1 (2015) pp. 2049- 2065.	2015
2	Asok Kumar A., Dr. Bondu G. R., "Analysis of Single Phase Induction and Switched Reluctance Motor for Domestic Appliances", International Journal of Scientific & Engineering Research, Volume 7, Issue 6, June-2016 pp. 1150-1157 ISSN 2229-5518.	2016
3	Asok Kumar A., Dr. Bondu G. R., "A Comparative Investigation of the Speed Regulation Capabilities	2018

Faculty Profile	of Electric Drives for Domestic and Agricultural Applications", Journal of Control & Instrumentation, ISSN: 2229-6972 (Online), JoCI (2018) 1-10, ISSN: 2347- 7237 (Print) Volume 9, Issue 1.	
4	Asok Kumar, A., Bindu, G.R., Cherian, E. et al. Energy Saving and Economic Analysis of Switched Reluctance Motor in Agricultural Applications. Technol Econ Smart Grids Sustain Energy (Springer) 5, 2 (2020). https://doi.org/10.1007/s40866-019-0075-z	2020

Papers published in National Conferences

SL No	Title	Year
1	Asok Kumar A., Marymol T. Babu, Preetha G., "Fault Tolerant Control of Reusable Launch Vehicle in the Descent Phase Using Model Predictive Controller", 12th National Conference on Technological Trends 19-20 August, 2011, College of Engineering Trivandrum.	2011
2	Asok Kumar A., Kunjumon P. G., "Implementation of Linearized SRM Speed Control Strategy", 13th National Conference on Technological Trends 10-11 August, 2012, College of Engineering Trivandrum.	2012
3	Asok Kumar A., Prthapan N., "Design Optimization of PI Controller Parameters for FOC of Induction Motor with Simulated Annealing and Genetic algorithm", 13th National Conference on Technological Trends 10-11 August, 2012, College of Engineering Trivandrum.	2012
4	Asok Kumar A., Deepu S. R., "Design of Integral Sliding Mode Controller for Decoupled Current Control of Induction Motor Drives" 13th National Conference on Technological Trends 10-11 August, 2012, College of Engineering Trivandrum.	2012
5	Asok Kumar A., Prthapan N., "Digital Sliding Mode Control of Boost Converter Based on Predictive Interpolation", 2nd National Conference on Emerging Technologies-2013, 19-20 July 2013, Bartton Hill Engineering College, Trivandrum.	2013
6	Asok Kumar A., C. K. Sudhir, "Improved Line Tracking on Curved Roads Using Equivalent Input Disturbance Estimation", 2nd National Conference on Emerging Technologies-2013, 19-20 July 2013, Bartton Hill Engineering College, Trivandrum.	2013
7	Asok Kumar A., Lineesh A. S., "Predictive Interpolation Based Digital Sliding Mode Control of DC-DC Power Converters", 14th National Conference on Technological Trends 30-31 August, 2013, College of Engineering Trivandrum.	2013
8	Asok Kumar A., C. K. Sudhir, "Lane Tracking Improvement Using Equivalent Input Disturbance Approach", 14th National Conference on Technological Trends 30-31 August, 2013, College of Engineering Trivandrum.	2013
9	Asok Kumar A., Vineeth S., "Modeling and Speed Control of Switched Reluctance Motor", 15th National Conference on Technological Trends 22-23 August, 2014, College of Engineering Trivandrum.	2014
10	Asok Kumar A., Maya M., "Magnetic Attitude Control of Satellites using Sliding Mode Control", 15th National Conference on Technological Trends 22-23 August, 2014, College of Engineering Trivandrum.	2014
11	Asok Kumar A., Kuriakose T.S., Baby Sebastian, "Integrated Optimal Control of Reusable Launch Vehicle and Actuation System using Linear" 15th National Conference on Technological Trends 22-23 August, 2014, College of Engineering Trivandrum.	2014
12	Asok Kumar A., Sruthi S. "Control Methods of a Flexible Reusable Launch Vehicle; A Performance Comparison", 16th National Conference on Technological Trends 11-12 September, 2015, College of Engineering Trivandrum.	2015
13	Asok Kumar A., Resmi R., "Robust Adaptive Control of Fuel-Cell Boost Converter", 16th National Conference on Technological Trends 11-12 September, 2015, College of Engineering Trivandrum.	2015
14	Asok Kumar A., Chitra M. V., "Robust Control of a Flexible Launch Vehicle Using Quantitative	2015

Faculty Profile	Feedback Theory Approach", 16th National Conference on Technological Trends 11-12 September, 2015, College of Engineering Trivandrum.	
15	Asok Kumar A., Aarya Unni J., "Trajectory Optimization for a Re-entry Vehicle Using Collocation Technique", 16th National Conference on Technological Trends 11-12 September, 2015, College of Engineering Trivandrum.	2015
16	Asok Kumar A., Anusree Rajan, Kavitha C. S., "Controller Design for Swing-Up and Stabilization of a Rotary Inverted Pendulum - A Comparative Study", 17th National Conference on Technological Trends 19-20 August, 2016, College of Engineering Trivandrum.	2016
17	Asok Kumar A., Sunanda Lona C., "Discrete Sliding Mode Control for the Longitudinal Dynamics of a UAV with Minimum Control Surfaces", 17th National Conference on Technological Trends 19-20 August, 2016, College of Engineering Trivandrum.	2016
18	Asok Kumar A., Parvathy M.L., Dr. Bindu G.R., "Three stage commutation technique for Vibration Mitigation in Switched Reluctance Machines", 18th National Conference on Technological Trends, July, 2017, College of Engineering Trivandrum.	2017

Papers published in International Conferences

SL No	Title	Year
1	Asok Kumar A., Dr. Bindu G. R., Dr. Dinesh Gopinath, "Performance Analysis of Single Phase Induction Motor and Switched Reluctance Motor used in Domestic Appliances with a view of Energy Conservation", 11th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, (ECTI-CON 2014), May 14-17, 2014 at Nakhon Ratchasima, Thailand (IEEE).	2014
2	Asok Kumar A., Sruthi S., Sumathy R., Brinda V., "Disturbance Observer Based Control of a Flexible Reusable Launch Vehicle", 2015 International Conference on Control, Communication & Computing India (ICCC), 19-21 November 2015, Trivandrum (IEEE).	2015
3	Asok Kumar A., Chitra M. V., Kapil Kumar Sharma, "Quantitative Feedback Theory Based Robust Control Design for a Flexible Launch Vehicle", 2015 International Conference on Control, Communication & Computing India (ICCC), 19-21 November 2015, Trivandrum (IEEE).	2015
4	Asok Kumar A., Anusree Rajan, Kavitha C. S., "Robust Control Methods for Swing-up and Stabilization of a Rotary Inverted Pendulum", Third International Conference on Emerging Technological Trends (ICETT-2016). 21-22 October 2016, Kollam (IEEE).	2016
5	Asok Kumar A., Dr. Bindu G. R., "Energy Efficient Drive System for Domestic and Agriculture Applications: A Comparative Study of SPIM and SRM Drives", The 19th International Conference on Industrial Technology (ICIT2018), February 20-22, 2018 at Lyon Convention Center, 50 quai Charles de Gaulle 69006 Lyon, France (IEEE).	2018
6	Asok Kumar A., Swathy Mohan V., S. Geetha, Lal Priya P. S., "Discrete Sliding Mode Control Technique applied to Reusable Launch Vehicle", 2018 International CET Conference on Control, Communication, and Computing (IC4), July 05 – 07, 2018, Trivandrum (IEEE).	2018
7	Asok Kumar A., Aswathi C. S., "Sliding Mode Control Strategy for Stabilization of Missile Roll Dynamics", International Conference on Recent Advances in Intelligent Computational Systems (RAICS 2018), December 6-8, 2018 Trivandrum (IEEE).	2018
8	Asok Kumar A., Dr. Bindu G. R., "A Combined Feed Forward-Feedback Strategy for Rotor Eccentricity Control in Switched Reluctance Motor Drive", 2018 8th International Conference on Power and Energy Systems (ICPES 2018), December 20-21, 2018, Colombo, Sri Lanka (IEEE).	2018
9	Dr. Asok Kumar A, Arsha A R , "Analysis of Different Types of Power Factor Correction Converter for Switched Reluctance Motor Drive", 3rd International Conference on Recent Trends in Science and Technology, Organized by GKM College of Engineering & Technology & TECHOWN Chennai, 6th May 2020.	2020
10	Asok Kumar A., Sunanda Lona C., "Discrete Sliding Mode Control for the Lateral Dynamics of a	2016

Faculty Profile

UAV with Minimum control Surfaces", Proceedings of 64th IRF International Conference, 16th October, 2016, Pune, India, ISBN: 978-93-86291-14-1.

81.Name**Dr. Jayasree M S**

Date of Birth

28/05/1966

Gender

Female

Mobile No

9447889891

Faculty Type

PERMANENT

Designation

Associate Professor

Department

Electrical Engineering

Date of Joining in the
Institution

23/11/2005

Qualification(UG)

B.Tech

Qualification(PG)

M.Tech

Qualification(Ph. D)

Ph.D

Total Experience in
years(Teaching)

26Years

Total Experience in
years(Industry)

nil

Total Experience in
years(Research)

Nil

Area of Specialisation

Power Systems

No.of Papers
Published(National)

2

No.of Papers
Published(International)

2

No.of Papers in
conferences(National)

10

No.of Papers in
conferences(International)

1

Professional
Memberships

1

Projects Guided in Master's Level

PROJECTS GUIDED IN MASTER'S LEVEL

Faculty Profile

Area of Specialisation	Power System	
University	Kerala	
Student Name	Project Title	Year
Prathibha	Prathibha s. Babu, JModelling and Control of a wind Turbine with Energy storage	2012
Amal M Krishnan	Classification of Disturbances in Grid Connected DG system using Modular PNN	2015
Parvathy V S	Optimum Resistantance selection Method for Resistive Fault Current Limiter used to restore Original relay Protection Scheme in Presence of Distributed Generation	2013
Emil M K	Power Routing In Wind Turbine Using Line Commutating Converter type HVDC	2015
Jithin	A Low Cost Stand Alone PV System With Improved Reliability	2016
Abhijith K	Transient Recovery voltage Improvement with Bridge Type Solid State Fault Current Limiter	2017
Gopakumar P S	A Hybrid STATCOM With Broad compensation Range and Lower DC- Link Voltage	2017
Parvathy V S	Optimum Allocation ofd Distributed generation and its Impact on Power System Stability	2010

Papers published in National Journals

SL No	Title	Year
1	M.S.Jayasree, Vidya S "Optimum Allocation of Distributed generation and its Impact on Power System Stability", International Conference on Technological Trends August 2011 College of Engineering Trivandrum	2014

Papers published in International Journals


SL No	Title	Year
1	"Optimum Allocation of Distributed generation and its Impact on Power System Stability", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9, Number 16 (2014) pp: 3273-3285	2014
2	M.S.Jayasree, V.S.Parvathy, S.Ramalyer and G.R.Bindu, "Optimum Value for Resistive Fault Current Limiter for Protection of a Power System with Distributed Generation" ECTI Transactions on Computer and Information Technology, Volume.9.No.1.May 2015, pp 37-45	2015
3	M.S. Jayasree, G.R Bindu, and P. Sreejaya, "Multi-Objective Metaheuristic Algorithm for Optimal Distributed Generator Placement and Profit Analysis" Technology and Economics of Smart Grids and sustainable Energy, https://doi.org/10.1007/s40866-019-0067-z , Springer Publications.	2019

Papers published in National Conferences

SL No	Title	Year
1	Prathibha s. Babu, Jayasree M S. "Modelling and Control of a wind Turbine with Energy storage" 12th National conference on Technological Trends (NCTT12) August 2012 College of Engineering Trivandrum	2012
2	Emil N K, Jayasree M S. "Power Routing In Wind Turbine Using Line Commutating Converter type HVDC " 16th National conference on Technological Trends (NCTT15) July 2015 College of Engineering Trivandrum	2015
3	Jithin P G, Jayasree M S " A Low Cost Stand Alone PV System With Improved Reliability" 17th	2016

Papers published in International Conferences

SL No	Title	Year
1	Jayasree M.S.; Parvathy V.S.; Ramalyer S.; Bindu G.R. Determination of optimum resistance for resistive fault Current limiter for protection of a power system with distributed generation" 11th International Conference Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology Telecommunications and Information Technology (ECTI-CON), 2014. May 2014, Pages: 1 -5	2014

82.Name	Jayakumar P	
Date of Birth	21/09/1975	
Gender	Male	
Mobile No	09446129706	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Electrical Engineering	
Date of Joining in the Institution	12/06/2019	
Qualification(UG)	BTech (Electrical & Electronics Engineering)	
Qualification(PG)	MTech (Electrical & Electronics Engineering)	
Qualification(Ph. D)		
Total Experience in years(Teaching)	14.5 Yrs	
Total Experience in years(Industry)	4.5 Yrs	
Total Experience in years(Research)		
Area of Specialisation	Power systems	
No.of Papers Published(National)	1	
No.of Papers Published(International)	1	
No.of Papers in conferences(National)		
No.of Papers in conferences(International)	5	

Projects Guided in Master's Level

Area of Specialisation	Power electronics	
University	APJ Abdul Kalam Technological University	
Student Name	Project Title	Year
NIDHIN MADHUSUDANAN	A SINGLE PHASE BIDIRECTIONAL CONVERTER WITH INTELLIGENT INTERCONNECTION MODULE FOR MULTIPURPOSE APPLICATION OF ELECTRIC VEHICLES	2021
ASWIN S RAVI	GRID ADAPTIVE VEHICLE CHARGING SCHEME	2020
ANEESH J S	UTILISATION OF TERTIARY WINDING FOR POWER QUALITY IMPROVEMENT AND WASTE POWER RECOVERY	2021

Papers published in International Journals

SL No	Title	Year
1	"Power quality improvement utilizing neutral current in distribution systems," International Transactions on Electrical Energy Systems, 2020 Nov, 18:e12703.DOI: 10.1002/2050-7038.12703 Online ISSN:2050-7038. © John Wiley & Sons Ltd.	2020

Papers published in International Conferences

SL No	Title	Year
1	"More realistic Approximate LV Feeder model for quick decision on PV interconnection requests," IEEE PEDES 2016, IEEE International conference on power electronics, drives and energy systems, Trivandrum, India, December 2016, 14–17.	2016
2	"Modeling of Power Distribution Feeder and Analysis of Small PV Plant Penetration in Kerala Low Voltage Distribution System," ICUE 2016, International Conference on Cogeneration, Small Power Plants and District Energy, BITEC, Bangkok, Thailand, September 2016, 14–16.	2016

83.Name John Prakash Joseph



Date of Birth 04/07/1973

Gender Male

Mobile No 9495502400

Faculty Type PERMANENT

Designation Associate Professor

Department Electrical Engineering

Date of Joining in the 15/07/1999

**Institution
Faculty Profile**

Qualification(UG)	B.Tech Electrical and Electronics Engineering
Qualification(PG)	M.Tech Computer Science and Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	3
Total Experience in years(Research)	0
Area of Specialisation	VLSI, Machine Learning
No.of Papers Published(National)	2
No.of Papers Published(International)	0
No.of Papers in conferences(National)	0
No.of Papers in conferences(International)	0
Professional Memberships	Member ISTE

84.Name **Mabel Ebenezer**

Date of Birth	15/03/1972
Gender	Female
Mobile No	+919447427664
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electrical Engineering
Date of Joining in the Institution	20/06/2002
Qualification(UG)	B, Tech(Electrical & Electronics)

Qualification(PG) M. Tech (Power Systems)

Faculty Profile	
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	Power Systems
No.of Papers Published(National)	1
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	2
Professional Memberships	1

Projects Guided in Master's Level

Area of Specialisation	Power System	
University	APJAKTU	
Student Name	Project Title	Year
SANJAY VARGHESE JOHN	RELAY COORDINATION IN DG INTEGRATED SYSTEM	2020
HIBA JASMIN	STUDY AND COMPARISON OF LOSS CALCULATION METHODS FOR POWER MODULES IN INVERTER APPLICATIONS	2021

Papers published in National Journals

SL No	Title	Year
1	Mabel Ebenezer, M. R. Rajkumar and P. S. Chandramohanan Nair, "Determination of hot spot temperature of a single phase transformer subjected to harmonic pollution", Journal of The Institution of Engineers (India): Series B: Volume 93, Issue 3, pp. 143-149, January 2013, Springer, USA.	2013

Papers published in International Journals

SL No	Title	Year
1	Mabel Ebenezer, M. R. Rajkumar and P. S. Chandramohanan Nair, "Harmonic impact on the hot spot temperature of a distribution transformer", Electric Power Components and Systems, Vol. 43, No. 20, pp. 2251 – 2261, October 2015 Taylor and Francis, UK. International	2015

2	Mabel Ebenezer, M. R. Rajkumar and P. S. Chandramohanan Nair, "Determination of hot spot	2013
---	--	------

Faculty Profile

temperature of a single phase transformer subjected to harmonic pollution", Journal of The Institution of Engineers (India): Series B: Volume 93, Issue 3, pp. 143-149, January 2013, Springer, USA.

Papers published in International Conferences

SL No	Title	Year
1	Mabel Ebenezer, M. R. Rajkumar and P. S. Chandramohanan Nair, "Determination of temperature distribution and reduction of life of a dry type three phase transformer", 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials (ICPADM), Bangalore, India, July 24 -28, 2012.	2012
2	Mabel Ebenezer and P. S. Chandramohanan Nair, "Determination of winding temperature of a distribution transformer using soft computing techniques", 2010 Joint International Conference on Power Electronics, Drives and Energy Systems (PEDES) & 2010 Power India, New Delhi, India, December 20-23, 2010.	2010

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Renewable Energy and PE for Industrial Drives Applications-Phase I	15-04-2021 to 21-
2	EV Motor Drives- PE, Control strategies and Implementation	07-06-2021 to 17-

Positions Held

SL No	Details	Period
1	Assistant Professor	01-06-1999 to 17-
2	Associate Professor	18-03-2019 to till c

85.Name**SAINA DEEPTHI**

Date of Birth

14/05/1974

Gender

Female

Mobile No

9447454954

Faculty Type

PERMANENT

Designation

Associate Professor

Department

Electrical Engineering

Date of Joining in the Institution

19/05/2021

Qualification(UG)

B.Tech Electrical& Electronics

Faculty Profile	
Qualification(PG)	M.E Power Systems
Qualification(Ph. D)	
Total Experience in years(Teaching)	21
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	10
Area of Specialisation	Power Systems
No.of Papers Published(National)	1
No.of Papers Published(International)	
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	4
Professional Memberships	ISTE, SEEM

86.Name **Shenil P S**



Date of Birth	30/05/1974
Gender	Male
Mobile No	9495386544
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electrical Engineering
Date of Joining in the Institution	20/02/2008
Qualification(UG)	B. Tech
Qualification(PG)	M. Tech
Qualification(Ph. D)	Ph. D

Total Experience in 14

years(Teaching)

Faculty Profile

Total Experience in
years(Industry) 5

Total Experience in
years(Research)

Area of Specialisation Instrumentation Engineering

No.of Papers
Published(National)

No.of Papers
Published(International) 3

No.of Papers in
conferences(National)

No.of Papers in
conferences(International) 8

Professional
Memberships

Papers published in International Journals

SL No	Title	Year
1	P. S. Shenil and B. George, "Non-Intrusive AC Voltage Measurement Unit Utilizing the Capacitive Coupling to the Power System Ground," in IEEE Transactions on Instrumentation and Measurement, doi: 10.1109/TIM.2020.3044757.	2021
2	P. S. Shenil and B. George,	2020
3	P. S. Shenil and B. George, "Development of a Nonintrusive True-RMS AC Voltage Measurement Probe," in IEEE Transactions on Instrumentation and Measurement, vol. 68, no. 10, pp: 3899-3906, Oct. 2019, doi: 10.1109/TIM.2019.2916959.	2019

Papers published in International Conferences

SL No	Title	Year
1	J. S. Sreelekshmi, M. S. Navin and P. S. Shenil, "Guidance with Supersonic Retro propulsion for Mars Pinpoint Landing, " Proc. of IEEE International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, Tamil Nadu, India, 2019, pp: 1-6, doi: 10.1109/ICCCI.2019.8822162.	2019
2	P. S. Shenil and B. George, "An Auto-Balancing Scheme for Non-Contact AC Voltage Measurement," Proc. of IEEE 9th International Workshop on Applied Measurements for Power Systems (AMPS), Bologna, Italy 2018, pp:. 1-5, doi: 10.1109/AMPS.2018.8494863.	2018
3	P. S. Shenil and B. George, "An efficient digitizer for non-intrusive ac voltage measurement," Proc. of IEEE International Instrumentation and Measurement Technology Conference (I2MTC), Turin, Italy, 2017, pp:. 1-6, doi: 10.1109/I2MTC.2017.7969807.	2017
4	P. S. Shenil, R. Arjun and B. George, "Feasibility study of a non-contact AC voltage measurement system," Proc. of IEEE International Instrumentation and Measurement Technology Conference (I2MTC), Pisa, Italy, 2015, pp: 399-404, doi: 10.1109/I2MTC.2015.7151301.	2015
5	P. S. Shenil and B. George, "A PC based hysteresis loop extractor and its applications," Proc. of IEEE 3rd International Conference on Instrumentation Control and Automation (ICA), Bali, Indonesia, 2013, pp: 51-56, doi: 10.1109/ICA.2013.6734045.	2013
6	V. P. Vishal and P. S. Shenil, "PMU Based Realtime Fault Detection Algorithm for Transmission Line	2021

Faculty Profile	Faults," 2021 Fourth International Conference on Electrical, Computer and Communication Technologies (ICECCT), 2021, pp. 1-5, doi: 10.1109/ICECCT52121.2021.9616969.	
7	A. Jose, A. Pachath, A. Rajesh, P. Chandhan and P. S. Shenil, "FPGA Based Novel Architecture for Real-time Video Stitching," 2021 Innovations in Power and Advanced Computing Technologies (i-PACT), 2021, pp. 1-7, doi: 10.1109/i-PACT52855.2021.9697035.	2021
8	A. M. and S. P. S., "Novel Regenerative Braking Controllers for Electric Vehicle Driven by BLDC Motor," 2021 Fourth International Conference on Electrical, Computer and Communication Technologies (ICECCT), 2021, pp. 1-6, doi: 10.1109/ICECCT52121.2021.9616660.	2021

Awards Received


SL No	Title	Organisation
1	Best hardware project award for M.Tech -2013 from IIT Madras	IIT Madras

Patents/Grants Fetched

SL No	Patent	Grant
1	P. S. Shenil and Bobby George, "An Instrumentation System With a Fully Non - Intrusive Probe for AC Voltage Measurement", I P Application No. 202041053254, Date: 07/12/2020	

Positions Held

SL No	Details	Period
1	Assistant Professor	20/02/2008 to 19/02/2019
2	Associate Professor	20/02/2019 onwards

87.Name	Sreeja S	
Date of Birth	02/05/1981	
Gender	Female	
Mobile No	09447906670	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Electrical Engineering	
Date of Joining in the Institution	04/05/2018	
Qualification(UG)	B. Tech Electrical & Electronics Engineering	
Qualification(PG)	M. Tech Guidance and Navigation Control	

Faculty Profile	
Qualification(Ph. D)	Ph. D Aerospace Engineering
Total Experience in years(Teaching)	15
Total Experience in years(Industry)	
Total Experience in years(Research)	3
Area of Specialisation	Guidance and Navigation Control
No.of Papers Published(National)	1
No.of Papers Published(International)	2
No.of Papers in conferences(National)	12
No.of Papers in conferences(International)	9
Professional Memberships	IEEE, IET, AeSI, SSI, SPIE, AIAA

88.Name **AKHIL I R**



Date of Birth	12/04/1988
Gender	Male
Mobile No	9446154235
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electrical Engineering
Date of Joining in the Institution	08/12/2021
Qualification(UG)	B.TECH (ELECTRICAL & ELECTRONICS ENGG)
Qualification(PG)	M.TECH (INDUSTRIAL DRIVES AND CONTROL)
Qualification(Ph. D)	

Total Experience in 5

years(Teaching)

Faculty Profile

Total Experience in
years(Industry) 4

Total Experience in
years(Research)

Area of Specialisation

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National) 1

No.of Papers in
conferences(International) 1


Professional
Memberships

Papers published in International Conferences

SL No	Title	Year
1	Modified Direct Torque Control scheme for PMSM: International Conference on Power Electronic Drives and Energy Systems	2012

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	APPLICATION FOR ELECTRIC AND HYBRID VEHICLES: SCOPE AND CHALLENGES	6 DAYS

89.Name	ANJANA S	
Date of Birth	21/01/1990	
Gender	Female	
Mobile No	9497059210	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Electrical Engineering	
Date of Joining in the Institution	14/12/2021	
Qualification(UG)	B.TECH (ELECTRICAL AND ELECTRONICS)	

Qualification(PG) M.TECH (INSTRUMENTATION AND CONTROL SYSTEMS)

Faculty Profile
Qualification(Ph. D)

Total Experience in years(Teaching)	02
-------------------------------------	----

Total Experience in years(Industry)	04
-------------------------------------	----

Total Experience in years(Research)	
-------------------------------------	--

Area of Specialisation	CONTROL SYSTEMS
------------------------	-----------------

No.of Papers Published(National)	
----------------------------------	--

No.of Papers Published(International)	
---------------------------------------	--

No.of Papers in conferences(National)	
---------------------------------------	--

No.of Papers in conferences(International)	
--	--

Professional Memberships	
--------------------------	--

90.Name	Anu A G
----------------	----------------



Date of Birth	30/05/1981
---------------	------------

Gender	Female
--------	--------

Mobile No	9447661826
-----------	------------

Faculty Type	PERMANENT
--------------	-----------

Designation	Assistant Professor_Regular
-------------	-----------------------------

Department	Electrical Engineering
------------	------------------------

Date of Joining in the Institution	21/10/2011AN
------------------------------------	--------------

Qualification(UG)	B.Tech in Electrical & Electronics Engineering
-------------------	--

Qualification(PG)	M.Tech in Power Systems
-------------------	-------------------------

Qualification(Ph. D)	pursuing Ph.D
----------------------	---------------

Total Experience in	18 years
---------------------	----------

years(Teaching)

Faculty Profile

Total Experience in years(Industry)	0
Total Experience in years(Research)	5
Area of Specialisation	Power Systems
No.of Papers Published(National)	1
No.of Papers Published(International)	0
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	3
Professional Memberships	ISTE

Projects Guided in Master's Level

Area of Specialisation	Power Systems	
University	KTU	
Student Name	Project Title	Year
Annie B V	Stability analysis of DC Microgrid with Hybrid energy storage systems	2021
Muhammed Afeef C T	Controller Design of power converter for PV based Microgrid using sliding mode controller	2021
Anjali Ramachandran	Control of DC Microgrid using Fuzzy logic Controller	2020
Salabha K S	Solar powered PMSM Drive for air compressors	2019
Aswathi C K	COMPARATIVE STUDY OF ISOLATED THREE PORT BIDIRECTIONAL LCL RESONANT DC-DC CONVERTER WITH BIDIRECTIONAL COUPLED INDUCTOR DC-DC CONVERTER	2018
SUPARNA V R	ENHANCEMENT OF PERFORMANCE OF HVDC TRANSMISSION SYSTEM USING BUCK BOOST INVERTER	2018
ANU MARIYA V	DELTA MODULATED AC-AC CONVERTER FOR FREQUENCY CONVERSION IN WIND ENERGY CONVERSION SYSTEM	2018
DHANYA P S	Stand-alone Solar PV Array fed Water Pumping System Driven by BLDC Motor	2018

Papers published in National Journals

SL No	Title	Year
1	Control and Power Management Strategy of Shunt DC electric spring integrated DC microgrid (accepted), in Distributed Generation and Alternative Energy Journal	2022

Papers published in International Conferences


SL No	Title	Year
1	Power Quality Enhancement of DC Micro-grid Using DC Electric Spring ,Lecture Notes in Electrical	2019

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Hands On Workshop on Internet of Thingsfor Electrical Applications	16/7/2018 to 21/7/2018
2	Electrical System Design: New Trends	21/01/2019 to 26/01/2019
3	Large Scale Renewable Integration: A Perspective on Power System Stability	8/4/2019 to 12/4/2019
4	Modern Trends in Power Electronics and Drives	01st - 14th July 2019
5	Transition to Online Facilitation	06/05/2020 to 30/05/2020
6	Emerging Trends in Power Systems	14-09-2020 to 18-09-2020

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsoring Agency
1	Advances in High voltage Engineering	2016,DTE

91.Name	Anu G	
Date of Birth	11/03/1983	
Gender	Female	
Mobile No	9946940844	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Electrical Engineering	
Date of Joining in the Institution	03/06/2013	
Qualification(UG)	B tech in Electrical and Electronics Engineering	
Qualification(PG)	M tech in Power Systems	
Qualification(Ph. D)		
Total Experience in years(Teaching)	13.5	
Total Experience in years(Industry)	1	
Total Experience in years(Research)		
Area of Specialisation	Power Quality	

Faculty Profile

No.of Papers

Published(National)

No.of Papers 1

Published(International)

No.of Papers in
conferences(National)

No.of Papers in 1

conferences(International)

Professional
Memberships**92.Name ARUN RAJ N**

Date of Birth 26/03/1990

Gender Male

Mobile No 8281596253

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the
Institution 14/12/2021

Qualification(UG) B TECH

Qualification(PG) M TECH

Qualification(Ph. D)

Total Experience in
years(Teaching) 7Total Experience in
years(Industry)Total Experience in
years(Research)

Area of Specialisation POWER ELECTRONICS

No.of Papers
Published(National)

No.of Papers

Published(International)
Faculty Profile

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

93.Name **BINDU V R**



Date of Birth 10/04/1979

Gender Female

Mobile No 9447113506

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the
Institution 05/06/2014

Qualification(UG) BTech

Qualification(PG) MTech

Qualification(Ph. D)

Total Experience in
years(Teaching) 7.5

Total Experience in
years(Industry) 5

Total Experience in
years(Research)

Area of Specialisation ELECTRICAL MACHINES

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National) 5

No.of Papers in
conferences(International)

Professional
Memberships

Faculty Profile

94.Name **Deepa M U**



Date of Birth	17/05/1984
Gender	Female
Mobile No	09946184969
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electrical Engineering
Date of Joining in the Institution	05/05/2018
Qualification(UG)	B.Tech
Qualification(PG)	M.Tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	11
Total Experience in years(Industry)	0
Total Experience in years(Research)	
Area of Specialisation	Industrial Drives and Control
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	4
Professional Memberships	

95.Name **Hari Kumar R**



Faculty Profile



Date of Birth	31/05/1974
Gender	Male
Mobile No	09446707870
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electrical Engineering
Date of Joining in the Institution	29/07/2016
Qualification(UG)	BE
Qualification(PG)	MTech (Power Systems)
Qualification(Ph. D)	Electrical Engineering
Total Experience in years(Teaching)	19 Years 6 Months
Total Experience in years(Industry)	6 Years
Total Experience in years(Research)	9 Years
Area of Specialisation	Power System
No.of Papers Published(National)	0
No.of Papers Published(International)	3
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	30
Professional Memberships	ISTE/IEEE

Papers published in International Journals

SL No	Title	Year
1	"Fuzzy-Based Intelligent Algorithm for Diagnosis of Drive Faults in Induction Motor Drive System," Arabian Journal for Science and Engineering, vol. 45, no. 3, pp. 1385–1395, May 2019.	2019

Faculty Profile	contingency,"Bulletin of The Polish Academy of Sciences-technical Sciences,vol. 67, pp. 871–881, 2019.	
3	"A novel control strategy for autonomous operation of isolated microgrid with prioritized loads," Journal of The Institution of Engineers (India): Series B, vol. 99, no. 4, pp. 323-330, 2018	2018

96.Name	HASEENA A	
Date of Birth	14/05/1980	
Gender	Female	
Mobile No	09746160126	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Electrical Engineering	
Date of Joining in the Institution	2/08/2021	
Qualification(UG)	B.Tech ELECTRICAL AND ELECTRONICS	
Qualification(PG)	M.Tech	
Qualification(Ph. D)		
Total Experience in years(Teaching)	15	
Total Experience in years(Industry)	0.5 years	
Total Experience in years(Research)		
Area of Specialisation	power electronics	
No.of Papers Published(National)	0	
No.of Papers Published(International)	0	
No.of Papers in conferences(National)	0	
No.of Papers in conferences(International)	2	

Professional	ISTE
--------------	------

97.Name **Lekshmi Mohan**



Date of Birth 02/09/1986

Gender Female

Mobile No 08281454105

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the
Institution 12/07/2019

Qualification(UG) B.Tech in EEE

Qualification(PG) M.Tech in Electrical Engineering

Qualification(Ph. D) PhD in Electrical Engineering

Total Experience in
years(Teaching) 8

Total Experience in
years(Industry) 1

Total Experience in
years(Research)

Area of Specialisation High Voltage Engineering

No.of Papers
Published(National) 0

No.of Papers
Published(International) 5

No.of Papers in
conferences(National) 4

No.of Papers in
conferences(International) 4

Professional
Memberships

Faculty Profile

98.Name **Monish M**



Date of Birth 13/03/1986

Gender Male

Mobile No 9447736688

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the Institution 11/06/2019

Qualification(UG) B.Tech

Qualification(PG) M.Tech

Qualification(Ph. D)

Total Experience in years(Teaching) 12

Total Experience in years(Industry)

Total Experience in years(Research)

Area of Specialisation Power Electronics and Drives

No.of Papers Published(National)

No.of Papers Published(International) 2

No.of Papers in conferences(National) 2

No.of Papers in conferences(International) 2

Professional Memberships ISTE

99.Name **PRAJEESH P PRABHAKARAN**



Faculty Profile	
Date of Birth	04/05/1990
Gender	Male
Mobile No	7907312448
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electrical Engineering
Date of Joining in the Institution	10/01/2022
Qualification(UG)	B.TECH IN ELECTRICAL AND ELECTRONICS ENGINEERING
Qualification(PG)	M.TECH IN CONTROL SYSTEMS
Qualification(Ph. D)	
Total Experience in years(Teaching)	
Total Experience in years(Industry)	6
Total Experience in years(Research)	
Area of Specialisation	CONTROL SYSTEMS
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	1
Professional Memberships	

100.Name **PRAJEESH P PRABHAKARAN**



Date of Birth 04/05/1990


Gender Male

Mobile No 7907312448

Faculty Profile	
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electrical Engineering
Date of Joining in the Institution	10/01/2022
Qualification(UG)	B.TECH IN ELECTRICAL AND ELECTRONICS ENGINEERING
Qualification(PG)	M.TECH IN CONTROL SYSTEMS
Qualification(Ph. D)	
Total Experience in years(Teaching)	
Total Experience in years(Industry)	6
Total Experience in years(Research)	
Area of Specialisation	CONTROL SYSTEMS
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Positions Held

SL No	Details	Period
1	SENIOR SECTION ENGINEER IN INDIAN RAILWAYS	2015-2021

101.Name	Praveen S Babu	
Date of Birth	18/05/1985	
Gender	Male	

Faculty Profile	
Mobile No	09447623015
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electrical Engineering
Date of Joining in the Institution	29/11/2021
Qualification(UG)	B.Tech in Electrical and Electronics ENgineering
Qualification(PG)	MTech COnrol Systems
Qualification(Ph. D)	Ph. D
Total Experience in years(Teaching)	9
Total Experience in years(Industry)	1.5
Total Experience in years(Research)	3
Area of Specialisation	Control System
No.of Papers Published(National)	
No.of Papers Published(International)	3
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	3
Professional Memberships	ISTE

Papers published in International Journals

SL No	Title	Year
1	Robust nonovershooting tracking controller for descriptor systems, European Journal of Control volume 43, 57-63,2018	2018
2	Robust nonovershooting tracking control for fractional-order systems, International Journal of Robust and Nonlinear Control volume 29 , 3841-3858,2019.	2019
3	Robust output regulation for state feedback descriptor systems with nonovershooting behavior, volume 52, European Journal of Control 19-25, 2020.	2020

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Introduction to Machine learning and Deep Learning with Applications to Engineering by IIT Bombay May 13-17, 2019	5
2	System Identification and Parameter Estimation by College of Engineering Trivandrum Dec 9- 13,	6

Faculty Profile	2019	
3	Image Processing With Python by College of Engineering Trivandrum Jan 6- 11 2020	6
4	(Online)Workshop on Robotic Operating System by RAS chapter IEEE Kerala Section 14-20 May 2020	6
5	(Online)Workshop on Machine Learning by RAS chapter IEEE Kerala Section 27-30 July 2020	4
6	(Online)Introduction to Machine Learning by GEC Palakkad 14-18 September 2020	5
7	(Online)Research Trends and Advances in The Navigation and control of unmanned aerial vehicles by College of Engineering Trivandrum 22-27 March, 2021	6
8	(Online)State of the Art Technologies in EV Control by GEC Palakkad 3-5 March 2021	3
9	(Online) Robotics – Modeling, Planning and Control Phase I by GEC Palakkad 15-21 March 2021	6
10	(Online) EV Motor Drives Power Electronics Control strategies and Implementatio by Rajiv Gandhi Institute of Technology Kottayam 7-17 June 2021	11
11	(Online) Introduction to ROS Robotic Operatingsystem by GEC Wayanad 14-19 September 2021	6
12	(Online) Machine Learning for Engineering Applications 20-22 CET December 2021	3
13	(Online) Electric & Hybrid Vehicles: Scope and Challenge by GECl 10-15 Jan 2022	6
14	(Online) Deep Learning for computer vision by Rajiv Gandhi Institute of Technology Kottayam 31January- 5 February 2022	6

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Workshop on Python Programming from 13-14 August 2019 for EEE students of GEC Palakkad	13-14 August 201
2	Online Workshop on Introduction to Digital Signal Processor and its applications from 24-25/9/2021 for final year B Tech and M Tech EEE students of GEC Bartonhill	24-25/9/2021,TEC
3	Online Faculty Development Programme on Robust Control Systems at GEC Bartonhill Trivandrum from 26/4-2021 to 1/5/2021	26/4-2021 to 1/5/2
4	Online Workshop on Real Time Implementation of Controllers using MATLAB/SIMULINK 1-2/10/2021 for final year B Tech and M Tech EEE students of GEC Bartonhill	1-2/10/2021,TEQI

Positions Held

SL No	Details	Period
1	TEQIP Procurement coordinator GECP	2019-2020
2	Series co-ordinator EE GECP	2019-2020
3	Chairman question paper scrutiny committee GECP	2019-2020
4	Department FDP co-ordinator GECP	2019-2020
5	M TEch staff advisor M Tech PED (2021-23) Batch GEC Bartonhill Trivandrum	2020-21
6	KTU Coordinator GEC bartonhill Trivandrum	2020-21
7	EE Project Lab in charge CET	2021-22
8	M TEch staff advisor M Tech Guidance and Navigation Control (2022-23) Batch CET	2021-22

Expert Talks Delivered

Expert Talks Delivered

Faculty Profile

SL No	Title	Year
1	On some scientific companions available for an engineering student" for first year student induction training programme at GEC Palakkad	1/8/2019
2	A two day Workshop on Introduction To MATLAB for all branches organized by ASME students chapter GEC Bartonhill Trivandrum on 11-12/9/2021	11-12/9/2021

102.Name **ROYKUMAR M.**



Date of Birth	31/05/1972
Gender	Male
Mobile No	9746432357
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electrical Engineering
Date of Joining in the Institution	16/07/2003
Qualification(UG)	B.Tech in Electrical & Electronics Engineering
Qualification(PG)	M.Tech in Power Systems
Qualification(Ph. D)	
Total Experience in years(Teaching)	21 years
Total Experience in years(Industry)	2 years
Total Experience in years(Research)	
Area of Specialisation	Power Systems
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	6

No.of Papers in

Professional
Memberships

103.Name **Sabir V E**


Date of Birth 15/11/1989

Gender Male

Mobile No 9895663086

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the
Institution 08/12/2021

Qualification(UG) B.Tech

Qualification(PG) M. Tech Electrical & Electronics

Qualification(Ph. D)

Total Experience in
years(Teaching) 1

Total Experience in
years(Industry) 7

Total Experience in
years(Research)

Area of Specialisation Power Electronics

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

Faculty Profile

104.Name SaminaT



Date of Birth 21/05/1974

Gender Female

Mobile No +919497764785

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the Institution 02/07/2016

Qualification(UG) B Tech

Qualification(PG) M Tech

Qualification(Ph. D)

Total Experience in years(Teaching) 19

Total Experience in years(Industry) 2

Total Experience in years(Research) Nil

Area of Specialisation Power Systems

No.of Papers Published(National) 0

No.of Papers Published(International) 4

No.of Papers in conferences(National) 5

No.of Papers in conferences(International) 5

Professional Memberships nIL

Papers published in International Journals

SL No	Title	Year
-------	-------	------

1	1. Predictive Direct Torque Control of a Rotor-Side Matrix Converter Driven Grid Connected DFIG	2022
---	---	------

Faculty Profile	with Torque and Flux Ripples Minimization Criterion. Artificial Intelligence, Signal Processing and Mechatronics for Smart Energy Systems Inder Science Publishers,Midhun S S, Samina T
------------------------	---

2	Application of Dynamic Voltage Restorer for Enhancing low voltage Ride-Through capability of Doubly Fed Induction Generator.International Journal of Engineering and Advanced Technology (IJEAT) Samina.T, A.Bisharathu Beevi,S.Rama Iyer.	2020
---	--	------

Papers published in National Conferences

SL No	Title	Year
1	Nithin A,T Samina , MPPT for a Grid Connected Doubly Fed Induction Generator Using Rotor Side Control Considering Different Modes of Operation for Wind Power Application. NCTT,2015	2015
2	Sugath S Kumar,Samina T Modelling & Simulation of Grid Conneced Doubly fed induction generator ,EPEC 2014,GEC Idukki	2014

Papers published in International Conferences

SL No	Title	Year
1	T.Samina. A.Bisharathu Beevi, S Ramalyer "Fault & Torque Harmonic Analysis of Vector Controlled Doubly Fed Induction Generator in Wind Power System." International Conference on Advances in Renewable Energy and Green Technology ICARE 2019, VIT Vellore, India – August 2019	2019
2	T.Samina, A.Bisharathu Beevi, S Ramalyer " Rotor Side Control for Improving the Transient Response of Doubly Fed Induction Generator in Wind Power System" International Conference on Technological Advancements in Power and Energy 2017 IEEE , TAP Energy 2017,India	2017
3	T.Samina, A.Bisharathu Beevi, S Ramalyer "Dynamic Behavior of Wind driven Doubly Fed Induction Generator with Rotor side control for wind power application". International Conference on Energy Communication ,Data Analysis, and Soft Computing IEEE -ICECDS –SKR-2017, India	2017
4	2. T.Samina, S.Nithin, S Ramalyer " A Novel Control Strategy for Operating Grid Connected Doubly Fed Induction Generators Under Unbalanced Grid Voltage " International conference on Control, Communication and Computing, 2015 IEEE ICCCC,India	2015
5	1. T.Samina, S Ramalyer " Performance Analysis of Doubly Fed Induction Generator for Wind Power Generation" National Conference on Energy Conservation and Management, NATCON 2014, BJI Kollam	2014
6	Drisy V,T Samina, Supply voltage boosting using a floating capacitor bridge in a 3 level space vector modulated inverter system for an open-end winding induction motor drive IEEE RAICS,2015	2015

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Electric & Hybrid Vehicles: Scope and Challenges"	six days (10.1.22
2	Electrical Drives,Simulation and Hard ware implementation	6 days(15-01-18 t
3	Design and Hardware Implementation of Power Electronics Circuits	6 days(08-01-18 t
4	Document Preparation using LATEX	Six days(07-11-16
5	Power Industry Familiarization Program	3 days(08-02-16 t
6	Recent Advances in High Voltage Engineering	5 days(04-01-16 t

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
-------	-------	-----------------

105.Name SOHAN PLACID JOHN

Date of Birth 17/03/1982

Gender Male

Mobile No 08281803357

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the
Institution 13/06/2019

Qualification(UG) B.Tech in EEE

Qualification(PG) M.Tech in Electrical Engineering

Qualification(Ph. D)

Total Experience in
years(Teaching) 8Total Experience in
years(Industry) 5Total Experience in
years(Research)

Area of Specialisation Industrial Power and Automation

No.of Papers
Published(National)No.of Papers
Published(International)No.of Papers in
conferences(National)No.of Papers in
conferences(International)Professional
Memberships

Faculty Profile

106.Name **SREEDEVI G**

Date of Birth 16/02/1980

Gender Female

Mobile No 9497489912

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the
Institution 05/06/2014

Qualification(UG) B Tech-ELECTRICAL AND ELECTRONICS ENGINEERING

Qualification(PG) M Tech POWER SYSTEMS

Qualification(Ph. D)

Total Experience in
years(Teaching) 9Total Experience in
years(Industry) 3.7Total Experience in
years(Research)

Area of Specialisation POWER SYSTEMS

No.of Papers
Published(National) 2No.of Papers
Published(International)No.of Papers in
conferences(National) 1No.of Papers in
conferences(International)Professional
Memberships ISTE

107.Name **VIDYA M S**

Faculty Profile



Date of Birth	15/04/1981
Gender	Female
Mobile No	9446206921
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electrical Engineering
Date of Joining in the Institution	25/08/2008
Qualification(UG)	B-Tech(Electrical and Electronics)
Qualification(PG)	M-Tech(Powersystems)
Qualification(Ph. D)	
Total Experience in years(Teaching)	14
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	Powersystems
No.of Papers Published(National)	1
No.of Papers Published(International)	2
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	4
Professional Memberships	IEEE,ISTE


Projects Guided in Master's Level

Area of Specialisation	Powersystems	
University	KTU	
Student Name	Project Title	Year
Abdul Jaleel	Protection scheme for power transmission lines considering the presence of non-linear loads	2019

Faculty Profile Vishnu Chandran	Micro-grid frequency control by coordination of EVs in a Charging Station	2021
---	---	------

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Recent advances in condition monitoring of power equipment	6 days
2	Recent advances in computational electromagnetics and signal processing tools for Highvoltage applications	5 days
3	Performance improvement in smart grid using Artificial intelligence Techniques	6days
4	Electrical System Design: New trends	6days
5	Hands-on Workshop on Internet of things for Electrical applications	6days
6	Sponsored research:Opportunities and empowerment	5days

108.Name	VIJAYASREE G	
Date of Birth	29/08/1969	
Gender	Female	
Mobile No	9495940470	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Electrical Engineering	
Date of Joining in the Institution	02/07/2016	
Qualification(UG)	BTech	
Qualification(PG)	ME	
Qualification(Ph. D)		
Total Experience in years(Teaching)	8	
Total Experience in years(Industry)	3	
Total Experience in years(Research)		
Area of Specialisation	Power Electronics and Drives	
No.of Papers Published(National)		
No.of Papers Published(International)	1	
No.of Papers in	1	

conferences(National)

Faculty Profile

No.of Papers in
conferences(International)

1

Professional
Memberships

109.Name **Vinod V**



Date of Birth 05/09/1979

Gender Male

Mobile No 9446107586

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the
Institution 04/07/2019

Qualification(UG) Btech

Qualification(PG) ME

Qualification(Ph. D) PhD

Total Experience in
years(Teaching) 14.5

Total Experience in
years(Industry) 3

Total Experience in
years(Research) 1

Area of Specialisation Power system

No.of Papers
Published(National) 0

No.of Papers
Published(International) 3

No.of Papers in
conferences(National) 1

No.of Papers in
conferences(International) 6

Professional IEEE

Papers published in International Journals

SL No	Title	Year
1	Implementation of Support-Vector-Machine-Based Relay Coordination Scheme for Distribution System With Renewables IEEE Journal of Emerging and Selected Topics in Industrial Electronics	2020
2	New protection scheme for maintaining coordination time interval among relay pairs in micro-grid by employing centralised master controller IET Gener., Transmiss. Distrib.	2020
3	Design and implementation of an adaptive relay based on curve-fitting technique for micro-grid protection International Journal of Emerging Electric Power Systems	2021

Expert Talks Delivered

SL No	Title	Year
1	Energy Conservation and Management	2016
2	A newly developed power system simulation software-load flow analysis	2020
3	Hardware Realization of a Support Vector Machine Based Relay for Micro-grid Protection	2021
4	Practical Session on PSCAD	2021

110.Name Vivek R S



Date of Birth 29/09/1985

Gender Male

Mobile No 9947500011

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the Institution 01/07/2019

Qualification(UG) B.Tech

Qualification(PG) M.Tech, MBA

Qualification(Ph. D)

Total Experience in 8 years and 2 Months

years(Teaching)
Faculty Profile

Total Experience in
years(Industry) 3 Years

Total Experience in
years(Research)

Area of Specialisation Electronic Systems Engineering

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International) 3

Professional
Memberships

111.Name Zubin J B



Date of Birth 03/04/1986

Gender Male

Mobile No 9497425258

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electrical Engineering

Date of Joining in the
Institution 15/01/2016

Qualification(UG) B.Tech in Electrical and Electronics Engineering

Qualification(PG) M.Tech in Power and Energy Systems

Qualification(Ph. D)

Total Experience in
years(Teaching) 8

Total Experience in
years(Industry) 2

Total Experience in

Area of Specialisation	Microgrid, Energy Management, Soft Computing Techniques
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	1
Professional Memberships	IEEE, IEEE-PES, IET, IEI, ISTE

Projects Guided in Master's Level

Area of Specialisation	Renewable Energy, AI	
University	KTU	
Student Name	Project Title	Year
Arjun M	Modified MPPT for PV arrays under partial shading conditions	2018
Kavya Karat	Energy Management in a Networked Microgrid with ESS and having Day Ahead Energy Market	2019
Sandeep T H	LLC Resonant Converter with Two Transformers For Onboard Charger	2019
Bhavya K Balan	Protection of DC Microgrids Using Wavelet Transforms and Artificial Neural Networks	2020
Bhumireddy Rajasekhar Reddy	Model Predictive Control of Plug in Hybrid Electric Vehicles for Frequency Regulation in Smart Grid	2021

Papers published in International Journals

SL No	Title	Year
1	2. Optimal Load Scheduling Within a Microgrid Including Reliability Aspects by Zubin Japa Balan and Prabodh Bajpai International Journal of Smart Grid and Clean Energy, 2, no.3, pp. 343-349 (2013)	2013

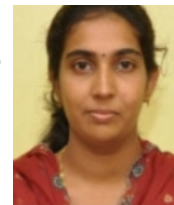
Papers published in International Conferences

SL No	Title	Year
1	1. Artificial Neural Network Based Hybrid MPPT for Photovoltaic Modules: Conference: 2018 International CET Conference on Control, Communication, and Computing (IC4) by Arjun M and Zubin J B	2018

Faculty Profile

Date of Birth	04/01/1996
Gender	Female
Mobile No	9497218748
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Electrical Engineering
Date of Joining in the Institution	20/11/2020
Qualification(UG)	B Tech
Qualification(PG)	M.Tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	1.3
Total Experience in years(Industry)	0
Total Experience in years(Research)	
Area of Specialisation	Guidance and Navigation Control
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	
Professional Memberships	



Faculty Profile

Date of Birth	06/12/1985
Gender	Female
Mobile No	9847407856
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Electrical Engineering
Date of Joining in the Institution	23/11/2021
Qualification(UG)	B. Tech
Qualification(PG)	M. Tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	3 years
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	Electrical Machines
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	



Faculty Profile



Date of Birth	28/09/1992
Gender	Male
Mobile No	9895048447
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Electrical Engineering
Date of Joining in the Institution	18/11/2020
Qualification(UG)	B.E. in ELECTRICAL AND ELECTRONICS ENGINEERING
Qualification(PG)	M.Tech in GUIDANCE AND NAVIGATION CONTROL
Qualification(Ph. D)	
Total Experience in years(Teaching)	2 YEARS 11 MONTHS
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	GUIDANCE AND CONTROL
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	1
Professional Memberships	

Papers published in International Conferences

SL No	Title	Year
1	Rajesh Kumar. B, and Jisha. V. R, "Hybrid Guidance Law for Cooperative Attack of Missiles", IEEE International Conference on Intelligent Computing and Control Systems, pp. 835 - 840, 14-15 June 2018.	2018

Faculty Profile

115.Name **Roshan Alex**



Date of Birth 03/06/1993

Gender Male

Mobile No 9061454675

Faculty Type Adhoc

Designation Assistant Professor_Adhoc

Department Electrical Engineering

Date of Joining in the Institution 22/11/2021

Qualification(UG) B.Tech

Qualification(PG) M.Tech in power systems

Qualification(Ph. D)

Total Experience in years(Teaching) 3 months

Total Experience in years(Industry) 2

Total Experience in years(Research)

Area of Specialisation Power Systems, Machine Learning

No.of Papers Published(National)

No.of Papers Published(International)

No.of Papers in conferences(National)

No.of Papers in conferences(International)

Professional Memberships

116.Name **SHABNAM N S**

Faculty Profile



Date of Birth	13/07/1996
Gender	Female
Mobile No	8606596645
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Electrical Engineering
Date of Joining in the Institution	22/11/2021
Qualification(UG)	B.Tech
Qualification(PG)	M.Tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	0.25
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	Control Systems
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	



117.Name Dr Unnikrishnan V S

Date of Birth	25/05/1972
Gender	Male
Mobile No	9495151437
Faculty Type	PERMANENT
Designation	Professor
Department	Mechanical Engineering
Date of Joining in the Institution	04/06/1999
Qualification(UG)	BTech Mechanical Stream Industrial Engineering
Qualification(PG)	MTech Industrial Refrigeration and Cryogenic Engineering
Qualification(Ph. D)	PhD IIT Madras
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	0
Total Experience in years(Research)	3 years QIP
Area of Specialisation	Industrial Engineering
No.of Papers Published(National)	0
No.of Papers Published(International)	1
No.of Papers in conferences(National)	4
No.of Papers in conferences(International)	4
Professional Memberships	IIIE Life Member



118.Name	Dr. Binoosh S A
Date of Birth	31/05/1971
Gender	Male
Mobile No	8547090801
Faculty Type	PERMANENT
Designation	Professor
Department	Mechanical Engineering
Date of Joining in the Institution	08.06.2015
Qualification(UG)	B.Tech in Mechanical stream Production Engineering
Qualification(PG)	M.Tech in Industrial Engineerinf
Qualification(Ph. D)	Mechanical Engineering
Total Experience in years(Teaching)	22 Years
Total Experience in years(Industry)	One
Total Experience in years(Research)	
Area of Specialisation	Industrial Engineering
No.of Papers Published(National)	Nil
No.of Papers Published(International)	Three
No.of Papers in conferences(National)	Nine
No.of Papers in conferences(International)	Eight
Professional Memberships	Life member Indian Society of Technical Education (ISTE) [LM23015] Life member in Indian Society of Ergonomics (ISE) [L475] Member in Indian Institution of Engineers (IE) [M-165215-4] Associate member in Institution of Industrial Engineering (IIIE) [AMIIE 8870]

Projects Guided in Master's Level

Area of Specialisation	Industrial Engineering	
University	University of kerala	
Student Name	Project Title	Year
Sandhya S	Determination of job stress levels among employees of a medium scale process industry – an	2006

Faculty Profile	overview	
Suresh P	Application of lean manufacturing tools for quality improvement in launch vehicle mechanical integration	2009
Rajith C H	An analysis of three levels of HR with competency mapping – a case study	2009
Vishnu Sasikumar	A model for predicting the risk of musculoskeletal disorders among computer professionals	2017
Anoop S	Computer aided modelling and analysis of dental workstations	2017
Jithin Mohan	Effect of vibration on the upper limbs of human body during bike riding	2018
Thomas Abraham	Ergonomic analysis of manual material handling during loading and unloading activities	2018
Abhijith Suresh B	Detection of mental fatigue of night truck drivers: heart rate variability approach	2019
Akhil Mohan M B	Influence of load carriage and flooring surfaces on gait pattern	2019
Jishnu Devadas K M	Ergonomic design of passenger cabin in sleeper bus	2019
Sajithkumar S.K.	Ergonomic assessment of musculoskeletal Risk in automotive spray painting operation	2019
Shehna Salim	Reverse logistics network under uncertainty in quantity and quality of returned products: a simulation study	2019
Soumi A S	An analysis of stock market volatility before and after the implementation of volatility index in India	2019
Anoop G A	Ergonomic interventions in two-wheelers for improved rider comfort	2020
Akshaya Jalasteen	Anthropometric design for inclusive children park	2020
Algin Joseph	Analysis of physiological and musculoskeletal risks among cyclists during riding at different postures	2020
Anjali A V	Anjali A V Analysis of efficiency-volatility-integration linkage of Indian stock market with international markets	2020
Jithu Gopinath	Hand arm and whole body vibration exposures among two-wheeler riders	2020
Mathew John	Well-being of computer professionals during work from home: a paradigm shift in work environment	2021
Sreevas P A	Digital eye strain during online education among Engineering students in Kerala	2021

Papers published in International Journals

SL No	Title	Year
1	Virtual postural assessment of an assembly work in a small scale submersible pump manufacturing industry, Work, vol. 58, no. 4, pp. 567-578	2017
2	Assessment and prediction of industrial workers fatigue, South African Journal of Industrial Engineering, vol. 28, no. 1, pp. 164-175	2017
3	A model for predicting the risk of musculoskeletal disorders among computer professionals, vol.26, no.2, pp. 384-396	2020

Papers published in National Conferences

SL No	Title	Year
1	Determination of Job stress levels among employees of a medium scale process industry – an overview, National Conference on Technological Trends (NCTT 2006), College of Engineering Trivandrum, Thiruvananthapuram.	2006
2	The importance of behavioural factors for the effective use of performance management system in	2006

Faculty Profile	the context of Hindustan Latex Limited, National Conference on Technological Trends (NCTT 2006), College of Engineering Trivandrum, Thiruvananthapuram.	
3	Analysis of job stress among employees of a medium scale processing industry, 49th National Convention of Institution of Industrial Engineering, IIIE Trivandrum Chapter, Thiruvananthapuram.	2007
4	An analysis of three levels of HR with competency mapping – A case study, National Conference on Technological Trends (NCTT 2007), College of Engineering Trivandrum, Thiruvananthapuram.	2007
5	Quality Improvement Tools for Launch Vehicle Integration, National Conference on Technological Trends (NCTT 2008), College of Engineering Trivandrum, Thiruvananthapuram.	2008
6	A perspective on Research Opportunities in Human Thermal Comfort, National Conference on Product Design and Manufacturing, PSG college of Technology, Coimbatore.	2011
7	Discrete postural evaluation of computer professionals using RULA method, National Conference on Technological Trends (NCTT 2017), College of Engineering Trivandrum, Thiruvananthapuram.	2017
8	A Study on Musculoskeletal Disorders among Two-Wheeler Riders of Kerala State in India, Kerala state Technological Congress 2019, Government Engineering College, Trissur.	2019
9	Ergonomic assessment of musculoskeletal risk in automotive spray painting task, Kerala state Technological Congress 2019, Government Engineering College, Trissur.	2019

Papers published in International Conferences

SL No	Title	Year
1	An Integrated Methodology for Prioritizing Musculoskeletal Risk Potentials in Small and Medium Scale Enterprises, Proceedings of International Conference on Humanizing Work and Work Environment (HWWE 2011), IIT Madras, Chennai.	2011
2	Digital Human Model (DHM) based postural assessment of a submersible pump assembly work, Proceedings of International Ergonomics Conference (HWWE 2014), Indian Institute of Technology, Guwahati.	2014
3	Analysis of music effects on complexity measures of heart rate variability, Proceedings of International Conference of Large Area of Flexible Microelectronics (ILAFM 2014), RV College of Engineering, Bengaluru.	2014
4	Computer aided posture analysis for the assessment of musculoskeletal risk among dentists, Proceedings of International Conference on Humanizing Work and Work Environment (HWWE 2018) College of Engineering Trivandrum.	2018
5	Analysis of Hand-Arm Vibration In Hand-Held Power Tool Operators, Proceedings of International Conference on Materials, Mechanics and Management (IMMM 2020), Thiruvananthapuram.	2020
6	Different Approaches in Playground Equipment Design to Bring Inclusiveness, Proceedings of International Conference on Materials, Mechanics and Management (IMMM 2020), Thiruvananthapuram.	2020
7	Identification of risk due to RSI among auto rickshaw drivers", Proceedings of International Conference on Materials, Mechanics and Management (IMMM 2020), Thiruvananthapuram.	2020
8	An ergonomic design of wheel chair for paraplegic person, Proceedings of International Conference on Humanizing Work and Work Environment (HWWE 2021), Indian Institute of Technology Guwahati, Assam.	2021

Books Published

SL No	Title	Coauthors
1	Technology Enabled Ergonomic Design - Vibration Exposure Analysis Among Two-Wheeler Riders	John M & Gopinath

Faculty Profile	in Kerala	
2	Technology Enabled Work System Design - Variation of Hand Strength Among Bike Riders After Experimental Trials	Devadas K M J

119.Name **Dr. K SUNIL KUMAR**



Date of Birth	16/04/1974
Gender	Male
Mobile No	9946844277
Faculty Type	PERMANENT
Designation	Professor
Department	Mechanical Engineering
Date of Joining in the Institution	18/12/2002
Qualification(UG)	B.Tech (Mechanical Engg.)
Qualification(PG)	M.Tech (Industrial Engg. and Operations Research)
Qualification(Ph. D)	Ph.D (Industrial Engg. & Operations Research)
Total Experience in years(Teaching)	19
Total Experience in years(Industry)	7
Total Experience in years(Research)	
Area of Specialisation	Industrial Engg. and Operations Research
No.of Papers Published(National)	
No.of Papers Published(International)	15
No.of Papers in conferences(National)	11
No.of Papers in conferences(International)	15
Professional Memberships	ISTE (Life Member), IIIE (Life Member)

Positions Held

POSITIONS HELD

Faculty Profile

SL No	Details	Period
1	Coordinator - FLAIR	2008
2	Coordinator - IEDC	2014-2021
3	Asst Coordinator - Career Guidance and Placement Unit	2008-2010
4	Coordinator - Career Guidance and Placement Unit	2019-Till date

120.Name Dr. REGI KUMAR V.



Date of Birth	30/03/1969
Gender	Male
Mobile No	9446193492
Faculty Type	PERMANENT
Designation	Professor
Department	Mechanical Engineering
Date of Joining in the Institution	03/12/2001
Qualification(UG)	BTech Mechanical stream Industrial Engineering
Qualification(PG)	MTech Mechanical Engineering (Industrial Engineering)
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	21
Total Experience in years(Industry)	7
Total Experience in years(Research)	15
Area of Specialisation	Industrial Engineering and Management
No.of Papers Published(National)	4
No.of Papers Published(International)	22

No.of Papers in 44

No.of Papers in
conferences(International)

28

Professional
Memberships

Life member of ISTE & IIIE

Ph.D's Guided

Area of Specialisation

Industrial Engineering and Management

University

University of Kerala

Student Name**Thesis Title****Year**

DILEEP M. V.

OPTIMISATION MODELS FOR MULTI-ECHELON DISTRIBUTION CHAINS OF PERISHABLE
EDIBLE GOODS

2016

ANOOP C.

MODELS FOR IMPROVING AGILITY & BEHAVIORAL ASPECTS OF SUSTAINABLE
HUMANITARIAN SUPPLY CHAINS

2016

ASOK KUMAR N.

HEAVY VEHICLE DRIVERS' COMFORT ASSESSMENT BASED ON ERGONOMIC ANALYSIS

2016

Papers published in National Conferences

SL No**Title****Year**

1

"Exploration of Quality Management Techniques for Enhancing Supply Chain Efficiency and
Responsiveness". Proceedings of the 46th National Convention of Indian Institution of Industrial
Engineering. (2004)

2004

2

"Effectiveness of Inbound Logistics System of a Large Scale Chemical Industry-A Case Analysis".
Proceedings of the 5th National Seminar on Recent Trends in Technological Advancements,
College of Engineering Trivandrum. (2004)

2004

3

"Necessity of a Large Scale Cold Storage Plant for Agrobased Products in Kerala - A Feasibility
Study". Proceedings of the 5th National Seminar on Recent Trends in Technological Advancements,
College of Engineering Trivandrum. (2004)

2004

4

"Genetic Algorithm Based Inventory Planning in Two Echelon Distribution Networks". Proceedings of
the 6th National Conference on Technological Trends, College of Engineering Trivandrum. (2005)

2005

5

"Design of an Agent Based Supply Network Using Artificial Neural Network". Proceedings of the 6th
National Conference on Technological Trends, College of Engineering Trivandrum. (2005)

2005

6

"Design of a Mass Customization Based Inventory Model Emphasizing Delayed Differentiation
Strategy". Proceedings of the 7th National Conference on Technological Trends, College of
Engineering Trivandrum. (2006)

2006

7

"Recapturing Decisions on End of Life Products at a Centralized Return Centre in a Reverse
Logistics System". Proceedings of the 7th National Conference on Technological Trends, College of
Engineering Trivandrum. (2006)

2006

8

"Effect of Fill rate Constraints on the Bullwhip Effect of Seamless Supply Chains", Proceedings of
the 49th National Convention of Indian Institution of Industrial Engineering. (2007)

2007

9

"Effect of Fill rate Constraints on the Bullwhip Effect of Seamless Supply Chains", Proceedings of
the 49th National Convention of Indian Institution of Industrial Engineering. (2007)

2007

10

"Effect of Fill rate Constraints on the Bullwhip Effect of Seamless Supply Chains", Proceedings of
the 49th National Convention of Indian Institution of Industrial Engineering. (2007)

2007

11

"Rebuilding the Supply Chain for Effective Customer Responsiveness". Proceedings of the 49th

2007

Faculty Profile	National Convention of Indian Institution of Industrial Engineering. (2007)	
12	“Exploration of the Causes and Remedies of Bullwhip Effect in Serial Supply Chains”. Proceedings of the 49th National Convention of Indian Institution of Industrial Engineering. (2007)	2007
13	“Stochastic Modeling of Multi-product Inventory Problem in Two-echelon Distribution chains”. Proceedings of the 8th National Conference on Technological Trends, College of Engineering Trivandrum. (2007)	2007
14	“Performance Comparison of Metaheuristics on a Serial Production Sequencing Problem”. Proceedings of the 9th National Conference on Technological Trends, College of Engineering Trivandrum. (2008)	2008
15	“Analysis of Bullwhip Effect in Linear Supply Chains under Stochastic Conditions”. Proceedings of the 9th National Conference on Technological Trends, College of Engineering Trivandrum. (2008)	2008
16	“Reliability Enhancement of Pyrodevices through Redundancy for Aerospace Applications”. Proceedings of the 9th National Conference on Technological Trends, College of Engineering Trivandrum. (2008)	2008
17	“Performance Evaluation of GA and SA on NP Hard Sequencing Problem”. Proceedings of the National Conference on Advanced Processing Technologies. SCT College of Engineering. Trivandrum. (2009)	2009
18	“Network Efficiency Modeling using Genetic Algorithm for Global Stochastic Supply Chain”. Proceedings of the National Conference on Advanced Processing Technologies. SCT College of Engineering Trivandrum. (2009)	2009
19	“Comparative Study of Metaheuristics on NP Hard Problem”. Proceedings of the National Conference on Recent Innovations in Technology, Rajiv Gandhi Institute of Technology, Kottayam. (2009)	2009
20	“Design and Evaluation of a Supply Chain Network using Hybrid Algorithm”, Proceedings of the 10th National Conference on Technological Trends, College of Engineering Trivandrum. (2009)	2009

Papers published in International Conferences


SL No	Title	Year
1	“Influence of Energy Saving Methods on the Efficiency and Responsiveness of Multi-Echelon Supply Chains”. Proceedings of the international conference on ‘Global Energy Challenges: Strategies for Sustainable Development’ : Organized by Indian Institution of Industrial Engineering	2009

121.Name	ABDUL JALEEL H	
Date of Birth	12/04/1973	
Gender	Male	
Mobile No	7012912045	
Faculty Type	PERMANENT	
Designation	Associate Professor	

Faculty Profile	
Department	Mechanical Engineering
Date of Joining in the Institution	11/06/1999
Qualification(UG)	B Tech
Qualification(PG)	M Tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	0
Total Experience in years(Research)	
Area of Specialisation	Aerospace Engg
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	4
Professional Memberships	Aeronautical Society of India

Positions Held

SL No	Details	Period
1	HOD GEC IDUKKI	2019-2021

122.Name	AJITH R R	
Date of Birth	11/02/1975	
Gender	Male	
Mobile No	9446593698	

Faculty Type PERMANENT

Faculty Profile	
Designation	Associate Professor
Department	Mechanical Engineering
Date of Joining in the Institution	04/07/2003
Qualification(UG)	B Tech
Qualification(PG)	M Tech
Qualification(Ph. D)	Nil
Total Experience in years(Teaching)	23
Total Experience in years(Industry)	1
Total Experience in years(Research)	0
Area of Specialisation	Manufacturing
No.of Papers Published(National)	
No.of Papers Published(International)	2
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	2
Professional Memberships	ISTE, MRSI, SSSS

123.Name **Anitha S Nair**



Date of Birth	28/01/1973
Gender	Female
Mobile No	9349318045
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Mechanical Engineering

Date of Joining in the 08/03/2019

**Institution
Faculty Profile**

Qualification(UG)	B.Tech in Mechanical Engineering
Qualification(PG)	M.Tech in Thermal Sciences
Qualification(Ph. D)	
Total Experience in years(Teaching)	21 years
Total Experience in years(Industry)	NIL
Total Experience in years(Research)	NIL
Area of Specialisation	Combustion
No.of Papers Published(National)	NIL
No.of Papers Published(International)	NIL
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	NIL
Professional Memberships	Life Memeber of ISTE, Aeronautical Society of India, Combustion Institute India

124.Name **DILIP D**

Date of Birth	09/05/1972
Gender	Male
Mobile No	9400751935
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Mechanical Engineering
Date of Joining in the Institution	13/10/1999
Qualification(UG)	BTech Mechanical Engineering

Qualification(PG) MTech Thermal Engineering

Faculty Profile	
Qualification(Ph. D)	PhD in Mechanical Engineering
Total Experience in years(Teaching)	23
Total Experience in years(Industry)	1
Total Experience in years(Research)	
Area of Specialisation	Thermal Engineering
No.of Papers Published(National)	1
No.of Papers Published(International)	5
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	3
Professional Memberships	ISTE

125.Name **Dr M Vinod**



Date of Birth	31/05/1972
Gender	Male
Mobile No	9447897092
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Mechanical Engineering
Date of Joining in the Institution	19/05/2011
Qualification(UG)	Mechanical Engineering
Qualification(PG)	Mechanical Engineering (Elective: Industrial Engineering)
Qualification(Ph. D)	Faculty of Mechanical Engineering

Total Experience in 21 Years

years(Teaching)

Faculty Profile

Total Experience in
years(Industry) One year

Total Experience in
years(Research) 3 years

Area of Specialisation Industrial Engineering

No.of Papers
Published(National) 0

No.of Papers
Published(International) 9

No.of Papers in
conferences(National) 1

No.of Papers in
conferences(International) 7

Professional
Memberships Life member ISTE, IIIE

Ph.D's Guided

Area of Specialisation Management

University Kerala Technological University

Student Name	Thesis Title	Year
Sunilkumar V	Research work ongoing	2021

126.Name Dr Raju C



Date of Birth 15/04/1974

Gender Male

Mobile No 9995620503

Faculty Type PERMANENT

Designation Associate Professor

Department Mechanical Engineering

Date of Joining in the
Institution 26/06/2006

Qualification(UG) B TECH (MECH. ENGG.)

Faculty Profile Qualification(PG)	ME (CIM)
Qualification(Ph. D)	Ph.D (PRODUCTION ENGINEERING)
Total Experience in years(Teaching)	18
Total Experience in years(Industry)	6
Total Experience in years(Research)	0
Area of Specialisation	MANUFACTURING TECHNOLOGY
No.of Papers Published(National)	0
No.of Papers Published(International)	7
No.of Papers in conferences(National)	0
No.of Papers in conferences(International)	2
Professional Memberships	NIL

Projects Guided in Master's Level

Area of Specialisation	MANUFACTURING TECHNOLOGY	
University	APJKTU	
Student Name	Project Title	Year
JUBIN K	FORMABILITY COMPARISON OF COPPER ASTM B 370 AND STAINLESS STEEL 304 IN SINGLE POINT MICRO INCREMENTAL FORMING	2021
Vibin M V	Finite element analysis of multi point incremental forming of two sheets	2020
Basim Nabeel P K	Simulation of incremental forming with newly designed multi point incremental forming tool	2020

Papers published in International Journals

SL No	Title	Year
1	APPLICATION OF A HYBRID OPTIMIZATION TECHNIQUE IN A MULTIPLE SHEET SINGLE POINT INCREMENTAL FORMING PROCESS MEASUREMENT JOURNAL (SCI)	2016
2	STRAIN DISTRIBUTION AND FAILURE MODE IN SINGLE POINT INCREMENTAL FORMING OF MULTIPLE COMMERCIAL PURE ALUMINIUM SHEETS, JOURNAL OF MANUFACTURING PROCESSES (SCI)	2017
3	FLD AND FRACTOGRAPHY ANALYSIS OF MULTIPLE SHEET SINGLE POINT INCREMENTAL FORMING, TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS (SCI)	2016
4	INVESTIGATIONS ON MULTI SHEETS SINGLE POINT INCREMENTAL FORMING OF COMMERCIAL PURE TITANIUM ALLOYS, MATERIALS AND MAUFACTURING PROCESSES (SCI)	2020
5	Finite element analysis of multi point incremental forming with two sheets, Compliance engineering	2020

Faculty Profile	journal
6	Simulation of incremental forming with newly designed multi point incremental forming tool, Compliance engineering journal
	2021

Papers published in International Conferences

SL No	Title	Year
1	SINGLE POINT INCREMENTAL FORMING AN OVERVIEW, PROCEEDINGS OF THE INTERNATIONAL MECHANICAL ENGINEERING CONGRESS, PP 5-9, NIT TRICHY	2014
2	EXPERIMENTAL ANALYSIS OF MULTIPLE SHEET SINGLE POINT INCREMENTAL FORMING, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON ADVANCES IN DESIGN AND MANUFACTURING, PP 277-281, NIT TRICHY	2014

Consultancy Details

SL No	Consultancy	Year
1	THE PLANT AND MACHINERY AVAILABLE WITH M/S INDIAWOOD LTD WERE EVALUATED AS PER THE CONSULTANCY REQUEST RECEIVED FROM NABARD CONSULTANCY SERVICES (NABCONS)	2017

Patents/Grants Fetched

SL No	Patent	Grant
1	MULTI POINT INCREMENTAL FORMING OF SHEET METAL WORKS IN CNC MACHINES AND ROBOTIC CELLS FOR INCREMENTAL FORMING	

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	MOLECULAR MODELLING FOR ENGINEERS	28/11/2016 TO 3/12/2016
2	CAPABILITY ENHANCEMENT TRAINING FOR STAFF ADVISORS	2/7/2018 TO 7/7/2018
3	DYNAMICAL SYSTEMS AND CHAOS THEORY	4/1/2018 TO 6/1/2018
4	APPLIED MATHEMATICS FOR ENGINEERING RESEARCH	11/12/2017 TO 15/12/2017
5	TRENDS AND ADVANCEMENT IN CRYOGENIC ENGINEERING	4/12/2017 TO 8/1/2018
6	DESIGN AND ENGINEERING	18/12/2017 TO 22/12/2017
7	LEADERSHIP EMPOWERMENT FOR ENGINEERING COLLEGE TEACHERS	7/11/2016 TO 12/11/2016
8	OUTCOME BASED ACCREDITATION	25/6/2018 TO 29/6/2018

Positions Held

POSITIONS HELD

Faculty Profile

SL No	Details	Period
1	BUS SECRETARY	14/3/2019 TO 25/
2	ASSISTANT BUS SERETARY	29/10/2010 TO 28

127.Name **Dr. BAIJU SASIDHARAN**



Date of Birth	30/05/1972
Gender	Male
Mobile No	09495627920
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Mechanical Engineering
Date of Joining in the Institution	07-06-1999
Qualification(UG)	B TECH (MECHANICAL ENGINEERING)
Qualification(PG)	M TECH (COMPUTER AIDED STRUCTURAL ANALYSIS AND DESIGN)
Qualification(Ph. D)	PhD (FRICTION WELDING)
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	NIL
Total Experience in years(Research)	15
Area of Specialisation	FRICTION WELDING
No.of Papers Published(National)	
No.of Papers Published(International)	8
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	7
Professional	ISTE

Projects Guided in Master's Level

Area of Specialisation	FRICTION WELDING	
University	UNIVERSITY OF KERALA	
Student Name	Project Title	Year
ATHIRA SATHEESH	NUMERICAL MODELLING AND EXPERIMENT ON ROTARY FRICTION WELDING PROCESS	2011
ANEESH KN	A COMPARATIVE STUDY ON MECHANICAL AND MICROSTRUCTURAL CHARACTERISTICS OF FRICTION WELDED JOINS WITH CONVENTIONAL WELDED JOINTS USING ALUMINIUM ALLOY 6061	2013
SREEJITH S	EXPERIMENTAL STUDIES ON MICROSTRUCTURAL CHARACTERISTICS OF FRICTION WELDED JOINTS FORMED FROM ALUMINIUM 6061 ALLOY	2014
NICK FRANKLIN ANTONY	NUMERICAL MODELLING OF THE RESIDUAL STRESS DEVELOPMENT IN A FRICTION WELDED DISSIMILAR METAL JOINT	2014
ANOOP CHANDRAN	MECHANICAL AND METALLURGICAL CHARACTERISTICS OF FRICTION WELDED JOINTS FROM AI6061/ AI6063	2015
SHINY LESLIE	PROCESS PARAMETER OPTIMIZATION OF FRICTION WELDING OF AI6061 ALLOY WITH FLAT-CONVEX INTERFACE	2016
SARATH .K.M	OPTIMIZATION OF PROCESS PARAMETERS IN ROTARY FRICTION WELDING OF ALUMINIUM 6061 ALLOY	2016
RENJISH VIJAY-TVE17MEMD15	EVALUATION OF TRIBOLOGICAL PROPERTIES AND CORROSIVE STABILITY OF ALUMINUM ALLOY A356 COATED WITH SILICA, ALUMINA AND ALUMINUM SILICATE	2018
SREEJITH H-TVE17MEMD17	Multi i ve Optimization of CNC Milling Process Parameters For AA 2219-T87 Using RSM and Genetic Algorithm.	2018
AKHIL RAJ-TVE17MEMA03	OPTIMIZATION OF PROCESS PARAMETERS IN HARDFACING BY SUBMERGED ARC WELDING	2018
ABHIJITH P S-TVE17MEMA01	NUMERICAL AND EXPERIMENTAL INVESTIGATION OF RESIDUAL STRESSES IN FRICTION WELDED JOINTS FROM AI 6061 RODS.	2018
ALLAN GEORGE-TVE17MEMA04	COMPARISON OF MECHANICAL CHARACTERISTICS OF FRICTION STIR WELDED JOINT OF 2195 Al-Li ALLOY AND AA2219	2018
MITHUN GEORGE-TVE17MEMA09	FRICTION STIR SPOT WELDING OF POLYCARBONATE SHEETS USING CONVENTIONAL DRILLING MACHINE	2018
KARTHIK NARAYANAN M.V-TVE16MEMD07	EXPERIMENTAL INVESTIGATIONS ON FRICTION WELDED JOINTS WITH SPECIAL REFERENCE TO MEASUREMENT OF TEMPERATURE	2017
DURGESH KUMAR MISHRA-TVE15MEMD03	FINITE ELEMENT ANALYSIS OF FRICTION WELDED PIPE JOINT	2016
GOURAB BANERJEE-TVE15MEMD05	NFLUENCE OF TAPER-FLAT AND FLAT-TAPER INTERFACE GEOMETRIES ON MECHANICAL CHARACTERISTICS OF AI-6061 FRICTION WELDED JOINTS	2016

Papers published in International Journals

SL No	Title	Year
1	Ananthan D. Thampi, Gokul Biju, Deepkant Alokkan, Baiju Sasidharan & Rani S. Formulation and	2021

Faculty Profile	Tribological property evaluation of rice bran oil based lubricating grease with sebacic acid as a complexing agent, Biomass Conversion and Biorefinery (2021), https://link.springer.com/article/10.1007/s13399-021-01603-w	
2	D.Thampi, M.A.PrasanthabA.P.AnanduabE.SnehaabBaijuSasidharanabS.Raniab The effect of nanoparticle additives on the tribological properties of various lubricating oils – Review, Materials Today: Proceedings, 2021 (https://www.sciencedirect.com/science/article/pii/S2214785321027619)	2021
3	Ananthan D Thampi, E Sneha , BaijuSasidharan and S Rani, Effect of SiC nanoparticles on the tribological properties of rice bran oil based lubricant, IOP Conference Series: Materials Science and Engineering, 2021 (https://iopscience.iop.org/article/10.1088/1757-899X/1114/1/012054)	2021
4	Allan George, Baiju Sasidharan, Sathish Chandra Kumar, "Comparison of Mechanical Characteristics of Friction Stir Welded Joints of AA2195 Al-Li Alloy with AA2219", International Journal for Scientific Research & Development Vol. 7, Issue 03, 2019 ISSN (online): 2321-0613	2019
5	9 Abhijith, Baiju Sasidharan "Recommendation Of Optimum Process Parameters For The Milling Of Carbon Steel Using Taguchi Analysis" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 3 (2018) Spl. © Research India Publications. http://www.ripublication.com	2018
6	S Leslie, B Sasidharan, "Process parameter optimization of friction welding of Al 6061 with flat-convex interface geometry", International Journal of Engineering Research & Technology 5, 334-338, ISSN: 2278-0181 http://www.ijert.org , IJERTV5IS090224, Vol. 5 Issue 09, September-2016	2016
7	Baiju Sasidharan, Dr.K.P.Narayanan, Thanoj Surendran, Comparative study on hardness, torsion and microstructural characteristics of Friction welded joints of Al 6061 rod formed with various interface geometry, International journal of Design and Manufacturing Technology (IJDMT), ISSN 0976 – 6995 (print) ISSN 0976 – 7002 (online) volume 5, issue 3, September - December (2014), pp. 115-120	2014
8	Baiju Sasidharan, Dr.K.P.Narayanan, Prakash.R.S, "Tensile and Microstructural characteristics of DCSP TIG welded and Friction Stir Welded AA2219 Aluminum alloy". International Journal Of Design & Manufacturing Technology, vol 5, pp 121-129, Sep-Dec 2014.	2014
9	Baiju Sasidharan, Dr.K.P.Narayanan And Aneesh.K.N , A Comparative Study of Tensile And Microstructural Characteristics Of Friction Welded Joints And Conventionally Welded Joints Of Aluminium Alloy 6061, IJRSET, ISSN (Online) : 2319 - 8753 ISSN (Print) : 2347 – 6710	2013

Papers published in National Conferences

SL No	Title	Year
1	Renjish Vijay, Rani S1, Baiju Sasidharan , Muhammed Arif, Subin S T, "A Review On Sol-Gel Coating Methods Employed To Enhance Tribological Properties" Proceedings of the 4th Kerala Technological Congress – KETCON 2019 Volume 6 Page 332	2019
2	Baiju Sasidharan, Narayanan.K.P, Anoop .C.Chandran, "Experimental investigations on Tensile and Microstructural Characteristics of Friction Welded Joints from Al 6061/Al 6063" , Proc. of National conference on Technological Trends (NCTT-15), Tvm, Sept.2015, pp. 1648-1653.	2015
3	Baiju Sasidharan, Narayanan.K.P, Nick Franklin Antony "Numerical Modelling of the Residual Stress Development in a Friction Welded Dissimilar Welded Joint", Proc. of the 15th National Conference on Technological Trends, NCTT 2014, 22-23 Aug. 2014, Tvm, pp. 1594-1599.	2014
4	Baiju Sasidharan, Athira Satheesh, N. R. Jaget Babu , "Numerical Modeling and Experiment on Rotary Friction Welding Process," 12th National Conference on Technological Trends-NCTT-2011 , 30th Nov-1st Dec 2011, College of Engineering, Trivandrum.	2011

Papers published in International Conferences

SL No	Title	Year
1	Deepkanth A, Baiju Sasidharan, Rani S, Anandan D Thampi, Muhammed Arif M, "Feasibility Study	2020

Faculty Profile	on the Formulation of Ricebran oil based Bio Grese”, Proceedings of the 4th International Conference on Materials, Mechanics and Management (IMMM2020), pp.165-169, ISBN 978-93-89105-41-4	
2	SG Sreelekshmi, Baiju Sasidharan, SK Abraham, “Quality Prediction of Friction Welded Joint by Machine Vision System Based Approach”, Proceedings of the Annual International Conference on Emerging Research Areas (AICERA 2019), July 18-20, 2019, Kottayam, Kerala	2019
3	Renjish Vijay, Dr.Rani S, BaijuSasidharan, MuhammedArif, Abhishek R john.“Evaluation of tribological properties of stainless steel by sol gel coating technology.” Inicore tech 2018: International Conference on Recent Advances in Engineering andTechnology. Kasaragod, Kerala, 2018 December 18-19.	2018
4	Baiju Sasidharan, Narayanan.K.P, Prakash.R.S.: “Tensile and Microstructural Characteristics of AC Square wave welded and DCSP welded AA2219 Aluminium Alloys”, IMMM 2014 , Proc.of 2nd International Conference on Materials Mechanics Management, pp. 722-728.	2014
5	Baiju Sasidharan, Narayanan.K.P, Sreejith.S: “Mechanical and Physical Characteristics of Friction Welded AL6161 rod with various tapered interface geometry”, IMMM 2014, Proc.of 2 nd International Conference on Materials Mechanics Management, pp.783-788.	2014

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Induction Training Program for Teachers	22 Nov to 3 Dec 1
2	Advanced Technologies in Internet	15 to 27 January :
3	Computer aided Manufacturing and CNC Programming	7 to 19 January 21
4	Application of MATLAB for Analysis Design and Simulation of systems	9 to 21 December
5	3D Modelling and Animation	27October to 10 N
6	Recent advances in Analysis of machinery Vibrations	6 to 18 June 2005
7	FEM Analysis and Applications in Engineering	20 to 25 June 200
8	ISO Certification of Educational Institutions	19 to 22 Decembe
9	New Horizons in Biomedical Engineering	15 to 26 May 2001
10	Mechatronics and Machine Vision Systems	25 to 27 October :
11	Recent advances and Application of Finite Element Analysis in Engineering	26February to 9 M
12	Geo technical Investigations for Infrastructure Projects	13-15 June 2007 :

128.Name Dr. Mini R S



Date of Birth 10/02/1978

Faculty Profile	
Gender	Female
Mobile No	9447512397
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Mechanical Engineering
Date of Joining in the Institution	08/06/2006
Qualification(UG)	B Tech Industrial Engineering
Qualification(PG)	M tech Machine Design
Qualification(Ph. D)	PhD in Mechanical Engineering
Total Experience in years(Teaching)	16
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	11
Area of Specialisation	Machine Design
No.of Papers Published(National)	
No.of Papers Published(International)	6
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	6
Professional Memberships	ISTE, Aeronautical Society of India, ISNT, Institution of Engineers

Projects Guided in Master's Level

Area of Specialisation	Machine Design	
University	Kerala Technological University	
Student Name	Project Title	Year
S ANANTHA MAHADEVAN	Simulation of Ultrasonic Wave Propagation through microstructures generated using Voronoi Tessellation	2017
NIKHIL K VENUGOPAL	INVESTIGATION ON STIR CASTING PARAMETERS FOR THE FABRICATION OF FATIGUE RESISTANT ALUMINIUM METAL MATRIX COMPOSITES WITH SiC REINFORCEMENT	2017
SABU S DEVAN	PROCESSING AND EVALUATION OF FUNCTIONALLY GRADED BIMETALLIC ALUMINIUM ALLOY BY SEQUENTIAL CENTRIFUGAL CASTING TECHNIQUE	2018
STEFFIN VARGHEESE	Numerical Investigation of Triboelectric Power Generation	2018
AJIN S P	ACOUSTIC METAMATERIAL BASED PRESSURE SENSOR	2018

Faculty Profile ASARUDHEEN A	COUSTIC METAMATERIAL BASED LOW NOISE SILENCER	2018
KANNAN T J	STUDY ON THE EFFECT OF MOULD ROTATIONAL SPEED IN CENTRIFUGAL CASTING, PROCESSING AND CHARACTERIZATION OF FUNCTIONALLY GRADED COMPOSITES	2018
MAHESH K	EXPERIMENTAL AND NUMERICAL INVESTIGATION OF SOUND ABSORPTION IN HELMHOLTZ RESONATOR BASED METAMATERIAL	2019
SREE KUTTAN S	Numerical Investigation on the sound absorption characteristics of Micro perforated panel-Dead End pore structure combination	2020
KANNAN SHAJI	DESIGN AND ANALYSIS OF A BLENDED WING BODY MEDIUM ALTITUDE LONG ENDURANCE UAV	2020
R DEEPU RAJ	Numerical investigation on the acoustic absorption properties of porous absorbers- A comparative analysis	2020
ABRAHAM CHERIAN	DESIGN AND ANALYSIS OF A PYROTECHNIC RELEASE MECHANISM	2020
AKHIL KUMAR C M	NUMERICAL INVESTIGATION ON ACOUSTOPHORESIS	2021
ANANTHA PADMANABHAN M	NUMERICAL ANALYSIS OF THE WEAR CHARACTERISTICS OF HIP IMPLANT	2021

Papers published in International Journals

SL No	Title	Year
1	Abraham, S.T., Albert, S.K., Das, C.R., Parvathavarthini, N., Venkatraman, B., Mini R.S. and Balasubramaniam, K., 2013. Assessment of sensitization in AISI 304 stainless steel by nonlinear ultrasonic method. Acta Metallurgica Sinica (English Letters), 26(5), pp.545-552. (IF:2.755)	2013
2	Mini R.S., Balasubramaniam, K. and Ravindran, P., 2015. An experimental investigation on the influence of annealed microstructure on wave propagation. Experimental Mechanics, 55(6), pp.1023-1030. (IF:2.808)	2015
3	Mini R.S., Ravindran, P., Krishnamurthy, C.V. and Balasubramaniam, K., 2020. Experimental and Numerical Investigation of Second Harmonic Generation by Creep Induced Micro-voids. Experimental Mechanics, 60(7), pp.1017-1032. (IF:2.808)	2020
4	Mahesh, K., Kumar Ranjith, S. and Mini R.S., 2021. Inverse design of a Helmholtz resonator based low-frequency acoustic absorber using deep neural network. Journal of Applied Physics, 129(17), p.174901. (IF:2.546)	2021
5	Mahesh, K. and Mini R.S., 2021. Theoretical investigation on the acoustic performance of Helmholtz resonator integrated microperforated panel absorber. Applied Acoustics, 178, p.108012. (IF:2.639)	2021
6	Mahesh, K. and Mini R.S., 2021. Investigation on the Acoustic Performance of Multiple Helmholtz Resonator Configurations. Acoustics Australia, pp.1-15. (IF:1.5)	2021

Papers published in National Conferences

SL No	Title	Year
1	RS Mini, CV Krishnamurthy, K Balasubramaniam and, P Ravindran, WAVE PROPAGATION THROUGH ISOTROPIC, LINEAR ELASTIC MATERIAL USING MASS SPRING LATTICE MODEL, NDE 2010, Chennai	2010

Papers published in International Conferences

SL No	Title	Year
1	Mini R.S., Balasubramaniam, K. and Ravindran, P., 2013, November, Nonlinear ultrasonics- A tool	2013

Faculty Profile	to characterise annealing in polycrystalline pure copper. In 14th Asia Pacific Conference on Non-Destructive Testing, India.	
2	Mini R.S., Balasubramaniam, K. and Ravindran, P., 2014, February. Characterization of annealing in polycrystalline copper using harmonic generation technique. In AIP Conference Proceedings (Vol. 1581, No. 1, pp. 675-681). American Institute of Physics.	2014
3	Varghese, S., Shafeek, S., Kumar, R.S. and Mini R.S., 2017, November. Computational investigation of material combinations in triboelectric generators. In 2017 International Conference on Electrical and Computing Technologies and Applications (ICECTA) (pp. 1-4). IEEE.	2017
4	Mahesh, K. and Mini R.S., 2019, November. Helmholtz resonator based metamaterials for sound manipulation. In Journal of Physics: Conference Series (Vol. 1355, No. 1, p. 012031). IOP Publishing.	2019
5	K Mahesh, R S Mini, Numerical investigation on the absorption characteristics of Helmholtz resonator based absorber with neck opening on the wall, Yukthi 2021, September 24-26, GEC Kozhikode, Kerala, India	2021
6	K. Mahesh S. Kumar Ranjith and R. S. Mini, Inverse design of a Helmholtz resonator-based acoustic metasurface for low-frequency sound absorption using deep neural network, Euronoise 2021, October 25-27, Portugal, Madeira	2021

Patents/Grants Fetched

SL No	Patent	Grant
1		Research Promoti

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Computational Biology	9th to 20th October
2	Computational Fluid Dynamics	20th to 24th November
3	Advances in Materials Technology	15th to 27th January
4	Non destructive Testing methods for Engineers	19th to 30th November
5	SMART DEVICES: Materials Modeling and Design	7th to 12th January
6	Space technology-Status and Challenges	10th to 22nd March
7	Sustainability and Energy Issues in Built Environment	5th to 13th March
8	Research Orientation Programme on Numerical Simulation	22nd June to 3rd July
9	Mathematical Methods in Engineering	18th to 23rd January

Faculty Profile

10	Self Awareness and Higher Goals in Education	12th to 16th June
11	Composite Materials and Finite Element Modeling	25th to 29th Nove
12	Optimization techniques	6th to 10th Januar
13	Introduction to CFD and its Applications	8th to 12th Decen
14	Microfluidics: Fundamentals, Modeling and Applications	28th January to 21
15	Molecular modelling for Engineers	28th November to
16	Applied Mathematics for Engineering Research	11th to 15th Dece
17	Design and Engineering	18th to 22nd Dec
18	Recent Trends in tribology and surface characterisation	16th to 20th April
19	Outcome Based Accreditation	25th to 29th June
20	Advances in NDT Methods for Flaw Detection	9th to 14th July 20
21	Linear Algebra and its Applications	10th to 15th Dece
22	Exploring DST Funding schemes	27th January to 31
23	Sustainability Engineering	17th to 21st Augu
24	Microfluidics, soft matter and their applications	6th to 10th Septer

Short Term Courses/Workshops Organized

SHORT TERM COURSES/WORKSHOPS ORGANIZED

Faculty Profile

SL No	Title	Year and Sponsc
1	Molecular Modelling for Engineers	2016,DTE Kerala
2	Recent Trends in Tribology and Surface Characterization	2018,AICTE

Positions Held

SL No	Details	Period
1	PTA Treasurer	2016-2018
2	CETAA Joint Secretary	2019 to till date
3	AICTE/AISHE Department coordinator	2019- to till date

129.Name Dr. P M Ajith



Date of Birth	31/05/1968
Gender	Male
Mobile No	9495547576
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Mechanical Engineering
Date of Joining in the Institution	11/03/1918
Qualification(UG)	B.Tech, Mechanical Engineering
Qualification(PG)	M.Tech (Propulsion Engg.), M.Tech (MT), MBA
Qualification(Ph. D)	Ph.D
Total Experience in years(Teaching)	21 years
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	3 years
Area of Specialisation	Metal joining and ECAP

No.of Papers 1

No.of Papers Published(International)	8
---------------------------------------	---

No.of Papers in conferences(National)	2
---------------------------------------	---

No.of Papers in conferences(International)	1
--	---

Professional Memberships	Indian Welding Society
--------------------------	------------------------

Papers published in International Journals

SL No	Title	Year
1	. P.Sathiya, S.Aravindan, P.M. Ajith, B.Arivazhagan and A. Noorul Haq , “Microstructural characteristics on bead on plate welding of AISI 904 L super austenitic stainless steel using Gas metal arc welding process”, International Journal of Engineering Science, and Technology, Vol. 2, No. 6, 2010, pp. 189-199.	2010
2	P.Sathiya, S. Aravindan, R. Jeyapaul, P.M. Ajith, A. Noorul Haq, (2010) "Optimizing the weld bead characteristics of super austenitic stainless steel (904L) through grey-based Taguchi method", Multidiscipline Modeling in Materials and Structures, Vol. 6 Issue: 2, pp.206-213, doi: 10.1108/15736101011067993	2010
3	P. Sathiya, P. M. Ajith, R. Soundararajan. Genetic algorithm based optimization of the process parameters for gas metal arc welding of AISI 904 L stainless steel Journal of Mechanical Science and Technology 27(8):2457-2465 • August 2013	2013
4	P.M.Ajith, P.Sathiya, Kondaiah Gudimetla and B.Ravishankar, Mechanical, Metallurgical Characteristics and Corrosion Properties of Equal Channel Angular Pressing of Duplex Stainless Steel, Advanced Materials Research, Vol. 717 (2013) pp 9-14.	2013
5	Puthuparambil Madhavan AJITH, Paulraj SATHIYA, Sivanandam ARAVINDAN, Characterization of microstructure, toughness, and chemical composition of friction-welded joints of UNS S32205 duplex stainless steel, Friction 2 (1): 82–91 (2014).	2014
6	P. M. Ajith, P. Sathiya, S. Aravindan, Experimental Investigation on Friction Welding of UNS S32205 Duplex Stainless Steel, Acta Metallurgica Sinica (English Letters), Volume 27, Issue 6 (2014), Page 995-1007.-SCI Journal.	2014
7	P.M.Ajith, Afsal Husain T.M, P. Sathiya and S.Aravindan, Multi objective optimization of continuous drive friction welding process parameters using response surface methodology with intelligent optimization algorithm, Journal Of Iron And Steel Research, International,2015, 22(10): 954-960.-SCI Journal.	2015
8	P.M.Ajith, Birendra Kumar Barik, P. Sathiya and S.Aravindan, Multiobjective optimization of friction welding of UNS S32205 duplex stainless steel - Journal of Defence Technology (Elsevier), Volume 11, Issue 2 , June 2015, Pages 157–165.	2015

Papers published in International Conferences

SL No	Title	Year
1	P.Sathiya, S.Aravindan, P.M.Ajith and A. Noorul Haq, Optimization of bead geometry in gas metal arc welding of AISI 904 L super austenitic stainless steel using Taguchi techniques. Ist International conference on welding Technologies,09, Organized by Welding Technology Society, Gazi University, Ankara, Turkey, 11-13, June 2009, pp. 331-341.	2009
2	P.M.Ajith, P.Sathiya, Kondaiah Gudimetla and B.Ravishankar, Mechanical, Metallurgical	2013

Faculty Profile	Characteristics and Corrosion Properties of Equal Channel Angular Pressing of Duplex Stainless Steel, Advanced Materials Research, Vol. 717 (2013) pp 9-14.	
3	P.M.Ajith, P.Sathiya, S.Aravindan and S. Arunkumar, NSGA-II based multi objective optimization of friction welding parameters of UNS S 32205 duplex stainless steel, 2nd International conference on Advances in cutting, welding & surfacing, held at CIT, Coimbatore, August 5-7, 2015, pp 279-290.	2015

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Induction Training Programme for Teachers	14-11- 2000 to 27-
2	Applications of Finite Element Methods in Engineering	19-01- 2004 to 31
3	Development of Generic Skills Among Teachers of Engineering and Technology.	31-01- 2005 to 12
4	Decision Support System- Tools and Techniques	01-03- 2005 to 14
5	Computational Biology	09-10- 2006 to 20
6	Entrepreneurship Skills for Engineers	22-02- 2008
7	Finite Element Analysis of Welding	24-01-2008 to 25-
8	Advances in Material Processing	30-06- 2008 to 12
9	Micro-machining	18-12- 2008 to 19
10	Finite Element Analysis for Engineers	14-12- 2009 to 19

Faculty Profile

130.Name Dr. Sajikumar K S



Date of Birth 31/05/1972

Gender Male

Mobile No 9447699086

Faculty Type PERMANENT

Designation Associate Professor

Department Mechanical Engineering

Date of Joining in the Institution 08/05/2001

Qualification(UG) B Tech

Qualification(PG) M Tech

Qualification(Ph. D) Ph. D

Total Experience in years(Teaching) 22 Years

Total Experience in years(Industry) 1 Year

Total Experience in years(Research)

Area of Specialisation Machine Design

No.of Papers Published(National)

No.of Papers Published(International) 4

No.of Papers in conferences(National) 20

No.of Papers in conferences(International) 8

Professional Memberships ISTE

Papers published in International Journals

Papers published in International Journals

Faculty Profile

SL No	Title	Year
1	"Fabrication and characterization of centrifugally cast functionally graded A 356- SiCp metal matrix composites", Elsevier Materials Today: Proceedings, Vol.46, pp.9508-9513, 2021	2021
2	"Fabrication and characterization of centrifugally cast functionally graded A 356- SiCp metal matrix composites", Elsevier Materials Today: Proceedings, Vol.46, pp.9508-9513, 2021	2021
3	"Numerical characterization of the performance of flow rate on a non-contact vortex gripper", Journal of Physics: Conference series, 1355, 012001, 2019	2019
4	"Application of the point stress criterion to assess the bond strength of a single lap joint", Strength of Materials, Vol.46, No.4, pp.518-525, July 2014. 0039-2316/14/4604-0518 © 2014 Springer Science+Business Media New York SCIF	2014

Papers published in National Conferences

SL No	Title	Year
1	"Effect of Ni (2-2.6wt%) addition on the wear and Mechanical properties of hypereutectic Al-Si-Cu-Ni Piston alloy", 17th national conference on Technological trends (NCTT 2016), ppp.1570-1574, 19-20 Aug 2016.	2016
2	"Simulation of Pyro shock on payload Adapter by Mechanical Impact", pp.1674-1679, NCTT 2015, CET, Sep 2015	2015
3	"Design and Analysis of a New Spatial Parallel Manipulator based on Hoe kens Mechanism", NCTT 2014, CET, 22-23 Aug 2014.	2014
4	"Design of an elevator with dual clutch", NCCT 2014, CET, 22-23 August 2014.	2014
5	"Design of Vertical Isolator using Negative Stiffness Mechanism", 14th NCTT, CET, pp.1118-1123, Aug 2013	2013
6	"Estimation of Structural damping loss factor of Magnesium Composites: Circle fit approach", NCTT 2012, CET.	2012
7	"Effects of specific parameters in Sheet Hydro forming", NCTT 2012, CET.	2012
8	"Gridded Honey comb sandwich panel-An optimization study", NCTT 2012, CET, Aug 10-11, 2012.	2012
9	"Finite Element Analysis of EC-2214-R adhesive bonded Single Lap joint", pp.505-512, NCTT 2011, CET.	2011
10	"Energy Absorption Characteristics of Honeycomb Core", pp.494-498, NCTT 2011, CET.	2011
11	"Parametric study on the sensing and Actuating analysis of Piezometric Cantilever bimorph", pp.532-539, NCTT 2011, CET.	2011
12	"Finite Element Analysis of Composite Bonded Single Lap Joint Under Axial Tensile Force", NCTT 2009, CET, pp.39-44, 6-7 Nov 2009.	2009
13	"Fracture Analysis in Adhesive Bonded Joints with centre crack", NCTT 2009, CET, pp.45-50, 6-7 Nov 2009	2009
14	"Design and Analysis of Antenna Mounting Structure for Satellite Applications", NCTT 2007, CET, Vol.3, ME57-62, 30 Nov -1 Dec 2007	2007
15	"Design and Analysis of Blade Stiffened Shells for PSLV", NCTT 2007, Vol.3, ME50-56, 30 Nov -1 Dec 2007	2007
16	"Six stroke Engine", NCTT 2006, CET, M189-193, 17-18 Nov 2006.	2006
17	"Structural optimization using Aboudi's Method of cells", NCTT 2006, CET, M108-112, 17-18 Nov	2006

Faculty Profile	2006	
18	"Flutter Analysis of a sounding Rocket", NCTT 2006, CET, M92-97, 17-18 Nov 2006	2006
19	"Quality Index Analysis of LM 25 and LM 4 Alloys", IITART 2002, CET, Vol.3, 75-84, 5-6 July 2002	2002

Papers published in International Conferences

SL No	Title	Year
1	"Development and validation of finite elements for axisymmetric composite bonded joints", International conference on Mechanics, Materials and Management (IMMM 2017) held at College of Engineering Trivandrum during July 13-15, 2017.	2017
2	"A simple stress fracture criterion for notched tensile strength of laminates and bond Strength of lap-shear specimens", 5th International conference on Recent Advances in Composite Materials, ICRACM-2016, organized by K L University, Andhra Pradesh in association with IIT- BHU, Varanasi during February 6-8, 2017.	2017
3	"Elasto-plastic analysis of fillet weld connections", Proceedings of the First International Conference on Technical Trends (ICTT-2010 held at College of Engineering, Trivandrum during November 25-27, 2010), pp.750-755 (2010).	2010
4	"Fracture simulation of Composite Plates using FEM", 11th National and 1st International Conference on Technological Trends, ICTT 2010, CET, 25-27 Nov 2010	2010
5	"Finite element analysis of single lap adhesively bonded joint under membrane loading". Int. Con. on Mechanics, Materials and Management (IMMM 2010) held at College of Engineering Trivandrum, pp. 843-850, January 14-16, 2010.	2010

Short Terms Courses/Workshops Organized

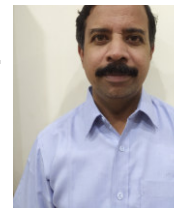
SL No	Title	Year and Sponsc
1	Art of Innovative Teaching and Research	March 9-13, 2015 of Engg. Thiruvan
2	Induction Training for Young Teachers	Mar 2-8, 2011 ,DT Engg. Thiruvanan
3	Automobile Technology: status and Challenges	Dec 14-19, 2009 , Engg. Thiruvanan
4	Refrigeration & Air Conditioning Technolgy: Staus & Challenges	Jan 12-23, 2009 , Engg. Thiruvanan

Positions Held

SL No	Details	Period
1	NSS Programme Officer of College	2007-2012

Faculty Profile

Date of Birth	17/05/1971
Gender	Male
Mobile No	09645947287
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Mechanical Engineering
Date of Joining in the Institution	26/11/2001
Qualification(UG)	BTech
Qualification(PG)	MTech
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	20
Total Experience in years(Industry)	2
Total Experience in years(Research)	7
Area of Specialisation	Cryogenics_ Heat transfer and compact heat exchangers
No.of Papers Published(National)	4
No.of Papers Published(International)	6
No.of Papers in conferences(National)	18
No.of Papers in conferences(International)	8
Professional Memberships	American Society of Thermal and Fluids Engineers (ASTFE), Begell House



132.Name	Dr.V R Rajeev
Date of Birth	25/05/1974
Gender	Male
Mobile No	9895696601
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Mechanical Engineering
Date of Joining in the Institution	12/02/2019
Qualification(UG)	B.Tech in Mechanical Engineering
Qualification(PG)	Machine Design
Qualification(Ph. D)	Tribology
Total Experience in years(Teaching)	21 Years 5 Months
Total Experience in years(Industry)	one year
Total Experience in years(Research)	16 years
Area of Specialisation	Tribology
No.of Papers Published(National)	2
No.of Papers Published(International)	10
No.of Papers in conferences(National)	20
No.of Papers in conferences(International)	15
Professional Memberships	IIM

Ph.D's Guided

Area of Specialisation	Tribology	
University	Kerala University	
Student Name	Thesis Title	Year
Sunil B	Dry wear and friction characteristics of Al-Si-Cu-Ni piston alloys	2020

Projects Guided in Master's Level

Area of Specialisation	Tribology, Metal Matrix Composites	
University	APJ Abdul Kalam Technological University	
Student Name	Project Title	Year
Mr. Harimurali P A	EFFECT OF ABRASIVE PARTICLE SIZE ON THE RECIPROCATING WEAR CHARACTERISTICS OF A356 ALLOY AND ITS COMPOSITES	July, 2021

Papers published in International Journals

SL No	Title	Year
1	John, P., Vamadevan Rajam Rajeev., Mattacaud Ramachandralal, R. and Komalangan, K. (2021), "Dry wear behavior of A356-SiCp functionally graded composite in unidirectional and reciprocating contacts", Industrial Lubrication and Tribology, Vol. 73 No. 8, pp. 1105-1112.	2021
2	AS Karun, TPD Rajan, UTS Pillai, BC Pai, V R Rajeev, A Farook, (2016) "Enhancement in tribological behaviour of functionally graded SiC reinforced aluminium composites by centrifugal casting", Journal of Composite Materials 50 (16), 2255-2269.	2016

Papers published in International Conferences

SL No	Title	Year
1	JP Kumar, VR Rajeev, K Krishnakumar, M Hashim, 2021, "Microstructure and Hardness Evaluation of Functionally Graded A356-20 wt.% SiCp Composite", Advances in Systems Engineering, 235-243, International conference held at IIT Roorkee, Uttarakhand, India	2021
2	Tribological characteristics of as-cast JP Kumar, VR Rajeev, K Krishnakumar, M Hashim, "A356/10wt.% SiCp functionally graded composite dry sliding against EN-31 steel under unidirectional and oscillatory modes" IOP Conference Series: Materials Science and Engineering 814 (1), 012010, International conference held at IISc Bangalore	2020
3	TCJ Bose, M Hashim, VR Rajeev, 2021, "Evaluation of microstructural and mechanical characteristics of stir cast A356/(0 to 20) wt.% SiCp composites" IOP Conference Series: Materials Science and Engineering 1114 (1), 012071, International Conference held at Government Engineering College Thrissur, Kerala, India	2021
4	33.Vishnu V. E., Manesh K. K., V. R. Rajeev and Harish T. V. Effect of process parameters on the Micro Electric Discharge Machining characteristics of A336/ (0-15) wt.% SiC composites, Proceedings of International Conference on Composite Materials and Structures- ICCMS 2017 Hyderabad, 27-29th December 2017, organized by Indian Institute of Technology Hyderabad.	2017
5	T. V. Harish, V.R. Rajeev., Evaluation of Wear Response Under Reciprocating Sliding of A390 alloy When Squeeze Casting Pressure and Stroke Length Vary, presented in the STLE conference at the Las Vegas during 18th May 2016	2016
6	.Sebin Zaviar, Shijil VR, Sinto Raphael, Sreeram R, Sudarsh CK, Dr. Rajeev VR, Dr.Manesh KK , Effect of grain refiner (0 to 1 wt. % Al-5Ti-B) addition on the micro- structural and hardness characteristics of Al 336 alloy, in International Conference on Materials Mechanics and Management, IMMM 2017, Organised by College of Engineering Trivandrum, Kerala, India during 13-15 July 2017.	2017


Patents/Grants Fetched

SL No	Patent	Grant
1	1. Patent Application No: 201841001490A dtd. 12/01/2018 with title "AN INTEGRATED TEST	

Faculty Profile	BENCH DEVICE FOR TESTING OF FRICTIONAL BEHAVIOR OF MATERIALS" (*Inventors: Paul G Panicker, N. Sasi, Dr V R Rajeev, Dr N Asok Kumar. *Applicant: College of Engineering Trivandrum) *Status: Published in the official journal of the patent office on 19/087/2019 (Journal No: 29/2019).
2	3. Patent Application No: 202041020451 dtd. 14th May 2020 with title "Pin-OnReciprocating Plate Tribometer With A Provision For Changing Stroke Length" (*Inventors: Dr.Harish T V, Dr V R Rajeev. *Applicant: College of Engineering Trivandrum) *Status: Request for Examination of patent filed on 26/10/2021.

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Coordinated National Workshop on Challenges and Opportunities in Pumped Storage Hydro Electric Power Plants jointly organized by Kerala State Electricity Board Limited and College of Engineering Trivandrum from 25th to 26th April 2016.	2016,KSEB Trivar
2	Organized short term course on "Composite Materials and Finite Element Modeling" held at The Department of Mechanical Engineering, College of Engineering Trivandrum during 25th -29th November 2013	2013,DTE
3	Organized short term course on "Composite Materials" held at The Department of Mechanical Engineering, College of Engineering Trivandrum during 29th February to 2nd March 2013	2013,DTE

133.Name	PRASANTH V.S.	
Date of Birth	27/03/1973	
Gender	Male	
Mobile No	9446951642	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Mechanical Engineering	
Date of Joining in the Institution	08/03/2019	
Qualification(UG)	B.Tech in Mechanical Engineering	
Qualification(PG)	M.Tech Machine Design	
Qualification(Ph. D)	Ongiong	
Total Experience in years(Teaching)	18 years	

Total Experience in 1

years(Industry)
Faculty Profile

Total Experience in years(Research)	3
Area of Specialisation	Bio fluid and Solid Mechanics
No.of Papers Published(National)	0
No.of Papers Published(International)	0
No.of Papers in conferences(National)	0
No.of Papers in conferences(International)	0
Professional Memberships	ISTE member

134.Name **Rakesh P**

Date of Birth	27/11/1973
Gender	Male
Mobile No	9497574370
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Mechanical Engineering
Date of Joining in the Institution	8/03/2019
Qualification(UG)	B Tech in Mechanical Engineering
Qualification(PG)	M E In Aersospace Engineering
Qualification(Ph. D)	aerospace engineering
Total Experience in years(Teaching)	22 years
Total Experience in years(Industry)	nil
Total Experience in years(Research)	nil

Area of Specialisation propulsion

Faculty Profile

No.of Papers

Published(National)

No.of Papers Published(International)	2
--	---

No.of Papers in conferences(National)	8
--	---

No.of Papers in conferences(International)	5
---	---

Professional Memberships	ISTE, Combustion Institute
-----------------------------	----------------------------

135.Name	SASI N
-----------------	---------------



Date of Birth	20/05/1969
---------------	------------

Gender	Male
--------	------

Mobile No	9446304993
-----------	------------

Faculty Type	PERMANENT
--------------	-----------

Designation	Associate Professor
-------------	---------------------

Department	Mechanical Engineering
------------	------------------------

Date of Joining in the Institution	08/03/2001
---------------------------------------	------------

Qualification(UG)	B-TECH
-------------------	--------

Qualification(PG)	M-TECH
-------------------	--------

Qualification(Ph. D)	
----------------------	--

Total Experience in years(Teaching)	21
--	----

Total Experience in years(Industry)	6
--	---

Total Experience in years(Research)	3
--	---

Area of Specialisation	ENERGY MANAGEMENT
------------------------	-------------------

No.of Papers Published(National)	
-------------------------------------	--

No.of Papers	
--------------	--

Published(International)
Faculty Profile

No.of Papers in
conferences(National) 1

No.of Papers in
conferences(International)

Professional
Memberships ISNT

136.Name **VINEETHA S DAS**



Date of Birth 21/05/1973

Gender Female

Mobile No 09847266963

Faculty Type PERMANENT

Designation Associate Professor

Department Mechanical Engineering

Date of Joining in the
Institution 29/07/2016

Qualification(UG) Mechanical Engineering

Qualification(PG) Industrial Engineering

Qualification(Ph. D) Industrial Engineering

Total Experience in
years(Teaching) 19 years

Total Experience in
years(Industry) 3 Years

Total Experience in
years(Research)

Area of Specialisation Financial Engineering

No.of Papers
Published(National) 0

No.of Papers
Published(International)

No.of Papers in
conferences(National) 1

No.of Papers in

Professional
Memberships

Projects Guided in Master's Level

Area of Specialisation	Financial Engineering	
University	Kerala Technological University	
Student Name	Project Title	Year
Varsha S	Economic Growth and Financial Development in Indian States: A Comparative Study	2021
Greeshma T	Evaluating The Presence of Herding Behaviour in Different Sectors of Indian Equity Market	2021
Harikrishnan KG	Performance analysis of Indian IPOs Highlighting the Influencing Factors and Their Effects	2021
Ann Rose T D	Content and Sentiment Analysis of Articles on Top 5 e- Commerce Companies in India During Covid 19	2021
Asif S Thaha	Landslide Susceptibility Mapping for Kerala	2021

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Data Analysis Using Statistical Learning Techniques	6 Days

137.Name **Abhilash R**



Date of Birth	27/03/1979
Gender	Male
Mobile No	9895955657
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	30/07/2016
Qualification(UG)	B Tech
Qualification(PG)	M Tech

Qualification(Ph. D) PhD

Faculty Profile	
Total Experience in years(Teaching)	14
Total Experience in years(Industry)	0
Total Experience in years(Research)	2
Area of Specialisation	Fluid mechanics, Thermodynamics
No.of Papers Published(National)	0
No.of Papers Published(International)	3
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	3
Professional Memberships	ISHMT

Papers published in International Journals

SL No	Title	Year
1	Three dimensional analysis of natural convection in a narrow vertical annulus closed at top and opened at bottom International Journal of Thermal Sciences	2018
2	Topological investigation of junction flow between cylinder and flat plate, I Meche Journal of Mechanical Engineering Sciences	2021
3	Theoretical Modeling of droplet extension on Hydrophobic Surfaces, International journal of Cimputational Fluid Dynamics	2021

138.Name ABHILASH SURYAN R



Date of Birth 15/12/1973

Gender Male

Mobile No 8281211932

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Faculty Profile	
Date of Joining in the Institution	01/02/2014
Qualification(UG)	B. Tech. (Mechanical Engineering)
Qualification(PG)	M. Tech. (Mechanical Engineering)
Qualification(Ph. D)	PhD (Gas Dynamics)
Total Experience in years(Teaching)	20 years
Total Experience in years(Industry)	4 years
Total Experience in years(Research)	14 years
Area of Specialisation	Aerospace Engineering, Gas Dynamics, Energy
No.of Papers Published(National)	4
No.of Papers Published(International)	38
No.of Papers in conferences(National)	36
No.of Papers in conferences(International)	81
Professional Memberships	1. Life Member, AIAA, American Institute of Aeronautics and Astronautics. Life Member, AeSI, Aeronautical Society of India. 3. Life Member, ISTE, Indian Society for Technical Education

Papers published in International Journals


SL No	Title	Year
1	Selection of working fluids for solar organic Rankine cycle—A review International Journal of Energy Research, https://doi.org/10.1002/er.7723	2022
2	Investigation of optimal water utilization for water spray cooled photovoltaic panel: A three-dimensional computational study, Sustainable Energy Technologies and Assessments, https://doi.org/10.1016/j.seta.2022.101975	2022
3	Analysis of battery thermal management system for electric vehicles using 1-Tetradecanol phase change material, Sustainable Energy Technologies and Assessments, https://doi.org/10.1016/j.seta.2021.101943	2022
4	Advancements in renewable energy transition in India: A review, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, https://doi.org/10.1080/15567036.2021.2024921	2022
5	Wind power resource assessment and wind-hydrogen generation potential: a case study, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, https://doi.org/10.1080/15567036.2022.2026537	2022
6	Combustion efficiency improvement for scramjet combustor with strut based flame stabilizer using passive techniques, International Journal of Hydrogen Energy 46 (80), 40054-40072	2021
7	Numerical analysis of flowfield in linear plug nozzle with base bleed, Journal of Spacecraft and Rockets 58 (6), 1786-1798	2021
8	Computational investigation of cooling effectiveness for film cooled dual-bell exhaust nozzle for	2021

Faculty Profile	LO2/LH2 liquid rocket engines, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, https://doi.org/10.1080/15567036.2021.1963885	
9	Buzz characteristics and separation bubble dynamics in supersonic intake, Aerospace Science and Technology, https://doi.org/10.1016/j.ast.2021.106795	2021
10	Revision of Undergraduate Engineering Curriculum with Emphasis on Project-Based Teaching Learning Approach-Case Study of KTU, Journal of Engineering Education Transformations 34 (3), 7-15	2021
11	Visualization of flow through planar double divergent nozzles by computational method, Journal of Visualization, 24, pages711–732	2021
12	Computational Study on the Flow Characteristics in a Film Cooled Dual-Bell Nozzle, Proceedings of 16th Asian Congress of Fluid Mechanics, 225-232	2021
13	Comparison of Flow Features Inside a Plain Orifice Injector for Different Length-to-Diameter Ratios, Proceedings of 16th Asian Congress of Fluid Mechanics, 43-49	2021
14	Investigation of flow characteristics in supersonic combustion ramjet combustor toward improvement of combustion efficiency, International Journal of Energy Research 45 (1), 231-253	2021
15	Effects of flap on the reentry aerodynamics of a blunt cone in the supersonic flow, International Journal of Mechanical Sciences 176, 105396	2020
16	Computational study on reducing flow asymmetry in over-expanded planar nozzle by incorporating double divergence, Aerospace Science and Technology 100, 105790	2020
17	Numerical Simulation on Optimization of Pintle Base Shape in Planar Expansion-Deflection Nozzles, Journal of Spacecraft and Rockets 57 (3), 539-548	2020
18	Computational investigation on the flow characteristics in beam dyeing process, The Journal of The Textile Institute 111 (3), 434-446	2020
19	Trans-disciplinary Project Based Learning Models for Community Service, Procedia Computer Science 172, 735-740	2020
20	Disruptions in Engineering Education: Perceptions of Mid-Career Academicians, Procedia Computer Science 172, 797-802	2020
21	Numerical Investigation on Flow Separation Characteristics of Truncated Ideal Contour Nozzles, Recent Asian Research on Thermal and Fluid Sciences, 365-377	2020
22	Assessment of Aerodynamic Characteristics on Shock Vector Control, Recent Asian Research on Thermal and Fluid Sciences, 669-685	2020
23	Pseudo Shock Wave in a Slotted Duct of Constant Area, Recent Asian Research on Thermal and Fluid Sciences, 341-352	2020
24	Flow Characteristics of Confined G-CO ₂ and S-CO ₂ Jets, Recent Asian Research on Thermal and Fluid Sciences, 281-295	2020
25	Experimental and Numerical Investigation of Sloshing Phenomenon in Cylindrical and Rectangular Tanks Subjected to Linear Excitation, Recent Asian Research on Thermal and Fluid Sciences, 251-263	2020
26	Experimental Study on Temperature Profile Within a Compressed Air Tank, Recent Asian Research on Thermal and Fluid Sciences, 173-187	2020
27	Estimation of Shear-Induced Blood Damage in Artificial Heart Valve Components, Recent Asian Research on Thermal and Fluid Sciences, 447-465	2020
28	Estimation of Shear-Induced Blood Damage in Artificial Heart Valve Components, Recent Asian Research on Thermal and Fluid Sciences, 447-465	2020
29	Estimation of Shear-Induced Blood Damage in Artificial Heart Valve Components, Recent Asian	2020

Faculty Profile		Research on Thermal and Fluid Sciences, 447-465
30	A Numerical Study on Planar Nozzles with Different Divergence Angles, Recent Asian Research on Thermal and Fluid Sciences, 133-146	2020
31	Performance of ejector refrigeration cycle based on solar energy working with various refrigerants, Journal of Thermal Analysis and Calorimetry, 1-12	2020
32	Investigation on the effect of baffle position on sloshing in tanks, AIP Conference Proceedings 2134 (1), 040005	2019
33	Study of flow characteristics of supersonic flow through pipe bends, AIP Conference Proceedings 2134 (1), 040007	2019
34	Study of flow characteristics of supersonic flow through pipe bends, AIP Conference Proceedings 2134 (1), 040007	2019
35	Numerical study of flow through planar double divergent nozzles, AIP Conference Proceedings 2134 (1), 020006	2019
36	Study on reduction in pressure losses in pipe bends using guide vanes, Journal of Visualization 22 (4), 795-807	2019
37	Study of Conical Aerospike Nozzles with Base-Bleed and Freestream Effects, Journal of Spacecraft and Rockets 56 (4), 990-1005	2019
38	Computational study on flow through truncated conical plug nozzle with base bleed, Propulsion and Power Research 8 (2), 108-120	2019
39	Energy efficiency analysis of wet compression systems through thermo-fluid dynamic considerations, Journal of Cleaner Production 214, 132-144	2019
40	Energy efficiency analysis of wet compression systems through thermo-fluid dynamic considerations, Journal of Cleaner Production 214, 132-144	2019
41	Energy efficiency analysis of wet compression systems through thermo-fluid dynamic considerations, Journal of Cleaner Production 214, 132-144	2019
42	Energy efficiency analysis of wet compression systems through thermo-fluid dynamic considerations, Journal of Cleaner Production 214, 132-144	2019
43	Energy efficiency analysis of wet compression systems through thermo-fluid dynamic considerations, Journal of Cleaner Production 214, 132-144	2019

Awards Received

SL No	Title	Organisation
1	Researcher of the Year	APJ Abdul Kalam

139.Name	ALEX LOUIS	
----------	------------	---

Date of Birth 09/04/1985

Faculty Profile	
Gender	Male
Mobile No	9497271429
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	07/12/2022
Qualification(UG)	B-TECH IN MECHANICAL STREAM PRODUCTION
Qualification(PG)	M-TECH IN PRODUCTION ENGINEERING
Qualification(Ph. D)	
Total Experience in years(Teaching)	7 YEARS
Total Experience in years(Industry)	4 YEARS
Total Experience in years(Research)	
Area of Specialisation	PRODUCTION
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

140.Name **ANVER SADATH A**



Date of Birth	28/05/1980
Gender	Male
Mobile No	9446107092

Faculty Type PERMANENT

Faculty Profile	
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	01/6/2016
Qualification(UG)	INDUSTRIAL REFRIGERATION&CRYOGENICS
Qualification(PG)	
Qualification(Ph. D)	
Total Experience in years(Teaching)	15
Total Experience in years(Industry)	1
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

141.Name **ARUN B S**



Date of Birth	25/05/1986
Gender	Male
Mobile No	7012758987
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering

Date of Joining in the 05/08/2019

Institution Faculty Profile

Qualification(UG)	B TECH
Qualification(PG)	M TECH
Qualification(Ph. D)	
Total Experience in years(Teaching)	10
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	MACHINE DESIGN
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Papers published in International Journals

SL No	Title	Year
1	International Journal of Scientific & Engineering Research, Volume 5, Issue 7, July-2014-ISSN 2229-5518 Numerical simulation of hole drilling method to determine residual stress.	2014

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Orientation Towards Technical Education and Curriculum Aspects	8 weeks
2	Professional Ethics and Sustainability	8 weeks
3	Communication Skills Modes and Knowledge Dissemination	8 weeks
4	Technology Enabled Learning and Life Long Self Learning	8 weeks
5	Creative Problem Solving Innovation and Meaningful R and D	8 weeks
6	Institutional Management and Administrative Procedures	8 weeks
7	Instructional Planning and Delivery	8 weeks
8	Student Assessment and Evaluation	8 weeks

Faculty Profile

142.Name **ASOK KUMAR N**



Date of Birth 31/05/1972

Gender Male

Mobile No 9446101215

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the Institution 10/06/2009

Qualification(UG) B.Tech

Qualification(PG) M.Tech

Qualification(Ph. D)

Total Experience in years(Teaching) 14

Total Experience in years(Industry)

Total Experience in years(Research)

Area of Specialisation Industrial Engineering

No.of Papers Published(National)

No.of Papers Published(International)

No.of Papers in conferences(National) 2


No.of Papers in conferences(International) 2

Professional Memberships

143.Name **BONY JOHN**




Faculty Profile	
Date of Birth	06/08/1984
Gender	Male
Mobile No	9447130516
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	06/12/2021
Qualification(UG)	B.Tech in Mechanical Engineering
Qualification(PG)	M. Tech in Energy Management
Qualification(Ph. D)	Ph. D
Total Experience in years(Teaching)	16 years
Total Experience in years(Industry)	nil
Total Experience in years(Research)	7 years
Area of Specialisation	Design and Optimization of Hybrid Energy Systems
No.of Papers Published(National)	1
No.of Papers Published(International)	3
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	1
Professional Memberships	ISTE, ISHMT

144.Name	BONY JOHN	
Date of Birth	06/08/1984	
Gender	Male	
Mobile No	9447130516	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Mechanical Engineering	
Date of Joining in the Institution	06/12/2021	

Qualification(UG)	B.Tech in Mechanical Engineering
-------------------	----------------------------------

Faculty Profile	
Qualification(PG)	M. Tech in Energy Management
Qualification(Ph. D)	Ph. D
Total Experience in years(Teaching)	16 years
Total Experience in years(Industry)	nil
Total Experience in years(Research)	7 years
Area of Specialisation	Design and Optimization of Hybrid Energy Systems
No.of Papers Published(National)	1
No.of Papers Published(International)	3
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	1
Professional Memberships	ISTE, ISHMT

145.Name	BONY JOHN	
Date of Birth	06/08/1984	
Gender	Male	
Mobile No	9447130516	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Mechanical Engineering	
Date of Joining in the Institution	06/12/2021	
Qualification(UG)	B.Tech in Mechanical Engineering	
Qualification(PG)	M. Tech in Energy Management	
Qualification(Ph. D)	Ph. D	
Total Experience in years(Teaching)	16 years	
Total Experience in years(Industry)	nil	

Total Experience in	7 years
---------------------	---------

years(Research)

Faculty Profile

Area of Specialisation	Design and Optimization of Hybrid Energy Systems
No.of Papers Published(National)	1
No.of Papers Published(International)	3
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	1
Professional Memberships	ISTE, ISHMT

146.Name **BONY JOHN**



Date of Birth	06/08/1984
Gender	Male
Mobile No	9447130516
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	06/12/2021
Qualification(UG)	B.Tech in Mechanical Engineering
Qualification(PG)	M. Tech in Energy Management
Qualification(Ph. D)	Ph. D
Total Experience in years(Teaching)	16 years
Total Experience in years(Industry)	nil
Total Experience in years(Research)	7 years

Area of Specialisation	Design and Optimization of Hybrid Energy Systems
No.of Papers Published(National)	1
No.of Papers Published(International)	3
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	1

Professional ISTE, ISHMT

147.Name **BONY JOHN**



Date of Birth 06/08/1984

Gender Male

Mobile No 9447130516

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the Institution 06/12/2021

Qualification(UG) B.Tech in Mechanical Engineering

Qualification(PG) M. Tech in Energy Management

Qualification(Ph. D) Ph. D

Total Experience in years(Teaching) 16 years

Total Experience in years(Industry) nil

Total Experience in years(Research) 7 years

Area of Specialisation Design and Optimization of Hybrid Energy Systems

No.of Papers Published(National) 1

No.of Papers Published(International) 3

No.of Papers in conferences(National) 2

No.of Papers in conferences(International) 1

Professional Memberships ISTE, ISHMT

Papers published in International Journals

SL No


Title

Year

Faculty Profile		
1	Bony John, Rony N Thomas and James Varghese, Integration of hydrokinetic turbine-PV-battery standalone system for tropical climate condition, Renewable Energy, 149, 361-373, 2020. https://doi.org/10.1016/j.renene.2019.12.014	2020
2	Bony John and James Varghese, Sizing and techno-economic analysis of hydrokinetic turbine based standalone hybrid energy systems, Energy, 221, 119717, 2021. https://doi.org/10.1016/j.energy.2020.119717	2021
3	Bony John and James Varghese, Optimum sizing of hydrokinetic turbine integrated photovoltaic-battery system incorporating uncertainties of resources, International Journal of Green Energy, 10.1080/15435075.2021.1875472, 2021. https://doi.org/10.1080/15435075.2021.1875472	2021

Papers published in International Conferences

SL No	Title	Year
1	Numerical Analysis and Power Prediction of a Savonius Hydrokinetic Turbine	2018

148.Name	Dr Anjan R Nair	
Date of Birth	15/09/1983	
Gender	Male	
Mobile No	09446536920	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Mechanical Engineering	
Date of Joining in the Institution	06/06/2015	
Qualification(UG)	B.Tech Mechanical Engineering	
Qualification(PG)	Propulsion Engineering	
Qualification(Ph. D)	Nanotechnology	
Total Experience in years(Teaching)	10	
Total Experience in years(Industry)	2	
Total Experience in years(Research)		
Area of Specialisation		
No.of Papers		

No.of Papers Published(International)	6
---------------------------------------	---

No.of Papers in conferences(National)	
---------------------------------------	--

No.of Papers in conferences(International)	2
--	---

Professional Memberships	3 memberships AeSI, ISHMT, IEI
--------------------------	--------------------------------

Papers published in International Journals

SL No	Title	Year
1	Experimental and numerical study on heat transfer enhancement of flat tube radiator using Al ₂ O ₃ and CuO nanofluids	2017
2	Investigations on Convective Heat Transfer Enhancement in Circular Tube Radiator Using Al ₂ O ₃ and CuO Nanofluids	2018
3	Heat Transfer Across Nanoparticle–Liquid Interfaces	2016
4	An experimental study on the effect of nanoparticle shape on the dynamics of Leidenfrost droplet impingement	2021

Papers published in International Conferences

SL No	Title	Year
1	Determination Of Heat Transfer Characteristics Employing Modified Maximum Slope Method For Porous Media Heat Exchanger Using Al ₂ O ₃ –Water Nanofluids	2019

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Trends in advanced manufacturing technology innovations	2015,DTE
2	Molecular Modeling for Engineers	2016,DTE

Positions Held

SL No	Details	Period
1	IPR Coordinator	2016 to present
2	ASAP/ASDP Coordinator	2016 present
3	Mens Hostel Warden	2021 present

Faculty Profile



Date of Birth	08/06/1985
Gender	Male
Mobile No	+919496330263
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	01/02/2022
Qualification(UG)	B. Tech Mechanical Engineering
Qualification(PG)	M. Tech Industrial Refrigeration and Cryogenic Engineering
Qualification(Ph. D)	Mechanical Engineering
Total Experience in years(Teaching)	12 Years
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	4 Years
Area of Specialisation	Industrial Refrigeration and Cryogenic Engineering
No.of Papers Published(National)	1
No.of Papers Published(International)	5
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	3
Professional Memberships	

Papers published in National Journals

SL No	Title	Year
1	Gijoy S., K.E. Reby Roy, "Transient thermal disturbance of HTS Roebel cable exposed to sudden cooling failure", Vishwakarma Journal of Engineering Research 4 (3), 55-70, 2020.	2020

Papers published in International Journals

SL No	Title	Year
-------	-------	------

Faculty Profile		
1	Gijoy S., K.E. Reby Roy, "The Importance of Geometrical Parameters on the Mechanical Stability of Roebel Cables." IEEE Transactions on Applied Superconductivity, IEEE publications, vol. 31, no. 1, pp. 1-7, Jan. 2021, Art no. 6600107. https://doi.org/10.1109/TASC.2020.3020246	2021
2	Gijoy S., K.E. Reby Roy, "Influence analysis of the geometrical parameters on the electro-mechanical stability of HTS Roebel cables." Engineering Failure Analysis, Elsevier publishing, https://doi.org/10.1016/j.engfailanal.2020.104804	2020
3	Gijoy S., K.E. Reby Roy, "3D Finite Element Electromagnetic Analysis of a 14-Strand HTS Roebel Cable", Journal of Superconductivity and Novel Magnetism, Springer Nature Publishing, vol. 33, no. 6, pp. 1709–1719, 2020. https://doi.org/10.1007/s10948-020-05465-7	2020
4	Gijoy S, Abhilash S S, Hari Krishnan S J, "Optimization of Wire Electrical Discharge Machining Process Parameters Using Taguchi Method", International Journal of Current Engineering and Scientific Research (IJCESR), Volume-4, Issue-7, 2017.	2017
5	Gijoy S, Abhilash S S, Manu Krishnan, "Finite Element Electromagnetic and Mechanical Analysis of Micropump", International Journal of Latest Technology in Engineering, Management and Applied Science, Volume VI, Issue VIII, June 2017.	2017

Papers published in National Conferences

SL No	Title	Year
1	Gijoy S, Harsha R Nair, Abhilash S S, Nebu Jacob "3D Transient Thermal Analysis and Static Structural Analysis of Magnetic Particle Clutch Having Double Working Gap", National Conference on Computational Heat transfer Fluid Flow and Energy Systems, January 2018	2018

Papers published in International Conferences

SL No	Title	Year
1	Gijoy S., K.E. Reby Roy, "Transient thermal disturbance of HTS Roebel cable exposed to sudden cooling failure" 3rd International Virtual Conference on "Recent Trends in Engineering & Technology" on 28th November 2020 at Vishwakarma Institute of Information Technology, Pune - 48.	2020
2	Gijoy S., K.E. Reby Roy, Finite element analysis of the influence of crossing of strands in the mechanical stability of Roebel cables, 2nd International Mechanical Engineering Congress – 2019 IMEC 2019, 29th November 2019 – 1st December 2019 at NIT Tiruchirappalli.	2019
3	Gijoy S, Muhammed Sadikh, "Experimental Analysis And Simulation Of An Energy Efficient Refrigerator Cum Water Heater", International Conference on Recent Advances in Mechanical Engineering (ICRAME 2010), Noorul Islam University, Kumaracoil, Thuckalay.	2010

Awards Received

SL No	Title	Organisation
1	Govt. of Kerala, NSS Technical Cell, Directorate Level Best Programme Officers Award 2015-16	Govt. of Kerala, N


Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Online Faculty Development Programme on Advances in Heat Transfer and Its Applications organized by the Department of Mechanical Engineering, College of Engineering Perumon during March 15th to 20th, 2021 under the sponsorship of TEQIP II.	March 15th to 20th

2	TEQIP-III sponsored one week online short term course on "Multi-Scale Computational Fluid	September 21-25,
---	---	------------------

Faculty Profile	Dynamics: Fundamentals and Applications” held on September 21-25, 2020, organized by Dr. B. R. Ambedkar National Institute of Technology Jalandhar, Punjab, India.	
3	One Week AICTE, sponsored online STTP Series on RECENT ADVANCES IN TRIBOLOGY AND SURFACE ENGINEERING: Series 2 of 4 - Tribology of Machine Components and Applied Tribology, organized by Saintgits College of Engineering, Kottayam, 14th to 19th Sep 2020	14th to 19th Sep 2020
4	One Week AICTE sponsored online STTP Series on RECENT ADVANCES IN TRIBOLOGY AND SURFACE ENGINEERING: Series 3 of 4-Introduction to Special Topics like Nanotribology, Biotribology, organized by Saintgits College of Engineering, Kottayam, 12th to 17th Oct 2020	12th to 17th Oct 2020
5	Online Workshop on "COMPUTATIONAL FLUID DYNAMICS - AN APPROACH FOR RESEARCH" sponsored by TEQIP II organized by TKM College of Engineering, Kollam from 21st to 22nd September 2020.	21st to 22nd Sept 2020
6	Workshop on "Computational Fluid Dynamics Applications In Heat And Mass Transfer" at TKM College of Engineering, Kollam	3 days
7	TEQIP Sponsored Indo-Malaysian Workshop on "Biocomposites and Sustainable Forestry" held at TKM College of Engineering, Kollam, India on 13th November 2019	13th November 2019
8	Short term course on Research Challenges in Data Analytics at SCTCE-Trivandrum from 6 to 12 December 2018	from 6 to 12 Dec 2018
9	FDP on Recent Advances in Nano Technology at Painavu– Idukki from 18th to 22nd December 2018	from 18th to 22nd Dec 2018
10	Short Term course on Education Technology at TKM- Kollam from 12th to 17th January 2018	from 12th to 17th Jan 2018
11	National Conference on Computational Heat transfer Fluid Flow and Energy Systems at SCTCE-Trivandrum from 19th to 20th January 2018	from 19th to 20th Jan 2018
12	FDP on Research Methodology at SCTCE-Trivandrum from 5th to 9th Feb 2018	from 5th to 9th Feb 2018
13	Conference on Entrepreneurship A National Imperative at FISAT-Angamaly from 11th June 2016	from 11th June 2016
14	FDP on How do I Start My Research at TKM- Kollam from 20th to 22nd July 2016	from 20th to 22nd July 2016
15	Programme officers Annual Conference at MITS – Varikoli from 15th to 16th October 2016	from 15th to 16th Oct 2016
16	IEDC Nodal Officers Induction Program at MITS – Varikoli from 30th to 31st October 2016	from 30th to 31st Oct 2016
17	Short Term course on Application of Mathematics in Engineering at TKM- Kollam from 23rd to 28th January 2017	from 23rd to 28th Jan 2017
18	Short Term course on Combustion Theory and Computational Techniques at TKM- Kollam from 16th to 21st November 2015	from 16th to 21st Nov 2015
19	National Youth Convention at Indian Youth for Skill Development and Harmony at Raipur – Chhattisgarh from 12th to 16th January 2016	from 12th to 16th Jan 2016
20	Advanced Technologies in Mechanical Engineering Science National Conference at BJI-Kollam on 19th February 2016	on 19th February 2016
21	Programme officers Orientation Course at Rajagirri - Kalamassery 23rd to 29th October 2014	23rd to 29th Oct 2014
22	Short Term course on Design Realisation and Testing of Advanced Composites and Sandwich structures at SCTCE-Trivandrum from 27th to 29th November 2014	from 27th to 29th Nov 2014
23	Master Trainers South Zone Workshop - e governance for Good Governance at Younis College –	from 17th to 18th Nov 2014

Faculty Profile	Kollam from 17th to 18th January 2015	
24	Emerging Trends in Cyber Security, National Seminar, SCTCE-Trivandrum, 21st to 22nd Novemeber 2013	21st to 22nd Novemeber 2013
25	AICTE Sponsored FDP on Trends And Advancements in Aerospace Engineering SCTCE-Trivandrum from 17th to 30th October 2013	from 17th to 30th October 2013
26	Faculty Development Program in Entrepreneurship at Technopark -TBI, Trivandrum from 9th to 21st December 2013	from 9th to 21st December 2013
27	Short Term course and Induction Training Program at SCTCE-Trivandrum from 3rd to 12th December 2012	from 3rd to 12th December 2012

150.Name	Dr. Rani.S	
Date of Birth	22/12/2022	
Gender	Female	
Mobile No	09746814008	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Mechanical Engineering	
Date of Joining in the Institution	15-7-2016	
Qualification(UG)	Btech- Mechanical-1993	
Qualification(PG)	Mtech - Machine Design 1996	
Qualification(Ph. D)	Tribology - 2015	
Total Experience in years(Teaching)	13 years	
Total Experience in years(Industry)		
Total Experience in years(Research)		
Area of Specialisation	Machine Design	
No.of Papers Published(National)		
No.of Papers Published(International)	18	
No.of Papers in	1	

No.of Papers in
conferences(International)

23

Professional
Memberships

TSI Member

Papers published in International Journals

SL No	Title	Year
1	Potential use of transesterified vegetable oil blends as base stocks for metalworking fluids and cutting forces prediction using machine learning tool , Biomass Conversion and Biorefinery	2021
2	Experimental and quantum chemical investigation of bio ₁ fuels/lubricants for its oxidative stability , Journal of Molecular Liquids	2021
3	Effect of Bovine Serum Albumin on the Lubricant Properties of Rice Bran Oil: A Biomimetic approach , Sadhana	2021
4	Vegetable oil-based cutting fluids and its behavioral characteristics in machining process: a review , Industrial Lubrication and Tribology	2021
5	Influence of grease formulation parameters on the tribological property of rice bran oil based lubricating grease JAOCS	2021
6	Formulation & Tribological property evaluation of rice bran oil based lubricating grease with sebacic acid as a complexing agent, Biomass Conversion and Biorefinery	2021
7	Formulation of bio-lubricant based on modified rice bran oil with stearic acid as an anti-wear additive, Institute of Mechanical Engineers Part J: Journal of Engineering Tribology	2020
8	Viscosity prediction of Pongamia pinnata (Karanja) Oil by molecular dynamics simulation using GAFF and OPLS force field, Journal of Molecular Graphics and Modelling	2020
9	Chemical Modification and Tribological Evaluation of Pure Rice bran oil as Base Stocks for Biodegradable Lubricants, Journal of The institution of Engineers (India) Series E	2020
10	Evaluation of the tribological properties and oxidative stability of epoxidized and ring opened products of pure rice bran oil, Institute of Mechanical Engineers Part J: Journal of Engineering Tribology	2020
11	Effect of Turmeric Oil and Halloysite Nano Clay as Anti ₁ oxidant and Anti-Wear Additives in Rice Bran Oil, Institute of Mechanical Engineers Part J: Journal of Engineering Tribology	2020
12	Parameter optimization and wear characteristics of nano CuO/Ni composite coating by brush plating technique, Institute of Mechanical Engineers Part J: Journal of Engineering Tribology	2020
13	The evaluation of lubricant properties and environmental effect of Bio-lubricant developed from Rice Bran Oil, International Journal of Surface science and Engineering	2017
14	The tribological behavior of TiO ₂ , CeO ₂ and ZrO ₂ nano particles as a lubricant additive in rice bran oil , International Journal of Scientific & Engineering Research	2016
15	Evaluation of physiochemical and tribological properties of rice bran oil – biodegradable and potential base stock for industrial lubricants, Industrial crops and products	2015
16	A comparative study of polymeric additives as biodegradable viscosity boosters for bio lubricant formulations, Institute of Mechanical Engineers Part J: Journal of Engineering Tribology	2015

Patents/Grants Fetched

SL No

Patent

Grant

Faculty Profile

1 A GREEN CUTTING FLUID EMULSION COMPOSITION, No. 201941031466 dtd. 3/08/2019,
India, Published in Indian Patent Office

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	"Recent Trends in Tribology and Surface Characterization" held at The Department of Mechanical Engineering, College of Engineering Trivandrum	2018,QIP , AICTE

151.Name Harish Kumar B



Date of Birth 05/05/1980

Gender Male

Mobile No 9496399511

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the
Institution 11/06/2019

Qualification(UG) B-Tech in ME

Qualification(PG) M-Tech in CIM

Qualification(Ph. D)

Total Experience in
years(Teaching) 13

Total Experience in
years(Industry) 8

Total Experience in
years(Research)

Area of Specialisation Manufacturing Technology

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in 1

No.of Papers in conferences(International)	1
--	---

Professional Memberships	ISTE Life Member
--------------------------	------------------

Papers published in National Conferences

SL No	Title	Year
1	Challenges in Drilling traits of Natural Fiber Reinforced composite - National conference on advances in energy efficient technologies (NCAEET 19)organized by the department of Mechanical Engineering Marian Engineering College TVM On 03/04/2019	2019

Papers published in International Conferences

SL No	Title	Year
1	Optimization and Analysis of abrasive wear of Agro waste reinforced composites by RSM design matrix-International Conference on Energy and Materials Technologies (ICEMT-2021) Organized by the department of Mechanical Engineering, SSNCE during Aug 20-21, 2021 Receives the Best Paper Award.	2021

Books Published

SL No	Title	Coauthors
1	RECENT DEVELOPMENTS OF FIBER REINFORCED POLYMER COMPOSITES IN AUTOMOTIVE	Sonia S Raj, Dr. E

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	AICTE/MHRD sponsored summer school on “Intelligent Control in Robotics & Automation”	(06/12/2004 to 18
2	Workshop on “Teaching-learning process in Engineering Education”	one day (29th Jan
3	Electrical & Electronics Maintenance (Fanuc system) Training Conducted by	(09/05/2005 to 14
4	CNC Part Programming (Fanuc system) Training	(25/04/2005 to 30
5	Workshop on “Finite Element Method”	(14th June 2007)
6	FINITE ELEMENT METHOD	(05/03/2007 to 30

Faculty Profile

7	AICTE/MHRD sponsored summer school on "Alternate Energy Sources"	(18/08/2008 to 22
8	AICTE/MHRD sponsored STP on "Building Integrated Photovoltaic Thermal Systems"	(08/02/2011 to 14,
9	AICTE/MHRD sponsored STP on "Photovoltaic Thermal (PVT) Applications"	(09/12/2011 to 15,
10	KTU sponsored FDP on "Emerging trends in IC engine Combustions & Emission"	(24/06/2019 to 28,

Positions Held

SL No	Details	Period
1	Coordinator CET TBI	2019 - November

152.Name **HARISH T V**



Date of Birth	25/11/1973
Gender	Male
Mobile No	9495483226
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	02/08/2017
Qualification(UG)	MECHANICAL STREAM INDUSTRIAL ENGINEERING
Qualification(PG)	MECHANICAL (INDUSTRIAL) ENGINEERING
Qualification(Ph. D)	MECHANICAL ENGINEEIRNG
Total Experience in years(Teaching)	21
Total Experience in years(Industry)	1.5
Total Experience in years(Research)	1.5

Area of Specialisation INDUSTRIAL ENGINEERING

Faculty Profile	
No.of Papers	
Published(National)	
No.of Papers Published(International)	4
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	2
Professional Memberships	IIIE Life Member

Projects Guided in Master's Level

Area of Specialisation	Mechanical Engineering	
University	APJ Abdul Kalam Kerala Technological University	
Student Name	Project Title	Year
GREGORY P MATHEWS	Study of squeal in A390 composite for Disc brake	2020
N M NOWFAL	Study of Squeal in A390 machine guide ways.	2020

Papers published in International Journals

SL No	Title	Year
1	Harish T V, V R Rajeev, " Reciprocating Wear of a A390 Aluminium Alloy Under Varying StrokeLength:AStatisticalAnalysisistoDeducetheFactorContribution""InternationalJournalofEngineering and Advanced Technology (IJEAT)', ISSN: 2249-8958 (Online), Volume-8 Issue-5, June2019, Page No.:808-814	2019
2	Harish Thetanikkal Viswanathan, Prem Kumar John and Rajeev Vamadevan Rajalekshmi "Effect of Variation in Stroke Length on Dry Reciprocating Wear of Aluminium Alloys" Journal of Engineering Research, Accepted for publication. doi: https://doi.org/10.36909/jer.10487	2021
3	Shins K , V R Rajeev , Harish T V, " Effect of Load Variation on the Wear Characteristics of A336/ (0-15) wt% SiCp Squeeze Cast Composites under Dry Reciprocating Sliding Conditions ", InternationalJournal of Innovative Research in Science, Engineering and Technology, Volume 6, Special Issue 4,March 2017	2017
4	Harish T V, Rajeev V R,"Effect of Variation in Stroke Length on dry Reciprocating Wear of Aluminum Alloys", Materials Today: Proceedings, Volume 5, 1341-1347, 2018.	2018

Papers published in International Conferences

SL No	Title	Year
1	Anandu Raj, Shajal P L, Sreelal D, Yedukrishnan P S and Thettanikkal Viswanathan Harish "Mathematical Modeling of Frictional Heating in Reciprocating Sliding Conditions" 26th National and 4th International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC 2021), IIT Chennai,17-20 December 2021	2021
2	Harish Thetanikkal Viswanathan, Prem Kumar J, Rajeev V R, "Experimental Modal Analysis of a	2020


Faculty Profile	Linear Reciprocating Tribometer for Maximum Reciprocating Frequency”, International Conference on Advances in Material Science & Mechanical Engineering (ICAMSME)- 2020, Department of Mechanical Engineering, N.B.K.R. Institute of Science & Technology (Autonomous), Vidyanagar, Nellore Dist-524413, Andhra Pradesh, India, Paper ID 3116, 07-09 February 2020	
3	Harish T V and V R Rajeev, “Evaluation of wear response under reciprocating sliding of A390 alloy when squeeze casting pressure and stroke length vary” Session 6F, Proceedings of the 71st STLE Annual Meeting, Las Vegas, Nevada, USA, 15-19 May 2016.	2016

Patents/Grants Fetched

SL No	Patent	Grant
1	Patent Application No. 202041020451 for “Pin-On-Reciprocating Plate Tribometer with a Provision for Changing Stroke Length” in the name of College Of Engineering, Trivandrum (CET) on 14th May 2020 and published on 19th November 2020. The inventors are Harish T V, Prem Kumar J, Unnikrishnan G and Dr. V R Rajeev	Research Seed Money (KTU/RESEARCH-16/01/2019) by College of Engineering, Trivandrum (CET) for the project “EXPERIMENTAL INVESTIGATION ON MICROMECHANICAL BEHAVIOUR OF A390-SiCp COMPOSITE UNDER RECIPROCATING SLIDING WEAR TESTS” Rs.2,00,000/-

Positions Held

SL No	Details	Period
1	Coordinator - Product Design and Development Centre	2021 onwards

153.Name	JAGAJITH S	
Date of Birth	25/05/1988	
Gender	Male	
Mobile No	9400279530	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Mechanical Engineering	
Date of Joining in the Institution	01/08/2019	
Qualification(UG)	B TECH MECHANICAL	
Qualification(PG)	M TECH NON DESTRUCTIVE TESTING	
Qualification(Ph. D)	NA	

Faculty Profile	
Total Experience in years(Teaching)	9
Total Experience in years(Industry)	1
Total Experience in years(Research)	
Area of Specialisation	NON DESTRUCTIVE TESTING
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

154.Name **JIJITH P K**



Date of Birth	27/07/1989
Gender	Male
Mobile No	8547635653
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	01/02/2022
Qualification(UG)	B Tech
Qualification(PG)	M Tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	4

Total Experience in 0

Faculty Profile

Total Experience in
years(Research)

0

Area of Specialisation

production

No.of Papers
Published(National)

0

No.of Papers
Published(International)

0

No.of Papers in
conferences(National)

0

No.of Papers in
conferences(International)

0

Professional
Memberships

155.Name Joy Varghese V M



Date of Birth 15/05/1981

Gender Male

Mobile No 9447525215

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the
Institution 16/11/2015

Qualification(UG) B Tech Mechanical Engg

Qualification(PG) M Tech (Industrial Refrigeration and Cryogenic Engg)

Qualification(Ph. D) Mechanical Engg TIG Welding Simulation

Total Experience in
years(Teaching) 12

Total Experience in
years(Industry) 0


Total Experience in
years(Research) 0

Area of Specialisation TIG Welding Simulation

Faculty Profile	
No.of Papers Published(National)	0
No.of Papers Published(International)	5
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	2
Professional Memberships	ISTE

Projects Guided in Master's Level

Area of Specialisation	TIG Welding Simulation	
University	APJ Abdul Kalam Technological University	
Student Name	Project Title	Year
Suman Lal	Comparison of Weld thermal Cycles during TIG welding of Mild Steel and Aluminum Thick plates	2018
Sarin P	Weld Thermal Cycles Developed During TIG Welding	2018

156.Name	JYOTHISH ABRAHAM	
Date of Birth	09/06/1982	
Gender	Male	
Mobile No	8281942432	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Mechanical Engineering	
Date of Joining in the Institution	03/08/2021	
Qualification(UG)	BTech Mechanical Stream Automobile Engg	
Qualification(PG)	Mtech Thermal Science	
Qualification(Ph. D)		

Total Experience in 9

years(Teaching)

Faculty Profile

Total Experience in
years(Industry)

Total Experience in
years(Research) 5

Area of Specialisation Thermal

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International) 4

Professional
Memberships life member ISHMT

Projects Guided in Master's Level

Area of Specialisation Condensation

University KTU

Student Name	Project Title	Year
Jason	Condensation enhancement on knurled surface	2022

Papers published in International Conferences

SL No	Title	Year
1	XII International Conference on Computational Heat, Mass and Momentum Transfer (ICCHMT 2019), Experimental investigation on effect of helical grooves on condensation heat transfer performance of vertically oriented copper tubes	2019
2	. "Experimental investigation on effect of contour of external grooves on heat transfer during condensation on a vertical copper tube", presented at the 25th National and third ISHMT-ASTFE Heat and Mass Transfer Conference held from 28-31 December 2019 at IIT Roorkee, India	2019
3	26th National and 4th International ISHMT-ASTFE Heat and Mass Transfer Conference December 17-20, 2021, IIT Madras, Experimental investigation on effect of wettability pattern in the condensation heat transfer performance of vertical square aluminium tube	2021
4	Numerical Study of convection and radiation effect in a vertical channel with discrete heat source 2nd International Conference on Materials Mechanics and Management (IMMM 2014) College of Engineering Trivandrum	2014

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Advanced fluid mechanics and heat transfer for aerospace application	6 days

2 Recent advances in tribology and surface Engineering series 2

6days(14-19 sept

Faculty Profile

157.Name	KEDAR MOHAN
----------	-------------



Date of Birth	01/04/1986
Gender	Male
Mobile No	9633253285
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	06/12/2021
Qualification(UG)	B.TECH IN MECHANICAL
Qualification(PG)	M.TECH IN PRODUCTION
Qualification(Ph. D)	
Total Experience in years(Teaching)	8 YRS
Total Experience in years(Industry)	1 YR
Total Experience in years(Research)	
Area of Specialisation	MANUFACTURING
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Faculty Profile

158.Name **KS Santhosh**



Date of Birth	30/05/1972
Gender	Male
Mobile No	9447124045
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	24/01/2004
Qualification(UG)	B. Tech (Mechanical)
Qualification(PG)	M. Tech (Thermal Science)
Qualification(Ph. D)	Nil
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	1
Total Experience in years(Research)	3
Area of Specialisation	Thermal Science
No.of Papers Published(National)	0
No.of Papers Published(International)	1
No.of Papers in conferences(National)	0
No.of Papers in conferences(International)	0
Professional Memberships	0



159.Name LASITHAN L G

Date of Birth	05/05/1977
Gender	Male
Mobile No	9744000988
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	31/01/2022
Qualification(UG)	BTech in Mechanical engineering
Qualification(PG)	MTech in Engineering Statistics
Qualification(Ph. D)	
Total Experience in years(Teaching)	15 Years 363 Days
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	Five years
Area of Specialisation	Engineering Statistics
No.of Papers Published(National)	Nil
No.of Papers Published(International)	Eight
No.of Papers in conferences(National)	Three
No.of Papers in conferences(International)	Eight
Professional Memberships	Member of Institution of Engineers (India) and ISTE

Projects Guided in Master's Level

Area of Specialisation	Thermal engineering	
University	CUSAT	
Student Name	Project Title	Year
Rijo Cherian	Performance Enhancement of Solar Water Heater using Compound Parabolic Reflector and Simulation of Thermal Losses	2016
Aneesh A M	Experimental Analysis of Direct Injection Diesel Engine Fuelled with Used Transformer Oil Blends	2016

Faculty Profile Arun Kumar S	Numerical Study on Heat Transfer Performance of Wavy Fins with Different Geometries	2016
Aneesh E K	Experimental Study of Thermal Resistances in a Vapour Chamber Heat Spreader	2016
Vijeesh V V	Conjugate Heat Transfer in Concentric Cylinders	2015
Nithin Samuel	Performance and Emission Characteristics of a C.I. Engine by Effect of Cerium Oxide Nanoparticles as Additive to Diesel	2014
Karthik R N	Application of Silica Aerogel as Cryogenic Insulation	2014

Papers published in International Journals

SL No	Title	Year
1	Published a paper titled "Influence of Machine Vibration in Process System Availability" in International Journal of Emerging Technology and Advanced Engineering (IJETA), Volume 3, Issue 9, September 2013	2013
2	Published a paper titled "Application of Silica Aerogel as Cryogenic Insulation" in International Journal of Analytical, Experimental and Finite Element Analysis (IJEFEA) Volume 1, Issue 1, January 2014	2014
3	Published a paper titled "Conjugate Heat Transfer in Concentric Cylinders" in International Journal of Applied Engineering Research, Volume 10, Number 13(2015).	2015
4	Published a paper titled "Performance and Emission Characteristics of a C.I. Engine by Effect of Cerium Oxide Nanoparticles as Additive to Diesel" in International Journal of Analytical, Experimental and Finite Element Analysis (IJEFEA) Volume 1, Issue 2, April 2014.	2014
5	Published a paper titled "Experimental Analysis of Direct Injection Diesel Engine Fuelled with Used Transformer Oil Blends" in International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Volume 3, Special Issue 5, February 2016.	2016
6	Published a paper titled "Performance Enhancement of Solar Water Heater using Compound Parabolic Reflector and Numerical Simulation of Thermal Losses" in International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Volume 3, Special Issue 5, February 2016.	2016
7	Published a paper titled "Experimental Study of Thermal Resistances in a Vapour Chamber Heat Spreader" in International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Volume 3, Special Issue 5, February 2016.	2016
8	Published a paper titled "A Novel Prediction Approach for Condition-Based Maintenance of Class II Machines via Optimized Neural Network" in Journal of Computational Technologies (JCT) Volume 27, Number 1(2022).	2022

Papers published in National Conferences

SL No	Title	Year
1	Presented a paper titled" A Numerical Simulation on Combination of Wavy Fins and Plain Fins" in the national Conference on Latest Trends in Mechanical Engineering during 27th March 2014 at NSS College of Engineering, Palakkad, Kerala.	2014
2	Presented a paper titled" Numerical Study on Heat Transfer Performance of Wavy Fins with Different Geometries" in the national Conference on Engineering for Life during 12th February 2016 at Heera College of Engineering and Technology, Nedumangad, Trivandrum, Kerala.	2016
3	Presented a paper titled" Friction Stir Welding" in the national Conference on Manufacturing and Management during 26th August 2005 at M A College of Engineering, Kothamangalam, Ernakulam, Kerala.	2005

Papers published in International Conferences

Papers published in International Conferences

Faculty Profile

SL No	Title	Year
1	Presented a paper title "Performance Enhancement of Solar Water Heater using Compound Parabolic Reflector and Simulation of Thermal Losses" in International Conference on Energy Efficient Technologies for Sustainability during 8th April 2016 at St. Xavier's Catholic College of Engineering, Nagercoil.	2016
2	Presented a paper titled "Experimental Investigation of Performance Improving and Emissions Reducing in a Two Stroke SI Engine Using Ethanol Additives and Using Magnetic Field" in International Conference on Advances in Bio Technology, Civil and Mechanical Science during 13th March 2015 at Selvam College of Technology, Namakkal, Tamilnadu	2015
3	Presented a paper titled "Conjugate Heat Transfer in Concentric Cylinders" in International Conference on Advances in Bio Technology, Civil and Mechanical Science during 14th March 2015 at Selvam College of Technology, Namakkal, Tamilnadu.	2015
4	Presented a paper titled "Comparative Study of Power Generation Ability of Biomass with and without Coal" in International Conference on Advances in Bio Technology, Civil and Mechanical Science during 13th March 2015 at Selvam College of Technology, Namakkal, Tamilnadu.	2015
5	Presented a paper titled "Flutter Analysis of Aircraft Wing and Its Rectification Using MSE Nastran" in International Conference on Advances in Bio Technology, Civil and Mechanical Science during 14th March 2015 at Selvam College of Technology, Namakkal, Tamilnadu.	2015
6	Presented a paper titled "Numerical Study of Exhaust Gas Assisted Jet Compressor in Diesel Engine" in International Conference on Advances in Bio Technology, Civil and Mechanical Science during 13th March 2015 at Selvam College of Technology, Namakkal, Tamilnadu.	2015
7	Presented a paper titled "Influence of Excess Vibration on System Availability and Reliability - A Case Study" in International Conference on Innovations in Science and Technology for Sustainable Development (ICISTSD) during 23rd November 2020 at College of Engineering, Perumon, Kollam, Kerala.	2020

Books Published

SL No	Title	Coauthors
1	Mechanical Vibrations and Industrial Noise Control	Nil

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Teaching Pedagogy	3 days
2	Effective Teaching in Higher Technical Education	1 week
3	Operations and Supply Chain Management	1 week
4	Research Methodology	1 week
5	Making TEQIP Institutions More Effective: Strategic Planning and Good Governance	2 days
6	Solid Waste Management and Environmental Issues	1 week

Faculty Profile

7	Sustainability in Civil Engineering	1 week
---	-------------------------------------	--------

8	Energy Saving and Environment-Friendly Technologies	2 weeks
---	---	---------

9	Engineering Design and Analysis with FEM and ANSYS	2 weeks
---	--	---------

10	Soft Computing and Control	2 weeks
----	----------------------------	---------

11	Refrigeration-Air Conditioning Technology: Status and Challenges	2 weeks
----	--	---------

12	Theory of Computation and Complexity Theory	1 week
----	---	--------

13	Mathematics for Engineers	3 days
----	---------------------------	--------

14	Advanced Soil Investigation Methods and Ground Improvement Techniques	1 week
----	---	--------

15	Computational Fluid Dynamics	1 week
----	------------------------------	--------

16	Modern Display Devices Based on Nano Technology	1 day
----	---	-------

17	Recent Trends in Renewable Energy Systems	1 week
----	---	--------

18	Fundamentals of Finite Element Method	3 days
----	---------------------------------------	--------

Faculty Profile

19	Object Oriented Programming in Nutshell using Python	3 days
20	Application of Electromagnetic Theory in Transmission Lines and Antennas	3 days
21	Recent Advances in Renewable Energy Technologies	3 days
22	Linux Kernel Programming	3 days
23	Advanced Optimization Techniques in Engineering	1 week

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Entrepreneurship Rollercoaster	2016,TEQIP II
2	Startup Trek 2015	2015,TEQIP II
3	Startuptrek 2016	2016,TEQIP II
4	Hazards Posed by E-Waste and Comprehensive Waste Management Technologies	2015,TEQIP II
5	State of the art of Industrial Automation and Instrumentation	2013,TEQIP II
6	Industrial Machinery Vibration Analysis and Machine Availability	2013,TEQIP II
7	Productivity and Energy Efficiency for Sustainable Development	2013,TEQIP II


Positions Held

SL No	Details	Period
1	Was staff advisor for Mechanical Engineering A and B batches for the year 2013-18 in College of Engineering, Adoor	2013-18
2	Was staff advisor for Mechanical Engineering A batch for the year 2019-23 in College of Engineering, Adoor	2019-21
3	Was thermal Engineering lab in charge (from October 2011 onwards) in College of Engineering, Adoor	2011-21
4	Was member of subject allocation and time table committee (2019-20) in College of Engineering, Adoor	2019-20
5	Was examiner and Chief examiner of APJ Abdul Kalam Technological University (Kerala)	2019-21

Faculty Profile	Examinations	
6	Was Department Procurement Committee (DPC) Co-ordinator under TEQIP-II in College of Engineering, Adoor	2013-19
7	Was Industry Institute Interaction Cell (IIIC) Co-ordinator under TEQIP-II in College of Engineering, Adoor	2015-19
8	Member of publicity committee in TEQIP II sponsored national conference on "Research Innovations in Thermal and Mechanical Engineering 2017(NCRITME'17)" organized by the Department of Mechanical Engineering, College of Engineering, Adoor during 12-13 Jaanuary 2017	2017

Expert Talks Delivered

SL No	Title	Year
1	Two Degrees of Freedom Vibration	2015

160.Name	MAHESH S	
Date of Birth	14/04/1979	
Gender	Male	
Mobile No	9446967032	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Mechanical Engineering	
Date of Joining in the Institution	21/01/2009	
Qualification(UG)	B.TECH	
Qualification(PG)	M.TECH	
Qualification(Ph. D)		
Total Experience in years(Teaching)	18 Years 7 Months	
Total Experience in years(Industry)	Nil	

Total Experience in	Nil
---------------------	-----

years(Research)

Faculty Profile

Area of Specialisation	Industrial Engineering
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

161.Name **Mathew P**



Date of Birth	10/05/1983
Gender	Male
Mobile No	9746132015
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	05/08/2019
Qualification(UG)	B. Tech in Mechanical Stream Automobile Engineering
Qualification(PG)	M. Tech in Industrial Refrigeration and Cryogenics Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	11
Total Experience in years(Industry)	1
Total Experience in years(Research)	
Area of Specialisation	Refrigeration and Cryogenics

No.of Papers 1

Published(National)

Faculty Profile

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

162.Name **Niju Mohammed K**



Date of Birth 20/08/1985

Gender Male

Mobile No 9746240514

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the
Institution 03/06/2013

Qualification(UG) B.tech in mechanical engineering

Qualification(PG) M.tech in thermal engineering

Qualification(Ph. D)

Total Experience in
years(Teaching) 11

Total Experience in
years(Industry) 2

Total Experience in
years(Research)

Area of Specialisation microfluidics and thermal engineering

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in

conferences(National)

Faculty Profile

No.of Papers in
conferences(International)

3

Professional
Memberships

ISHMT

163.Name

PRADEEP A



Date of Birth 13/03/1978

Gender Male

Mobile No 09447900605

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the
Institution 05/02/2014

Qualification(UG) Mechanical Engineering

Qualification(PG) Propulsion Engineering (Mechanical Engineering)

Qualification(Ph. D) Doing

Total Experience in
years(Teaching) 13

Total Experience in
years(Industry) 5

Total Experience in
years(Research)

Area of Specialisation Propulsion Engineering, Solar Thermal Energy, Heat Transfer

No.of Papers
Published(National) 4

No.of Papers
Published(International) 5

No.of Papers in
conferences(National) 4

No.of Papers in
conferences(International) 2

Professional SAE

Papers published in International Journals

SL No	Title	Year
1	Arjunan P, Gnana Muthu JH, Somanasari Radha SL, Suryan A, Selection of working fluids for organic Rankine cycle – A review, International Journal of Energy Research, Page 1-27	2022
2	Suresh Lal S R, Joselin Herbert G M, Pradeep Arjunan & Abhilash Suryan, Advancement in Renewable energy transition in India: A review, Energy Sources, Part A : Recovery, Utilisation and Environmental Effects	2022
3	Arjunan Pradeep, Suryan Abhilash, and Kurian Sunish, Performance Analysis of Ceramic Composite Thermal Protection System Tiles, Springer International Publishing AG, Part of Springer Journal 2018, Sustainability 2, Green Energy and Technology	2018
4	Abhilash Suryan, Pradeep Arjunan, Gyu Wan Kim, and Heuy Dong Kim, Thermodynamic Analysis of Inlet Air Cooling System for a Centrifugal Compressor, Springer International Publishing AG, part of Springer Nature 2018 F. Aloui, I. Dincer (eds.), Exergy for A Better Environment and Improved Sustainability 1, Green Energy and Technology	2018
5	K V Jithin, Arjunan Pradeep, Heat Transfer Enhancement of Concentric Double-Pipe Heat Exchanger Utilizing Helical Wire Turbulator, Recent Asian Research on Thermal and Fluid Sciences pp 319–339	2020
6	K. N. Shukla, A. Pradeep and S. S. Suneesh, Thermal performance analysis of silica tiles, Journal of Engineering Physics and Thermophysics Volume 79, Number 6, 1157-1163 (2006)	2006

164.Name **PRAVEEN A**



Date of Birth 15/11/1979

Gender Male

Mobile No 09446494258

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the Institution 03/06/2013

Qualification(UG) B TECH

Qualification(PG) M TECH THERMAL SCIENCE

Qualification(Ph. D) CURRENTLY PURSUING

Total Experience in 16

years(Teaching)

Faculty Profile

Total Experience in
years(Industry) 2

Total Experience in
years(Research)

Area of Specialisation THERMAL SCIENCE

No.of Papers
Published(National)

No.of Papers
Published(International) 1

No.of Papers in
conferences(National) 2

No.of Papers in
conferences(International)

Professional
Memberships ISHMT LIFE MEMBER

Projects Guided in Master's Level

Area of Specialisation Thermal Science

University APJ Abdul Kalam Technological University

Student Name	Project Title	Year
AKASH R S	Experimental investigation of droplet collision on superheated surfaces	2019
Abhinlal	NUMERICAL SIMULATION OF LEIDENFROST PROPULSION	2020
Anu M C.	NUMERICAL INVESTIGATION OF THERMOCAPILLARY EFFECT OF DROPLET ON HORIZONTAL SURFACES	2021
Sumesh S M.	NUMERICAL INVESTIGATION ON PERFORMANCE OF SOLAR AIR HEATER HAVING PERFORATED CIRCULAR ABSORBER PLATE	2021
ARUNKRISHNAN R	Experimental study of condensation heat transfer on hydrophilic/hydrophobic vertical tube.	2016
Ashish Chandran K	The role of surface coating on the heat transfer performance of copper tube.	2016

Papers published in International Journals

SL No	Title	Year
1	Experimental study of condensation heat transfer on hydrophobic vertical tube-International Journal of Heat and Mass Transfer	2018

Papers published in National Conferences

SL No	Title	Year
1	Role of Grooves on Condensation Heat Transfer of Copper Tubes.	2016
2	The Role of Surface Coating on the Heat transfer performance of Copper Tubes.	2016

Short Term Courses/Workshops Attended

SHORT TERM COURSES/WORKSHOPS ATTENDED

Faculty Profile

SL No	Title	Duration
1	Composite Materials&Finite Element Modellng	5 days
2	Mechatronics	5 days
3	Optimization Techniques	5 days
4	Introduction To CFD And Its Applications	5 days
5	Microfluidics	5 days
6	Effective Teaching &Learning Methods	5 days
7	Experimental Techniques In Fluid Dynamics	5 days
8	Theoretical &Applied Computational Fluid Flow &Heat Transfer	6 days
9	Soft Skills	5 days
10	CNC machines	5 days
11	Energy Engineering	5 days
12	Electric Vehicles	5 days
13	Research trends in Optics,Photonics and Nanotechnology	5 days

Positions Held

SL No	Details	Period
1	Nodal Officer,IEDC /Bootcamp CET	2015-2021
2	Staff Advisor	2017-21
3	Staff Advisor	2021-24


Expert Talks Delivered

SL No	Title	Year
1	Fibre Reinforced Plastics	2022

165.Name	Ramu Rajendran	
Date of Birth	01/10/1989	
Gender	Male	
Mobile No	9495536330	

Faculty Type PERMANENT

Faculty Profile	
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	06/12/2021
Qualification(UG)	B-Tech Mechanical Engineering
Qualification(PG)	M-Tech in Metallurgical and Materials Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	4 years and 4 months
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	Metallurgical and Materials Engineering
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

166.Name	Ramu Rajendran	
Date of Birth	01/10/1989	
Gender	Male	
Mobile No	9495536330	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Mechanical Engineering	
Date of Joining in the Institution	06/12/2021	
Qualification(UG)	B-Tech Mechanical Engineering	
Qualification(PG)	M-Tech in Metallurgical and Materials Engineering	
Qualification(Ph. D)		
Total Experience in years(Teaching)		

Total Experience in

years(Industry)
Faculty Profile

Total Experience in
years(Research)

Area of Specialisation Metallurgical and Materials Engineering

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

167.Name **Ramu Rajendran**



Date of Birth 01/10/1989

Gender Male

Mobile No 9495536330

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the
Institution 06/12/2021

Qualification(UG) B-Tech Mechanical Engineering

Qualification(PG) M-Tech in Metallurgical and Materials Engineering

Qualification(Ph. D)

Total Experience in
years(Teaching) 4 years and 4 months

Total Experience in
years(Industry)

Total Experience in
years(Research)

Area of Specialisation Metallurgical and Materials Engineering

No.of Papers
Published(National)

No.of Papers

Published(International)

Faculty Profile

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

168.Name **Ramu Rajendran**



Date of Birth 01/10/1989

Gender Male

Mobile No 9495536330

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the
Institution 06/12/2021

Qualification(UG) B-Tech Mechanical Engineering

Qualification(PG) M-Tech in Metallurgical and Materials Engineering

Qualification(Ph. D)

Total Experience in
years(Teaching)

Total Experience in
years(Industry)

Total Experience in
years(Research)

Area of Specialisation Metallurgical and Materials Engineering

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

Faculty Profile

169.Name Ranjith S Kumar

Date of Birth 03/03/1978

Gender Male

Mobile No 9447295213

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the Institution 19/07/2013

Qualification(UG) B.Tech Mechanical Engineering

Qualification(PG) M.Tech Thermal Science

Qualification(Ph. D) PhD

Total Experience in years(Teaching) 18

Total Experience in years(Industry) 0

Total Experience in years(Research) 3

Area of Specialisation Fluid mechanics and Heat Transfer

No.of Papers Published(National) 0

No.of Papers Published(International) 18

No.of Papers in conferences(National) 6

No.of Papers in conferences(International) 4

Professional Memberships ISTE, ISHMT, SSSS, IEI, ASI



170.Name	REJIN S
Date of Birth	13/03/1985
Gender	Male
Mobile No	9446270828
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	14/12/2021
Qualification(UG)	MECHANICAL ENGINEERING
Qualification(PG)	INDUSTRIAL REFRIGERATION &CRYOGENIC ENGINEERING
Qualification(Ph. D)	
Total Experience in years(Teaching)	7 YEARS
Total Experience in years(Industry)	3 YEARS
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	



171.Name	RENJITH B S
Date of Birth	30/05/1974
Gender	Male
Mobile No	09447246450
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	02/12/2015
Qualification(UG)	B Tech in Mechanical Engineering
Qualification(PG)	Propulsion engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	6
Total Experience in years(Industry)	3
Total Experience in years(Research)	5
Area of Specialisation	Droplet dynamics
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

172.Name Saju Joseph

Faculty Profile



Date of Birth	30/05/1977
Gender	Male
Mobile No	9847850255
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	24/01/2014
Qualification(UG)	B-Tech in Mechanical Engineering
Qualification(PG)	
Qualification(Ph. D)	
Total Experience in years(Teaching)	8
Total Experience in years(Industry)	2
Total Experience in years(Research)	0
Area of Specialisation	Thermal Engineering
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Faculty Profile

173.Name SHAFEEK M

Date of Birth 31/05/1981

Gender Male

Mobile No 9495828145

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mechanical Engineering

Date of Joining in the Institution 26/06/2016

Qualification(UG) B. Tech Mechanical Stream Production

Qualification(PG) M.Tech Computer Integrated Manufacturing

Qualification(Ph. D)

Total Experience in years(Teaching) 14 years

Total Experience in years(Industry) Nil

Total Experience in years(Research)

Area of Specialisation Manufacturing, Industrial Automation

No.of Papers Published(National)

No.of Papers Published(International)

No.of Papers in conferences(National) 3

No.of Papers in conferences(International)

Professional Memberships



174.Name	SURESH KUMAR V.B.
Date of Birth	25/05/1975
Gender	Male
Mobile No	9447662498
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	09/07/2003
Qualification(UG)	B.Tech in Mechanical Engineering
Qualification(PG)	M.Tech Manufacturing Technology
Qualification(Ph. D)	Pursuing
Total Experience in years(Teaching)	19 years
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	Nil
Area of Specialisation	Manufacturing, Tribology
No.of Papers Published(National)	Nil
No.of Papers Published(International)	Nil
No.of Papers in conferences(National)	02
No.of Papers in conferences(International)	01
Professional Memberships	ISTE : LM 35292



175.Name	Suresh Lal S R
Date of Birth	31/05/1974
Gender	Male
Mobile No	9847718870
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	14/06/2019
Qualification(UG)	B.Tech
Qualification(PG)	M.Tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	8
Total Experience in years(Industry)	4
Total Experience in years(Research)	
Area of Specialisation	Manufacturing, Renewable energy
No.of Papers Published(National)	1
No.of Papers Published(International)	3
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	3
Professional Memberships	ISHRAE, ISHMT, ISSOCHAM GEM

Projects Guided in Master's Level

Area of Specialisation	Manufacturing	
University	APJ Abdul Kalam Technological University	
Student Name	Project Title	Year
Aswin Chandran	Adaptive control in drilling	2020

Awin Shibu John	DEVELOPMENT OF BULLET NOSE FOR PERFORMANCE IMPROVEMENT USING ADDITIVE	2021
-----------------	---	------

Faculty Profile	MANUFACTURING	
Shebin A Thomas	FEASIBILITY ANALYSIS OF 3D PRINTING OF A BOAT USING CARBON FIBER COMPOSITE	2021

Papers published in National Journals

SL No	Title	Year
1	1. Suresh Lal S R and Aswathy Vijayan. (2019). "The influence of Demographics on Consumer Perception in Online Grocery Shopping: A Case of Thiruvananthapuram City,Kerala,India". Advances in Economics and Business Management,4, pp281-284.	2019

Papers published in International Journals

SL No	Title	Year
1	Suresh Lal S.R., Joselin Herbert G.M., Pradeep A., Abhilash Suryan. (2022) "Advancements in renewable energy transition in India: A review". Energy Sources, Part A: Recovery, Utilization, and Environmental Effects (Taylor and Francis).	2022
2	Rakesh Narayana Sarma, Vineeth Kumar, Suresh Lal S. R., Minu R. Nath, Abhilash Suryan. (2022) "Wind power resource assessment and wind-hydrogen generation potential: A case study of locations in a district of India". Energy Sources, Part A: Recovery, Utilization, and Environmental Effects (Taylor and Francis).	2022
3	Pradeep A., Joselin Herbert G.M., Suresh Lal S.R., Abhilash Suryan. (2022) "Selection of working fluids for solar organic Rankine cycle - A review", International Journal of Energy Research (Wiley).	2022

Papers published in International Conferences

SL No	Title	Year
1	Participated in the International Conference on Recent Advances in Engineering and Technology 2019 and presented a paper on "A study on Environmental Impact of Wind Farms in India" 11-12 April 2019 at Nurul Islam Centre for Higher Education, Kanyakumari, Tamil Nadu, India.	2019
2	Participated in the International Conference on Energy and Environment and presented a paper on "Feasibility Study of a Compressed Air - Electric Parallel Hybrid Vehicle" on 9-10 April 2021 at Jyothi Engineering College, Thrissur, Kerala, India.	2021
3	Participated in the International Conference on Emerging Trends in Engineering-Yukthi 2021 and presented a paper on "Feasibility Analysis of 3D Printing of a Boat Using Carbon Fiber Composite" on 24-26 September 2021 at Government Engineering College Kozhikode, Kerala, India.	2022

176.Name **Vidhun V R**




Date of Birth 20/05/1988

Gender Male

Mobile No 8089470651

Faculty Profile	
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	04/03/2022
Qualification(UG)	Mechanical Engineering
Qualification(PG)	Automotive Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	4
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

177.Name	Vikas V K	
Date of Birth	05/04/1976	
Gender	Male	
Mobile No	9446001296	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Mechanical Engineering	

Faculty Profile	
Date of Joining in the Institution	13/07/2019
Qualification(UG)	B Tech
Qualification(PG)	M Tech
Qualification(Ph. D)	Nil
Total Experience in years(Teaching)	8
Total Experience in years(Industry)	2
Total Experience in years(Research)	0
Area of Specialisation	Thermal Engineering
No.of Papers Published(National)	2
No.of Papers Published(International)	
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	
Professional Memberships	

178.Name **VISHNU DETH K J**



Date of Birth	22/12/1988
Gender	Male
Mobile No	9400897965
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	31/01/2022

Qualification(UG) B.TECH MECHANICAL

Faculty Profile Qualification(PG)	M.TECH MECHANICAL(PRODUCTION)
Qualification(Ph. D)	
Total Experience in years(Teaching)	5 YEARS AND 3 MONTHS
Total Experience in years(Industry)	4 YEARS AND 7 MONTHS
Total Experience in years(Research)	
Area of Specialisation	PRODUCTION ENGINEERING
No.of Papers Published(National)	
No.of Papers Published(International)	03
No.of Papers in conferences(National)	01
No.of Papers in conferences(International)	02
Professional Memberships	ISTE

Projects Guided in Master's Level

Area of Specialisation	METAL JOINING AND CORROSION	
University	MG UNIVERSITY KERALA	
Student Name	Project Title	Year
JINTO KOSHY	“ Experimental Analysis on Weldability of Manual Metal Arc, Air Carbon Arc Gouging Methods and Comparative Evaluation with Conventional Oxy Acetylene Cutting	2013
PREMJITH S	.Investigation on the Effect of Green Inhibitors for Corrosion protection of Mild steel in 1M NaOH Solution	2014
RUFIN RASHEED	.Investigation of Heat Treatment on Al 6061- Al 2 O 3 Composite& Analysis of Corrosion Behaviour	2015

Papers published in National Conferences

SL No	Title	Year
1	PRESENTED A PAPER IN NAISAP 2012 HELD AT THRISSUR	2012

Papers published in International Conferences

SL No	Title	Year
1	PRESENTED A PAPER IN ICMF 2011 HELD AT THRISSUR	2011

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Workshop on Intellectual property rights & patent drafting	2 DAYS

Faculty Profile

2	ISTE Workshop on Engineering Thermodynamics	14 DAYS
3	.FDP on Instructional Design & Delivery system	5 DAYS
4	TEQIP phase II-FDP on production and efficiency for sustainable Development	5 days
5	.FDP on “FEEL Teacher” Learning and Intervention	3 DAYS
6	AICTE sponsored FDP on Advanced Automobile Engineering	5 days
7	.ISTE –STTP on Environmental studies-2015	2 WEEKS
8	FDP on Entrepreneurship	10 days
9	Workshop on Operational & Maintenance aspects of Pumps and Motors	2 DAYS

Positions Held

SL No	Details	Period
1	ASSISTANT PROFESSOR- SJCET PALAI	2012 JUNE- 2017
2	ASSISTANT ENGINEER- KERALA WATER AUTHORITY (GOVT. OF KERLA)	2017 JULY- 2022
3	ASSISTANT PROFESSOR - COLLEGE OF ENGINEERING, TRIVANDRUM	31/01/2022- PRESENT

179.Name**VIVEK M**

Date of Birth	26/12/1988
Gender	Male
Mobile No	8089538606
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mechanical Engineering
Date of Joining in the Institution	15/12/2021
Qualification(UG)	B TECH MECHANICAL
Qualification(PG)	MANUFACTURING ENGINEERING

Qualification(Ph. D)

Faculty Profile	
Total Experience in years(Teaching)	5 YEARS
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	MANUFACTURING ENGINEERING
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

180.Name	Sajeev R
Date of Birth	08/01/1989
Gender	Male
Mobile No	09947725746
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Mechanical Engineering
Date of Joining in the Institution	01/08/2018
Qualification(UG)	B. Tech Mechanical
Qualification(PG)	M. Tech Machine Design
Qualification(Ph. D)	Nil
Total Experience in years(Teaching)	4 years 6 months



Total Experience in	2 year
---------------------	--------

Faculty Profile

Total Experience in
years(Industry)

Area of Specialisation Machine Design and Fracture Mechanics

No.of Papers
Published(National) 0

No.of Papers
Published(International) 0

No.of Papers in
conferences(National) 1

No.of Papers in
conferences(International) 0

Professional
Memberships

Papers published in National Conferences

SL No	Title	Year
1	Flexural and fracture study of Timber beam and Timber Glass beam	2015

181.Name Ajayan K. R.



Date of Birth 16/05/1968

Gender Male

Mobile No 9497473763

Faculty Type PERMANENT

Designation Professor

Department Electronics and Communication Engineering

Date of Joining in the
Institution 2/8/2021

Qualification(UG) BTech

Qualification(PG) ME

Qualification(Ph. D) Ph. D

Total Experience in 30

years(Teaching)

Faculty Profile

Total Experience in years(Industry)	Nil
Total Experience in years(Research)	Nil
Area of Specialisation	Nano Electronic
No.of Papers Published(National)	0
No.of Papers Published(International)	6
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	12
Professional Memberships	NA

182.Name **Dr. BIJI JACOB**



Date of Birth	18/04/1966
Gender	Male
Mobile No	9526160853
Faculty Type	PERMANENT
Designation	Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	21/11/1991
Qualification(UG)	B.Tech.
Qualification(PG)	M.Tech.
Qualification(Ph. D)	Ph.D.
Total Experience in years(Teaching)	30
Total Experience in years(Industry)	2

Total Experience in 10

Area of Specialisation	Industrial Electroics
No.of Papers Published(National)	3
No.of Papers Published(International)	7
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	16
Professional Memberships	

Papers published in International Journals

SL No	Title	Year
1	1. Biji Jacob and M. R. Baiju, "Spread Spectrum Modulation Scheme for Two Level Inverter using Vector Quantized Space Vector based Pulse Density Modulation" IET Journal on Electric Power Applications, (Impact Factor 1.56), Volume: 5, Issue: 7, 2011, Page: 589-596. . Digital Object Identifier: 10.1049/iet-epa.2010.0260	2011
2	2. Biji Jacob and M. R. Baiju, "Simple Multilevel Inverter based Induction Motor Drive scheme using Sigma Delta Converter with Space Vector Quantizer" IET Journal on Power Electronics, (Impact Factor 1.5), Volume: 5, Issue: 8, 2012, Page:1483-1490.Digital Object Identifier: 10.1049/iet-pel.2012.0047	2012
3	3. Biji Jacob and M. R. Baiju, "Vector Quantized Space Vector based Spread Spectrum Modulation Scheme for Multilevel Inverters using the principle of Oversampling ADC" IEEE Transactions on Industrial Electronics,(Impact Factor 5.16), Volume: 60, Issue: 8, Aug. 2013, Page: 2969-2977. Digital Object Identifier: 10.1109/TIE.2012.2202355	2013
4	4. Biji Jacob and M. R. Baiju, "A New Space Vector Modulation Scheme for Multilevel Inverters which Directly Vector Quantize the Reference Space Vector" IEEE Transactions on Industrial Electronics,(Impact Factor 6.5), Volume: 62, Issue: 1, Jan. 2015, Page: 88 – 95. Digital Object Identifier: 10.1109/TIE.2014.2326998	2015
5	5. Biji Jacob and M. R. Baiju, "Space Vector Quantized Dithered Sigma Delta Modulator for Reducing the Harmonic Noise in Multilevel Converters", IEEE Transactions on Industrial Electronics, (Impact Factor 6.5), Volume: 62, Issue: 4, April 2015, Page: 2064 – 2072. Digital Object Identifier: 10.1109/TIE.2014.2361491	2015
6	6. Jeeshma Mary Paul, Dr. Biji Jacob, "Fractal Based Sigma Delta Modulation Scheme for Multilevel Inverter", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 16 (2018) pp. 12861-12867.	2018
7	7. Monisha Menon A. Biji Jacob, "A Simplified Space Vector Pulse Density Modulation Scheme without Coordinate Transformation and Sector Identification", IEEE Transactions on Industrial Electronics, VOL. 69, NO. 5, MAY 2022, Pages : 4431 – 4439. Digital Object Identifier: 10.1109/TIE.2021.3080201	2022
8	8. Monisha Menon A. Biji Jacob, " A New Space Vector Pulse Density Modulation Scheme for Two Level Five Phase Induction Motor Drive", IEEE Transactions on Industrial Electronics, Digital Object Identifier : 10.1109/TIE.2022.3144585	2022

Papers published in International Conferences

SL No	Title	Year
-------	-------	------

Faculty Profile		
1	Biji Jacob and M. R. Baiju, " Spread Spectrum Scheme for Two-Level Inverters using Space Vector Sigma-Delta Modulation," IET International Conference on Power Electronics, Machines and Drives, PEMD 2010, Briton, U.K., April 2010.Digital Object Identifier: 10.1049/cp.2010.0199	2010
2	Biji Jacob and M. R. Baiju, " Spread Spectrum Scheme for Three-Level Inverters based on Space Vector Sigma-Delta Modulation," IEEE International Symposium on Industrial Electronics, ISIE 2010, Bari, Italy, July 2010, pp.1491-1496.Digital Object Identifier: 10.1109/ISIE.2010.5637904	2010
3	Biji Jacob and M. R. Baiju, "Space Vector based Spread Spectrum Modulation Scheme for Three-Level Inverters," IEEE Applied Power Electronics Colloquium, IAPEC 2011, Malasia, April 2011, pp. 51-56.Digital Object Identifier: 10.1109/IAPEC.2011.5779842	2011
4	Biji Jacob and M. R. Baiju, "Space Vector based Pulse Density Modulation Scheme for Two Level Voltage Source Inverter," IEEE Conference on Industrial Electronics and Applications, ICIEA 2011, China, June 2011, pp.1227-1232. Digital Object Identifier: 10.1109/ICIEA.2011.5975773	2011
5	Biji Jacob and M. R. Baiju, "Vector Quantized Spread Spectrum Pulse Density Modulation for Four Level Inverters," IEEE Conference on Industrial Electronics and Applications, ICIEA 2011, Beijing, China, June 2011, pp. 668-673. . Digital Object Identifier: 10.1109/ICIEA.2011.5975671	2011
6	Biji Jacob and M. R. Baiju, "Spread Spectrum Modulation Scheme for Multilevel Inverters using Vector Quantized Sigma Delta Modulation," Applied Power Electronics Conference, APEC 2012, Orlando, Florida, U.S.A., February 2012, pp. 2428 – 2435.Digital Object Identifier: 10.1109/APEC.2012.6166162	2012
7	Biji Jacob and M. R. Baiju, "Space Vector based Dithered Sigma Delta Modulator for Two-level Inverter to suppress the Harmonic Spikes," 38th Annual Conference on IEEE Industrial Electronics Society, IECON 2012, Montréal, Canada, 25 - 28 October 2012, pp. 2005 – 2011.Digital Object Identifier: 10.1109/IECON.2012.6388894	2012
8	Biji Jacob and M. R. Baiju, "Space Vector Modulation Scheme with Direct Vector Quantization for any general N-level Voltage Source Inverter," 2012 IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES2012, Bengaluru, India, 16-19 December, 2012.Digital Object Identifier: 10.1109/PEDES.2012.6484288	2012
9	Biji Jacob and M. R. Baiju, "A new Space Vector Modulation Scheme for any N-level Voltage Source Inverter which Directly Quantizes the Reference Space Vector," 7th IET International Conference on Power Electronics, Machines and Drives, PEMD 2014, Manchester, U.K. from 8th to 10th April 2014. Dol: 10.1049/cp.2014.0251	2014
10	Biji Jacob and M. R. Baiju, "Harmonic Noise Reduction in Three-level Inverter using Space Vector based Dithered Sigma Delta Modulator," 7th IET International Conference on Power Electronics, Machines and Drives, PEMD 2014, Manchester, U.K. from 8th to 10th April 2014.Digital Object Identifier: 10.1049/cp.2014.0247	2014
11	11.M. Menon A., J. M. Paul and B. Jacob, "Common Mode Voltage Elimination in Induction Motor Drive by Space Vector based Pulse Density Modulation Scheme," 2020 IEEE 29th International Symposium on Industrial Electronics (ISIE), Delft, Netherlands, 17–19 June, 2020, pp. 283-288, doi: 10.1109/ISIE45063.2020.9152540.	2020
12	12.M. A. Monisha and B. Jacob, "Space Vector Pulse Density Modulation Scheme for Zero Sequence Voltage Elimination in Dual Inverter fed Open End Winding Induction Motor Drive," IECON 2020 The 46th Annual Conference of the IEEE Industrial Electronics Society, Singapore, October 18-21, 2020, pp. 1096-1101, doi: 10.1109/IECON43393.2020.9254706.	2020
13	M. Menon A and B. Jacob, "A Space Vector based Pulse Density Modulation Scheme with Reduced Computational Complexity," IEEE International Conference on Power Electronics Drives and Energy Systems (PEDES), Rajasthan, India, 16 to 19 December 2020.	2020
14	Jeeshma Mary Paul and Biji Jacob, "3D Space Vector Pulse Density Modulation Scheme for Two-Level Four-Leg Inverter", 22nd IEEE International Conference on Industrial Technology, ICIT2021, Valencia, Spain (Virtual), 10-12 March 2021.Dol: https://doi.org/10.1109/ICIT46573.2021.9453673	2021

Faculty Profile

183.Name Dr. Alex Raj S M



Date of Birth 01/06/1970

Gender Male

Mobile No 9497878895

Faculty Type PERMANENT

Designation Professor

Department Electronics and Communication Engineering

Date of Joining in the Institution 09/09/2021

Qualification(UG) BE

Qualification(PG) M. Tech.

Qualification(Ph. D) Ph.D.

Total Experience in years(Teaching) 20

Total Experience in years(Industry)

Total Experience in years(Research)

Area of Specialisation Embedded System

No.of Papers Published(National)

No.of Papers Published(International) 7

No.of Papers in conferences(National)

No.of Papers in conferences(International) 4

Professional Memberships ISTE



184.Name	Dr. Sreelatha Ganapathy
Date of Birth	29/04/1975
Gender	Female
Mobile No	9496291852
Faculty Type	PERMANENT
Designation	Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	22-07-2019
Qualification(UG)	B. Tech, Applied Electronics & Instrumentation
Qualification(PG)	M. Tech, Electronics Design & Technology
Qualification(Ph. D)	Ph D
Total Experience in years(Teaching)	20 Years and 3 Months
Total Experience in years(Industry)	1 Year
Total Experience in years(Research)	5 Years
Area of Specialisation	Signal Processing
No.of Papers Published(National)	0
No.of Papers Published(International)	5
No.of Papers in conferences(National)	0
No.of Papers in conferences(International)	6
Professional Memberships	SSSS

Projects Guided in Master's Level

Area of Specialisation	Computer Vision	
University	KTU	
Student Name	Project Title	Year
NASRIN K M	PEDESTRIAN DETECTION USING SWIN TRANSFORMER NETWORK	2021
ANJALI CHELLAPPAN	FAST ONLINE OBJECT TRACKING AND SEGMENTATION	2020

Faculty Profile VIPIL K	Efficient Pose Estimation in Videos Using Mask R-CNN	2020
Aneeta Christopher	Brain Tumor Classification using MR Images with Deep Neural Networks	2019

Papers published in International Journals

SL No	Title	Year
1	Alex Raj S. M., G. Sreelatha, " Mutimedia Receiver over Power Line", International Journal of Electronic Engineering Research, Vol. 2, No. 2, pp. 167-170, 2010.	2010
2	G. Sreelatha, M. Aparna, P. S. Sathidevi, P. Chand and R. P. Rajkumar, "Quantification of DNA Damage by the Analysis of Silver Stained Comet Assay Images", Elsevier : Innovation and Research in BioMedical engineering (IRBM) (SCI), vol. 36, pp. 306–314, October 2015, DOI: http://dx.doi.org/10.1016/j.irbm.2015.09.006 . (ISSN 1959-0318 - Elsevier), IF: 0.628 (2015)	2015
3	G. Sreelatha, Manoj Kumar Sudarsan, P. S. Sathidevi, "Level Set Approach Combined with Support Vector Machine for Comet Detection from Comet Assay Images", American Scientific Publishers : Journal of Medical Imaging and Health Informatics (SCI) Vol. 6, No. 4, pp. 984–991, 2016, DOI: http://dx.doi.org/10.1166/jmih.2016.1746 (ISSN: 2156-7018 (Print): EISSN: 2156-7026 (Online), IF : 0.621 (2016)	2016
4	G. Sreelatha, M. Aparna, P. S. Sathidevi, P. Chand, and R. P. Rajkumar, "CometQ : An automated tool for the detection and quantification of DNA damage using comet assay image analysis", Elsevier : Computer Methods and Programs in Biomedicine (SCI), vol. 133, pp. 143-154, September 2016, DOI: http://dx.doi.org/10.1016/j.cmpb.2016.05.020 . (ISSN 0169-2607) IF: 2.503 (2016)	2016
5	G. Sreelatha, Aneeta Christopher, " A Novel Approach to Glioma Grading using MR Images with Deep Neural Networks", International Research Journal of Engineering and Technology, Vol 7, Issue 7, pp. 791-801, July 2020	2020

Papers published in International Conferences

SL No	Title	Year
1	Alex Raj S. M., G. Sreelatha. M. H. Supriya, "Gesture Recognition using Field Programmable Gate Arrays", International Conference on Devices, Circuits & Systems (ICDCS) 2012, Coimbtore, India, March 15th -16th 2012.	2012
2	G. Sreelatha, P. Rashmi, P. S. Sathidevi, M. Aparna, P. Chand and R. P. Rajkumar, "Automatic Detection of Comets in Silver Stained Comet Assay Images for DNA Damage Analysis", Proc. IEEE International Conference on Signal Processing, Communications and Computing (ICSPCC) 2014, Guilin, Guangxi, China, August 5th – 8th 2014, pp. 533–538, DOI: 10.1109/ICSPCC.2014.6986250.	2014
3	G. Sreelatha, M. Aparna, P. Chand, R. P. Rajkumar and P. S. Sathidevi, " An Improved Automatic Detection of True Comets for DNA Damage Analysis," Elsevier - Procedia Computer Science : International Conference on Information and Communication Technologies (ICICT) 2014, Kochi, Kerala, India, December 3rd – 5th 2014, pp. 135–142, DOI: 10.1016/j.procs.2015.02.004.	2015
4	Tony Chako, Sreelatha G, Viji R, "Fast Adaptive Spatial Reduction for discriminative Correlation Filter Tracking", Elsevier SSRN - International Conference on Systems, Energy and Environment - CSEE 2019, pp. 158 -163, 2019, DOI: http://dx.doi.org/10.2139/ssrn.3441350	2019
5	T S Jyothi, Sreelatha G, "Texture-Based Multiresolution Steganalytic Features for Spatial Image Steganography", IEEE International Conference on Smart Systems and Inventive Technology (ICSSIT 2019), pp. 966 - 971, 2019, DOI: 10.1109/ICSSIT46314.2019.8987907	2019
6	Sanjay M Santhosh, Hari Sankar S, Balagopal G, Jayakrishnan A U, Shehan P Rajendran,	2021

Faculty Profile

Sreelatha Ganapathy, " Low Cost and Modular Approach to Real-Time Vehicle to Vehicle Communication using Wi-Fi", 2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT), Organized by IIT Kharagpur, India on 6-8 July 2021, Publisher IEEE. DOI: 10.1109/ICCCNT51525.2021.9579788

Positions Held

SL No	Details	Period
1	Technical Officer to Dean (Research)	2019 - Present
2	Staff in charge of Amateur Radio Club of CET	2019 - Present
3	NIRF Coordinator	2019 - Present
4	E-journal purchase of CET	2019 - 2021
5	Member of Board of Studies of Electronics & Instrumentation of APJ Abdul Kalam Technological University	2021 - Present
6	Academic Expert of APJ Abdul Kalam Technological University to Academic Council of Autonomous college, Mar Baselios College of Engineering and Technology, Thiruvananthapuram	2021 - Present
7	Lab in charge of Advanced Research on Information systems security	2020 - Present

185.Name**Dr. V. Suresh Babu**

Date of Birth	20/05/1967
Gender	Male
Mobile No	9495502300
Faculty Type	PERMANENT
Designation	Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	20-06-1991
Qualification(UG)	B. Tech Electronics and Communication, Kerala University, 1988
Qualification(PG)	M. Tech, Integrated electronic Devices and Circuits, IIT madras
Qualification(Ph. D)	Design and Analysis of CMOS Based Neurons, Kerala University, 16-11-2013
Total Experience in years(Teaching)	31

Total Experience in

1

Faculty Profile

Total Experience in years(Industry)	15
years(Research)	
Area of Specialisation	Solar Photovoltaics, Nanotechnology
No.of Papers Published(National)	
No.of Papers Published(International)	33
No.of Papers in conferences(National)	17
No.of Papers in conferences(International)	38
Professional Memberships	ISTE Life Member

Ph.D's Guided

Area of Specialisation	Thin Film Technology	
University	APJ Abdul Kalam Technological University	
Student Name	Thesis Title	Year
Smitha P S	Investigations on Solar Energy Harvesting Systems with Nano Capacitors	2020
Fatima Rasheed J	Investigations on Graded Band Gap Thin film solar cells	2021
Fatima Rasheed J	Investigations on Graded Band Gap Thin film solar cells	2021
Fatima Rasheed J	Investigations on Graded Band Gap Thin film solar cells	2021
Nisha Jose	Investigations on the Application of MEMS Switches for Achieving Tunable Characteristics in Radio Frequency Integrated Circuit	2021

Papers published in International Journals

SL No	Title	Year
1	Resmi R., M. R. Baiju and V. Suresh Babu, "Material Dependent Thermoelastic Damping Limited Quality Factor and Critical Length Analysis with Size Effects of Micro/nanobeams	2022
2	Aseena. S, Nelsa Abraham, V Suresh Babu, Solution synthesized Cu ₂ O as hole transport layer for ZnO based planar heterojunction perovskite solar cell fabricated at room temperature, Journal of Electronic Materials. Jan 2022 https://doi.org/10.1007/s11664-022-09442-9 Indexed in SCIE, Impact Factor: 1.938.	2022
3	Resmi R., M. R. Baiju and V. Suresh Babu, " Analysis of Length Scale Parameter Impacts on Thermoelastic Damping Limited Quality Factor in Micro/Nano Beam Resonators Applying Nonclassical Elasticity Theory", Applied Nanoscience Journal, Feb 2022, DOI 10.1007/s13204-021-02259-9 Indexed in SCIE, Impact Factor: 3.14.	2022
4	Aseena. S, Nelsa Abraham, V Suresh Babu, " Simulation based Investigation on the performance of metal oxide as charge transport layers in Lead/Tin provskite solar cells using Scaps 1D", ECS Journal of Solid State Science and Technology (IOP publishing), July 2021, doi: 10.1149/2162-8777/ac12b0, Indexed in SCIE Impact Factor 2.07.	2021
5	Anju S, V Suresh Babu, Geenu Paul, "Design Optimization of high frequency AlGaIn/GaN HEMT on	2021

Faculty Profile	BGO substrates" Applied Physics A(Springer), May 2021, doi: 10.1007/s00339-021-04550-5 Indexed in SCIE, Impact Factor 2.584	
6	Smitha P S, V Suresh Babu and Shiny G, "Investigations on electrical properties of Al ₂ O ₃ , ZnO and MgO doped Ba _{0.7} Sr _{0.3} TiO ₃ ceramics based MIM capacitor for energy storage application", Integrated Ferroelectrics (Taylor & Francis), vol.213, April, 2021 https://doi.org/10.1080/10584587.2020.1860604 Indexed in SCIE, Impact Factor 0.836	2021
7	Anju S, Biji Jacob, Geenu Paul, V Suresh Babu, "DC Characterization & High frequency performance analysis of a GaN/AlGa _N HEMT on a β -Ga ₂ O ₃ Substrate", IETE Journal of Research Jan 2021. https://doi.org/10.1080/03772063.2020.1869597 Indexed in SCIE. Impact Factor 1.24	2021
8	Smitha P S, Jitha S Jayan, Appukuttan Saritha, V Suresh Babu and Shiny G, "Synthesis and Performance evaluation of Ba _x Sr _{1-x} TiO ₃ ceramic based MIM capacitor for energy storage application", Integrated Ferroelectrics (Taylor & Francis), vol.212, Nov 2020. DOI 10.1080/10584587.2020.1819032 Indexed in SCIE, Impact Factor 0.53	2020
9	Aseena S, Nelsa Abraham and V Suresh Babu, "Synthesis of CNT based nanocomposites and their application as photoanode material for improved efficiency in DSSC", Ceramics International (Elsevier), August 2020. DOI: 10.1016/j.ceramint.2020.07.339 Indexed in SCIE, Impact factor 4.527.	2020
10	Resmi R, V. Suresh Babu, MR Baiju "Analysis of Thermoelastic Damping Limited Quality Factor and Critical Dimensions of Circular Plate Resonators Based on Axisymmetric and Non-axisymmetric Vibrations", AIP Advances, March 2021, https://doi.org/10.1063/5.0033087 , Indexed in SCIE, Impact Factor 1.548.	2021
11	Fatima Rasheed J. and V. Suresh Babu, "Performance enhancement by the Introduction of Additional Narrow Band Gap Bottom Layer of aSi _{0.64} Ge _{0.36} : H on Proposed p+aSi:H/i-aSi:H/n+aSi _{0.73} Ge _{0.27} :H Thin Film Solar Cells", Journal of Nanoelectronics and Optoelectronics, Vol.15, pp.487-497, April 2020 DOI: 10.1166/jno.2020.2761. Indexed in SCIE, Impact Factor 0.60	2020
12	Fatima Rasheed J. and V. Suresh Babu, "Analysis, Optimisation and Experimental Validation of n+aSi:H/i-aSi:H/p+aSiGe:H Graded Band Gap Single Junction Solar Cell ", Results in Physics (Elsevier), Vol.16, March 2020 DOI: 10.1016/j.rinp.2020.102940 .Indexed in SCIE, Impact Factor 4.019	2020
13	Smitha P S, V Suresh Babu, Shiny G, "VCC- α nullification and leakage reduction in Pt/Ba _{0.5} Sr _{0.5} TiO ₃ /Pt thin-film capacitor by MgO barrier and PDA for energy storage application", Semiconductor Science and Technology (IOP publishing) Vol.35, no.4, February 2020. DOI https://doi.org/10.1088/1361-6641/ab73f3 Indexed in SCIE, Impact Factor 2.361	2020
14	P. S, Smitha; Suresh Babu, V; G, Shiny, "Critical Parameters of High Performance Metal-Insulator-Metal Nanocapacitors: A Review" Materials Research Express (IOP publishing) Vol.6, November 2019, DOI 10.1088/2053-1591/ab5511 Indexed in SCIE, Impact Factor 1.41	2019
15	Smitha P S, V Suresh Babu, Shiny G, "Investigation of barrier layer effect on performance parameters of Pt/BST/Pt nanocapacitor", Materials Research Express (IOP publishing) Vol.6, no.9, July 2019 DOI https://doi.org/10.1088/2053-1591/ab33b2 Indexed in SCIE, Impact Factor 1.41	2019
16	Reshma P.G., Varun P. Gopi., V. Suresh Babu, Khan A. Wahid, "Analog CMOS Implementation of FFT using Cascode Current Mirror", Microelectronics Journal (Elsevier), Vol.60, Feb 2017, pp.30-37. DOI: https://doi.org/10.1016/j.mejo.2016.12.002 Indexed in SCIE, Impact Factor 1.405	2017
17	Fatima Rasheed J. and V. Suresh Babu, "Impact of Band Gap Graded Intrinsic Layer on Single Junction Band Gap Tailored Solar Cells", Nanoscience & Nanotechnology-Asia, Sep 2021, DOI 10.2174/2210681211666210908141441, Impact Factor 0.76 (Scopus indexed)	2021
18	Fatima Rasheed J. and V. Suresh Babu, "p+aSi _{0.64} C _{1-x} :H/i-aSi:H/n+aSi _{1-x} :H Ge _x :H Band Gap Tailored Photovoltaic Structure with Composition Graded Amorphous Silicon Carbon Alloy as Window Layer" Elsevier Journal of Materials Today: Proceedings Sept 2019 DOI: 10.1016/j.matpr.2019.08.178, Scopus indexed	2019
19	Beena S, Nelsa Abraham, V Suresh Babu, "Facile synthesis and characterization studies of Mn Co-	2021

Faculty Profile	doped ceria nanoparticles: A promising electrode material for supercapacitors”, Materials Today: Proceedings https://doi.org/10.1016/j.matpr.2021.06.230 , (Scopus indexed) June 2021	
20	Resmi R., M. R. Baiju and V. Suresh Babu, “Analysis of Material Dependent Thermoelastic Damping Limited Critical Thickness in Micro/Nanobeams”, Sensors & Transducers, Vol. 239, Issue 12, December 2019, pp. 47-55. DOI http://www.sensorportal/HTML/DIGEST/P_3114.htm Scopus indexed, Impact Factor 0.45	2019
21	Aseena. S, Nelsa Abraham, V Suresh Babu, “Morphological and optical studies of zinc doped cerium oxide nanoparticles prepared by single step co-precipitation method”, Materials Today: Proceedings, June 2021 https://doi.org/10.1016/j.matpr.2021.05.636 , (Scopus indexed)	2021
22	Aseena S, Nelsa Abraham, V Suresh Babu, “Optimization of layer thickness of ZnO based perovskite solar cells using SCAPS 1D”, Materials Today : Proceedings September 2020 https://doi.org/10.1016/j.matpr.2020.09.077 Scopus indexed	2020
23	Fatima Rasheed J. and V. Suresh Babu, “Investigations on optical, material and electrical properties of aSi:H and aSiGe:H in making proposed n+aSi:H/i-aSi:H/p+aSiGe:H graded band gap single junction solar cell”, Nanoscience & Nanotechnology-Asia Vol 10 Issue 5, Nov 2020. DOI: 10.2174/2210681209666190627152852 Scopus indexed, Impact Factor 0.78	2020
24	Fatima Rasheed J. and V. Suresh Babu, “Performance evaluation of composition graded layer of aSi1-xGex: H in n+aSi:H/i-aSi:H/p+aSi1-xGex:H Graded Band Gap Single Junction Solar Cell”, Materials Today: Proceedings, Vol.27, Part1, pp.26-31, Sept 2019 DOI: 10.1016/j.matpr.2019.08.178, Scopus indexed	2019
25	P S Smitha, V Suresh Babu, G Shiny, “High performance Pd/ MgO/ Ba0.5Sr0.5TiO3/ MgO/ Pd Metal-Insulator-Metal nanocapacitor for energy storage applications”, Materials Today : Proceedings, Volume 26, issue P1, 2020, pp 64-68. DOI: 10.1016/j.matpr.2019.04.214 Scopus indexed	2020
26	Smitha P S, Jitha S Jayan, Appukuttan Saritha, V Suresh Babu and Shiny G, “Investigation on dielectric properties of Al2O3, ZnO and MgO doped Ba0.7Sr0.3TiO3 ceramics”, Materials Today : Proceedings, 2020. DOI: 10.1016/j.matpr.2020.09.837 (SCOPUS indexed)	2020
27	Anju S, V Suresh Babu, Biji Jacob, Geenu Paul, “A nanoscale AlGaN/GaN HEMT on BGO substrate with recessed T gate for high frequency applications”, Materials today Proceedings, 2021, ISSN 2214-7853. (Scopus indexed)	2021
28	Resmi R., V. Suresh Babu, M.R Baiju “Energy Dissipation Analysis in Micro/Nanobeam Cantilever Resonators Applying Non-classical Theory” Pervasive Computing and Social Networking. Lecture Notes in Networks and Systems, vol 317. Springer, Singapore. https://doi.org/10.1007/978-981-16-5640-8_41 , 2022 (Scopus Indexed)	2022

Papers published in National Conferences

SL No	Title	Year
1	Soumya.R, V. Suresh Babu, Realization of Magnitude Comparator using Threshold Logic, NCTT 2016, College of engineering, Thiruvananthapuram, August 2016	2016
2	Titupriya.V, V. Suresh Babu, Current Reference for Energy Harvesting, NCTT 2016, College of engineering, Thiruvananthapuram, August 2016	2016
3	Theresa Mathew, V. Suresh Babu, Microstrip patch antenna design for low RCS, National Conference on Technological Trends, September 2015	2015
4	Remya. P., V. Suresh Babu, nMicrostrip patch antenna design for GPS systems, National Conference on Technological Trends, September 2015	2015
5	Vandana Ramankutty, V.Suresh Babu, “Carbon Nanotube based Digital VLSI Circuit”, National Conference on Communication and Signal Processing, GEC, Idukki, March 2014	2014
6	Arun. S, V. Suresh Babu, “Analog implementation of FFT Algorithm using Current Mirror Circuits”,	2011

Faculty Profile	National Conference on Technological Trends, November 2011	
7	Salini Thankachan, V. Suresh Babu, "A Novel Programmable Current Reference with Temperature and Supply Voltage Compensation", National Conference on Technological Trends, November 2010	2010
8	Haseena P. S, V. Suresh Babu, "A Floating Gate MOSFET Based Current Reference", 10th National Conference on Technological Trends, November 2009	2009
9	Sambasiva Rao V, V. Suresh Babu, "FinFET based Voltage Reference", 10th National Conference on Technological Trends, November 2009	2009
10	Varun P. Gopi, V. Suresh Babu, "Independently driven Double Gate FinFET Scalable to 10 nm", National Conference on Technological Trends, November 2009	2009
11	Remya. G, V. Suresh Babu, "Tunable gm –C Filter using Linearised Cross Coupled FGMOS OTA", 9th National Conference on Technological Trends, November 2008	2008
12	Salini Devi, V. Suresh Babu, "A novel FGMOSFET circuit for neuron activation function and its derivative", 9th National Conference on Technological Trends, November 2008	2008
13	Ambika Sekhar, V. Suresh Babu, "Floating gate MOSFET based operational transconductance amplifier and study of mismatch", 9th National Conference on Technological Trends, November 2008	2008
14	Divya N. Nadar, V. Suresh Babu, "OTA based Low Voltage Oscillating Neuron", 8th National Conference on Technological Trends, November 2007	2007
15	Rose Katherine A.A, V. Suresh Babu, M.R Baiju, "FGMOS Based Transconductance Amplifier with Programmable Characteristics", 8th National Conference on Technological Trends, November 2007	2007
16	Shiju. P. P., V Suresh Babu, "Single transistor synapse for neural networks", 7th National Conference on Technological Trends, November 2006	2006
17	Hema.S, V. Suresh Babu, "FPGA Implementation of Viterbi decoder", National Conference on Technological Trends, November 2006	2006

Papers published in International Conferences

SL No	Title	Year
1	Resmi R., V. Suresh Babu, M.R Baiju "Energy Dissipation Analysis in Micro/Nanobeam Cantilever Resonators Applying Non-classical Theory" Pervasive Computing and Social Networking. Lecture Notes in Networks and Systems, vol 317. Springer, Singapore. https://doi.org/10.1007/978-981-16-5640-8_41 , 2022 (Scopus Indexed)	2022
2	Resmi R, V. Suresh Babu, M.R. Baiju, Impact of dimensionless length scale parameter on material dependent thermoelastic attenuation and study of frequency shifts of rectangular microplate resonators. IOP Conf. Ser.: Mater. Sci. Eng. 1091 012067 (2021) (Scopus Indexed)	2021
3	Resmi R., Suresh Babu V., M.R Baiju "Analysis of Temperature Impacts on Material Dependent Thermoelastic Damping in Simply Supported Rectangular Microplate Resonators applying Size Effects" 4th International Conference on Computer Networks, Big Data and IoT (ICCBI-Springer, December 9-10; Lecture Notes on Data Engineering and Communication Technologies ISSN:2367-4512, 2021 (Scopus Indexed)	2021
4	Resmi R, M. R. Baiju, V. Suresh Babu "Thermoelastic damping dependent quality factor analysis of rectangular plates applying modified couple stress theory", AIP Conference Proceedings 2166, 020029 ; https://doi.org/10.1063/1.5131616 (2019) (Scopus Indexed)	2019
5	Resmi R., M. R. Baiju and V. Suresh Babu, "Material dependent thermoelastic damping limited quality factor analysis of disc resonators," 2017 International conference on Electronics, Communication and Aerospace Technology (ICECA-IEEE), 2017, pp. 675-680, doi: 10.1109/ICECA.2017.8212750	2017
6	Resmi R., M. R. Baiju and V. Suresh Babu, "Dimensionless bending rigidity ratio and material	2022

Faculty Profile	dependency of microbeams with size effects," 4th International Conference on Trends in Material Science and Inventive Materials, 2022 (ICTMIM 2022) March 24-25, Accepted (Publication in Springer Proceedings in Materials)	
7	Resmi R., M. R. Baiju and V. Suresh Babu, "Impacts of Vibration Mode Switching on Energy Dissipation Analysis of Rectangular Microplate Resonator Based Sensors in IoT Applications" 5th International Conference on Computer Networks and Inventive Communication Technologies (ICCNCT 2022) April 1-2, Accepted	2022
8	Anju S, V Suresh Babu, Bijji Jacob, Geenu Paul, "A nanoscale AlGaN/GaN HEMT on BGO substrate with recessed T gate for high frequency applications", Proceedings of 2021 IEEE international conference on Nanoelectronics, Nanophotonics, Nanoscience and Nanotechnology (5NANO 2021, IEEE)	2021
9	Fatima Rasheed J. and V. Suresh Babu, "Performance of wide band gap amorphous silicon alloys as passivation layer in graded band gap solar structure", organized by SRM Institute of Science and Technology, Chennai, 1st -3rd February, 2021	2021
10	Anju S, V Suresh Babu, Geenu Paul, "Performance improvement of an AlGaN/GaN HEMT on BGO substrate using gate recess technique", proceedings of Kerala State Science Congress 2021.	2021
11	Smitha P S, Jitha S Jayan, Appukuttan Saritha, V Suresh Babu and Shiny G, "Investigation on dielectric properties of Al ₂ O ₃ , ZnO and MgO doped Ba _{0.7} Sr _{0.3} TiO ₃ ceramics", International Conference on Nanoelectronics, Nanophotonics, Nanomaterials, Nanobioscience & Nanotechnology (5NANO2020), Mangalam College of Engineering, Kottayam, Kerala, 23-24 July 2020, pp. 436-440 IEEE. (Best Paper Award)	2020
12	Aseena S, Nelsa Abraham and V Suresh Babu, "Optimization of layer thickness of ZnO based perovskite solar cells using SCAPS 1D" International Conference on Nanoelectronics, Nanophotonics, Nanomaterials, Nanobioscience & Nanotechnology (5NANO2020), Mangalam College of Engineering Kottayam, 23-24 July, 2020	2020
13	Fatima Rasheed J. and V. Suresh Babu, "p+aSi _{1-x} C _{1-x} :H/i-aSi _{1-x} :H/n+aSi _{1-x} Gex:H Band Gap Tailored Photovoltaic Structure with Composition Graded Amorphous Silicon Carbon Alloy as Window Layer". in Third International Conference on Solar Energy Photovoltaics held at School of Electronics Engineering, KIIT Bhubaneswar, Odisha 19th-21st December, 2019	2019
14	Resmi R., M. R. Baiju and V. Suresh Babu, "Thermoelastic damping dependent quality factor analysis of rectangular plates applying modified coupled stress theory", AIP Conference Proceedings 2166, 020029, 25 October, 2019	2019
15	Fatima Rasheed J. and V. Suresh Babu, "Performance evaluation of composition graded layer of aSi _{1-x} Gex:H in n+aSi _{1-x} :H/p+aSi _{1-x} Gex:H Graded Band Gap Single Junction Solar Cell", in First International Conference on Recent Advances in Materials and Manufacturing (ICRAMM 2019) held at the Department of Mechanical Engineering, KLE Dr.M.S.Sheshgiri College of Engineering and Technology, 12nd-14th September, 2019	2019
16	Smitha P S, V Suresh Babu, Shiny G, "Annealing effects on capacitance density and voltage coefficient of capacitance (VCC) of thin-film capacitor for energy harvesting application", IEEE International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (IMICPW-2019), National Institute of Technology, Trichy, May 22-24, 2019	2019
17	Aseena S, Nelsa Abraham and V Suresh Babu, "A Novel Perovskite Solar Cell with ZnO-Cu ₂ O as Electron Transport Material-Hole Transport Material," IEEE International conference on Microwave Integrated Circuits, Photonics and Wireless Networks- 2019, National Institute of Technology, Trichy, 22-24th May 2019	2019
18	Aseena S, Nelsa Abraham and V Suresh Babu, "Synthesis of ZnO/CNT Nanocomposite by Microwave and Ultrasound Assisted Two Step Process," IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking 2019 (ViTECoN), Vellore Institute of Technology, Vellore, 30-31st March 2019	2019
19	Rasheed, J. Fatima, and V. Suresh Babu. "Characterisation and performance evaluation of	2019

Faculty Profile	amorphous silicon nitride as passivation layer in thin film aSi:H solar cells." In 2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT), SVS College of Engineering, Coimbatore, 20-22 Feb. 2019	
20	Smitha P S, V Suresh Babu, Shiny G, "Investigation of barrier layer effect on performance parameters of Pt/BST/Pt nanocapacitor", 5th International Conference on Nanoscience and Nanotechnology (ICONN-2019), SRM Institute of Science and Technology, 28-30 January 2019, pp.1025-1031, ISBN:978-93-841361-6-1	2019
21	Smitha P S, V Suresh Babu, Shiny G, "High performance Metal-Insulator-Metal nanocapacitor for energy storage applications", 2nd International Conference on Nano Science and Engineering Applications (ICONSEA 2018), Jawaharlal Nehru Technological University Hyderabad, 4-6, October 2018, pp.73-77, ISBN:978-81-924726-4-5	2018
22	Fatima Rasheed, V. Suresh Babu, "Simulation on the performance series and parallel connected tandem solar cells-a comparison study" 2017 IEEE region 10 symposium, TENSYP17, Cochin, July 2017	2017
23	Resmi R., M. R. Baiju and V. Suresh Babu, "Material dependent thermoelastic damping limited quality factor analysis of disc resonators", International conference of Electronics, Communication and Aerospace Technology (ICECA), Coimbatore, India, 20-22 April 2017	2017
24	Beema Akbar, Varun P Gopi, V Suresh Babu, "Colon Cancer Detection Based on Structural and Statistical Pattern Recognition", IEEE sponsored 2nd International Conference on Electronics and Communication System (ICECS), 2015	2015
25	V. Suresh Babu, Varun P. Gopi, Salini Thankachan, M. R. Baiju, " A Novel programmable Current Reference with FGMOSFETs", proceedings of the 2014 International Conference on Circuits, Systems and Control, Interlaken, Switzerland, Feb 2014.	2014
26	V. Suresh Babu, Salini Thankachan, M. R. Baiju, "A Floating Gate MOSFET based Current reference Circuit", International Conference on Control Systems and Electronics, Interlaken, Switzerland, Feb 2014	2014
27	Arun. S, V. Suresh Babu, "Implementation of Radix 2 and split Radix FFT Algorithm using Current Mirrors", IEEE International Conference on Power and Computing Technologies ICCPCT 2013	2013
28	Aiswariya Raj, V. Suresh Babu, "Programmable Temperature insensitive Voltage and Current Reference using Floating Gate MOSFETs", International Conference on Technological Trends, Nov 2010	2010
29	Varun P. Gopi, V. Suresh Babu, M. R. Baiju, "Scaling Issues in IDDG FinFET at Small Gate Length", 3rd IEEE International Conference on Information Science and Interaction Science, 23-25 June 2010, pp.683-687, Chendu, China	2010
30	Haseena P.S, V. Suresh Babu, M.R Baiju. "A Floating gate MOSFET Based Current Reference", Proceedings of International Conference on Control, Communication and Computing, ICC2010, February 2010	2010
31	V. Suresh Babu, Haseena P.S, M.R Baiju. "A Floating gate MOSFET Based Current Reference with Subtraction technique", Proceedings of IEEE Computer Society Annual Symposium on VLSI, ISVLSI 2010	2010
32	V. Suresh Babu, Salini Devi, Ambika Sekhar, M.R Baiju, "FGMOSFET Circuit for Neuron Activation Function and its Derivative", Proceedings of IEEE ICIEA (DATICS) November 2009	2009
33	V. Suresh Babu, Ambika Sekhar, Salini Devi, M.R Baiju, "A Floating Gate MOSFET Based Operational Transconductance Amplifier and Study of Mismatch", Proceedings of IEEE ICIEA (DATICS) November 2009	2009
34	Shihabudeen A, V. Suresh Babu, M. R. Baiju, "A Low Power Sub 1V 3.5 ppm/°C Voltage Reference Featuring sub threshold MOSFETS", Proceedings of International conference ISCES, Malta, Aug 31st to Sept 3rd 2008	2008
35	V. Suresh Babu, Rose Katherine AA, M.R Baiju, "Floating gate MOSFETs V. Suresh Babu, Divya N.	2008

Faculty Profile	Nadar, M.R Baiju, “Low Power 1 V CMOS Oscillating Neuron”, Proceedings of MIPRO, MEET, Croatia May 2008	
36	Based Neuron Activation Function and its Derivative with Continuously Programmable Characteristics and Increased linear Range”, Proceedings of MIPRO, MEET Croatia, May 2008	2008
37	V. Suresh Babu, Rose Katherine AA, M.R Baiju, “Adaptive Neuron Activation Function with FGMOS Based operational Transconductance Amplifier” Proceedings of IEEE Computer Society, Annual Symposium on VLSI, April 2008	2008

Books Published

SL No	Title	Coauthors
1	Introduction to Principles of Electronics	-
2	Introduction to Principles of Electronics, 2nd Edition	-
3	Solid State Devices and Technology	-
4	Solid State Devices and Technology Concise Edition	-
5	Solid State Devices and Technology 2nd Edition	-
6	Solid State Devices and Technology 3rd Edition	-
7	Solid State Devices and Technology 4th Edition	-
8	Basics of Electronics Engineering	Varun P Gopi
9	Introduction to electronics Engineering	Varun P Gopi

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Outcome Based Education with Assessment and Evaluation	One week
2	Outcome Based Education and Accreditation	4 day
3	National Examinations Transformation 2020	1 day
4	Outcome Based Education	2 days
5	Outcome based accreditation	5 days
6	Training on e-Governance Programme on Change management	3 days
7	Workshop of Principals and Head of Departments of Government Engineering Colleges for Strategic Planning	3 days
8	Inspirational Leadership for Performance Excellence	5 days

9	Quality Initiatives in Technical and Higher Educational Institutions	3 days
10	Residential Training Programme on e-Gov: Transforming Government Sector	5 days
11	Work life balance and stress management	5 days
12	Management Capacity Enhancement Programme	7 days
13	Preparation of Institutional Development Plan for Quality Technical Education in the State	3 days
14	Accreditation Awareness Programme and National Skill Qualification Framework	2 days
15	Academic Leadership Programme for TEQIP Institutions	6 days
16	Strategic Planning and Good Governance	2 days
17	Effective Office Administration and Management	5 days
18	Seminar on Motivation & Interpersonal Relations	2 days
19	Advanced Nanomaterials, nanotechnology and applications	3 days
20	Microelectronics : Fundamentals to Devices	6 days
21	Workshop on Advanced Research for High-tech Industry	3 days
22	Short Term Course on Nanoelectronics	5 days
23	STC on Nanotechnology	3 days
24	Staff Development Programme on VLSI Design and System on Chip	15 days
25	Nanotechnology; Opportunity and Challenges	5 days

Faculty Profile

26	Workshop on Research Project Proposal	2 days
27	Seminar on Stochastic Process	1 day
28	Advances in Optical Communication	8 days
29	VLSI: Design, Technology, Architecture	4 days
30	Research Orientation	5 days
31	Advances in Electronic Communication & Systems	2 weeks
32	The Applications of Transform Theory to Optics and Optical Communication	10 days
33	Image Processing	2 weeks
34	VLSI Design & VHDL	3 weeks
35	Simulation & Design of Electronic Devices	2 weeks
36	Programming in C	1 Month
37	Instruction Enhancement Programme in Electronics Devices	8 weeks

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsore
1	Talk on Single Electron Transistor	2013,Dr. Santhan Professor, IISc, Ba
2	Nanoplastics	2013,Dr. Y. Sriniva University
3	Machine Learning	2014,Dr. Deepak Thapar university,

Positions Held

SL No	Details	Period
1	Member Board of Directors, TrESTResearch Park, CET Trivandrum	September 2021 c
2	Dean Academics, Government Engineering College, Wayanadu	January 2021-Oct
3	Chairman IQAC, Government Engineering College, Wayanadu	January 2021 - Or
4	Member governing Body, Mar Baselios College of Engineering and Technology,	January 2021 onw

Faculty Profile	Thiruvananthapuram, (Autonomous)	
5	Member, Academic Committee of Polytechnic colleges in Kerala	February 2021 on
6	Member BoG, Government Engineering College, Wayanadu	January 2021-Oct
7	Member BoG, Government Engineering College, Barton Hill	2019-2020
8	Member BoG, Government Engineering College, Kozhikod	2019-2020
9	Member BoG, Cooperative Institute of Technology, Trikkaripur	2019-2020
10	Member BoG, Rajiv Gandhi institute of Technology, Kottayam	2019-2020
11	Controller of Examinations, APJ Abdul Kalam Technological University, Thiruvananthapuram, Kerala	17-08-2019 to 16-
12	Head of Department of Electronics and Communication Engineering, Government Engineering College, Barton Hill	01-06-2016 to 22-
13	Member Academic Council, University of Kerala	Dec 2012 to Dec :
14	Chairman Board of Studies Electronics, University of Kerala	2008-2012
15	Member workload assessment committee, directorate of Technical Education	2016-2018
16	Coordinator, Technical Education Quality Improvement Programme (TEQIP), Government Engineering College , Idukki	January 2014 to J
17	TEQIP Procurement Coordinator and Purchase coordinator, Dept of Electronica and Communication Engineering, College of Engineering, Trivandrum	2005-2012
18	Nodal Officer, Industry Institute Interaction Cell (IIIC), TEQIP, GEC, Idukki	June 2013 to Janu
19	Convener curriculum committee, APJ Abdul Kalam Technological University, Thiruvananthapuram, Kerala	2014-2015
20	IEEE Student Branch Counselor, College of Engineering, Trivandrum	July 2014 to May
21	PG Coordinator, Government Engineering College, Idukki	2013-2014
22	Secretary, Staff Club, College of Engineering, Trivandrum	2010-2012

Expert Talks Delivered

SL No	Title	Year
1	Webinar on Introduction to Outcome Based Education	2022
2	Outcome Based Accreditation	2021
3	Introduction to Outcome based Teaching Learning Process	2021
4	Introduction to Outcome based Teaching Learning Process	2021
5	Introduction to Outcome based Teaching Learning Process	2021

Faculty Profile

6	Introduction to Outcome based Teaching Learning Process	2021
7	Introduction to outcome Base Education and Accreditation	2021
8	Introduction to Outcome based Accreditation	2021
9	Introduction to Accreditation and Outcome Based Education	2021
10	Introduction to OBE	2021
11	Introduction to OBE	2021
12	Advances in Semiconductor Devices	2020
13	Bipolar Junction Transistors	2020
14	Outcome Based Education	2019
15	Outcome Based Education	2019
16	Outcome Based Education	2018
17	Advances in Semiconductor Physics	2017
18	Physics of Nanoelectronic Devices	2014

Faculty Profile

19	Fundamentals of Solid State Devices	2014
20	VLSI Scaling Issues	2014
21	Introduction to VLSI	2013
22	VLSI to Nanoelectronics	2012
23	MOSFET Theory	2012
24	Nanoelectronic Devices	2012
25	Single Electron Transistor	2011
26	CMOS Circuit Design	2011
27	Basics of Semiconductor Devices	2009
28	Scaling in CMOS VLSI	2009

186.Name **Dr.Joseph Zacharias**



Date of Birth	30/05/1973
Gender	Male
Mobile No	9447462607
Faculty Type	PERMANENT
Designation	Professor
Department	Electronics and Communication Engineering

Date of Joining in the 13/12/2001

Institution Faculty Profile

Qualification(UG)	B Tech
Qualification(PG)	M Tech
Qualification(Ph. D)	Ph.D
Total Experience in years(Teaching)	24
Total Experience in years(Industry)	0-
Total Experience in years(Research)	12
Area of Specialisation	Optical, Image Processing, Machine Learning
No.of Papers Published(National)	0
No.of Papers Published(International)	9
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	10
Professional Memberships	ISTE, IE

Positions Held

SL No	Details	Period
1	Professor	4 years

187.Name **HARI R**



Date of Birth	27/08/1974
Gender	Male
Mobile No	9447725443
Faculty Type	PERMANENT
Designation	Professor

Department Electronics and Communication Engineering

Faculty Profile	
Date of Joining in the Institution	23/09/1999
Qualification(UG)	BTECH ECE
Qualification(PG)	MTECH CIS
Qualification(Ph. D)	PhD VIDEO PROCESSING
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	NIL
Total Experience in years(Research)	NIL
Area of Specialisation	VIDEO PROCESSING
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	5
Professional Memberships	

188.Name **SURESH KUMAR E**



Date of Birth	30/05/1979
Gender	Male
Mobile No	9747917931
Faculty Type	PERMANENT
Designation	Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	11/03/2019

Qualification(UG) BE

Faculty Profile Qualification(PG)	M.Tech
Qualification(Ph. D)	Engineering
Total Experience in years(Teaching)	23
Total Experience in years(Industry)	1
Total Experience in years(Research)	3
Area of Specialisation	Microelectronics and Reliability Engineering
No.of Papers Published(National)	1
No.of Papers Published(International)	16
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	16
Professional Memberships	ISTE

Books Published

SL No	Title	Coauthors
1	Nil	Nil

Consultancy Details

SL No	Consultancy	Year
1	Nil	Nil

Patents/Grants Fetched

SL No	Patent	Grant
1	Nil	Nil

Technology Transfer

SL No	Details
1	Nil
2	Nil

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	IT ENABLED SUPPLY CHAIN MANAGEMENT	29/10/2001 to 10/

Faculty Profile

2	INDUCTION TRAINING PROGRAMME IN MANAGEMENT	17/12/2002 to 06/
3	SOLAR ENERGY AND ITS APPLICATIONS	20/01/2003 to 02/
4	ADVANCES IN NON DESTRUCTIVE TESTING	30/06/2003 to 12/
5	CDMA 2000 AN APPROACH TO 3G WIRELESS SYSTEMS	15/12/2003 to 26/
6	SOFT COMPUTING TECHNIQUES FOR CONTROLS DESIGN	11/12/2006 to 23/
7	LOW POWER VLSI DESIGN AND EMBEDDED TECHNOLOGY	12/02/2007 to 25/
8	RECENT TRENDS IN MICROELECTRONICS AND MEMS	12/11/2007 to 24/
9	ADVANCED MATHEMATICS IN ENGINEERING	14/12/2007 to 18/
10	PEDAGOGICAL TRAINING IN ENGINEERING EDUCATION	03/11/2008 to 15/
11	WORKSHOP ON STOCHASTIC PROCESSES	19/12/2008 to 22/
12	Pedagogical Training in Engineering Education	13.10.2014 to 18.
13	First Aid and Safety in Engineering Industry	20.10.2014 to 25.
14	Industrial Automation and Computer Numerical Control	06.11.2014 to 08.
15	Fire Safety and Rescue Operations in Industry and Organizations on Emergency	10.11.2014 to 15.
16	Biomedical Material Science and Tissue Engineering 27th to 29th Nov 2014	27.11.2014 to 29.
17	Nuclear Radiation - Health Effects and Protection	08.06.2015 to 13.
18	Workshop on Pedagogy	21.09.2015 to 23.
19	Six Sigma Quality in Engineering Technology Education	15.06.2015 to 20.

Faculty Profile

20	Power Electronic Circuits and Control	14.12.2015 to 18.12.2015
21	Engineering Research	12.01.2016 to 18.01.2016
22	Power Semiconductors and Thyristor Engineering	15.02.2016 to 19.02.2016
23	Applied Machine Learning	12.09.2016 to 16.09.2016
24	Custom Power Devices for Power Quality Improvement	06.10.2016 to 08.10.2016
25	Energy Audit Methodology and Practice	01.03.2016 to 03.03.2016
26	Inspirational Leadership for Performance Excellence	13.02.2017 to 17.02.2017
27	Electronic Waste and Environmental Degradation	10.08.2016 to 12.08.2016

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsoring Agency
1	LOW POWER VLSI DESIGN AND EMBEDDED TECHNOLOGY	2007,DTE KERALA
2	Pedagogical Training in Engineering Education	2014,TEQIP Government of India
3	First Aid and Safety in Engineering Industry	2014,TEQIP
4	Industrial Automation and Computer Numerical Control	2014,TEQIP
5	Fire Safety and Rescue Operations in Industry and Organizations on Emergency	2014,TEQIP
6	Biomedical Material Science and Tissue Engineering 27th to 29th Nov 2014	2014,TEQIP
7	Nuclear Radiation - Health Effects and Protection	2015,TEQIP
8	Six Sigma Quality in Engineering Technology Education	2015,TEQIP
9	Power Semiconductors and Thyristor Engineering	2016,TEQIP
10	Energy Audit Methodology and Practice	2016,TEQIP
11	Electronic Waste and Environmental Degradation	2016,TEQIP

Positions Held

SL No	Details	Period
1	Lecturer	1999 - 2001
2	Lecturer	2001 to 2010
3	Assistant Professor	2010 to 2014
4	Associate Professor	2014 to 2018
5	Professor	2018 onwards

Expert Talks Delivered

SL No	Title	Year
1	Paradigm Shift from School to Engineering College	2017

Faculty Profile

2	Paradigm Shift from School to Engineering College	2021
---	---	------

189.Name	Susan R J
----------	-----------



Date of Birth	28/05/1968
Gender	Female
Mobile No	9447863930
Faculty Type	PERMANENT
Designation	Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	9/9/2021
Qualification(UG)	BTECH (Electronics and Communication)
Qualification(PG)	MTECH (Applied Electronics and Instrumentation)
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	20
Total Experience in years(Industry)	6
Total Experience in years(Research)	1
Area of Specialisation	Digital Communication
No.of Papers Published(National)	4
No.of Papers Published(International)	
No.of Papers in conferences(National)	4
No.of Papers in conferences(International)	4

Professional	ISTE
--------------	------

190.Name **ajayan KK**



Date of Birth	31/05/1969
Gender	Male
Mobile No	9446556256
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	19-12-2002
Qualification(UG)	Btech Electronics and Communication
Qualification(PG)	
Qualification(Ph. D)	ME Computer Science and Engg
Total Experience in years(Teaching)	26
Total Experience in years(Industry)	3
Total Experience in years(Research)	26
Area of Specialisation	Desisgn automation
No.of Papers Published(National)	1
No.of Papers Published(International)	1
No.of Papers in conferences(National)	20
No.of Papers in conferences(International)	12
Professional Memberships	

Faculty Profile

191.Name **Dr Chandini G S**




Date of Birth	30/04/1966
Gender	Female
Mobile No	9447551866
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	07/02/1991
Qualification(UG)	B Tech in ECE
Qualification(PG)	M Tech in Microwave &TV Engg
Qualification(Ph. D)	Power Electronics
Total Experience in years(Teaching)	31
Total Experience in years(Industry)	1.5
Total Experience in years(Research)	2
Area of Specialisation	Power Electronics
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	4
Professional Memberships	ISTE

Papers published in International Journals

SL No	Title	Year
1	SCALAR BASED CMV REDUCTION METHOD FOR AN EVEN LEVEL INVERTER USING OPEN-	IJARET 2018

Papers published in International Conferences

SL No	Title	Year
1	Common-Mode Voltage Eliminated 2-level PWM Inverter Based on a Cascaded 3-level Inverter-ICEEOT	2016
2	Three-level inverter scheme with common-mode voltage elimination for an open-end winding induction motor drive-PEDES	2016
3	Common-Mode Voltage Elimination Technique For an Open-End Winding Induction Motor Using Carrier Based PWM- TAP ENERGY	2017

192.Name	Dr Sajith V	
Date of Birth	16/05/1966	
Gender	Male	
Mobile No	9446404444	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Electronics and Communication Engineering	
Date of Joining in the Institution	31/03/2004	
Qualification(UG)	B Tech	
Qualification(PG)	M Tech	
Qualification(Ph. D)	P hD	
Total Experience in years(Teaching)	30 years	
Total Experience in years(Industry)	Nil	
Total Experience in years(Research)	6 years	
Area of Specialisation	Biomedical Engineering	
No.of Papers Published(National)	5	
No.of Papers Published(International)	3	
No.of Papers in conferences(National)	4	

ferences(International)

Faculty Profile

Professional Memberships	Member ISTE, IEEE, IAENG
--------------------------	--------------------------

193.Name	Dr. Biju K S
----------	--------------



Date of Birth	14/08/1971
Gender	Male
Mobile No	9446311606
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	29/09/2021
Qualification(UG)	Applied Electronics and Instrumentation
Qualification(PG)	Applied Electronics and Instrumentation
Qualification(Ph. D)	Biosignal Processing
Total Experience in years(Teaching)	19
Total Experience in years(Industry)	0
Total Experience in years(Research)	7
Area of Specialisation	Biosignal Processing
No.of Papers Published(National)	0
No.of Papers Published(International)	4
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	8
Professional Memberships	Senior IEEE member, AeSI

Papers published in International Journals

Papers published in International Journals


Faculty Profile

SL No	Title	Year
1	Biju, K. S., & Jibukumar, M. G. (2018). Ictal EEG Classification based on State Space Modeling of Intrinsic Mode functions. Procedia Computer Science, 125, 468-475. (International Journal)	2018
2	Biju, K. S., & Jibukumar, M. G. (2018). CLASSIFICATION OF ICTAL EEG USING MODELING BASED SPECTRAL AND TEMPORAL FEATURES ON INSTANTANEOUS AMPLITUDE-FREQUENCY COMPONENTS OF IMFs. Biomedical Engineering: Applications, Basis and Communications, 30(06), 27231850042. (International Journal)	2018
3	Biju, K. S., Hakkim, H. A., & Jibukumar, M. G. (2017). Ictal EEG classification based on amplitude and frequency contours of IMFs. Biocybernetics and Biomedical Engineering, 37(1), 172-183. 2017 (International Journal)	2017
4	Biju, K. S., Alfa, S. S., Lal, K., Antony, A., & Akhil, M. K. (2017). Alzheimer's detection based on segmentation of MRI image. Procedia computer science, 115, 474-481	2017
5	Biju, K. S., & Jibukumar, M. G. (2018). Ictal EEG Classification based on State Space Modeling of Intrinsic Mode functions. Procedia Computer Science, 125, 468-475. (International Journal)	2018

Papers published in International Conferences

SL No	Title	Year
1	Biju, K. S., Jibukumar, M. G., & Rajasekharan, C. (2018). EEG Analysis Using a Wavelet Packet Transforms Mean Energy and Mean Teager Energy with an Artificial Neuro-Fuzzy System. In Exergy for A Better Environment and Improved Sustainability 2 (pp. 627-635). Springer, Cham. (Proceeding of 7th International Exergy, Energy and Environment Symposium, University of Valenciennes, France) (Book Chapter)	2015
2	Biju K. S., Hareeshkumar M., Girishkumar C., Jibukumar M. G. Reconfigurable Filter Bank for Accurate Spectral Decomposition of EEG Signals. Proceedings of the 3rd Regional Conference on Biosensors, Bodiagnosics, Biochips and Biotechnology 2016 (3rdRC4Bs-2016), AIMST University, Kedah, Malaysia, pp.57-66, April 2016, ISBN: 978-983-43522-8-8 (Book Chapter)	2016
3	Karthika, D. S., Biju, K. S., Silpa, G. H., & Kumar, C. G. (2019, January). Detection of Hairline Fracture Foot Using Canny Operator and Wavelet Packet Transform. In International Conference on Artificial Intelligence, Smart Grid and Smart City Applications (pp. 741-748). Springer, Cham. (Book Chapter)	2019
4	Prasannan, P., Biju, K. S., & Prasannakumar, R. (2020). Fetal Congenital Heart Disease Detection Using Echo Image Enhancement of Atrio-Ventricles (AV) and Vascular Blood Flow. In Recent Asian Research on Thermal and Fluid Sciences (pp. 93-102). Springer, Singapore. (Book Chapter)	2020
5	P. T. Angali and K. S. Biju Detection of First-Episode of Schizophrenia Brain MRI Images Using Random Forest Classifier International conference on Automation, Signal Processing, Instrumentation and Control (ICASIC) 2020 (International Conference)	2020
6	Anuroopa A., Sujatha Theresea and Biju K. S. Improved Exergy in Three Phase Induction Motor by Eliminating Harmonics using Wavelet Packet Transform, 11th International Exergy, Energy and Environment Symposium (IEEES-11), July 14-18, 2019, Chennai, India (International Conference)	2019
7	Biju K. S. and Indu. S Energy modeling of EEG signal using Autoregressive - Empirical Mode Decomposition Method , 11th International Exergy, Energy and Environment Symposium (IEEES-11), July 14-18, 2019, Chennai, India (International Conference)	2019
8	Arshitha Femin and K S Biju "Accurate detection of buildings from satellite images using CNN", 2nd International Conference on Electrical, Communication and Computer Engineering (ICECCE), , June 12-13 2020, Istanbul, Turkey. (International Conference)	2020
9	Biju. K. Sivathanu, M. Madhusoodanan and C. J. Jose, "Near-lossless compression for multichannel	2020

Faculty Profile	EEG using empirical mode decomposition," 2020 32nd International Conference on Microelectronics (ICM), Aqaba, Jordan, 2020, pp. 1-4, (International Conference)	
10	Biju. K. Sivathanu, M. Madhusoodanan and C. J. Jose, "Near-lossless compression for multichannel EEG using empirical mode decomposition," 2020 32nd International Conference on Microelectronics (ICM), Aqaba, Jordan, 2020, pp. 1-4, (International Conference)	2020
11	Biju. K. Sivathanu, M. Madhusoodanan and C. J. Jose, "Near-lossless compression for multichannel EEG using empirical mode decomposition," 2020 32nd International Conference on Microelectronics (ICM), Aqaba, Jordan, 2020, pp. 1-4, (International Conference)	2020
12	Biju. K. Sivathanu, M. Madhusoodanan and C. J. Jose, "Near-lossless compression for multichannel EEG using empirical mode decomposition," 2020 32nd International Conference on Microelectronics (ICM), Aqaba, Jordan, 2020, pp. 1-4, (International Conference)	2020
13	Biju. K. Sivathanu, M. Madhusoodanan and C. J. Jose, "Near-lossless compression for multichannel EEG using empirical mode decomposition," 2020 32nd International Conference on Microelectronics (ICM), Aqaba, Jordan, 2020, pp. 1-4, (International Conference)	2020

194.Name	Dr. Binu L S	
Date of Birth	27-05-1974	
Gender	Male	
Mobile No	9447343160	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Electronics and Communication Engineering	
Date of Joining in the Institution	21-11-2002	
Qualification(UG)	Electronics & Communication	
Qualification(PG)	Applied Electronics & Instrumentation	
Qualification(Ph. D)	BioMedical Engineering	
Total Experience in years(Teaching)	19	
Total Experience in years(Industry)	1	
Total Experience in years(Research)	4	
Area of Specialisation	Process Control, Control Systems, Biomedical Instrumentation, Transducers and Instrumentation, Mechatronics and Robotics	
No.of Papers	Nil	

No.of Papers Published(International)	4
No.of Papers in conferences(National)	26
No.of Papers in conferences(International)	16
Professional Memberships	ISTE, IAENG

Projects Guided in Master's Level

Area of Specialisation	Signal Processing	
University	Kerala Technological University	
Student Name	Project Title	Year
Chippy Jose	Effective noise reduction Technique for hearing aids	2020
Aparna P.	Simulation of Pulsatile blood flow through coronary artery	2011
Priyaraj P.R.	CFD Simulation and analysis of Stress distribution in stenosed left coronary artery before and after stenting	2011
Safia Salim	Extraction and FSI modeling of Left coronary artery structure from patient's CTA images	2012
Sujith S.	Computational Simulation of Intracoronary flow using real coronary geometry	2012
16. Dayal N. D	Sliding Mode Control of a Satellite System	2012
Sanchu Andrews Jacob	SHRINK and SWELL effect remission in Drum Boiler Control System using Modified Genetic Algorithm	2013
Aswathy S.	Modelling and Characterisation of Left Coronary Artery Bifurcation Lesions	2013
Sreelakshmi K.G.	Acceleration-based Leak Monitoring in Pipes using Artificial Neural Network	2014
Sreejith K. P	Expert System for the Diagnosis of Myocardial Infarction based on ECG analysis	2014
Asha B Krishnan	Classification of ECG Signals Using PCA and SVM for Prediction of Life-Threatening Arrhythmia	2015
Brijesh Varghese	Remote Laboratory using Real -Time Instrument Control and Measurement via Internet for process control Experiments,	2015

Papers published in International Journals

SL No	Title	Year
1	1. International Journal of Hybrid Information Technology Vol. 4, No. 1, January, 2011, Fuzzy Assisted PI Controller for Pressure Regulation in a Hypersonic Wind Tunnel.	2011
2	2. International Journal of Computer Application, IJCA Special issue on Artificial Intelligence, Techniques, Novel approaches and Practical Applications, AIT 2011, pp. 29-33, Fuzzy Assisted PI Controller with anti-reset windup for regulating Pressure in a Hypersonic Wind Tunnel.	2011
3	3. Binu L.S., A. Suresh Kumar, Prabha Nini Gupta, "Impact of Inlet Velocity on Lesions in the Left Main Coronary Bifurcation – A Comparative Study Using 3D and 2D Models" International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 8, Number 3, 2013, pp. 323-346.	2013
4	4. Analysis of Nonlinearity and stability of a Hypersonic wind tunnel, European Journal of Scientific	2012

Papers published in National Conferences

SL No	Title	Year
1	17th Kerala Science Congress, 29 – 31 Jan. 2005, Trissur, Kerala Paper Presented: Cardio-Vascular System Diagnosis using Blood Flow Profile.	2005
2	National Conference on Bioinformatics Computing, Patiala, Panjab, 18 -19 March 2005. Paper Presented: Neural Controller for an implantable Insulin Compensator.	2005
3	National Conference on Bioinformatics Computing, Patiala, Panjab, 18 -19 March 2005. Paper Presented: Modeling of Cardio Vascular System and CVS Diagnosis	2005
4	18th Kerala Science Congress, 29 – 31 March 2006 Trivandrum, Kerala Paper : A new test data compression scheme for SOC	2006
5	7th National conference on Technological Trends (NCTT-06) Trivandrum, Kerala Paper: Channel coding for Digital Mobile Communication.	2006
6	8th National conference on Technological Trends (NCTT-07) Trivandrum, Kerala Paper: Design for Image compression using codebook with Besov Ball Projection.	2007
7	8th National conference on Technological Trends (NCTT-07) Trivandrum, Kerala Paper: Mathematical Modelling of Cardio Vascular System.	2007
8	9th National conference on Technological Trends (NCTT-08) Trivandrum, Kerala, 21 – 22 Nov. 2008 Paper: Modeling and computation of Bloodflow of a Stented Artery	2008
9	9th National conference on Technological Trends (NCTT-08) Trivandrum, Kerala, 21 – 22 Nov. 2008 Paper: Pulsatile flow of Blood under g-force - Modeling Bloodflow and Analysis of Atherosclerotic Plaque rupture	2008
10	10th National conference on Technological Trends (NCTT-08) Trivandrum, Kerala, 6 – 7 Nov. 2008 Paper: Adaptive Fuzzy PID Controller for Hypersonic Wind Tunnel Pressue Regulation.	2008
11	10th National conference on Technological Trends (NCTT-08) Trivandrum, Kerala, 6 – 7 Nov. 2008 Paper: Modeling & Simulation of Pulmonary Trunk wall Deformations using 2D Finite Element Method.	2008
12	Aparna P., Binu L.S, RajKumar M.R., 2011. Simulation of Pulsatile blood fow through coronary artery with different type of Stenosis. Paper presented at: 12th National conference on Technological Trends (NCTT -2011). Proceedings of the 12th National conference on Technological Trends (NCTT -2011); 19-20 Aug. 2011, College of Engineering Trivandrum, India.	2011
13	Priyaraj P.R., Binu L.S, RajKumar M.R., 2011. CFD Simulation and analysis of Stress distribution in stenosed left coronary artery before and after stenting. Paper presented at: 12th National conference on Technological Trends (NCTT -2011). Proceedings of the 12th National conference on Technological Trends (NCTT -2011); 19-20 Aug. 2011, College of Engineering Trivandrum, India.	2011
14	Safia Salim, Binu L.S., 2012. Extraction and FSI modeling of Left coronary artery structure from patient's CTA images. Paper presented at: 13th National conference on Technological Trends (NCTT -2012). Proceedings of the 13th National conference on Technological Trends (NCTT -2012); 10-11 Aug. 2012, College of Engineering Trivandrum, India.	2012
15	Sujith S., Binu L.S., 2012. Computational Simulation of Intracoronary flow using real coronary geometry. Paper presented at: 13th National conference on Technological Trends (NCTT -2012). Proceedings of the 13th National conference on Technological Trends (NCTT -2012); 10-11 Aug. 2012, College of Engineering Trivandrum, India.	2012
16	Dayal N. D., Binu L. S., Sliding Mode Control of a Satellite System, Paper presented at: 13th	2012

Faculty Profile	National conference on Technological Trends (NCTT -2012). Proceedings of the 13th National conference on Technological Trends (NCTT -2012); 10-11 Aug. 2012, College of Engineering Trivandrum, India.	
17	Sanchu Andrews Jacob, Binu L.S., SHRINK and SWELL effect remission in Drum Boiler Control System using Modified Genetic Algorithm, 14th National Conference on Technological Trends(NCTT -2013), 30 - 31, August 2013, College of Engineering Trivandrum, Kerala, India	2013
18	Aswathy S., Binu L.S., Modelling and Characterisation of Left Coronary Artery Bifurcation Lesions, 14th National Conference on Technological Trends(NCTT -2013), 30 - 31, August 2013, College of Engineering Trivandrum, Kerala, India	2013
19	Sreelakshmi K.G., Binu L. S., Acceleration-based Leak Monitoring in Pipes using Artificial Neural Network : An Experimental Study. 15th National Conference on Technological Trends(NCTT -2014), 22 - 23, August 2014, College of Engineering Trivandrum, Kerala, India	2014
20	Sreejith K. P., Binu L. S., Expert System for the Diagnosis of Myocardial Infarction based on ECG analysis, 15th National Conference on Technological Trends(NCTT -2014), 22 - 23, August 2014, College of Engineering Trivandrum, Kerala, India	2014
21	Asha B Krishnan, Binu L.S., Classification of ECG Signals Using PCA and SVM for Prediction of Life-Threatening Arrhythmia, 16th National Conference on Technological Trends(NCTT -2015), 11 - 12, September 2015, College of Engineering Trivandrum, Kerala, India	2015
22	Brijesh Varghese, Binu L.S., Remote Laboratory using Real -Time Instrument Control and Measurement via Internet for process control Experiments, 16th National Conference on Technological Trends(NCTT -2015), 11 - 12, September 2015, College of Engineering Trivandrum, Kerala, India	2015
23	17th National Conference on Technological Trends (NCTT – 2016), Data Rate Tuning for Wireless Body Area Networks,19th -20th August 2016, pp 1453-55	2016
24	17th National Conference on Technological Trends (NCTT – 2016), Design of Optimised Fractional Order PID controller for Level Control in a Spherical Tank,19th -20th August 2016, pp 1436-39	2016
25	18th National Conference on Technological Trends (NCTT – 2017), Leak Detection in Water Distribution Pipelines,21st- 22nd July 2017, pp 299-305	2017
26	18th National Conference on Technological Trends (NCTT – 2017), Retrofitting of a conventional turning setup to a multitasking setup for precision machining application,21st- 22nd July 2017	2017
27	18th National Conference on Technological Trends (NCTT – 2017), Cascade control for level control in a conical tank, 21st- 22nd July 2017, pp 355-59	2017

Papers published in International Conferences

SL No	Title	Year
1	International conference on Advances in Optoelectronics, Information and Communication Technologies, 26 – 27 Feb. 2009,Trivandrum, India Paper Presented : Effect of Acceleration on Blood flow and Atherosclerotic Plaque rupture – Modelling and Analysis.	2009
2	International Conference on Bioinformatics & Biomedical Engineering (ICBBE-2009) 11 – 13 June 2009, Beijing, China Paper Presented : One Dimensional; Modelling and computation of Blood flow and pressure of a Stented Artery.	2009
3	International Conference on Bioinformatics & Biomedical Engineering (ICBBE-2009) 11 – 13 June 2009, Beijing, China Paper : Modeling Blood flow and analysis of Atherosclerotic Plaque rupture under g-force.	2009
4	AMSE International Conference on Modeling and Simulation, 1- 3 Dec. 2009, Trivandrum, INDIA Paper : High Pressure System Modeling of Hypersonic Wind tunnel	2009
5	II nd International Conference on Biomedical Engineering and Informatics (BMEI – 09) 17 – 19 Oct.	2009

Faculty Profile	2009, Tianjin, China Paper : A Study of Effect of Music Pitch variation in EEG using Factor Analysis and Neural Networks.	
6	World Congress on Nature and Biologically Inspired Computing (NaBIC – 2009) 9 – 11 Dec. 2009, Coimbatore, INDIA Paper : A simplified Genetic Algorithm for online tuning of PID controller in LabVIEW.	2009
7	International conference on technological trends, (ICTT -2010) 25-27 Nov. 2010, College of Engineering Trivandrum, Kerala, INDIA Paper: Sliding mode control of a Binary Distillation Column	2010
8	International conference on technological trends, (ICTT -2010) 25-27 Nov. 2010, College of Engineering Trivandrum, Kerala, INDIA Paper: Backstepping control for regulating pressure inside a Hypersonic wind tunnel.	2010
9	Design of PI Controller with Anti-reset windup for a wind tunnel, International Conference on VLSI, Communication and Instrumentation , Saintgits College of Engineering, Kerala, April 2011	2011
10	IEEE International Conference on Recent Advances in Computational Systems (RAICS), Sept. 22-24, 2011, Trivandrum, India Paper: Stabilizing Controller using Back Stepping for Steady mass flow in a wind tunnel.	2011
11	International conference on Advances in Modeling, Optimization and Computing (AMOC- 2011) Dec. 5-7, 2011, Indian Institute of Technology, Roorkee. Paper: Predication of the Impact of inlet velocity on lesions in the left main bifurcation using 2D computational fluid dynamics.	2011
12	International conference on Advances in Modeling, Optimization and Computing (AMOC- 2011) Dec. 5-7, 2011, Indian Institute of Technology, Roorkee. Paper: Cascade Controller for regulating mass flow in a hypersonic wind tunnel.	2011
13	International Simulation Conference of India (ISCI – 2012), 2-4 Feb. 2012, Indian Institute of Technology, Bombay. Paper: Simulation of Left Main Coronary Bifurcation under different cases of stenosis and assessing the possibility of plaque proliferation using Computational Fluid Dynamics.	2012
14	International Simulation Conference of India (ISCI – 2012), 2-4 Feb. 2012, Indian Institute of Technology, Bombay. Paper: Tracking Controller using Backstepping combined with fuzzy for steady mass flow in a wind tunnel.	2012
15	World Congress on Engineering (WCE-2012) -The 2012 International Conference of Systems Biology and Bioengineering, 4-6 July 2012, Imperial College, London Paper: “Simulation of Left Main Coronary Bifurcation Lesions using 3D Computational Fluid Dynamics Model and its comparison with 2D” Authors: Binu L.S, Sukesh Kumar A	2012
16	World Congress on Engineering (WCE-2012) -The 2012 International Conference of Systems Biology and Bioengineering, 4-6 July 2012, Imperial College, London Paper: Comparison of stabilizing and tracking designs of Backstepping controller for wind tunnel application. Authors : Rini Jones S.B, Poongodi, Binu L.S.	2012

Books Published

SL No	Title	Coauthors
1	File Transfer between two PCs through a 3-wire link	-

Awards Received

SL No	Title	Organisation
1	Certificate of Merit (Best Paper Award) for the paper presented at the World Congress on Engineering 2012	Imperial College, I

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
College of Engineering Trivandrum		

Faculty Profile		
1	Course on Maintenance and repair of Lab equipments	2004,NETWORK
2	Workshop on VLSI-Technology- Design-Architecture.	2005,TEQIP
3	Workshop on Intellectual Property Rights.	2006,TEQIP
4	Electronics for Higher Secondary Teachers	2006,DTE
5	Mechatronics & Industrial Automation	2020,DTE

Positions Held

SL No	Details	Period
1	Coordinator – BOSCH Rexroth-CET Centre of Excellence in Automation Technologies	2021-22
2	Campus Ambassador – BOSCH	2021-22
3	Principal Investigator of two funded projects : Intelligent Wheel Chair and Automated PCB Drilling Machine, from Centre for Engineering Research and Development - CERD (Rs.100000)	2013-14
4	Principal investigator for the CERD project 'Automatic Milk Tester'	2014-15
5	College of Engineering Trivandrum Alumni Association (CETAA) executive committee member	2011-12
6	CETAA News letter Editor	2013-14
7	CETAA Joint Secretary	2014-15
8	Administrative assistant in the University Examination wing	2003-2008
9	Management representative of ISO activities in the Department of Electronics & Communication Engineering.	2003-2005
10	Member of the Expert committee constituted by the University of Kerala for assessing the facilities of Engineering Colleges for M.Tech Courses.	2015-16
11	Worked as Resource person, Technical Committee member and Purchase Committee member in the 'BOSCH Center of Excellence in Automation Technologies', for training in interdisciplinary area.	2015-17
12	Member of Question Paper Setting and Scrutiny committee of B.Tech and M.Tech courses of the University of Kerala.	2014-2017
13	Reviewer of International Conference on Control and Computing ICC-13, organized by College of Engineering, Trivandrum	2013
14	Convocation committee member	2015
15	Member of Technical expert committee in Printing Dept. Kerala State and Excise Dept. for purchase of machinery.	2016
16	Member of Condemnation Committee, Govt. Medical College, Nursing College and SAT, Trivandrum	2016
17	Technical Expert Committee member, State Crime Records Bureau, Thiruvananthapuram for purchase of UHF Hand Held Set	2015
18	Anti-ragging squad member of men's hostel	2016
19	Principal Investigator of the CERD project 'Multi- Terrain Surveillance Robot'	2016-17
20	Coordinator of FABLAB of CET	2017
21	KTU coordinator of GEC Wayanad	2018-19
22	IPR Cell coordinator of GEC Wayanad	2018

Faculty Profile 23	Student Union Advisor of GEC Wayanad	2018-19
------------------------------	--------------------------------------	---------

Expert Talks Delivered

SL No	Title	Year
1	Programmable Logic Controllers	June 2014 and 20
2	Application of CFD for Coronary Block Detection	20 – 30th April 20
3	Sensors in Automation	1 – 6th Dec. 2014
4	Modelling & Simulation of Human Left Main Coronary Bifurcation & Characterization	4-12-2014
5	Cotinuuous Process Control	2016

195.Name **Dr. Shajahan E S**



Date of Birth	03/05/1971
Gender	Male
Mobile No	9447594170
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	15/06/2015
Qualification(UG)	B.TECH. ELECTRONICS AND COMMUNICATION
Qualification(PG)	M.TECH DIGITAL SYSTEMS AND COMMUNICATION
Qualification(Ph. D)	RF MEMS
Total Experience in years(Teaching)	24
Total Experience in years(Industry)	Nil

Total Experience in 5 years -PhD period

Area of Specialisation	RF MEMS, ANALOG IC DESIGN
No.of Papers Published(National)	NIL
No.of Papers Published(International)	2
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	14
Professional Memberships	IEEE

Projects Guided in Master's Level

Area of Specialisation	VLSI	
University	Kerala Technological University	
Student Name	Project Title	Year
LAKSHMY V - TVE18ECMN11	Low Power Low Voltage Amplifier Designs in 45nm CMOS Technology for ADC Applications	2020
ARUNIMA RAJ E K - TVE18ECMN04	Design of MEMS Phase shifter for Phased Array Applications	2020
Aleena Chandni - TVE18ECMN02	Design and Performance Analysis of MEMS based Piezoelectric Energy Harvester for Pacemaker	2020
AKSHATHA U S - TVE19ECMN03	Design and Analysis of PIN Diode Based Frequency Reconfigurable Antenna for Multiband Applications	2021
SURABHI S - TVE19ECMN17	ANALYSIS AND DESIGN OF SUBSTRATE INTEGRATED WAVEGUIDE BANDPASS FILTER BASED ON CSRRs	2021
RIYA KURIAKOSE - TVE18ECMN16	Tunable Bandstop Filter Based on Cascaded Spiral Shaped Defected Ground Plane CPW	2020
Dileep Chandrasekharan -TVE19ECMN09	Clock Tree Pruning and Analysis in ARIANE Core for Power Management	2021
Divya Sebastian A - TVE17ECMN11	Low Voltage Dual Beam Capacitive Switches for Reconfigurable Microsystems	2019
Amrita Mary John - TVE17ECMN03	Beam Steerable Multiband Antenna using RF MEMS Varicaps	2019
Keerthy R - TVE17ECMN12	Design and Modeling of DMTL Phase Shifters Reconfigured for S Band using MEMS Varicaps	2019
Shyam Mangalassery - TVE17ECMN17	An Integrated Optimization of Piezoelectric MEMS Energy Harvester for Ambient Vibrations	2019

Papers published in International Journals

SL No	Title	Year
1	Fabrication and Characterization of RF MEMS Capacitive Switches tuned for X and Ku bands, Int. J.	2018

Faculty Profile	Mechatronics and Automation (Inderscience), 2018	
2	Design and Fabrication of Low Voltage Inductive RF MEMS Capacitive Switches , Journal of Applied Engineering Research	2018

Papers published in International Conferences

SL No	Title	Year
1	Tunable Bandstop Filter based on Cascaded Spiral Shaped Defected Ground Plane CPW, 2020 IEEE International Conference on Smart Electronics and Communication (ICOSEC)	2020
2	Performance Analysis of Low Power Low Voltage Amplifier Designs in 45nm CMOS Technology by Incorporating Miller Compensation , 2020 IEEE Recent Advances in Intelligent Computational Systems (RAICS)	2020
3	Low Voltage Dual Beam Capacitive Switches For Reconfigurable Microsystems" , 2019 9th International Conference on Advances in Computing and Communication (ICACC), 2019	2019
4	Design of MEMS Phase Shifters for Phased Array Antenna Applications, 3rd International Conference on VLSI Communication and Signal Processing (VCAS 2020)	2020
5	Beam Steerable Multiband Antenna Using RF Micro-Electro-Mechanical(MEM) Switches	2019
6	Compressive Sampling and Reconstruction of ECG Signal for Manned Spaceflight Applications, 2019 4th International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT)	2019
7	Tuned dual beam low voltage RF MEMS capacitive switches for X-band applications 2012 10th IEEE International Conference on Semiconductor Electronics (ICSE)	2012
8	Inductive Tuned High Isolation RF MEMS Capacitive Shunt Switches 2014 Fifth International Symposium on Electronic System Design	2014
9	High Isolation Single Pole Four Throw RF MEMS Switches for X band 2018 8th International Symposium on Embedded Computing and System Design (ISED)	2018
10	Stub mounted loaded line phase shifter using novel RF MEMS switch 2012 IEEE International Conference on Electron Devices and Solid State Circuit (EDSSC)	2012
11	Design of a triple band-notched circular monopole antenna for UWB applications 2014 Eleventh International Conference on Wireless and Optical Communications Networks	2014
12	Fabrication and Characterization of RF MEMS Capacitive Switches, Int. Conference on MEMS and Sensors (ICMEMSS), IITM	2014
13	RF MEMS based Loaded Line Phase Shifter for X band Applications, 6th ISSS Conference on MEMS ,Smart materials, Structures and Systems, 2013	2013
14	A 180- bit C- band Phase Shifter using Interdigital Low pass/ High pass Filter, 6th ISSS Conference on MEMS ,Smart materials, Structures and Systems, 2013	2013

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Modeling, Simulation and Fabrication of Future Nano-electronic Devices and Sensors (MSFNS'20)	24 -28 August 2020
2	Advanced Nanomaterials, Nanotechnology & Applications	24-26 February 2021

Faculty Profile

3	Fundamentals of Quantum Computing and Applications	1-5 March 2021
4	FDP on Design Thinking	22-27 March 2021
5	Advanced Micro/Nano Sensor Technologies: Modeling, Simulation and Fabrication (AMNST 2021)	5-9 July 2021
6	Recent Advances In Nanoscience And Nanotechnology	17-21 January 2022
7	Nanostructured Materials and Their Applications	7-11 February 2022
8	Fundamentals of Photovoltaics	14-19 February 2022
9	Electric Charging Station for Vehicles	21-25 February 2022

Positions Held

SL No	Details	Period
1	Lecturer in Electronics and Communication Engineering	15-12-1999 to 08/
2	Assistant Professor	09/08/2005 to 31/
3	Associate Professor (re-designated)	01/01/2006 to till c
4	IEEE student branch counselor	August 2016 to At
5	Board of studies Convener	November 2020- 1
6	Co-Ordinator, DQAC	December 2019 -
7	Project Head (ERC) TrEST Research Park	01/06/2021-till dat
8	Expert Committee Member - Scheme for Promoting Seminar/ Workshop - KSCSTE	July 2018- July 20
9	Technical Committee Member - TrEST Research Park	November 2019 -

Faculty Profile



Date of Birth	31-05-1979
Gender	Male
Mobile No	9497768343
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	23-11-2009
Qualification(UG)	B.Tech (Electronics Engg.)
Qualification(PG)	M. Tech (Power Electronics)
Qualification(Ph. D)	Signal Processing
Total Experience in years(Teaching)	18 years
Total Experience in years(Industry)	0
Total Experience in years(Research)	
Area of Specialisation	signal processing
No.of Papers Published(National)	0
No.of Papers Published(International)	6
No.of Papers in conferences(National)	12
No.of Papers in conferences(International)	16
Professional Memberships	

Ph.D's Guided

Area of Specialisation	Communication	
University	Kerala University	
Student Name	Thesis Title	Year
Swapna P S	Resource Allocation In OFDMA Systems for Joint Uplink/Downlink Directions	2021

Projects Guided in Master's Level

PROJECTS GUIDED IN MASTER'S LEVEL

Faculty Profile

Area of Specialisation	Signal processing	
University	Kerala	
Student Name	Project Title	Year
Ajith C V	Content Based Image Retrieval System	2013
Kiran A R	SEGMENTATION OF RGB-D IMAGES	2013
Jerry Korulla George	Image De-fencing	2014
Jyothis R	Stereoscopic image processing	2014
Smrithi K	Depth base image registration	2014
Anupama Krishnan	Recognition of Surgically Altered Face Images	2015
Divya Iatha N shenoy	Hand gesture classification using hybrid classifier	2015
ANJALI RANJAN	Visibility Enhancement of Images in Hazy Underwater Environment Using a Combination of UDCP and Mix-CLAHE Techniques	2016
NEENU PRAKASH K. V.	Tumor Detection and 3D Reconstruction from Brain MR Images	2016
NIKITA K. MURALI	Region-Filling and Object Removal Using a Combination of Exemplar-Based and Diffusion-Based Image Inpainting Techniques	2016
Athira S	Human Activity Recognition in VideoSurveillance for Elderly Care	2017
Devika Anil	Ground Based Power Line Detection and Sag Monitoring Using Curve Fitting Method and Circle Approach	2017
MOHAMMED RAHEEM P	A Comparison of Deep Learning methods for Object Identification in Autonomous Outdoor Cleaning Robot	2017
Lekshmidhevi M	Reconstruction of Single Image From Multiple Low Resolution Images	2018
Visakh ram KU	Dehazing Technique to Enhance an Underwater Image using Minimum Information Loss, Multiscale Fusion and CLAHE	2018
Rajesh George P (PTDC)	Vision based Navigation for Landing Phase of UAV	2018
Divya Dileep	Anomalous Event Detection in Crowd Scenes using Histogram of Optical Flow and Entropy	2019
Gouri V	Datarate Enhancement In Optical Communication Systems	2019
HANNAH SHERLY JAMES	Comparative Analysis of Semantic Segmentation using K-means Clustering and CNN	2019
MEGHA P R	Efficient and Contrast Enhanced Haze Removal Method for Images and Videos	2019
Archana A	Retinal Optical Coherence Tomography Image Classification	2020
Geethu M M	Image Dehazing Using Four-level MultiPatch Neural Network	2020
Karthika J	Object Classification with Multimodal Data	2020
Ashok L R (PTDC)	IDENTIFICATION OF MACULAR DISEASES FROM OCT IMAGES USING DEEP LEARNING TECHNIQUES	2020
Manu Subramoniam (PTDC)	Deep learning based prediction of Alzheimer's disease from magnetic resonance images	2020
Rajesh Singh Rajput	Sign Language Gesture Recognition with Deep learning	2020

Papers published in International Conferences

SL No	Title	Year
1	Sreeni K. G. and Subhasis Chaudhuri, Haptic Rendering of Dense 3D Point Cloud Data, In IEEE Haptic Symposium, Vancouver, BC, Canada, March 4-7, 2012 pp. 333-339	2012
2	Sreeni K. G., Priyadarshini K., Praseedha A. K., and Subhasis Chaudhuri, Haptic Rendering of Cultural Heritage Objects at Different Scales, In proceedings EuroHaptics 2012 June 12- 15, ampere, Finland, Part I, LNCS 7282, pp. 505-516	2012
3	Sreeni K. G., Subhasis Chaudhuri, Haptic Rendering of Variable Density Point Cloud Through Local Kernel Bandwidth Estimation, In Proc. Indian Conf. Vision, Graphics and Image Processing (ICVGIP), Mumbai, Dec 2012.	2012
4	Priyadarshini Kumari, Sreeni K. G., Subhasis Chaudhuri. Scalable Rendering of Variable Density Point Cloud Data, IEEE World Haptics Conference 2013, Daejeon, Korea 14-18 April 2013 pp. 91-96	2013
5	Manu Francis, Sanil K Daniel, Dr. Sreeni K. G. An Efficient Algorithm to Enhance Near Infrared Images of Blood Vein in Antecubital Fossa Based on Adaptive Histogram Equalization Int. Conf. on Emerging Trends in Electrical Engineering (ICETREE-14) (1-4)	2014
6	Kiran A.R. and Dr. Sreeni K. G. A Robust Oversegmentation Algorithm using Colour and Geometric Cues ICVGIP'14, December 14-18, 2014, Bangalore, India	2014
7	Praseedha K A, Sreeni K G, Priyadarshini Kumari, Subhasis Chaudhuri Combined haptic-visual and auditory rendering of cultural heritage objects Computer Vision-ACCV 2014 Workshops, 491-506	2014
8	Sreeni K. G., Subhasis Chaudhuri, Haptic Rendering of Oriented Point Cloud of Heritage Objects Using Proxy Projection, In Proc. Indian Conf. Vision, Graphics and Image Processing (ICVGIP), Guwahati, Dec 2016.	2016
9	Quality Enhancement of Low Bit Rate Speech Coder with Nonlinear Prediction AS Anselam, SS Pillai, KG Sreeni Advances in Communication Systems and Networks, 2020 pp 625-638	2020
10	Surface Material Classification Using Acceleration Signal N Sajeevan, M Arathi Nair, R Aravind Sekhar, KG Sreeni Proceedings of International Conference on Communication and Computational Technologies 2021 pp:49-58	2021
11	Detection of Macular Diseases from Optical Coherence Tomography Images: Ensemble Learning Approach Using VGG-16 and Inception-V3 LR Ashok, V Latha, KG Sreeni PProceedings of International Conference on Communication and Computational Technologies 2021 pp:101-116	2021
12	A 16 QAM RoF System based on Polarization Modulator JM Sruthi, A Chandrasenan, KG Sreeni, RS Jeena, J Zacharias 2021 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT), 2021 pp:01-05	2021
13	Anomalous Event Detection in Crowd Scenes using Histogram of Optical Flow and Entropy D Dileep, KG Sreeni 2021 Fourth International Conference on Microelectronics, Signals & Systems	2021
14	Dark Channel Prior based Image Dehazing with Contrast Enhancement PR Megha, KG Sreeni 2021 Fourth International Conference on Microelectronics, Signals & Systems	2021

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Visualization and Modelling using OpenGL	2017,DTE, Kerala
2	Linear Algebra and its Applications	2018,DTE, Kerala
3	Image Processing with Python	2020,DTE, Kerala

Faculty Profile		
4	Machine Learning	2021,DTE, Kerala
5	Signal Processing with python	2021,DTE, Kerala

Expert Talks Delivered

SL No	Title	Year
1	Haptics	2013
2	Haptics Technology	2013
3	Engineering Applications of Matlab	2014
4	Haptic Rendering	2014
5	Advanced Computer Graphics using OpenGL	2015
6	Linear Algebra for Engineers	2015
7	Network Theory	2016
8	Hands on Session using OpenGL	2016
9	A simple Guide to latex	2017
10	Haptic rendering	2017
11	Computer Graphics using OpenGL	2017
12	Mathematical foundations for Communication Engineering	2019
13	Computer Vision	2019
14	Python programming	2020
15	Recent Trends in Communication & Signal Processing	2020
16	Machine learning with mathematical foundations	2021
17	Machine learning with python	2021
18	Signal processing with python	2021
19	Digital signal processing with python	2021
20	Linear Algebra for ML and AI	2021
21	Mathematics for Machine Learning-Linear Algebra	2021

Faculty Profile

Date of Birth	14/10/1973
Gender	Male
Mobile No	9447031311
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	11/03/2019
Qualification(UG)	B-TECH
Qualification(PG)	M-TECH
Qualification(Ph. D)	
Total Experience in years(Teaching)	21.5 YEARS
Total Experience in years(Industry)	NIL
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	5
Professional Memberships	



Faculty Profile

Date of Birth	12/03/1979
Gender	Male
Mobile No	09495816851
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	18/5/2021
Qualification(UG)	B.Tech
Qualification(PG)	M.Tech
Qualification(Ph. D)	Ph.D
Total Experience in years(Teaching)	16
Total Experience in years(Industry)	2
Total Experience in years(Research)	3
Area of Specialisation	Signal Processing
No.of Papers Published(National)	0
No.of Papers Published(International)	4
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	30
Professional Memberships	IEEE

Faculty Profile



Date of Birth	16/06/1979
Gender	Male
Mobile No	7907996062
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	12/05/2019
Qualification(UG)	Btech in ECE
Qualification(PG)	Mtech in Electronic design
Qualification(Ph. D)	Ph.D
Total Experience in years(Teaching)	19
Total Experience in years(Industry)	0
Total Experience in years(Research)	2
Area of Specialisation	large area electronics and system design
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	ISTE

Projects Guided in Master's Level

Area of Specialisation	VLSI	
University	KTU	
Student Name	Project Title	Year
Krishnadas	Design and Implementation of SIMD(P) extension for Ariane	2021
NEETU	Design of Hardware Accelerator for Ariane Core	2021

Faculty Profile Jincy	velopment of a UVM model for ETHERNET verification	2021
ASHIDA	Power Gating in Ariane for Leakage Power Reduction	2021

Papers published in International Journals

SL No	Title	Year
1	Daniel, Sanil, Aswathi Nair, and Sanjiv Sambandan. "Test system for thin film transistor parameter extraction in active matrix backplanes." IEEE Journal of the Electron Devices Society 7 (2019): 638-644.	2019

Papers published in International Conferences

SL No	Title	Year
1	Daniel, Sanil K., Aswathi Nair, and Sanjiv Sambandan. "Characterization system for large area electronic systems." 2018 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT). IEEE, 2018.	2018
2	Muraleedharan, Deepa, and Sanil K. Daniel. "An efficient IP core of consultative committee for space data systems (CCSDS) recommended authenticated cryptographic algorithm." 2020 8th International Symposium on Digital Forensics and Security (ISDFS). IEEE, 2020.	2020
3	Aishwariya, K. K., Sanil K. Daniel, and K. V. Sujeesh. "Zone Safe Traffic Assist System and Automated Vehicle with Real-Time Tracking and Collision Notification." International Conference on Innovative Data Communication Technologies and Application. Springer, Cham, 2019.	2019
4	Thushara, K. C., and Sanil K. Daniel. "Design Of 5.9 ppm/° C Piecewise Curve Rectified Start-Up Free Bandgap Voltage Reference in 180nm CMOS Process." 2018 International Conference on Emerging Trends and Innovations In Engineering And Technological Research (ICETIETR). IEEE, 2018	2018

200.Name **SIVAKUMAR R**



Date of Birth	29/04/1977
Gender	Male
Mobile No	+919447454377
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Electronics and Communication Engineering
Date of Joining in the Institution	09/06/2014

Qualification(UG) Electronics and Communication

Faculty Profile Qualification(PG)	Mtech in Biomedical Engineering
Qualification(Ph. D)	Medical Image Processing
Total Experience in years(Teaching)	19
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	8
Area of Specialisation	Medical Image Processing
No.of Papers Published(National)	0
No.of Papers Published(International)	4
No.of Papers in conferences(National)	0
No.of Papers in conferences(International)	9
Professional Memberships	ISTE, IEEE

Papers published in International Journals

SL No	Title	Year
1	1. S Ramachandran, N Strisciuglio, A Vinekar, R John, G Azzopard U-COSFIRE filters for vessel tortuosity quantification with application to automated diagnosis of retinopathy of prematurity Neural Computing and Applications 32 (16), 12453-12468. Impact Factor 5.606	2020
2	S Ramachandran, P Niyas, A Vinekar, R John A deep learning framework for the detection of Plus disease in retinal fundus images of preterm infants, Biocybernetics and Biomedical Engineering 41 (2), 362-375. Impact Factor 4.314	2021
3	S Ramachandran, S Kochitty, A Vinekar, R John A fully convolutional neural network approach for the localization of optic disc in retinopathy of prematurity diagnosis, Journal of Intelligent & Fuzzy Systems 38 (5), 6269-6278. Impact Factor 1.85	2020
4	R Sivakumar, N Sujatha A Non Invasive Tomography System for Characterization and Visualization of Tissue Optical Phantoms, International journal of circuits, systems and signal processing, Vol.4, 2014	2014


Papers published in International Conferences

SL No	Title	Year
1	R Sivakumar, M Eldho, CV Jiji, A Vinekar, R John Computer aided screening of retinopathy of prematurity—A multiscale Gabor filter approach 2016 Sixth International Symposium on Embedded Computing and System Design at IIT Patna	2016
2	R Sivakumar, V Veena, R John A curvature based approach for the automated screening of retinopathy of prematurity in preterm infants 2017 13th International Conference on Signal-Image Technology & Internet at NIT Jaipur	2017
3	R Sivakumar, M Eldho, CV Jiji, A Vinekar, R John Diagnosis of plus diseases for the automated	2016

Faculty Profile	screening of retinopathy of prematurity in preterm infants, 2016 11th International Conference on Industrial and Information Systems, IIT Roorkee		
4	GG Kurup, JS Kavya, R Sivakumar Computer Aided Detection of Demarcation Line/Ridges in the Retinal Fundus Images of Preterm Infants 2018 International CET Conference on Control, Communication, and Computing, CET Trivandrum		2018
5	R Sivakumar, N Sujatha Laser Based Tomographic System for Visualization and Characterization of Tissue Optical Phantoms, Proceedings of the 2014 International Conference on Communications, Signal Processing and Computers, Interlaken, Switzerland		2014
6	MS Unnikrishnan, B Abraham, S Ramachandran, A Curvature Based Approach for the Identification of Tortuous Blood Vessels in Retinal images of Preterm Infants, 2021 12th International Conference on Computing Communication and Networking ...IIT Kharagpur		2021

Awards Received

SL No	Title	Organisation
1	Research Excellence	IIT Hyderabad

201.Name	Adersh V R	
Date of Birth	16/08/1987	
Gender	Male	
Mobile No	8281371503	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Electronics and Communication Engineering	
Date of Joining in the Institution	13/082021	
Qualification(UG)	BTech Electronics and Communication	
Qualification(PG)	MTech VLSI Design	
Qualification(Ph. D)		
Total Experience in years(Teaching)	2 years	
Total Experience in years(Industry)	4	
Total Experience in years(Research)	0	
Area of Specialisation	VLSI Design	

Faculty Profile

No.of Papers

Published(National)

No.of Papers

Published(International)

No.of Papers in

conferences(National)

No.of Papers in

1

conferences(International)

Professional

Memberships

Projects Guided in Master's Level

Area of Specialisation

VLSI

University

KTU

Student Name**Project Title****Year**

A Athira,

Efficient Radix-8 Booth multispeculative multiplier with Wallace tree compressor

2020

Reshma V P

Two speed modified radix-4 Booth multiplier with different adder configurations

2021

Papers published in International Conferences**SL No****Title****Year**

1

V P Reshma, V R Adersh, Two speed modified radix-4 Booth multiplier with different adder configurations. International Conference on Advances in Computing & Communications, ICACC-2021.

2021

Short Terms Courses/Workshops Attended**SL No****Title****Duration**

1

Introduction to ROS (Robotics Operating System)

14/09/2021 to 19/09/2021

2

Deep learning for computer vision

31/01/2022 - 05/02/2022

3

Embedded Systems Developmen

23/02/2022 to 25/02/2022

202.Name**Ameenudeen PE**

Date of Birth

15/05/1987

Gender

Male


Faculty Profile	
Mobile No	9447320562
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering
Date of Joining in the Institution	13/08/2022
Qualification(UG)	BTech
Qualification(PG)	
Qualification(Ph. D)	
Total Experience in years(Teaching)	8
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	ISTE

203.Name **Anitha Edison**



Date of Birth	01/11/1987
Gender	Female
Mobile No	9495539026
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular

Faculty Profile	
Department	Electronics and Communication Engineering
Date of Joining in the Institution	15/07/2019
Qualification(UG)	B. Tech in Electronics and Communication
Qualification(PG)	M. Tech in Electronics and Communication
Qualification(Ph. D)	PhD in Electronics and Communication
Total Experience in years(Teaching)	4
Total Experience in years(Industry)	0
Total Experience in years(Research)	5
Area of Specialisation	Signal Processing
No.of Papers Published(National)	0
No.of Papers Published(International)	1
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	3
Professional Memberships	NONE

204.Name	ANU GEORGE	
Date of Birth	09/12/1981	
Gender	Female	
Mobile No	9447266358	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Electronics and Communication Engineering	
Date of Joining in the Institution	18/10/2021	
Qualification(UG)	BTECH ECE	
Qualification(PG)	MTECH ECE	
Qualification(Ph. D)	DOING	
Total Experience in	17	

years(Teaching)

Faculty Profile

Total Experience in
years(Industry)

0

Total Experience in
years(Research)

0

Area of Specialisation

LANGUAGE IDENTIFICATION

No.of Papers
Published(National)

0

No.of Papers
Published(International)

1

No.of Papers in
conferences(National)

4

No.of Papers in
conferences(International)

7

Professional
Memberships

IEEE

Positions Held

SL No

Details

Period

1

STAFF ADVISOR

S8 AEI 2018-2022

205.Name

ANURENJAN P.R.



Date of Birth

20/05/1985

Gender

Male

Mobile No

9497265277

Faculty Type

PERMANENT

Designation

Assistant Professor_Regular

Department

Electronics and Communication Engineering

Date of Joining in the
Institution

31/03/2008

Qualification(UG)

B. Tech in ECE

Qualification(PG)

M. Tech in Signal Processing

Qualification(Ph. D)

Ongoing

Faculty Profile	
Total Experience in years(Teaching)	14
Total Experience in years(Industry)	NIL
Total Experience in years(Research)	14
Area of Specialisation	Signal Processing
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	15
Professional Memberships	IEEE

206.Name **ARUNIMA CV**



Date of Birth	13/03/1990
Gender	Female
Mobile No	8714242652
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering
Date of Joining in the Institution	17/02/2020
Qualification(UG)	ELECTRONICS AND COMMUNICATION
Qualification(PG)	SIGNAL PROCESSING
Qualification(Ph. D)	
Total Experience in years(Teaching)	2 YEARS

Total Experience in

Faculty ProfileTotal Experience in
years(Research)

Area of Specialisation

No.of Papers
Published(National)No.of Papers
Published(International)No.of Papers in
conferences(National)No.of Papers in
conferences(International)Professional
Memberships**207.Name** **Aswini S H**

Date of Birth 28/05/1991

Gender Female

Mobile No 9020089701

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electronics and Communication Engineering

Date of Joining in the
Institution 01/07/2020

Qualification(UG) B.TECH IN ELECTRONICS AND COMMUNICATION

Qualification(PG) M.TECH IN SIGNAL PROCESSING (ECE)

Qualification(Ph. D)

Total Experience in
years(Teaching) 1.67 YEARSTotal Experience in
years(Industry) 5.25 YEARSTotal Experience in
years(Research)

Area of Specialisation SIGNAL PROCESSING

Faculty Profile	
No.of Papers	
Published(National)	
No.of Papers	
Published(International)	
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	3
Professional Memberships	

Projects Guided in Master's Level

Area of Specialisation	Deep learning	
University	KTU	
Student Name	Project Title	Year
Haritha S Balan	DEFENCE AGAINST ADVERSARIAL ATTACK	2021

Papers published in National Conferences

SL No	Title	Year
1	Presented and published a paper entitled "Frequency offset estimation in MIMO-OFDM systems under flat fading & frequency selective Rayleigh fading", in the 3rd National Conference on Emerging Technologies 2014, during 1, 2 August 2014 conducted at Govt. Engineering College, Barton Hill.	2014
2	Published a paper entitled "Timing synchronization for MIMO-OFDM using CAZAC and Hadamard sequences", in the 3rd National Conference on Emerging Technologies 2014, during 1, 2 August 2014 conducted at Govt. Engineering College, Barton Hill.	2014
3	Published a paper entitled "Spectrum Sensing Techniques: A Comparison between Energy Detector and Cyclostationarity Detector" at the Second National Conference on Emerging Technologies – 2013, during 19 – 20 July 2013, by Government Engineering College, Barton Hill, Trivandrum.	2013

Papers published in International Conferences

SL No	Title	Year
1	Presented and published a paper entitled "MIMO-OFDM frequency offset estimation for Rayleigh fading channels", in the First International Conference on Computational Systems and Communications -2014 (ICCSC-2014) during 17-18 December 2014 by LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram.	2014
2	Published a paper entitled "Timing synchronization for MIMO-OFDM using orthogonal sequences in Rayleigh fading channel", in the First International Conference on Computational Systems and Communications-2014 (ICCSC-2014) during 17-18 December 2014 by LBS Institute of Technology for Women, Poojappura, Thiruvananthapuram.	2014
3	Presented and published a paper entitled "Spectrum Sensing Techniques: A Comparison between Energy Detector and Cyclostationarity Detector" in the 2013 International Conference on Control, Communication and Computing held at Thiruvananthapuram during 13 – 15 December 2013, by College of Engineering Trivandrum, technical co – sponsored by IEEE Kerala Section.	2013

Awards Received

Awards Received

Faculty Profile

SL No	Title	Organisation
1	Won the Gold Medal and Proficiency Awards for scoring highest marks in ECE for the year 2008 - 2014 in LBSITW and also for securing 4th and 6th position for B.Tech and M.Tech respectively at the University Level	LBSITW


Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Recent Advances in Communication and Networking,	28-09-2020 to 03-
2	Machine Learning with Python	15-03-2021 - 20-3
3	Indo-USA Online Short-term Course on "Signal Processing and Machine Learning Techniques for Data-Driven IoT and Smartphone Health Monitoring"	26-03-2021 to 30-
4	Moodle workshop	15-06-2021
5	Multidisciplinary Applications of MATLAB	22nd July 2021 to (MORNING)
6	Moodle workshop	22-07-2021 to 27-
7	Learning and Tracking for Autonomous Driving	24/09/2021 to 26/
8	Recent trends and challenges in antennas and RF devices	11/10/2021 to 13/
9	MOOC Course in Orientation towards Technical Education & Curriculum Aspects	8 weeks
10	MOOC Course in Professional Ethics & Sustainability	8 weeks
11	MOOC Course in Communication Skills, Modes and Knowledge Dissemination	8 weeks
12	MOOC Course in Instructional Planning and Delivery	8 weeks
13	MOOC Course in Technology Enabled Learning and Life-long Self-learning	8 weeks
14	MOOC Course in Student Assessment and Evaluation	8 weeks
15	MOOC Course in Creative Problem Solving, Innovation and Meaningful R&D	8 weeks
16	MOOC Course in Institutional Management & Administrative Procedures	8 weeks

Positions Held

SL No	Details	Period
1	Staff Advisor AEI (2020-24 BATCH), DEPT. OF ECE, CET	11-2020 TO TILL
2	IN CHARGE OF DEPT. WEBSITE	2020 TO TILL DA
3	MOODLE MASTER TRAINER, DEPT. OF ECE, CET	06-2020 TO TILL

Faculty Profile		
4	NIRF OVERALL COORDIANTOR - COLLEGE TEAM NIRF 2022	11-2021 TO TILL
5	S3 AEI COORDINATOR OF REMEDIAL CLASS FOR LET STUDENTS	12-2021 TO 01-2022

208.Name	Deepak S	
Date of Birth	30/03/1986	
Gender	Male	
Mobile No	8089278573	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Electronics and Communication Engineering	
Date of Joining in the Institution	17/08/2021	
Qualification(UG)	B.Tech	
Qualification(PG)	M.Tech	
Qualification(Ph. D)	PhD in ECE	
Total Experience in years(Teaching)	6	
Total Experience in years(Industry)		
Total Experience in years(Research)	2	
Area of Specialisation	signal processing	
No.of Papers Published(National)		
No.of Papers Published(International)	4	
No.of Papers in conferences(National)		
No.of Papers in conferences(International)	2	
Professional Memberships		

Faculty Profile

209.Name **Jerrin Thomas Panachakel**



Date of Birth 17/04/1990

Gender Male

Mobile No 9496366697

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Electronics and Communication Engineering

Date of Joining in the Institution 15/07/2019

Qualification(UG) B.Tech. in Electronics and Communication Engineering

Qualification(PG) M.Tech. in Electronics and Communication Engineering

Qualification(Ph. D)

Total Experience in years(Teaching)

Total Experience in years(Industry)

Total Experience in years(Research)

Area of Specialisation

No.of Papers Published(National)

No.of Papers Published(International)

No.of Papers in conferences(National)

No.of Papers in conferences(International)

Professional Memberships

210.Name **JIJINA N**

Faculty Profile



Date of Birth	13/04/1983
Gender	Female
Mobile No	9495186414
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering
Date of Joining in the Institution	01/08/2019
Qualification(UG)	B TECH ECE
Qualification(PG)	M TECH ECE
Qualification(Ph. D)	
Total Experience in years(Teaching)	2 years 6 months
Total Experience in years(Industry)	12 years
Total Experience in years(Research)	
Area of Specialisation	TELECOMMUNICATION ENGINEERING
No.of Papers Published(National)	
No.of Papers Published(International)	2
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	2
Professional Memberships	

Short Terms Courses/Workshops Attended


SL No	Title	Duration
1	Recent Trends and Challenges in Antennas and RF Devices	11/10/2021 - 13/11/2021
2	Development Wireless Communication Applications using MATLAB and Simulink	August 12 2021 - August 19 2021
3	Recent Advances in Communication and Networking	September 28 2021 - October 5 2021

Faculty Profile

4	5G and Beyond	June 28 2021 - Ju
5	Theory and Practice of Machine Learning	January 15 2020 -

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	FDP on Ethics,Moral Values,Behaviour Science and Attitude	2020,ATAL AICTE

211.Name	JITHINA TS	
Date of Birth	22/03/1990	
Gender	Female	
Mobile No	9745932861	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Electronics and Communication Engineering	
Date of Joining in the Institution	15/07/2019	
Qualification(UG)	B.Tech	
Qualification(PG)	M.Tech	
Qualification(Ph. D)		
Total Experience in years(Teaching)	7 Years	
Total Experience in years(Industry)	0	
Total Experience in years(Research)	0	
Area of Specialisation	SIGNAL PROCESSING	
No.of Papers Published(National)	0	
No.of Papers Published(International)	1	
No.of Papers in conferences(National)	0	

No.of Papers in	0
-----------------	---

ferences(International)

Faculty Profile

Professional
Memberships 0

Papers published in International Journals

SL No	Title	Year
1	Content Based Environmental and Natural Sounds Classification Using SVM	2019

212.Name Joaquim Ignatious Monteiro



Date of Birth	08/06/1979
Gender	Male
Mobile No	9447818985
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering
Date of Joining in the Institution	06/07/2010
Qualification(UG)	B,Tech. (Electronics & Communication Engineering)
Qualification(PG)	M.Tech. (Biomedical Engineering)
Qualification(Ph. D)	
Total Experience in years(Teaching)	16 Years
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	Nil
Area of Specialisation	Biomedical Engineering, Embedded Systems
No.of Papers Published(National)	
No.of Papers Published(International)	

No.of Papers in

conferences(National)

Faculty Profile

No.of Papers in
conferences(International)

5

Professional
Memberships

Papers published in International Conferences

SL No	Title	Year
1	WSN technologies for low data rate and power constrained applications, 2014 First International Conference on Computational Systems and Communications (ICCSC)	2014
2	Development of a low-cost portable Surface Plasmon Resonance Biosensor,2013 Annual International Conference on Emerging Research Areas and 2013 International Conference on Microelectronics, Communications and Renewable Energy	2013
3	A standalone open hardware system for ECG detection and classification,2018 9th International Conference on Computing, Communication and Networking Technologies (ICCCNT)	2018
4	Navigation of mobile robot in a warehouse environment, 2018 International Conference on Emerging Trends and Innovations In Engineering And Technological Research (ICETIETR)	2018
5	Design and Analysis of Piezoelectric Microcantilever Energy Harvesters,2019 9th International Conference on Advances in Computing and Communication (ICACC)	2019

Expert Talks Delivered

SL No	Title	Year
1	IoT Technologies	2021

213.Name Joshua Thomas



Date of Birth	14/06/1974
Gender	Male
Mobile No	9961330540
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering

Date of Joining in the 15/07/2019

Institution Faculty Profile

Qualification(UG)	BE ECE
Qualification(PG)	MTech Applied Electronics
Qualification(Ph. D)	PhD Image Processing
Total Experience in years(Teaching)	13
Total Experience in years(Industry)	2
Total Experience in years(Research)	0.5
Area of Specialisation	Image Processing
No.of Papers Published(National)	0
No.of Papers Published(International)	3
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	3
Professional Memberships	0

Papers published in International Journals

SL No	Title	Year
1	Joshua Thomas and K. S. Angel Viji, "Retinal Fundus Image Research for Diagnosis of Diabetic Maculopathy", International Journal of Recent Technology and Engineering, Volume 8, Issue 2S, No. 11, (2019), pp. 339-347. (SCOPUS)	2019
2	Joshua Thomas and K. S. Angel Viji, "Computational Analysis and Detection of Diabetic Maculopathy in Retinal Images", Journal of Advanced Research in Dynamical and Control Systems, Volume 11, No. 2, (2019), pp.88-98. (SCOPUS)	2019

Papers published in International Conferences

SL No	Title	Year
1	Joshua Thomas and K. S. Angel Viji, "Eco Friendly Internet of Things", National Conference on Novel and Challenging Issues and Recent innovations in Engineering and Information Sciences, Kottayam, India, (2016), October 19-20.	2016
2	Joshua Thomas and K. S. Angel Viji, "Severity Assessment of Diabetic Maculopathy using Support Vector Machine", International Conference on Innovations in Science and Technology for Sustainable Development, Kollam, India, (2020), October 24.	2020

Faculty Profile



Date of Birth	20/05/1971
Gender	Male
Mobile No	9446514990
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering
Date of Joining in the Institution	08/06/2012
Qualification(UG)	Electronics and Communication
Qualification(PG)	Embedded System Technologies
Qualification(Ph. D)	
Total Experience in years(Teaching)	15
Total Experience in years(Industry)	nil
Total Experience in years(Research)	nil
Area of Specialisation	VLSI, Embedded systems,Power Electronics
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Projects Guided in Master's Level

Area of Specialisation	VLSI	
University	KTU	
Student Name	Project Title	Year
A S KARTHIK DEV	UVM-based Verification of Mixed Signal Design using System Verilog	2020
ANIRUDH P S	Implementation of Reconfigurable Data Encryption with different AES versions in FPGA	2020

Faculty Profile RIYA S S	IMPLEMENTATION OF SRAM BASED PHYSICAL UNCLONABLE FUNCTION	2020
NEEMA ZACHARIAS	DESIGN OF APPROXIMATE MULTIPLIER USING APPROXIMATE COMPRESSORS AND STUDY OF MULTIPLIER WITH DIFFERENT ADDERS	2020
ANJANA TONY	DESIGN OF uDMA SUBSYSTEM FOR 64-BIT ARIANE SoC WITH LINUX BOOTING	2021
ARYA RAJ P	Assertion Based Verification of Dynamic Scheduling in CVA6	2021
RAIMA EDWIN	UVM VERIFICATION OF VIRTUAL MEMORY CLUSTER	2021
ARCHANA M MADHU	FPGA BASED DATA STORAGE SYSTEM USING FRAM IN RAID ARCHITECTURE	2019
ASWATHI GOVIND	AUTOMATED ABS/ESP BRAKING MANEUVERS VALIDATION BY LABCAR	2019
SHIBIN SIMON THOMAS	RECONFIGURABLE INDUSTRIAL AUTOMATION SYSTEM USING FPGA	2019
ASWATHY AMBASS	NODE PROCESSING UNIT FOR FLEXIBLE LDPC DECODER	2019
ALEN J AVARAN	Human Robot Interaction: Ensuring Safety Of Human Working With Robot	2020

Papers published in International Journals

SL No	Title	Year
1	https://doi.org/10.1109/ICOSEC49089.2020.9215446	2020
2	https://doi.org/10.1109/ICOSEC49089.2020.9215425	2020
3	https://doi.org/10.1109/PICC51425.2020.9362457	2020

Papers published in National Conferences

SL No	Title	Year
1	https://doi.org/10.1109/RAICS51191.2020.9332501	2020

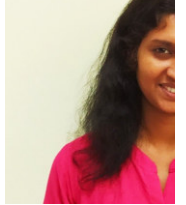
Papers published in International Conferences

SL No	Title	Year
1	https://doi.org/10.1109/ICACC48162.2019.8986156	2019
2	https://doi.org/10.1109/ICOSEC49089.2020.9215446	2020
3	https://doi.org/10.1109/ICOSEC49089.2020.9215425	2020
4	https://doi.org/10.1109/PICC51425.2020.9362457	2020

Expert Talks Delivered

SL No	Title	Year
1	Arduino Basics	2022

Faculty Profile



Date of Birth	09/04/1980
Gender	Female
Mobile No	8547805366
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering
Date of Joining in the Institution	23/06/2016
Qualification(UG)	B.Tech Electronics
Qualification(PG)	M.tech in Electronics design Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	16
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	
Area of Specialisation	Deep learning
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	4
No.of Papers in conferences(International)	10
Professional Memberships	CVF

Papers published in National Journals

SL No	Title	Year
1	ROLV Model based all terrain robot	2014
2	waterbody detections from satellite images,NCTT 2015	2015
3	Plantation monitoring and controlling system based on internet of things,NCTT2015	2015

Papers published in International Journals

Papers published in International Journals

Faculty Profile

SL No	Title	Year
1	Automated detection of helmet on motorcyclists from traffic surveillance videos: a comparative analysis using hand-crafted features and CNN, springer Multimedia tools and Applications	2020

Papers published in International Conferences

SL No	Title	Year
1	Comparison of Background Extraction Methods for Anomaly Detection,2021 International Conference on Communication, Control and Information Sciences (ICCISc)	2021
2	Comparative Analysis of Two Stage and Single Stage Detectors for Anomaly Detection,2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT)	2021
3	Fast and accurate traffic sign recognition for self driving cars using RetinaNet based detector ,2019 International Conference on Communication and Electronics Systems (ICES)	2019
4	Vision Based Advanced Driver Assistance System Using Deep Learning,2019 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT)	2019
5	Real-time Traffic Light Detection and Recognition based on Deep RetinaNet for Self Driving Cars,2019 2nd International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICT)	2019
6	2019 2nd International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICT),ECCV	2020
7	Fractional data distillation model for anomaly detection in traffic videos,CVPRW	2020
8	A comparative study of faster r-cnn models for anomaly detection in 2019 ai city challenge,CVPR	2019
9	Real-time traffic sign recognition using YOLOv3 based detector,2019 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT)	2019

Consultancy Details

SL No	Consultancy	Year
1	TRC	2016-19

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Technical writing for Academicians and Researchers	5 days
2	Deep Learning and Applications	6
3	Workshop on Artificial Intelligence and Deep Learning	3
4	Machine Learning-Training of Trainers	6


Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Deep Learning and Applications	2018,AICTE

Expert Talks Delivered

SL No	Title	Year
-------	-------	------

Faculty Profile	Deep learning for computer vision	2022
------------------------	-----------------------------------	------

216.Name	Resmi E	
Date of Birth	30/05/1979	
Gender	Male	
Mobile No	9249386379	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Electronics and Communication Engineering	
Date of Joining in the Institution	22/06/2016	
Qualification(UG)	B.Tech	
Qualification(PG)	M.E.	
Qualification(Ph. D)		
Total Experience in years(Teaching)	12	
Total Experience in years(Industry)	1.5	
Total Experience in years(Research)		
Area of Specialisation	Microelectronics	
No.of Papers Published(National)	1	
No.of Papers Published(International)		
No.of Papers in conferences(National)	4	
No.of Papers in conferences(International)	2	
Professional Memberships		

PROJECTS GUIDED IN MASTER'S LEVEL

Faculty Profile


Area of Specialisation	Microelectronics	
University	KTU	
Student Name	Project Title	Year
Anjitha R.G.	CAPACITANCE VOLTAGE CHARACTERISTICS OF DUAL METAL GATE JUNCTIONLESS TRANSISTOR WITH NEGATIVE CAPACITANCE	2015-2017
Vinaya Chandran	Iterative algorithm for image denoising based on tuning	2015-2016

Papers published in National Conferences

SL No	Title	Year
1	Title: CAPACITANCE VOLTAGE CHARACTERISTICS OF DUAL METAL GATE JUNCTIONLESS TRANSISTOR WITH NEGATIVE CAPACITANCE National Conference on Technological Trends (NCTT)-2017 College of Engineering Trivandrum	July 2017
2	VLSI ARCHITECTURE FOR PROGRESSIVE IMAGE ENCODER at national conference RETREW 08 at TKM Institute of Technology, Kollam	2008
3	Microstrip rectangular slot patch Antenna for 5G , National conference on Communication control and computing NCCCT 16	2016

Papers published in International Conferences

SL No	Title	Year
1	"2D distribution of Fe concentration in mc-Si wafers using opto-electrical characterization" at International Conference on Purification and Recycling of Electronic Materials (ICPREM - 2020)	2020
2	Characterization of Bulk Degradation due to Light and Elevated Temperature in Industrial Solar Cells at IWPSD 2021 XXI International Workshop on Physics of Semiconductor Devices 14 - 17 December, 2021	2021

217.Name	Resmi E	
Date of Birth	30/05/1979	
Gender	Female	
Mobile No	9249386379	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Electronics and Communication Engineering	
Date of Joining in the	22/06/2016	

**Institution
Faculty Profile**

Qualification(UG)	B.Tech
Qualification(PG)	M.E.
Qualification(Ph. D)	
Total Experience in years(Teaching)	12
Total Experience in years(Industry)	1.5
Total Experience in years(Research)	
Area of Specialisation	Microelectronics
No.of Papers Published(National)	1
No.of Papers Published(International)	
No.of Papers in conferences(National)	4
No.of Papers in conferences(International)	2
Professional Memberships	

218.Name **SANGEETHA GOPAN G S**

Date of Birth	19/07/1989
Gender	Female
Mobile No	8281788566
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering
Date of Joining in the Institution	15/07/1989
Qualification(UG)	B TECH

Qualification(PG) ME

Faculty Profile
Qualification(Ph. D)

Total Experience in
years(Teaching) 5

Total Experience in
years(Industry) 2

Total Experience in
years(Research)

Area of Specialisation VLSI DESIGN

No.of Papers
Published(National)

No.of Papers
Published(International) 1

No.of Papers in
conferences(National)

No.of Papers in
conferences(International) 1

Professional
Memberships

Papers published in International Journals

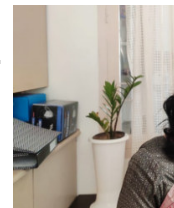
SL No	Title	Year
1	Reshma Kunjumon and Sangeetha Gopan, G. S. "Implementation of Vision and Lidar Sensor Fusion Using Kalman Filter Algorithm" International Journal of Sciences: Basic and Applied Research Vol 55 No 2 (2021): 183-198	2021

Papers published in International Conferences

SL No	Title	Year
1	Sensor Fusion: Camera and Lidar using Kalman Filter,Reshma Kunjumon, Sangeetha Gopan, G. S, Intelligent Systems: Proceedings of SCIS 2021 (Algorithms for Intelligent Systems),Springer,pp.327-344	2021

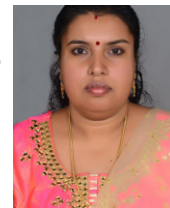
Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	AICTE SPONSORED ONE WEEK SHORT TERM TRAINING PROGRAMME ON EMERGING TRENDS IN VLSI TECHNOLOGY	6 DAYS
2	VLSI Chip Hands-on using open source EDA	5 days

Faculty Profile

Date of Birth	09/07/1973
Gender	Female
Mobile No	9020823223
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering
Date of Joining in the Institution	18/09/2020
Qualification(UG)	B.Tech
Qualification(PG)	M.Tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	17
Total Experience in years(Industry)	2
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	



Faculty Profile

Date of Birth	18/05/1981
Gender	Female
Mobile No	9446487484
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering
Date of Joining in the Institution	07/07/2005
Qualification(UG)	B.Tech
Qualification(PG)	M.Tech
Qualification(Ph. D)	
Total Experience in years(Teaching)	16
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	Nil
Area of Specialisation	Micro wave and radar engineering
No.of Papers Published(National)	Nil
No.of Papers Published(International)	Nil
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	3
Professional Memberships	Nil

Papers published in National Conferences

SL No	Title	Year
1	Multiple Turbo codes using joint permutor method-NCCT	2007
2	Modified Turbo decoder with Better error performance and convergence properties NCCT	2008
3	Performance Improvement of turbo codes in Rayleigh fading environment-NCCT	2009
4	Face recognition using modular kernel pca - NCCT	2011


Faculty Profile		
5	Multi modal biometric security with multi algorithm NCCT	2017

Papers published in International Conferences

SL No	Title	Year
1	Modular approach on kernel principal component analysis for enhanced recognition-IEEE	2012
2	Biometric fusion: Combining Multimodal and Multi algorithmic approach- IEEE	2016
3	Multi modal bio metric security with multi algorithm - IEEE	2017

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Effective Teaching of Computer Programming	12 days
2	Application of Neuro fuzzy and Genetic algorithm in power system optimisation and facts Technology	6 days
3	DSP Concepts and Applications	10 days
4	Image processing and applications	5 days
5	PAIDAGOGIA 09	5 days
6	Workshop on Advancements in Non linear control systems	3 days
7	Computational tools in ressearch	12 days
8	Advanced digital signal processing and architectures	6 days
9	Technical writing for Academicians and Resaerchers	5 days
10	Deep learning and applications	5 days
11	Capability enhancement programme for staff advisors	5 days

221.Name	SUDHI S	
Date of Birth	28/08/1990	
Gender	Male	
Mobile No	8891510439	
Faculty Type	PERMANENT	

Designation Assistant Professor_Regular

Faculty Profile	
Department	Electronics and Communication Engineering
Date of Joining in the Institution	13/08/2021
Qualification(UG)	B.Tech in Electronics and Communication Engineering
Qualification(PG)	M.Tech in Telecommunication
Qualification(Ph. D)	
Total Experience in years(Teaching)	4
Total Experience in years(Industry)	1.5
Total Experience in years(Research)	NIL
Area of Specialisation	Wireless Communication, Antenna Design
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

222.Name **SUMI GEORGE**



Date of Birth	13/10/1974
Gender	Female
Mobile No	9746477766
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Electronics and Communication Engineering

Date of Joining in the 12/10/2017

Institution Faculty Profile

Qualification(UG)	B. Tech (ECE)
Qualification(PG)	M. Tech (AEI)
Qualification(Ph. D)	Nil
Total Experience in years(Teaching)	10 years
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	Nil
Area of Specialisation	Applied Electronics & Instrumentation
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	
Professional Memberships	

Projects Guided in Master's Level

Area of Specialisation	Applied Electronics & Instrumentation	
University	KTU	
Student Name	Project Title	Year
Sooraj S	OPTIMISATION OF BLADE PITCH CONTROLLER IN WIND TURBINES	2018
BIBIN M VARGHESE	COMPARATIVE STUDY OF PID OPTIMISATION FOR HYBRID ENERGY SYSTEM USING FPA AND GA ALGORITHMS	2018
Amritha A Rajan	Real Time Stabilization of Cart Inverted Pendulum System using Fuzzy PID Controller	2019
AMAL K. P.	Design of Honey Dehydrator for Rural Beekeepers	2019
HARIKRISHNAN P R	IMPLEMENTATION & EVALUATION OF VARIOUS TYPES OF CONTROLLERS IN THREE TANK BLEND LEVEL CONTROL SYSTEM	2020
SONIYA CHANDRAN K V	DESIGN & IMPLEMENTATION OF A COLD ELECTRONICS BASED SIGNAL CONDITIONING UNIT FOR A CRYOGENIC PROXIMITY SENSOR	2020
ABHILASH S KUMAR	TEXT TO IMAGE CONVERSION	2021
Anisia A	Real-time Stabilization of Cart Inverted Pendulum System (CIPS) Using Sliding Mode Control	2019

Papers published in National Conferences

SL No	Title	Year
1	Digital Image Tampering Detection Based on Wavelet Transform- First National conference on	July 2012

Faculty Profile	Emerging Technologies-2012(NCET 2012) 20-21 July, 2012	
2	Data Rate Tuning for Wireless Body Area Networks- 17th National Conference on Technological Trends 2016 (NCTT 2016), CET	August 2016

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Sensor Technology- Domains & Opportunities	5 days
2	Machine Learning with Python	5 days
3	Ethics, Moral Values, Behavioral Science & Attitude	5 days
4	Recent Advances in Communication & Networking	5 days
5	Outcome Based Education	2 days

223.Name **GAYATHRI N**



Date of Birth	07/11/1990
Gender	Female
Mobile No	9496466791
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Electronics and Communication Engineering
Date of Joining in the Institution	19/03/2018
Qualification(UG)	BTECH IN ELECTRONICS AND COMMUNICATION
Qualification(PG)	MTECH IN VLSI AND EMBEDDED SYSTEMS
Qualification(Ph. D)	
Total Experience in years(Teaching)	4 YEARS
Total Experience in years(Industry)	2 YEARS
Total Experience in years(Research)	6 MONTHS

Area of Specialisation VLSI

Faculty Profile

No.of Papers

Published(National)

No.of Papers

Published(International)

No.of Papers in

conferences(National)

No.of Papers in

conferences(International)

Professional

Memberships

224.Name**Narendramudra N G**

Date of Birth

25/071992

Gender

Female

Mobile No

9496366201

Faculty Type

Adhoc

Designation

Assistant Professor_Adhoc

Department

Electronics and Communication Engineering

Date of Joining in the
Institution

01/08/2018

Qualification(UG)

Btech ECE

Qualification(PG)

Mtech SIGNAL PROCESSING

Qualification(Ph. D)

Total Experience in
years(Teaching)

3

Total Experience in
years(Industry)Total Experience in
years(Research)

Area of Specialisation

Signal processing

No.of Papers

Published(National)

No.of Papers

Published(International)

Faculty Profile

No.of Papers in
conferences(National) 1

No.of Papers in
conferences(International) 1

Professional
Memberships

225.Name **SALIM A**



Date of Birth 12/05/1969

Gender Male

Mobile No 9446200401

Faculty Type PERMANENT

Designation Professor

Department Computer Science and Engineering

Date of Joining in the
Institution 01/02/2013

Qualification(UG) B Tech (CSE)

Qualification(PG) M. Tech (CSE)

Qualification(Ph. D) Ph. D Computer Science

Total Experience in
years(Teaching) 27

Total Experience in
years(Industry) 0

Total Experience in
years(Research) 0

Area of Specialisation Computer Science - Machine Learning

No.of Papers
Published(National)

No.of Papers
Published(International) 2

No.of Papers in
conferences(National) 2

No.of Papers in 17

conferences(International)

Faculty Profile

Professional Memberships ISTE

226.Name SUMESH DIVAKARAN



Date of Birth 25/05/1979

Gender Male

Mobile No 9497321481

Faculty Type PERMANENT

Designation Professor

Department Computer Science and Engineering

Date of Joining in the Institution 05/07/2019

Qualification(UG) Computer Science and Engineering

Qualification(PG) Computer Science and Engineering

Qualification(Ph. D) Computer Science and Engineering

Total Experience in years(Teaching) 20

Total Experience in years(Industry) 0

Total Experience in years(Research) 4

Area of Specialisation Formal Methods

No.of Papers Published(National) 0

No.of Papers Published(International) 0

No.of Papers in conferences(National)

No.of Papers in conferences(International) 5

Professional Memberships

Projects Guided in Master's Level

Projects Guided in Master's Level

Faculty Profile

Area of Specialisation	Model Checking	
University	APJAKTU	
Student Name	Project Title	Year
Athira S. Nair	Semi Automated Model Checking Web Applications	2021
Aiswaryamol S.	State Transition System Model of Web Application	2021

Short Terms Courses/Workshops Attended


SL No	Title	Duration
1	Management of Software Systems	6 Days

Positions Held

SL No	Details	Period
1	Warden, Hostels, CET	April 2021 and co
2	HOD, CSE	June 2022 and co

Expert Talks Delivered

SL No	Title	Year
1	How to use xFig for creating pictures for Latex documents	2018
2	Efficient Refinement Checking in CET	2018

227.Name	Dr Liji P I	
Date of Birth	25/02/1972	
Gender	Female	
Mobile No	9446177517	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Computer Science and Engineering	

Date of Joining in the 21/09/2021

**Institution
Faculty Profile**

Qualification(UG)	B.Tech
Qualification(PG)	M.E
Qualification(Ph. D)	Ph.D
Total Experience in years(Teaching)	23
Total Experience in years(Industry)	
Total Experience in years(Research)	3
Area of Specialisation	Computer Science
No.of Papers Published(National)	
No.of Papers Published(International)	2
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	4
Professional Memberships	ISTE

228.Name Shine S

Date of Birth	24/04/1977
Gender	Male
Mobile No	9847600807
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Computer Science and Engineering
Date of Joining in the Institution	10/09/2021
Qualification(UG)	B.Tech

Qualification(PG) M.Tech

Faculty Profile
Qualification(Ph. D)

Total Experience in
years(Teaching) 21

Total Experience in
years(Industry)

Total Experience in
years(Research)

Area of Specialisation Blockchain Technology, Cloud Computing

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships Member, ISTE

Positions Held

SL No	Details	Period
1	Chairman: S5-S6 B.Tech Degree Exams, KTU	2019-2022
2	PG Co-ordinator (CSE)	2021-2022
3	DQAC Co-ordinator (CSE)	2021-2022

229.Name **SREELAL S**



Date of Birth 21/05/1969

Gender Male

Mobile No 9446527819

Faculty Type PERMANENT

Designation Associate Professor

Department Computer Science and Engineering

Date of Joining in the 06/06/2014

**Institution
Faculty Profile**

Qualification(UG)	B.Tech in Computer Science and Engineerin
Qualification(PG)	M.Tech in Computer Science and Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	24
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	ISTE(LM27562)

230.Name AJAI RAM

Date of Birth	22/05/1988
Gender	Male
Mobile No	9489012356
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Computer Science and Engineering
Date of Joining in the Institution	09/09/2021
Qualification(UG)	B.Tech in Computer Science and Engineering

Qualification(PG)	M.Tech in Computer and Information Science
-------------------	--

Faculty Profile Qualification(Ph. D)	
Total Experience in years(Teaching)	2 years 4 months
Total Experience in years(Industry)	6 years 6 months
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Projects Guided in Master's Level

Area of Specialisation	Machine Learning	
University	APJ Abdul Kalam Technological University	
Student Name	Project Title	Year
Jipsa Philip (Register No: KTE18CSCE12)	Detection And Classification of Brain Tumor From MRI Images by Different Classifiers	2020
Sruthi Satheesh P S (Register No. KTE19CSCE16)	Create a Structured Building Models From Silhouette Buildings	2021
Anagha S (Register No: KTE19CSCE01)	Designing Building Models From Single Image	2021

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Cloud of Things	22/02/2021 to 27/02/2021
2	Cyber Security and Block Chain Technology	18/01/2021 to 23/01/2021
3	Artificial Intelligence and Applications	26/07/2021 to 31/07/2021
4	Data Analytics and Biometric Systems	08/03/2021 to 10/03/2021

5	Pedagogical Training on Teaching Effectiveness	07/12/2019 to 09/12/2019
---	--	--------------------------

Faculty Profile		
6	LoRaWAN for Open IoT	11/11/2019 to 12/11/2019
7	Innovation and Entrepreneurship Development	15/04/2021 to 21/04/2021

231.Name	Deepthi V R	
Date of Birth	31/05/1982	
Gender	Female	
Mobile No	9446106982	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Computer Science and Engineering	
Date of Joining in the Institution	15/06/2017	
Qualification(UG)	BE	
Qualification(PG)	MTech	
Qualification(Ph. D)		
Total Experience in years(Teaching)	13	
Total Experience in years(Industry)		
Total Experience in years(Research)		
Area of Specialisation	Computer Science and Engineering	
No.of Papers Published(National)		
No.of Papers Published(International)		
No.of Papers in conferences(National)		
No.of Papers in conferences(International)	4	

Professional

Projects Guided in Master's Level

Area of Specialisation	Image Processing	
University	KTU	
Student Name	Project Title	Year
Thasni A N	ANFIS based Color Constancy Algorithms Selection System for Dark Image Enhancement	2016
Lekshmi M B	Spam Detection Framework for Online Reviews Using Hadoop's Computational Capability	2018
T P Abdul Raheem	HealthChain: A Secure Scalable Health Care Data Management System Using Blockchain	2020

Papers published in International Conferences

SL No	Title	Year
1	V. R. Deepthi and G. Gopakumar, "Clustering of protein-protein interaction network using fractal dimension of protein subnetworks," TENCON 2015 - 2015 IEEE Region 10 Conference, 2015, pp. 1-5, doi: 10.1109/TENCON.2015.7372789.	2015
2	A. N. Thasni, V. R. Deepthi and A. B. Francis, "ANFIS based color constancy algorithms selection system for dark image enhancement," 2016 International Conference on Next Generation Intelligent Systems (ICNGIS), 2016, pp. 1-6, doi: 10.1109/ICNGIS.2016.7854013.	2016
3	M. B. Lekshmi and V. R. Deepthi, "Spam Detection Framework for Online Reviews Using Hadoop's Computational Capability," 2018 International CET Conference on Control, Communication, and Computing (IC4), 2018, pp. 436-440, doi: 10.1109/CETIC4.2018.8530957.	2018
4	HealthChain: A Secure Scalable Health Care Data Management System Using Blockchain Distributed Computing and Internet Technology: 16th International Conference, ICDCIT 2020, Bhubaneswar, India, January 9–12, 2020, ProceedingsJan 2020 Pages 380–391 https://doi.org/10.1007/978-3-030-36987-3_25	2020

232.Name **DHANYA S PANKAJ**



Date of Birth	10/01/1985
Gender	Female
Mobile No	9544165044
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Computer Science and Engineering

Date of Joining in the 05/10/2019

Institution Faculty Profile

Qualification(UG)	B.Tech in Computer Science and Engineering
Qualification(PG)	M.Tech in CSE (Image Processing)
Qualification(Ph. D)	Ph.D in CSE
Total Experience in years(Teaching)	5
Total Experience in years(Industry)	3
Total Experience in years(Research)	5
Area of Specialisation	Digital Image Processing
No.of Papers Published(National)	1
No.of Papers Published(International)	2
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	4
Professional Memberships	IEEE Member

Papers published in National Journals

SL No	Title	Year
1	Pankaj, Dhanya S., Rama Rao Nidamanuri, and P. Bhanu Prasad. "A Review of 3-D Imaging Techniques and Products." Journal of Innovation in Computer Science and Engineering 3.2 (2014): 21-27.	2014

Papers published in International Journals

SL No	Title	Year
1	Pankaj, Dhanya S., and Rama Rao Nidamanuri. "Robust algorithm for multiview registration." IET Computer Vision 11.1 (2017): 96-103.	2017
2	Pankaj, Dhanya S., and Rama Rao Nidamanuri. "A robust estimation technique for 3D point cloud registration." Image Analysis & Stereology 35.1 (2016): 15-28.	2016

Papers published in National Conferences

SL No	Title	Year
1	Pankaj, Dhanya S., Rama Rao Nidamanuri, and Bhanu Prasad Pinnamaneni. "ProLoSAC: An Improved RANSAC Algorithm for Pairwise Registration of 3D Point Clouds." Proceedings of the 2014 Indian Conference on Computer Vision Graphics and Image Processing. 2014.	2014

Papers published in International Conferences

SL No	Title	Year
-------	-------	------

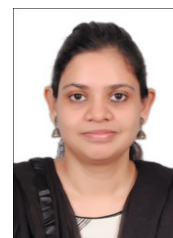
Faculty Profile		
1	Pankaj, Dhanya S., and M. Wilscy. "Face recognition using fuzzy neural network classifier." International Conference on Parallel Distributed Computing Technologies and Applications. Springer, Berlin, Heidelberg, 2011.	2011
2	Pankaj, Dhanya S., and M. Wilscy. "Comparison of PCA, LDA and gabor features for face recognition using fuzzy neural network." Advances in Computing and Information Technology. Springer, Berlin, Heidelberg, 2013. 413-422.	2013
3	Pankaj, Dhanya S., Rama Rao Nidamanuri, and P. Bhanu Prasad. "3-D imaging techniques and review of products." Proceedings of International Conference on" Innovations in Computer Science and Engineering. 2013.	2013
4	Pankaj, Dhanya S., and Rama Rao Nidamanuri. "Robust multiview registration of point clouds." 2016 International Conference on Communication Systems and Networks (ComNet). IEEE, 2016.	2016

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	FDP on Mathematics for Machine Learning	15 days
2	AICTE - NITTT FDP for Teachers - 8 modules	8 weeks
3	FDP on Advances in Deep Learning Approaches	6 days
4	FDP on Management of Software Systems	6 days
5	Creating International Visibility Through High Quality Research Output	6 days
6	Convolutional Neural Networks	4 weeks
7	Structuring Machine Learning Projects	4 weeks
8	Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization	4 weeks
9	Neural Networks and Deep Learning	4 weeks
10	Analyzing Data with Python	3 months
11	Deep Learning	6 days

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	FDP on Mathematics for Machine Learning	2021,KTU

233.Name	LEENA V A	
Date of Birth	26/02/1989	
Gender	Female	

Faculty Profile	
Mobile No	8848669200
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Computer Science and Engineering
Date of Joining in the Institution	12/12/2020
Qualification(UG)	BTech in Computer Science and Engineering
Qualification(PG)	MTech in Computer Science and Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	2.5
Total Experience in years(Industry)	1.5
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	1
Professional Memberships	

Projects Guided in Master's Level

Area of Specialisation	Information Security	
University	KTU	
Student Name	Project Title	Year
Lincy K S	Privacy Preserving Cyber Security Information Sharing Mechanism	2021
Amritha Mohanan	Automated Cyber Forensic Analysis	2021
Nufaila Thasni	Greyscale and binary image encryption	2021

Papers published in International Journals

SL No	Title	Year
--------------	--------------	-------------

Papers published in International Conferences

SL No	Title	Year
1	Leena V A, Ajeena Beegom A S, Rajasree M S, Inter Cloud Scheduling Techniques Using Power Of Two Choices- in IEEE International Conference on Computational Intelligence and Computing Research(ICCIC),December,2013.	2013

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Machine Learning and Optimization	3 days
2	Practical Exposure on Fundamental Mathematics behind Machine Learning	3 days
3	Artificial Intelligence and Machine Learning using Python	5 days

234.Name **PIYOOSH P**



Date of Birth	13/05/1988
Gender	Male
Mobile No	9633854814
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Computer Science and Engineering
Date of Joining in the Institution	06/09/2019
Qualification(UG)	BTECH IN IT
Qualification(PG)	MTECH IN CSE
Qualification(Ph. D)	PHD IN CSE
Total Experience in years(Teaching)	3.2
Total Experience in years(Industry)	

Total Experience in 4.6

Area of Specialisation	Cyber Physical System, Real-time and Embedded Systems, Internet of Things, Cloud Computing, Resource Allocation/Scheduling Algorithms		
No.of Papers Published(National)			
No.of Papers Published(International)	3		
No.of Papers in conferences(National)			
No.of Papers in conferences(International)	4		
Professional Memberships			

Papers published in International Journals

SL No	Title	Year
1	P. P. Nair, A. Sarkar and S. Biswas, "Fault-Tolerant Real-Time Fair Scheduling on Multiprocessor Systems with Cold-Standby," in IEEE Transactions on Dependable and Secure Computing, vol. 18, no. 4, pp. 1718-1732, 1 July-Aug. 2021, doi: 10.1109/TDSC.2019.2934098.	2019
2	Piyooosh Purushothaman Nair, Santosh Biswas, Arnab Sarkar, " Design of light weight exact discrete event system diagnosers using measurement limitation: case study of electronic fuel injection system", International Journal of Systems Science, Taylor and Francis, 49 (8), 1760-1783, 2018.	2018
3	Piyooosh Purushothaman Nair, Arnab Sarkar, N.M. Harsha, M. Gandhi, P.P. Chakrabarti, S. Ghose, " ERfair Scheduler with Processor Suspension for Real-Time Multiprocessor Embedded Systems", ACM Transactions on Design Automation of Electronic Systems (ACM TODAES), 22 (1), 19, 2016.	2016

Papers published in International Conferences

SL No	Title	Year
1	A. John, V. R. Josna and P. P. Nair, "Network-on-Chip Routers for Efficient Dataflow Computing: A Survey," 2021 International Conference on Advances in Computing and Communications (ICACC), 2021, pp. 1-8, doi: 10.1109/ICACC-202152719.2021.9708116.	2021
2	Piyooosh Purushothaman Nair, Rajesh Devaraj, Arnab Sarkar, " FEST: Fault-Tolerant Energy-Aware Scheduling on Two-Core Heterogeneous Platform", 8th International Symposium on Embedded Computing and System Design, 2018 (IEEE ISED 2018).	2018
3	Piyooosh Purushothaman Nair, Rajesh Devaraj, Argha Sen, Arnab Sarkar, Santosh Biswas, " DES based Modeling and Fault Diagnosis in Safety-critical Semi-Partitioned Real-time Systems", IFAC World Congress, IFAC-PapersOnLine 50 (1), 5029-5034, 2017.	2017
4	K Chauhan, Piyooosh P, Arnab Sarkar, Santosh Biswas, " A priori overload handling in ERfair scheduled embedded systems: Hybrid automata approach", Annual IEEE India Conference (INDICON), 1-6, 2014.	2014

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	FDP on Pedagogy Workshop on Effective Teaching	2021,DTE Kerala
2	FDP on Mathematics for Machine Learning	2021,KTU

Faculty Profile

235.Name **prafulla p**



Date of Birth 24/01/1984

Gender Female

Mobile No 9400580525

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Computer Science and Engineering

Date of Joining in the
Institution 30-07-2021

Qualification(UG) B.tech

Qualification(PG) M.tech

Qualification(Ph. D)

Total Experience in
years(Teaching) 8 months

Total Experience in
years(Industry) 1

Total Experience in
years(Research)

Area of Specialisation

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

Faculty Profile

236.Name **PREETHI L**



Date of Birth	07/05/1985
Gender	Female
Mobile No	9895721085
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Computer Science and Engineering
Date of Joining in the Institution	23/06/2016
Qualification(UG)	B. TECH IN CSE
Qualification(PG)	M.TECH IN CSE
Qualification(Ph. D)	
Total Experience in years(Teaching)	14 YEARS
Total Experience in years(Industry)	NIL
Total Experience in years(Research)	NIL
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	2
Professional Memberships	


Short Terms Courses/Workshops Attended

SL No	Title	Duration
-------	-------	----------

1	Compiler Design
---	-----------------

5 DAYS

Faculty Profile		
2	Mathematics for Machine Learning	30 hours
3	Artificial Intelligence with Machine Learning	8 days

237.Name	Rajasree R	
Date of Birth	21/08/1983	
Gender	Female	
Mobile No	9961992830	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Computer Science and Engineering	
Date of Joining in the Institution	27/08/2009	
Qualification(UG)	B-Tech in Computer Science	
Qualification(PG)	M-Tech in Computer Science	
Qualification(Ph. D)		
Total Experience in years(Teaching)	12.5 years	
Total Experience in years(Industry)		
Total Experience in years(Research)		
Area of Specialisation	Image Processing	
No.of Papers Published(National)		
No.of Papers Published(International)		
No.of Papers in conferences(National)		
No.of Papers in conferences(International)		
Professional Memberships	ISTE life member	

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Workshop on Data Analytics and Biometric System	3 days

Faculty Profile

238.Name **THARA R J**



Date of Birth 01/05/1989

Gender Female

Mobile No 8848070377

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Computer Science and Engineering

Date of Joining in the
Institution 12/06/2019

Qualification(UG) B. Tech in Computer Science and Engineering

Qualification(PG) M. Tech in Computer Science and Engineering

Qualification(Ph. D) Nil

Total Experience in
years(Teaching) 7

Total Experience in
years(Industry) 1

Total Experience in
years(Research)

Area of Specialisation Computer Science and Engineering

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National) 4

No.of Papers in
conferences(International) 4

Professional
Memberships

Faculty Profile

239.Name Vipin Vasu A V



Date of Birth 30/11/1980

Gender Male

Mobile No 9446445689

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Computer Science and Engineering

Date of Joining in the Institution 17/06/2015

Qualification(UG) B.TECH - Computer Science and Engineering

Qualification(PG) M.TECH - Computer Science and Engineering

Qualification(Ph. D)

Total Experience in years(Teaching) 15

Total Experience in years(Industry)

Total Experience in years(Research)

Area of Specialisation

No.of Papers Published(National)

No.of Papers Published(International)

No.of Papers in conferences(National) 2

No.of Papers in conferences(International)

Professional Memberships

Papers published in National Conferences

SL No	Title	Year
-------	-------	------

1	Bintu Balachandran , Vipin Vasu A. V , XSS Attack Mitigation Techniques on Web Applications,	2017
---	--	------

Faculty Profile	National Conference on Technological Trends (NCTT)-2017, Vol-2, pp 654-658 July 2017	
2	Arya K S, Vipin Vasu A. V , Speculation Techniques for Stock Market, Applications, National Conference on Technological Trends (NCTT)-2017, Vol-2, pp 654-658 July 2017	2017

240.Name **ACHU MARIYAM JOHN**



Date of Birth	26/07/1989
Gender	Female
Mobile No	9447581321
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Computer Science and Engineering
Date of Joining in the Institution	15/11/2021
Qualification(UG)	BTECH-IT
Qualification(PG)	MTECH-SOFTWARE ENGINEERING
Qualification(Ph. D)	
Total Experience in years(Teaching)	3
Total Experience in years(Industry)	0
Total Experience in years(Research)	0
Area of Specialisation	SOFTWARE ENGINEERING,IMAGE PROCESSING
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	
Professional Memberships	

Papers published in National Conferences

Papers published in National Conferences

Faculty Profile

SL No	Title	Year
1	Presented paper on "Robust Adaptive Windows for stereo correspondence" in the National Conference on Advanced Computation and Communication - 2013 held at Sree Budha college of Engineering,Pattoor	2013

241.Name **AKHIL V V**



Date of Birth	04-11-1991
Gender	Male
Mobile No	9544798129
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Computer Science and Engineering
Date of Joining in the Institution	03-01-2022
Qualification(UG)	B.Tech
Qualification(PG)	M.Tech
Qualification(Ph. D)	NO
Total Experience in years(Teaching)	2
Total Experience in years(Industry)	0
Total Experience in years(Research)	0
Area of Specialisation	
No.of Papers Published(National)	0
No.of Papers Published(International)	2
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	0

Professional

Papers published in International Journals

SL No	Title	Year
1	Novel QKD based DTN in cloud based architecture- IJARET	2016
2	Survey on encryption techniques in DTN-IJAEMS	2016

Positions Held

SL No	Details	Period
1	ASSISTANT PROFESSOR ADHOC-GECBH	4/8/2017 - 27/3/20
2	VISITING FACULTY-IIITMK	3/01/2019- 30/4/2
3	HSST SENIOR - GMBHSS	06/06/2018 - 26/0
4	ASSISTANT PROFESSOR ADHOC-GECBH	27/03/2019 - 27/0
5	ASSISTANT PROFESSOR ADHOC-GECBH	06/11/2022- 13/10

242.Name **Anisha V Lal**



Date of Birth	27/07/1996
Gender	Female
Mobile No	8921587285
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Computer Science and Engineering
Date of Joining in the Institution	06/12/2021
Qualification(UG)	B Tech Computer Science and Engineering
Qualification(PG)	M Tech Computer Science and Engineering
Qualification(Ph. D)	
Total Experience in years(Teaching)	
Total Experience in years(Industry)	

Total Experience in

years(Research)

Faculty Profile

Area of Specialisation

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

243.Name **Anusha B**



Date of Birth 26/08/1992

Gender Female

Mobile No 9489890950

Faculty Type Adhoc

Designation Assistant Professor_Adhoc

Department Computer Science and Engineering

Date of Joining in the
Institution 06-12-2021

Qualification(UG) BE

Qualification(PG) ME

Qualification(Ph. D)

Total Experience in
years(Teaching)

Total Experience in
years(Industry)

Total Experience in
years(Research)

Area of Specialisation Image Processing, Machine Learning, Deep Learning, Sequence Matching, Data Mining

No.of Papers

No.of Papers Published(International)	6
---------------------------------------	---

No.of Papers in conferences(National)	2
---------------------------------------	---

No.of Papers in conferences(International)	3
--	---

Professional Memberships	
--------------------------	--

Papers published in International Journals

SL No	Title	Year
1	Sabena, S., Kalaiselvi, S., Anusha, B., & Ramesh, L. S. (2016). An Multi-Label Classification with Label Correlation. Asian Journal of Research in Social Sciences and Humanities, 6(9), 373-386.	2016
2	Anusha, B., & Leo, A. A. (2016). TYPE I and TYPE II Diabetic Food Recognition System using BAYESIAN, SVM, PARZEN WINDOW, ANN Classifiers. Digital Image Processing, 8(3), 92-100.	2016
3	Anusha, B., & Leo, A.A. (2016), Comparison of Various Classifiers over Type I and Type II Diabetic Food Recognition System, Global Research and Development Journal for Engineering, Vol 1 Issue 6, pp: 48-57	2016
4	Leo, A. A., & Anusha, B. (2016) Certifying Truthfulness using a Light-Weight Security System in Clustered Wireless Sensor Networks. International Journal for Scientific Research & Development Vol. 4, Issue 03, pp: 1339-1343	2016
5	Anusha, B., & Geetha, P. (2021). Identification of gene variant associated with Parkinson's disease using genomic databases. Journal of Ambient Intelligence and Humanized Computing, 1-14.	2021
6	Anusha, B., & Geetha, P. (2021). Modeling of TST Using Biological Signals and KL-Hausdorff Distance Similarity Measure for Gene Based Parkinson's Disease Recognition. Journal of Medical Imaging and Health Informatics, 11(10), 2566-2572.	2021

Papers published in National Conferences

SL No	Title	Year
1	Anusha B, Sabena S, "Calorie Measurement in Food Recognition System for Diabetic Patients based on Bag-Of-Features Model"	2016
2	Anusha B, "Haptics"	2012

Papers published in International Conferences

SL No	Title	Year
1	Anusha, B., Sabena, S., & Sairamesh, L. (2017, October). Optimized Food Recognition System for Diabetic Patients. In International Conference on Next Generation Computing Technologies (pp. 504-525). Springer, Singapore.	2017
2	Anusha, B., & Geetha, P. (2018). Biomedical voice based parkinson disorder identification for homosapiens. In Computational vision and bio inspired computing (pp. 641-651). Springer, Cham.	2018
3	Anusha, B., & Geetha, P. (2018). Detection of Parkinson Disease in Homo Sapiens using Supervised Approach. In 60th International conference on Innovation for Next Generation (pp. 641-651). International Organization of Scientific Research and Development, Vol.60, pp: 50-57	2018

Faculty Profile

244.Name **ARYA S R**



Date of Birth 18/05/1994

Gender Female

Mobile No 8848013504

Faculty Type Adhoc

Designation Assistant Professor_Adhoc

Department Computer Science and Engineering

Date of Joining in the
Institution 10/12/2021

Qualification(UG) B.TECH. COMPUTER SCIENCE AND ENGG.

Qualification(PG) M.TECH. COMPUTER NETWORKS AND SECURITY

Qualification(Ph. D)

Total Experience in
years(Teaching)

Total Experience in
years(Industry)

Total Experience in
years(Research)

Area of Specialisation

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

245.Name **BHAGYA B**



Faculty Profile	
Date of Birth	05/05/1987
Gender	Female
Mobile No	9895619845
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Computer Science and Engineering
Date of Joining in the Institution	08/12/2021
Qualification(UG)	B.E
Qualification(PG)	MTECH
Qualification(Ph. D)	
Total Experience in years(Teaching)	4
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	IMAGE PROCESSING AND DATA MINING
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

246.Name	DIVYA S
Date of Birth	07/03/1988
Gender	Female
Mobile No	9900190994



Faculty Profile	
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Computer Science and Engineering
Date of Joining in the Institution	06/12/2021
Qualification(UG)	BE CSE
Qualification(PG)	M Tech CSE
Qualification(Ph. D)	
Total Experience in years(Teaching)	4.5
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	Software Engineering
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Positions Held

SL No	Details	Period
1	AP CSE @ RGIT BANGALORE	2015-2016
2	LECTURER @ CEC CHENGANNUR (IHRD)	2013-2014
3	LECTURER @ NGCE ANNA UNIVERSITY CHENNAI	2010-2012
4	AP ADHOC @ CET TVM	6/12/2021-TILL D.

Faculty Profile



Date of Birth	06/11/1991
Gender	Female
Mobile No	9747118743
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Computer Science and Engineering
Date of Joining in the Institution	16/11/2021
Qualification(UG)	B. TECH in CSE
Qualification(PG)	M. TECH in CSE
Qualification(Ph. D)	NIL
Total Experience in years(Teaching)	2
Total Experience in years(Industry)	0
Total Experience in years(Research)	NIL
Area of Specialisation	DATA SCIENCE
No.of Papers Published(National)	NIL
No.of Papers Published(International)	NIL
No.of Papers in conferences(National)	NIL
No.of Papers in conferences(International)	1
Professional Memberships	NIL

Positions Held

SL No	Details	Period
1	Assistant Professor (Adhoc) at Marian Engineering College	8 Months

Faculty Profile

248.Name KRISHNA A V



Date of Birth	06/08/1994
Gender	Female
Mobile No	9496305867
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Computer Science and Engineering
Date of Joining in the Institution	06/12/2021
Qualification(UG)	BTECH
Qualification(PG)	MTECH
Qualification(Ph. D)	
Total Experience in years(Teaching)	
Total Experience in years(Industry)	1
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	2
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Papers published in International Conferences

SL No	Title	Year
-------	-------	------

Faculty Profile	A LIGHT WEIGHT SECURE PROTOCOL FOR QUICK DISASTER RECOVERY USING AODV	2019
------------------------	---	------

Positions Held

SL No	Details	Period
1	SYSTEM ENGINEER	10/02/2020 - 25/0
2	ASSISTANT PROFESSOR- ADHOC	06/12/2021-

249.Name	REMYA N	
Date of Birth	09/09/1989	
Gender	Female	
Mobile No	9497323896	
Faculty Type	Adhoc	
Designation	Assistant Professor_Adhoc	
Department	Computer Science and Engineering	
Date of Joining in the Institution	03/01/2022	
Qualification(UG)	BTECH	
Qualification(PG)	MTECH	
Qualification(Ph. D)		
Total Experience in years(Teaching)		
Total Experience in years(Industry)		
Total Experience in years(Research)		
Area of Specialisation	COMMUNICATION AND NETWORKING	
No.of Papers Published(National)	1	
No.of Papers Published(International)		

No.of Papers in

conferences(National)

Faculty Profile

No.of Papers in
conferences(International)

Professional
Memberships

250.Name **SANDHYA L S**



Date of Birth 13/01/1988

Gender Female

Mobile No 9895772320

Faculty Type Adhoc

Designation Assistant Professor_Adhoc

Department Computer Science and Engineering

Date of Joining in the
Institution 23/11/2020

Qualification(UG) BTech

Qualification(PG) MTech

Qualification(Ph. D)

Total Experience in
years(Teaching) 7.7

Total Experience in
years(Industry) 0

Total Experience in
years(Research) 0

Area of Specialisation

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National) 1

No.of Papers in
conferences(International)

Professional

Papers published in National Conferences

SL No	Title	Year
1	Advantages of Software controlled Telescope over Hand Controlled Telescope	2013

Positions Held

SL No	Details	Period
1	Assistant professor(CET Tvm)	23/11/2020-30/3/2
2	Assistant Professor (LBSITW)	july 16- May 19
3	Assistant Professro(College of Engineering, Attingal)	july15-April 30

251.Name **VIDYA P V**



Date of Birth	15/09/1991
Gender	Female
Mobile No	9562855415
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Computer Science and Engineering
Date of Joining in the Institution	01/11/2021
Qualification(UG)	B.TECH COMPUTER SCIENCE AND ENGINEERING
Qualification(PG)	M.TECH COMPUTATIONAL LINGUISTICS
Qualification(Ph. D)	
Total Experience in years(Teaching)	0.4
Total Experience in years(Industry)	5
Total Experience in years(Research)	
Area of Specialisation	DATA SCIENCE, MACHINE LEARNING

No.of Papers

Published(National)

Faculty Profile

No.of Papers Published(International)	3
---------------------------------------	---

No.of Papers in conferences(National)	2
---------------------------------------	---

No.of Papers in conferences(International)	2
--	---

Professional Memberships

Papers published in International Journals

SL No	Title	Year
1	"Webpage Ranking Using Multilingual Information Search Algorithm - A Novel Approach", Vidya P V, Dr. P C Reghuraj, Jayan V, presented in International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST - 2015), December 9, 2015, Thrissur, and published in Elsevier.	2015
2	"Tamil to Malayalam Transliteration", Kavitha Raju, Sreerekha T V, Vidya P V, Rajeev R R, Dr. P C Reghuraj, presented in Fifth International Conference on Advances in Computing and Communications, 2-4 Sept. 2015, Kochi and published in IEEEExplore.	2015
3	"Corona Based Energy Efficient Clustering in Wireless Sensor Networks" Syed Abdul Sattar, Mohamed Mubarak.T, Vidya P V, Appa Rao, in International Journal of Advanced Research in Engineering and Technology, (impact Factor: 5.8376), Volume 4, Issue 3, April 2013, pp. 233-242.	2013

Papers published in National Conferences

SL No	Title	Year
1	"Semantic Role Labeling", Sreerekha T V, Vidya P V, Dr. P C Reghu Raj in Proceedings of National Conference on Computational Linguistics and Information Retrieval (NC CLAIR 2014), December 29-31, 2014, Palakkad.	2014
2	"Semantic Role Labeling Using Machine Learning Approach", Sreerekha T V, Vidya P V, Dr. P C Reghuraj, in proceedings of National Conference on Advances in Engineering Techniques, February 20, 2015, Mavelikkara.	2015

Papers published in International Conferences

SL No	Title	Year
1	"Tamil to Malayalam Transliteration", Kavitha Raju, Sreerekha T V, Vidya P V, Rajeev R R, Dr. P C Reghuraj, presented in Fifth International Conference on Advances in Computing and Communications, 2-4 Sept. 2015, Kochi and published in IEEEExplore.	2015
2	"Webpage Ranking Using Multilingual Information Search Algorithm - A Novel Approach", Vidya P V, Dr. P C Reghuraj, Jayan V, presented in International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST - 2015), December 9, 2015, Thrissur, and published in Elsevier.	2015

Positions Held

SL No	Details	Period
1	Project Fellow, Centre for Development of Advanced Computing (C-DAC)	September 2015 -
2	Associate Data Scientist, TechVantage Systems Pvt. Ltd	November 2017 -

252.Name **Dr. Sunil Edward**

Date of Birth 27/02/1968

Gender Male

Mobile No 9447533202

Faculty Type PERMANENT

Designation Professor

Department Architecture

Date of Joining in the Institution 27/09/1995

Qualification(UG) B. Arch.

Qualification(PG) M. Arch. (Hons)

Qualification(Ph. D) Ph. D.

Total Experience in years(Teaching) 26 years 6 months

Total Experience in years(Industry) 5 years

Total Experience in years(Research) 3 years

Area of Specialisation Sustainable Architecture

No.of Papers Published(National)

No.of Papers Published(International)

No.of Papers in conferences(National)

No.of Papers in conferences(International)

Professional Memberships

Faculty Profile**253.Name** **Priyanjali Prabhakaran**

Date of Birth 02/May/1971

Gender Female

Mobile No 9497775694

Faculty Type PERMANENT

Designation Professor

Department Architecture

Date of Joining in the Institution 28.10.1999

Qualification(UG) B.Arch.

Qualification(PG) Master of Housing

Qualification(Ph. D) PhD

Total Experience in years(Teaching) 22

Total Experience in years(Industry) 3

Total Experience in years(Research) 3

Area of Specialisation Architecture, planning

No.of Papers Published(National) 5

No.of Papers Published(International) 5

No.of Papers in conferences(National) 10

No.of Papers in conferences(International) 6

Professional Memberships 3

254.Name **Bejene S Kothari**

Faculty Profile

Date of Birth	12/05/1971
Gender	Female
Mobile No	9446542279
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Architecture
Date of Joining in the Institution	14/12/1999
Qualification(UG)	B Arch
Qualification(PG)	M Arch (UD)
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	23 yrs and 8 months
Total Experience in years(Industry)	3 yrs
Total Experience in years(Research)	14 yrs
Area of Specialisation	Architecture and Urban Design
No.of Papers Published(National)	5
No.of Papers Published(International)	2
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	10
Professional Memberships	Associate Indian Institute of Architects, Associate Institute of Urban Designers India, Life Member Indian National Trust for Art and Cultural Heritage, Life Member Indian Society for Technical Education



Faculty Profile



Date of Birth	18/05/1978
Gender	Female
Mobile No	9446531978
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Architecture
Date of Joining in the Institution	20/08/2006
Qualification(UG)	B.Arch
Qualification(PG)	M.Planning (Housing)
Qualification(Ph. D)	
Total Experience in years(Teaching)	16
Total Experience in years(Industry)	2
Total Experience in years(Research)	
Area of Specialisation	Planning
No.of Papers Published(National)	1
No.of Papers Published(International)	1
No.of Papers in conferences(National)	8
No.of Papers in conferences(International)	6
Professional Memberships	COA,ITPI,IIA

Projects Guided in Master's Level

Area of Specialisation	M.Planning (Housing)	
University	KTU	
Student Name	Project Title	Year
Shilpa.A.S	Planning Strategies for Reducing Environmental & Health Implications of Urban Heat Island Effect - a case of Kochi	2021
Anna John	Evaluating the Inclusion of Lower Income Groups in Mixed Income Housing Developments- a case	2020

Faculty Profile	of Thiruvananthapuram city	
Rini Thomas Kutty	Strategies to guide development of responsible tourism at destination level – A case of Kovalam	2020

Papers published in National Journals

SL No	Title	Year
1	Strategies for Sustainable Tourism Habitat Development at Varkala	2016

Papers published in International Journals

SL No	Title	Year
1	Transformations in Coastal settlements due to Tourism, Procedia technology Publication in conference proceedings, vol 24, 2016, pages 1668 - 1680	2016

Papers published in National Conferences

SL No	Title	Year
1	1. Lakshmi.S.R, Shaji.T.L, Strategies for sustainable tourism habitat development – a case of Varkala, Proceedings of the 5th NCTT at CET,TVM, 26,27 November 2004.	2004
2	2. R.Vennila, Lakshmi.S.R, Evaluation of sites and services schemes on housing the urban poor in Madurai District, Tamilnadu,Proceedings of the 9th NCTT at CET,TVM November 2008	2008
3	6. Jake Joseph, Lakshmi.S.R, Strategies for responsible tourism development-A case of Peerumedu region, Idukki,Proceedings of 18th NCTT July 21-22 at CET,TVM, 2017	2017
4	7. Siji Mohan, Lakshmi.S.R, Strategies for urban flood mitigation in Thiruvananthapuram, Proceedings of the 18th NCTT July 21-22 at CET,TVM, 2017	2017
5	10. Silpa.A.S, Lakshmi.S.R, Framework for assessing the impacts of urban physical characteristics to mitigate urban heat island effects, Proceedings of National Conference on Cities 2050:Planning,Governance & Management,23-24 July 2021,MNIT, Jaipur	2021

Papers published in International Conferences

SL No	Title	Year
1	Lakshmi.S.R, Shaji.T.L,“Transformations in Coastal settlements due to Tourism”, Proceedings of International Conference ICE TEST 2015 at School of Architecture & Planning, GEC,TCR,9-11, Dec 2015	2015
2	Feby Ann Verghese, Lakshmi.S.R, Role of Homestays in rural tourism for local economic development and community participation-a case study of Kumbalangi Grama Panchayat, Proceedings of International Conference ICE TEST 2020 at School of Architecture & Planning , GEC,TCR ,17-19 Dec 2020	2020

Consultancy Details

SL No	Consultancy	Year
1	Member of BARRIER FREE CONSULTANCY CELL established under a grant from the Social justice Department,Kerala	since 2021

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Quantitative methods for Qualitative Research in Architecture & Planning	7-11 March 2022

Faculty Profile	Visual Research Methods in Architecture	18-21 May 2021
------------------------	---	----------------

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	'Livability in future cities'	2018,DTE
2	one day workshop on 'New Housing Literacy for Rebuilding Kerala'	2019,KS HB & Dis
3	Unveiling Duality' - National Symposim on Redevelopment of Fort Kochi & Mattancherry	2017,GEC & IIA

Positions Held

SL No	Details	Period
1	Lecturer in Architecture at CET	20-8-2006 to 28-8
2	Assistant Professor in Architecture at GEC TCR	02-06-2014 to 11-
3	Associate professor at CET	12-03-2019 till now

256.Name **MANJU NAIR**



Date of Birth	11/08/1973
Gender	Female
Mobile No	9884402791
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Architecture
Date of Joining in the Institution	29/10/2001
Qualification(UG)	B Arch
Qualification(PG)	M Tech
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	20
Total Experience in years(Industry)	5

Total Experience in 3

Area of Specialisation	Energy efficiency , Daylighting
No.of Papers Published(National)	0
No.of Papers Published(International)	4
No.of Papers in conferences(National)	0
No.of Papers in conferences(International)	7
Professional Memberships	ISTE, IIA, COA

Projects Guided in Master's Level

Area of Specialisation	Sustainable Development of Tourism Destinations	
University	kerala	
Student Name	Project Title	Year
Alvin Chandy	Defining Carrying Capacity for Sustainable Development of Tourism Destinations –A Study of Paravoor Municipality in Kerala	2009
Sanu	strategies for guided development of pilgrimage town- A case of Guruvayur	2014

Papers published in International Journals

SL No	Title	Year
1	• MG Nair, K Ramamurthy and AR Ganesan., "Classification of indoor daylight enhancement systems," , Lighting Research & Technology 46 (3), 245-267, 2014/6	2014
2	• Manju G Nair, K Ramamurthy and AR Ganesan., "Daylight enhancement using laser cut panels integrated with a profiled Fresnel collector", Lighting Research & Technology 47 (8), 1017-1028, 2015/12	2015
3	• Manju G Nair, K Ramamurthy and AR Ganesan., "Conceptual design and assessment of a profiled Fresnel lens daylight collector, "Lighting Research & Technology 47 (5), 533-547, 2015/8	2015
4	• Manju G Nair, K Ramamurthy and AR Ganesan., "Design of an anidolic concentrator and evaluation of daylight enhancement under an overcast sky," Lighting Research & Technology 48 (8), 917-929, 2016/12	2016
5	• Manju G Nair, K Ramamurthy and AR Ganesan., "Design of an anidolic concentrator and evaluation of daylight enhancement under an overcast sky," Lighting Research & Technology 48 (8), 917-929, 2016/12	2016
6	• Manju G Nair, K Ramamurthy and AR Ganesan., "Performance studies of anidolic concentrator with light pipes for day lighting in buildings," International Journal of Scientific and Engineering Research 5 (7), 41-45, 2014	2014

Papers published in International Conferences

SL No	Title	Year
1	• Abhilash Suryan, Manju G Nair., "Trans-disciplinary project based learning models for community	2020

Faculty Profile	service,” Procedia Computer Science 172, 735-740, 2020	
2	• Manju G Nair and K Ramamurthy., “Influence of light pipes on interior daylight enhancement,” GREEN 09, Indian Institute of Architects, Pp 36-43,9-11 January 2009	2009
3	• Manju G Nair and K Ramamurthy., “Influence of light rods on interior daylight enhancement,” IMMM 2010, College of Engineering Trivandrum, Pp 599-603,14-16 January 2010	2010
4	• N Thomas, TL Shaji, Manju G Nair., “Sustainable Construction Using Discarded Pet Bottles,” GREEN 09, IMMM 2010, College of Engineering Trivandrum, Pp 616-623,14-16 January 2010	2010
5	• Manju G Nair and K Ramamurthy., “Characterization of Fresnel lens as daylight concentrator,” Conference proceedings: Advances in Building Sciences and Rehabilitation and restoration of structures, IIT Madras Chennai,13-16 Feb, 2013	2013
6	• Manju G Nair and K Ramamurthy., “Performance studies of anidolic concentrator with light pipes for daylighting in buildings,” 2nd IMMM 2014, College of Engineering Trivandrum, Pp 35-38, 17-19 Dec 2014	2014

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Teacher Orientation	15 days
2	Ergonomics in Design	14 days
3	Engineering Trends in Urban Design and Planning in Contemporary India	12days
4	Sustainability and Energy Issues in Built Environment	9 days
5	Earthquake risk management	7days
6	Multiple Dimensions in city planning	8 days

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Sustainability and Energy Issues in Built Environment	2009,DTE
2	New Dimensions of Sustainability in Built Environment	2016,DTE
3	Sustainable Architecture: Beyond the Rhetoric	2017,DTE

Positions Held

SL No	Details	Period
1	Head of Department, Department of Architecture	1st Aug 2019-18th
2	Member, MG university Board of studies, B Arch	2019- till date
3	Member, KTU Board of studies, B Arch	2019-till date

Expert Talks Delivered

SL No	Title	Year
-------	-------	------

257.Name SARITHA G PARAMBATH

Date of Birth 09/04/1973

Gender Female

Mobile No 9495909828

Faculty Type PERMANENT

Designation Associate Professor

Department Architecture

Date of Joining in the Institution 17/03/2009

Qualification(UG) B Arch

Qualification(PG) M Arch (General)

Qualification(Ph. D)

Total Experience in years(Teaching) 17

Total Experience in years(Industry) 1

Total Experience in years(Research) 0

Area of Specialisation Architecture

No.of Papers Published(National) 1

No.of Papers Published(International) 0

No.of Papers in conferences(National) 8

No.of Papers in conferences(International) 5

Professional Memberships CA/97/21737

PROJECTS GUIDED IN MASTER'S LEVEL

Faculty Profile

Area of Specialisation	Urban Design	
University	APJ Abdul Kalam Kerala Technological University	
Student Name	Project Title	Year
Aparna Rajeevan	Reimagining Public Realm Using Flexible Urban Spaces	2021
Ashish Kannan Badusha J	Urban design strategies for Ecologically sensitive Zone - Case of Punnamada Lake	2021

Papers published in National Journals

SL No	Title	Year
1	1. Shehna Rasheed and Saritha G Parambath, "Green to planned development zone: Development concept and strategies", Institute of Town Planners, India Journal 12 x 1, January - March 2015, pp 63-76.	2015
2	2. Vimaja CR & Saritha G Parambath, "Impact assessment of ITDP Housing Scheme – A case of Attapadi," , Vol.1, Oct 2014, pp 50-63.	2014

Papers published in National Conferences


SL No	Title	Year
1	6. Shehana Rasheed, Saritha G Parambath, "Development strategy for the Green to Planned Development Zone – Proposed in the master plan for Thiruvananthapuram City (Draft)", Proceedings NCTT August 2014, Vol.1.	2014
2	7. Vimaja CR & Saritha G Parambath, "Post - Occupancy evaluation of ITDP Housing Scheme in Attapadi Area", Proceedings NCTT August 2014, Vol.1.	2014
3	8. AnupamaSivaram , SarithaParambath, "Integrated Development Plan for Chittur with Special Focus on Economy through Heritage Tourism", NCTT 2015 Proceedings September 2015, pp 806-811	2015
4	9. Niby Thomas Varghese, Prof Saritha G Parambath, "Improving Pedestrian Accessibility Around MG Road Metro Station in Kochi", NCTT 2016 Proceedings August 2016, pp 17-22.	2016
5	12. Ar. Sneha Jose & Prof. Saritha G, "Negotiating issues of Urbanization on a Derelict Coastal Wetland Edge: Sewrias a case", Proceedings of NCTT 2017, Vol.1, pp23-28.	2017
6	Ar. J Anupriya & Saritha G Parambath, "Reimagining the Gateway to Port Blair City - Case of Haddo", Proceedings of NCTT 2017, Vol.1, pp 29-34.	2017
7	Ar. Minna Daniel & Ar. Saritha G Parambath, "Assessment of the impact of Urban geometry on Outdoor thermal comfort – A case of Kochi city", Proceedings of NCTT 2017 , Vol.1, pp 115-120.	2017

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	New trends in analysis of Civil Engineering structures	2 weeks
2	Earthquake risk management	1 week
3	Modern teaching aids in Technical education	1 day
4	e- learning tools and multimedia learning packages	5 days

Faculty Profile

5	Kerala Environment Congress	3 days
6	Research Methodology for Engineers	5 days
7	Behavior in the built Environment	3 days
8	Urban Design opportunities & Challenges- India	3 days
9	GIS & Remote Sensing Applications Using Open Source Software	5 days
10	Current Research in built Environment	6 days
11	Effective Teaching Methodologies in Engineering Education	6 days

258.Name	AJU R	
Date of Birth	24/08/1968	
Gender	Male	
Mobile No	9447009311	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Architecture	
Date of Joining in the Institution	08/01/2001	
Qualification(UG)	B.ARCH	
Qualification(PG)		
Qualification(Ph. D)		
Total Experience in years(Teaching)	21	
Total Experience in years(Industry)	7	
Total Experience in years(Research)		
Area of Specialisation		
No.of Papers Published(National)		

No.of Papers

Published(International)**Faculty Profile**No.of Papers in
conferences(National)No.of Papers in
conferences(International)Professional
Memberships**259.Name** **APARNA S**

Date of Birth 19/08/1984

Gender Female

Mobile No 08755175471

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Architecture

Date of Joining in the
Institution 03/06/2013

Qualification(UG) B. ARCH

Qualification(PG) M. ARCH

Qualification(Ph. D)

Total Experience in
years(Teaching) 8.5Total Experience in
years(Industry) 5.5Total Experience in
years(Research)

Area of Specialisation SUSTAINABLE URBANISM AND ARCHITECTURE

No.of Papers
Published(National)No.of Papers
Published(International)No.of Papers in
conferences(National) 2

No.of Papers in 6

Professional Memberships	IIA, COA, IGBC
--------------------------	----------------

Papers published in National Conferences

SL No	Title	Year
1	Built-form influenced daylighting for occupant health - a case of tropical, compact, multi-storeyed urban neighbourhoods. Interdisciplinary Conference on Healthcare and Technical Research (ICHTR)- 2020. Manipal Academy of Higher Education : MAHE.	2020
2	Urban Design Strategies for Water Resource Management : a case of Palakkad. 5th Annual Research on Cities Summit (ARCS 5.0). School of Human Settlements, Xavier University, Bhubaneswar.	2021

Papers published in International Conferences

SL No	Title	Year
1	Life, death and revival of a plaza - Sustaining an urban public space. International Conference on Future Cities. Roorkee: IIT Roorkee & ISPER Panchkula.	2019
2	Sociability - a precursor to Social Sustainability. International Conference on Sustainable Development Research in the Asia-Pacific. Melbourne & Gwalior: Springer.	2019
3	Liveability standards for Cities - an Urban Design Framework. 7th International Conference on Cities, People and Places (ICCPP-2019). Colombo: Department of Architecture, University of Moratuwa, Sri Lanka.	2019
4	Transect Approach to Analyse Fragmented Development: A Case of Airport Corridor of Bangalore. International Conference on Resilient and Liveable City Planning. School of Planning and Architecture Vijayawada.	2021
5	Resilient pattern-based alternatives for Public Transport Infrastructure. International Review for Spatial Planning and Sustainable Development. SPSD Press	2021
6	Facade control systems for optimal daylighting: A case of Kerala IOP Conference Series: Earth and Environmental Science	2022


Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Behaviour in the Built Environment	2014,DTE
2	IGBC AP Preparatory Training	2014,CET

Positions Held

SL No	Details	Period
1	Staff Advisor to 2011-16 B. Arch Batch	2013-2016
2	Staff Advisor to 2018 - 23 B. Arch Batch	2018-23
3	Department Library-in-Charge	2013-16, 2018-19
4	Editor & Staff Coordinator of Golden Jubilee Souvenir of Architecture Department	2014
5	Editor & Staff Coordinator of Year Book 2014 of Architecture Department	2014
6	Executive Member of Staff Club, College of Engineering Trivandrum	2014-16

Faculty Profile		
7	Reception Committee Member & Stage In-Charge of the Inauguration of Platinum Jubilee Celebrations of College of Engineering Trivandrum	2014
8	Department Coordinator - 80 th Year Celebrations of CET	2019
9	Coordinator and Staff-in-Charge of Harithanganam Project of College of Engineering Trivandrum	2019
10	Coordinator of Inaugural Function of 80 th Year Celebrations of College of Engineering Trivandrum	2019
11	Convenor of First Year Committee for NBA Accreditation , College of Engineering Trivandrum - Successfully secured 3 year accreditation for 7 programmes in 5 departments	2019-20
12	Assistant Warden, Ladies Hostel, College of Engineering Trivandrum	2019-2021
13	Newsletter Editor and Executive Member of CETAA	2019-2022

260.Name	ASHFINA T	
Date of Birth	30/05/1982	
Gender	Male	
Mobile No	9746997977	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Architecture	
Date of Joining in the Institution	18/02/2008	
Qualification(UG)	B.ARCH	
Qualification(PG)	M.ARCH	
Qualification(Ph. D)		
Total Experience in years(Teaching)	14	
Total Experience in years(Industry)	2	
Total Experience in years(Research)		
Area of Specialisation	ARCHITECTURE	
No.of Papers Published(National)	3	
No.of Papers	0	

No.of Papers in conferences(National)	4
---------------------------------------	---

No.of Papers in conferences(International)	1
--	---

Professional Memberships	COA, IIA
--------------------------	----------

Papers published in National Journals

SL No	Title	Year
1	Redefining Cultural Identity through Architecture: An Inquiry into Kerala context, Architecture: time and Space, CoA journal, July 2014 edition	2014

Papers published in National Conferences

SL No	Title	Year
1	Cultural Identity through Architecture” at the international conferences IMMM 2014 held at College of Engineering Trivandrum	2014
2	“Historic urban landscape approach as a new paradigm for the conservation of cultural landscapes of Indian cities” ICOMOS INDIA Scientific Symposium 2021 held at Faculty of Architecture & Planning, AKTU , Lucknow	2021

Papers published in International Conferences

SL No	Title	Year
1	The cultural significance of traditional public places in a cultural landscape of Kerala” in IEREK conference held in November 2021 through online	2021

Awards Received

SL No	Title	Organisation
1	Best PG Thesis Award by NIASA	Council Of Archite

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Environmental Impact Assessment	5 days
2	Conservation of Architectural Heritage	5 days
3	Road Safety-Issues, Concerns, & Pragmatic Solutions	5 Days
4	Sustainability and Energy issues in Architecture	9 days
5	Earthquake Risk Management	7 days

6	Recent Advances in the use of Geosynthetics in Transortation and Geo Engg.	14 DAYS
---	--	---------

Faculty Profile

7	Planning strategies for Accessibility and Universal Design	5 days
8	MultiDimensions in City Planning	6 days
9	Urban Design – Oppertunities and Challenges	3 days
10	Tropical Urbanism	3 days
11	New Dimensions of Sustainability in Built Environment	5 days
12	Academic writing	6 days
13	ASSESSING URBAN SUSTAINABILITY	5 days
14	Cultural Landscapes: Transformations and Emerging Ideas	3 days

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	New dimensions of sustainability in built environment	2016,DTE Kerala

261.Name **AYSHA S**

Date of Birth	20/07/1983
Gender	Female
Mobile No	9446570605
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Architecture
Date of Joining in the Institution	08/02/2008
Qualification(UG)	B. ARCH
Qualification(PG)	M. TECH (BUILDING TECHNOLOGY & CONSTRUCTION MANAGEMENT)

Qualification(Ph. D)

Faculty Profile	
Total Experience in years(Teaching)	14
Total Experience in years(Industry)	0.6
Total Experience in years(Research)	4
Area of Specialisation	SUSTAINABLE TECHNOLOGIES
No.of Papers Published(National)	0
No.of Papers Published(International)	2
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	6
Professional Memberships	AIIA, COA

Projects Guided in Master's Level

Area of Specialisation	Planning	
University	University of Kerala	
Student Name	Project Title	Year
C. J. Sreelakshmi	Spatial analysis of urban residential segregation	2016
P. Arpitha	Land Subdivision and its Impacts on the Land Use in Alappuzha Town Area	2016
M. Vishnu	Planning for public open spaces in Kollam city area	2015
Govind Dev	Dynamic Facade control systems for optimal daylighting, a case of Kerala	2021
Induja R. Raj	ECOLOGICAL FOOTPRINT ANALYSIS (EFA), CONSTRUCTION INDUSTRY IN WETLANDS a case example on Aakkulam	2021

Papers published in International Journals

SL No	Title	Year
1	Henna, K., Saifudeen, A., Mani, M. "Resilience of vernacular and modernising dwellings in three climatic zones to climate change" Scientific reports, 2021, 11(1), pp. 9172	2021
2	Aysha, S. & Mani, M., 2017. Adaptation of Buildings to Climate Change. Book Chapter for Encyclopaedia of Sustainable Technologies by Elsevier [In Reference Module in Earth Systems and Environmental Sciences. Elsevier] Available at: http://www.sciencedirect.com/science/article/pii/B9780124095489102027	2017
3	Siddharth Nair, Roshan Rao, Tarun Kumar, Guru Prasad G, Manish Kumar, Khadeeja Henna P, Aysha Saifudeen, Mani, M. (2019): Design of a Do-It-Yourself (DIY) based Solar Powered LED Lighting System for Training and Empowering Rural youth. In Chakrabarti, A., (Ed): Research into Design for a Connected World, Smart Innovation, Systems and Technologies, 451-460.	2019

Papers published in National Conferences

Papers published in National Conferences

Faculty Profile

SL No	Title	Year
1	C. J. Sreelakshmi and S. Aysha (2016). "Spatial analysis of urban residential segregation." 17th National Conference on Technological Trends (NCTT 2016)	2016
2	P. Arpitha and S. Aysha (2016). "Land Subdivision and its Impacts on the Land Use in Alappuzha Town Area." 17th National Conference on Technological Trends (NCTT 2016)	2016
3	M. Vishnu and S. Aysha (2015). "Planning for public open spaces in Kollam city area." 16th National Conference on Technological Trends (NCTT 2015)	2015

Papers published in International Conferences

SL No	Title	Year
1	Govind Dev, Aysha S., Aparna Sathish. (2021) 'Façade control systems for optimal daylighting, a case of Kerala' 2nd International Conference on Sustainable Energy Solutions for a Better Tomorrow (SESBT 2021), July 23-24 2021, VIT Chennai, GB14	2021
2	Henna, K., Saifudeen, A. and Mani, M. (2019) 'Responsiveness and resilience of existing dwellings in warm-humid climate zone to changing climate', in Comfort at the Extremes 10-11 April 2019, Dubai, 0084	2019
3	Siddharth Nair, Roshan Rao, Tarun Kumar, Guru Prasad G, Manish Kumar, Khadeeja Henna P, Aysha Saifudeen, Mani, M. (2019): Design of a Do-It-Yourself (DIY) based Solar Powered LED Lighting System for Training and Empowering Rural youth, International Conference on Research into Design (ICORD) 2019	2019
4	Siddharth, N., Roshan, R. Rao, et. al. including Aysha, S., 2018. "Roshini- Developing a DIY Rural Solar Light: utilizing products at End-of-Life (EoL) stage" IEEE Global Humanitarian Technology Conference (GHTC 2018) 18 – 22 October 2018, San Jose, California, 1570452179	2018
5	Aysha, S. & Mani, M., 2017. "Formulating a methodology to study adaptability in buildings to climate-change: climate-responsive adaptability in Indian conditions." 33rd International Conference on Passive Low Energy and Architecture (PLEA 2017) 2nd – 5th July 2017, Edinburgh, UK, 1433	2017
6	L. Pinky Devi, S. Aysha and Sivakumar Palaniappan (2014). "Comparison of life cycle energy use of high-rise residential buildings." 13th International Conference on Sustainable Energy Technologies, SET 2014, Geneva, Switzerland, E40048	2014

Awards Received

SL No	Title	Organisation
1	Henna, K., Saifudeen, A. and Mani, M. (2019) 'Responsiveness and resilience of existing dwellings in warm-humid climate zone to changing climate', in Comfort at the Extremes 10-11 April 2019, Dubai, 0084 [Best Paper Award]	Comfort at the Ex
2	M. Vishnu and S. Aysha (2015). "Planning for public open spaces in Kollam city area." 16th National Conference on Technological Trends (NCTT 2015) 11-12 September 2015, 1343. [Best Paper Award]	National Conferer (NCTT 2015)

Patents/Grants Fetched

SL No	Patent	Grant
1		Recipient of Coun Industrial Researc grant in June, 201

Technology Transfer

Technology Transfer Faculty Profile

SL No	Details
1	"Reinterpretation of traditional technologies to create affordable resilient homes for rural communities"(Scheme for Promotion of Academic and Research Collaboration, A Government of India Initiative) - Institutions involved IIT Roorkee, IISc Bangalore and TU Delft Netherlands. 2019-2021

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Climate change challenges – Mitigation and Adaptation	Five days
2	Thermal Performance of Buildings	One day
3	International Symposium of Earthen Structures	Three days
4	BUILDING ENERGY SIMULATION	Five days
5	Tropical Architecture and Urbanism	Three days
6	Accreditation Awareness Programme	One day
7	National Skill Qualification Framework (NSQF) by AICTE	One day
8	Multiple Dimensions of City Planning (Sustainable Urbanization)	Six days
9	Green Building Rating Systems	Two days
10	Self-Awareness And Higher Goals In Education'	Five days
11	Earthquake Risk Management	Seven days
12	Sustainability And Energy Issues In Built Environment	Nine days
13	Creative Approaches In Teaching For Young Teachers	Five days

Faculty Profile

14	Environmental Impact Assessment	Five days
----	---------------------------------	-----------

15	Emerging Trends In Urban Design & Planning in Contemporary India	Ten days
----	--	----------

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Hands-on training workshop on BUILDING ENERGY SIMULATION	2015, Directorate (Kerala
2	Color Techniques	2015, Visiting Fac Technical Educati
3	Bottle brick building and construction workshop	2009, Department Engineering Triva

Positions Held


SL No	Details	Period
1	Chairman, Board of Question Paper Setters, Odd Semester Examinations	2021-22
2	Chairman of Valuation, Eighth Semester Supplementary Examinations, University of Kerala	2021
3	Question paper setter for University examinations	2008 to till date
4	External examiner for the S1 B. Arch Architectural Design examinations at Marian College of Architecture and Planning (CUSAT), 2021	2021
5	External examiner for the S1 B. Arch Architectural Design examinations at Marian College of Architecture and Planning (CUSAT), 2020	2020
6	Faculty Advisor, B. Arch	2020 - till date
7	Faculty Advisor, B. Arch	2014 to 2016
8	Faculty Advisor, B. Arch	2009 to 2012
9	Acoustical Laboratory & Photography Lab in charge	2008-2010
10	Member of B. Arch syllabus revision	2008 scheme
11	Member of M. Arch syllabus and curriculum committee	2020
12	Member of the co-ordination and conduct of NATA 2010 (Aptitude test for Architecture)	2010
13	Member of Technical Committee of the Zonal Jury conducted for "AWARDS PROGRAMME FOR EXCELLENCE IN ARCHITECTURAL THESIS 2009	2009
14	Member of Accreditation Committee	2011-'12

15	Member of Technical Committee of the 2nd International Conference on Materials Mechanics and	2014
----	--	------

Faculty Profile	Management (IMMM 2014)	
16	Member of organizing committee during the conduct of golden jubilee celebrations at the Department of Architecture, CET	2014

Expert Talks Delivered

SL No	Title	Year
1	Resilience of vernacular and modernising dwellings to climate change	2021
2	Demonstration of Mendeley, the Reference Management Software	2021
3	'Thermal comfort in Buildings' in Energy Efficient Buildings Workshop Series on 'Low Carbon Materials and Building Systems'	2019
4	'Day lighting in Buildings' in Energy Efficient Buildings Workshop Series on 'Low Carbon Materials and Building Systems'	2019
5	'Thermal Performance of Buildings' in UKIERI-UGC Workshop (UJW 2019) on 'Alkali Activated Earth Building Products Utilising Non-Organic Solid Wastes'	2019
6	'Day lighting in Buildings' in Energy Efficient Buildings Workshop Series on 'Low Carbon Materials and Building Systems'	2018
7	'Life Cycle Energy Use Analysis of Buildings' during the short-term training programme on 'Multiple Dimensions of City Planning (Sustainable Urbanization)'	2014

262.Name	JAIN. K. GEORGE	
Date of Birth	25081976	
Gender	Female	
Mobile No	9847715791	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Architecture	
Date of Joining in the Institution	15012014	
Qualification(UG)	B. Arch	
Qualification(PG)	M. Planning(Housing)	
Qualification(Ph. D)	ongoing	
Total Experience in years(Teaching)	17 years and 7 months	

Total Experience in	1 year and 4 months
---------------------	---------------------

Faculty Profile

Total Experience in
years(Research)

Area of Specialisation Housing

No.of Papers
Published(National) 1

No.of Papers
Published(International) 2

No.of Papers in
conferences(National) 6

No.of Papers in
conferences(International) 3

Professional
Memberships Council of Architecture, Indian Institute of Architects, Institute of Town planners India.

Projects Guided in Master's Level

Area of Specialisation Planning

University Kerala

Student Name	Project Title	Year
Dhrishya Dharman	Conceptual framework for participatory spatial planning process in Kerala context	2015
Dhrishya Dharman	Planning process analysis of District Development Plan(IDDP) and Local Development Plan(LDP) in Kerala Context	2015

263.Name **Jinoj M.**



Date of Birth 21/01/1983

Gender Male

Mobile No 9895825919

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Architecture

Date of Joining in the
Institution 15/05/2013

Qualification(UG) B. Arch

Faculty Profile	
Qualification(PG)	M. Arch
Qualification(Ph. D)	
Total Experience in years(Teaching)	9 years 8 months
Total Experience in years(Industry)	6 years
Total Experience in years(Research)	
Area of Specialisation	Architecture
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	4
Professional Memberships	Indian Institute of Architects

Projects Guided in Master's Level

Area of Specialisation	Urban Design	
University	KTU	
Student Name	Project Title	Year
Joshua T Abraham	Handling the Pluralistic Spaces of the City, Case of Aluva Manappuram	2019
Priya M.	Structuring the Socio-Spatial to Tackle Urban Disruption Due to Information Technology Industries: A Case of Whitefield, Bangalore	2020
Mohammed Jauhar PP	Inclusive Design Principles: Sectorialization and Religious Bifurcation- Vizhinjam as a Case	2020
Harsha R.	REDEFINING IDENTITY OF A CITY THROUGH INTEGRAL URBANISM: A CASE OF KAKKANAD	2021
Arjun Sasidharan	DISASTER RESILIENT URBAN DESIGN STRATEGIES FOR AN ECOLOGICALLY VULNERABLE LOW LYING TOWN CASE OF KALPETTA, WAYANAD	2021

Papers published in International Journals

SL No	Title	Year
1	Mathidharan, Jinoj; Chatrath, Disha & Mishra, Tanuja (2018). Diagnosing Chandigarh's Heart The future of sector 17 as an urban public space. International Research Journal of Engineering and Technology (IRJET)	2018

Papers published in International Conferences

SL No	Title	Year
1	Mathidharan, Jinoj; Chatrath, Disha & Mishra, Tanuja (2017). Diagnosing Chandigarh's Heart The	2018

Faculty Profile	future of sector 17 as an urban public space. International Conference on Theory of Architectural Design: Global Practices Amid Local Milieu	
2	Mathidharan, Jinoj; & Raheja, Gaurav (2019). Design Studio Pedagogy in the Early Years of Architecture Education. International Conference on Architecture Education. Jamia Millia Islamia, New Delhi.	2019
3	Mathidharan, Jinoj; & Abraham, Joshua T (2019). Activating City Through Kinetic Spaces: A Case of Aluva Manappuram. 7th International Conference on Cities People Places. University of Moratuwa, Sri Lanka.	2019
4	Mathidharan, Jinoj; & Abraham, Joshua T (2019). Spatial modifications with social interaction in festivals. International Conference on Future Cities. IIT Roorkee & ISPER, Panchkula	2019

Consultancy Details

SL No	Consultancy	Year
1	Team leader for the design of Vocational Training Centre for KSCCW at Kalliyoor, Thiruvananthapuram. Project cost: 7 crores	2018-19
2	Architect in charge of Trivandrum district for the technical consultancy to CArE Homes Phase I, co-ordinated by Department of Cooperation for Government of Kerala	2018-19
3	Team leader for apartment complex design at Pallickal, Trivandrum, under CArE Homes Phase II, co-ordinated by Department of Cooperation for Government of Kerala. Project cost: 8 crores	2019-20
4	Architect for Master plan preparation and campus beatification project of Senate House Campus, University of Kerala, Palayam Trivandrum.	2020-21
5	Architect for Interior renovation of Senate building of University of Kerala, Palayam campus	2021-22

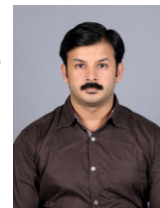
Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Green Technology	5 days
2	Regional Faculty Induction Program - South Zone	5 days
3	An impetus to Landscape Realm	6 days
4	Building Engineering Simulation Workshop	5 days
5	Architectural Theory: Worldviews, Conceptual Histories and Role Models	5 days
6	Universal Design and Accessibility Planning	7 days

Expert Talks Delivered

SL No	Title	Year
1	Identifying Critical Components of Architectural Theory: Narratives from Kerala	2017

Faculty Profile



Date of Birth	28-05-1981
Gender	Male
Mobile No	9544310250
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Architecture
Date of Joining in the Institution	02-01-2012
Qualification(UG)	B.ARCH
Qualification(PG)	M.ARCH
Qualification(Ph. D)	PURSUING
Total Experience in years(Teaching)	15 years 2 months
Total Experience in years(Industry)	3 years
Total Experience in years(Research)	3 years
Area of Specialisation	Urban Safety Perception, Architectural Pedagogy
No.of Papers Published(National)	1
No.of Papers Published(International)	0
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	3
Professional Memberships	AIIA (Associate-Indian Institute of Architects)

Projects Guided in Master's Level

Area of Specialisation	Planning (Housing)	
University	APJ Abdul Kalam Technological University Kerala	
Student Name	Project Title	Year
Krishna A L	Spatial planning strategies for ensuring safety in urban residential areas-a case of Kollam - PG THESIS PROJECT	2018
Aleesha A Majid	Spatial structuring of gateway to Thrissur city- PG THESIS PROJECT	2018

Faculty Profile Mohammed Naseem	Creating a Safe Neighbourhood - The Case of Aundh -Banner -Balewadi (ABB) in Pune Smart City - PG THESIS PROJECT	2019
Thushara P T	Integrating aqua-network as a component to strengthen TOD in cochi region a case of vytila kaniyampuzha area. - PG THESIS PROJECT	2019
Krishna A L	The need for Planned Residential Neighbourhoods to reduce crime - PG DISSERTATION PROJECT	2017
Mohammed Naseem	Improving Sense of Security in Transit Nodes - PG DISSERTATION PROJECT	2018
Anupama Premanand	Future cities: technology enabled spaces - PG DISSERTATION PROJECT	2017

Papers published in National Journals

SL No	Title	Year
1	Water Harvesting Design Strategies for Residences in Kerala - Amritha Suresh, Karthik Mohan, Journal of the Indian Institute of Architects ISSN-0019-4913 NOVEMBER 2021, Volume 86, Issue 11	2021

Papers published in National Conferences

SL No	Title	Year
1	Community Participation Methods for Ensuring Safety in Urban Areas - Krishna A L, Karthik Mohan, Research Seminar- DG College of Architecture, Malappuram	2018

Papers published in International Conferences

SL No	Title	Year
1	Increased Sense of Security through Built Environment - Karthik Mohan, Dr.P.S.Chani, International Conference – Sustainable Built Environment '17 at IIT Roorkee.	2017
2	Exploring Sense of Security of an Urban Recreational Park - Karthik Mohan, Dr.P.S.Chani, International Conference at SMVDU, Katra, Jammu & Kashmir	2017
3	Importance of community participation methods for ensuring safety in urban residential areas- A case of Kollam , Krishna A L, Karthik Mohan, CPTED Conference 2022 SPA DELHI	2022

Consultancy Details

SL No	Consultancy	Year
1	Planning for Nilakkal as a Basecamp for Sabarimala - Research Consultancy project - Devaswom Board - CET	2019

Awards Received

SL No	Title	Organisation
1	First Rank - M.Arch	Indian Institute of
2	First Rank (Technical Education)- FLAIR International Internship	Higher Education of Kerala

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Life Skill Education & Counselling	6 days

Faculty Profile

2	Early Faculty Induction Programme	11 days
3	Methodology for Engineering Research	3 days
4	Induction Training	5 days
5	Training of Trainers for Architectural Learning	5 days
6	Good Learning - Induction Training	5 days
7	Behaviour in the Built Environment	3 days
8	Multiple Dimensions of City Planning	8 days
9	Self-Awareness and Higher Goals in Education	5 days
10	Multiple Dimensions of City Planning – Sustainable Urbanization	6 days
11	Urban Design : opportunities and Challenges – India 2014	3 days
12	Teaching & Experimenting with Architectural Design	5 days
13	Dharohar	3 days
14	Building Energy Simulation	5 days
15	Role of Staff advisors in Student Guidance and Counselling	1 day
16	Second National Technological Congress	2 days
17	Modern Teaching Aids in Technical Education	1 day
18	FLAIR Communication Skill Development Training	2 days
19	Engineering Approach to Community Development Projects at Trivandrum	1 day

Faculty Profile

20	Hill and Vernacular Architecture	3 days
----	----------------------------------	--------

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	3rd International Conference on Materials Mechanics and Management	2017,CET
2	2nd International Conference in Materials Mechanics and Management	2014,CET
3	International Conference - Sustainable Built Environment	2017,IIT Roorkee

Expert Talks Delivered

SL No	Title	Year
1	Faculty Induction Training - NIASA Pune	July 2013
2	Regional Faculty Induction Training	December 2013
3	Behavior in Built Environment	January 2014
4	Faculty Induction Training - NIASA Pune	August 2014
5	Regional Faculty Induction Training	October 2014
6	Faculty Induction Training - NIASA Pune	November 2014
7	Urban Design Opportunities & Challenges	November 2014
8	Good learning	November 2014
9	Good Learning	December 2014
10	Good Learning	January 2015
11	Regional Faculty Induction Training	January 2015
12	Regional Faculty Induction Training	May 2015
13	Regional Faculty Induction Training	July 2015
14	Regional Faculty Induction Training	August 2017

Faculty Profile

15	COA -TRC Dialogues	March 2018
16	Re Thinking Architectural Design Pedagogy to stimulate, enthusiasm and motivate students	September 2019

265.Name **Lakshmi A.**



Date of Birth	17/01/1982
Gender	Female
Mobile No	8129785992
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Architecture
Date of Joining in the Institution	03/02/2014
Qualification(UG)	B.Arch
Qualification(PG)	M.Planning (Housing)
Qualification(Ph. D)	NA
Total Experience in years(Teaching)	9
Total Experience in years(Industry)	8
Total Experience in years(Research)	1.5
Area of Specialisation	M.Planning (Housing)
No.of Papers Published(National)	1
No.of Papers Published(International)	0
No.of Papers in conferences(National)	5
No.of Papers in	1

Professional Memberships	Associate member of Institute of Town Planners, India. Associate of Indian Institute of Architects
--------------------------	--

Projects Guided in Master's Level

Area of Specialisation	M.Planning (Housing)	
University	University of Kerala	
Student Name	Project Title	Year
Philson Philipose	Strategies to improve public housing projects at local level - The case of Ponnani Municipal area	2015
Vaishnavi	Development of a model neighbourhood in Kozhikode city to ensure active living in children	2016
Harsha M.	Restructuring old trade centre of Veliyangadi, kozhikode to adapt to new changes	2017
Sherin P.V.	Microwatershed-based planning for Palamattom watershed area in Kothamangalam, Ernakulam	2017
Reena Mathew	Planning Interventions of Migrant-sending communities - Case of Mayyanad Panchayat, Kollam	2017
Lekshmi G	Socio-spatial Transformation of settlements adjoining development project sites - A case of Vizhinjam International deepwater multi-purpose seaport	2018
Sherin Greenal	Area-based planning strategies for a Sub-urban station area to incorporate 3Ds (Density, Diversity, Design) of TOD	2019
Ria Mariam John	Assessing Livability in Residential areas influenced by a Technicentric development - A case of Kazhakkuttom	2019
Sharika Ravi	Integrated Island Management Plan for Kadamakkuzhy Islands in Kochi	2020
Pooja Chandran	Settlement Planing Model based n the adapted socio-economic framework to increase physical activity of Omani women	2021

Papers published in National Journals

SL No	Title	Year
1	Philson Philipose & Lakshmi A. "Identification of problems and proposal of strategies to Improve Housing Projects at local level - A Case of Ponnani Municipal Area" National Conference on Technological Trends held at College of Engineering, 2015	2015
2	Lekshmi G & Lakshmi A., "Socio-spatial transformation of settlements adjoining development project site - A Case of Vizhinjam International Deep Water Multipurpose seaport" National Conference on Technological Trends held at College of Engineering	2016
3	Harsha M. & Lakshmi A. "Restructuring old trade centre of Valyangadi, Kozhikode to adapt to new changes" National Conference on Technological Trends held at College of Engineering	2017

Papers published in National Conferences

SL No	Title	Year
1	Reena Mathew & Lakshmi A.(2019) "Planning Interventions for migrant-sending communities - Kerala Context" Proceedings of 3rd International Conference - Recent Advances in Materials, Mechanics and Management, CRC Press, Taylor & Francis Group publication	2019
2	Philson Philipose & Lakshmi A. "Identification of problems and proposal of strategies to improve Housing Projects at local level - A Case of Ponnani Municipal Area" National Conference on Technological Trends held at College of Engineering	2016

Papers published in International Conferences

Papers published in International Conferences

Faculty Profile

SL No	Title	Year
1	Reena Mathew & Lakshmi A.(2019) "Planning Interventions for migrant-sending communities - Kerala Context" Proceedings of 3rd International Conference - Recent Advances in Materials, Mechanics and Management, CRC Press, Taylor & Francis Group publication	2019

Consultancy Details

SL No	Consultancy	Year
1	Land-pooling and rationalisation of FAR - Case of high-way widening project, Trivandrum. Jointly done with other faculty members of the department	2017

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Capacity Building of Architects in Earthquake Risk Management	7 days
2	Emerging Trends in Urban Design & Planning in Contemporary India	7 days
3	Regional Faculty Induction Programme	10 days
4	GIS and Remote Sensing Applications Using Open Source Software	6 days
5	Outcome Based Education	1
6	Role of Land-use planning in Rebuilding Kerala	1
7	Effective Teaching Methodologies in Engineering Education	6
8	Transformative Pedagogy in Architecture	3 days
9	Sustainable Architecture: Beyond the Rhetoric	3 days

Faculty Profile


10	Capacity Enhancement programme for staff advisors	6 days
11	Training on e-Governance Programme on Change Management	3 days
12	International Symposium on Tropical Architecture and Urbanism	3 days

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Effective Teaching Methodologies in Engineering Education	2016, Directorate c

Positions Held

SL No	Details	Period
1	Staff Advisor to 2015-2020 batch B.Arch (Kerala University) students	September 2015 t
2	Staff advisor to 2021-23 batch M.Arch (Urban Design) students	November 2021 ti
3	National Institutional Ranking Framework (NIRF) - department level co-ordinator for data collection, compilation and uploading	2017 till date
4	AICTE-Extension of approval - Department level co-ordinator in data collection and compilation	2018 - till date
5	AISHE - Department level work in data collection and compilation	2018 till date

266.Name	NIDHISH P J	
Date of Birth	12/08/1988	
Gender	Male	
Mobile No	9746240629	

Faculty Type PERMANENT

Faculty Profile	
Designation	Assistant Professor_Regular
Department	Architecture
Date of Joining in the Institution	06/07/2018
Qualification(UG)	B.Arch
Qualification(PG)	M.Planning (Housing)
Qualification(Ph. D)	
Total Experience in years(Teaching)	8
Total Experience in years(Industry)	2
Total Experience in years(Research)	1
Area of Specialisation	Community Participation in Spatial Planning, Form Based Spatial Planning, Participatory Tourism Planning, GIS and Spatial Modelling
No.of Papers Published(National)	
No.of Papers Published(International)	2
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	4
Professional Memberships	Indian Institute of Architects (Associate membership), Indian Society for Technical Education (Life Time membership)

Projects Guided in Master's Level

Area of Specialisation	Planning (Housing)	
University	APJ Abdul Kalam Technological University, Kerala	
Student Name	Project Title	Year
Agnes Rachel Simon	“Framework for assessment of suitability of multistoreyed residential buildings under slum upgradation programmes: A case of Chennai corporation”	2019
Agnes Rachel Simon	“Responsive Built Environment: A Post Occupancy Evaluation Of Multi-Storey Housing For Slum Dwellers In Chennai City”	2020
Arunima P M	"Rurban Development Approach for the most ruralised District in Kerala: A case of Wayanad"	2019
Nishan Nazer K K	"Settlement Development of Indigenous People in The Context of Coastal Area Development in Kozhikode"	2019

Papers published in International Journals

SL No	Title	Year
1	K. Aysha Jennath, P.J. Nidhish, Aesthetic Judgement and Visual Impact of Architectural Forms: A	2016

Faculty Profile	Study of Library Buildings, Procedia Technology, Volume 24, 2016, Pages 1808-1818, ISSN 2212-0173, https://doi.org/10.1016/j.protcy.2016.05.226 .	
2	Nishan Nazer K K, P.J. Nidhish, Settlement Development of Indigenous People in the Context of Coastal Area Development in Kozhikode. In: Mishra R.K., Singh R.B., Dubey A. (eds) Sustainable Climate Action and Water Management. Advances in Geographical and Environmental Sciences. Springer, Singapore. https://doi.org/10.1007/978-981-15-8237-0_27	2021

Papers published in National Conferences

SL No	Title	Year
1	'Post Occupancy Evaluation of Rajiv Awaz Yojana At Mathipuram Colony, Vizhinjam, Thiruvananthapuram' in the 'Kerala Environmental Congress, 2016'.	2016
2	'Spatial Planning Strategies for Tourism Destination Master Plan Development at Munroe-Islands' in '18th National Conference on Technological Trends' held at C.E.T., Thiruvananthapuram, 2017.	2017

Papers published in International Conferences

SL No	Title	Year
1	'Settlement Development of Indigenous People in The Context of Coastal Area Development in Kozhikode' in 'International Conference on Water Resources, Climate Change and Sustainability', co-organised by Institute of Public Enterprise and Osmania University held at Hyderabad, Telangana, 2019	2019
2	'Green Strategies for Developing Economic Sectors in Rurban Areas A Study of Meenangadi – Ambalavayal Rurban Cluster in Kerala' in 'International Conference on Performance of Built Environment' held at C.A.T, Thiruvananthapuram, 2020	2020
3	'A Literature Overview of Effectiveness of Community Participation in Participatory Tourism Planning' in the 6th Biennial International Conference On Emerging Trends In Engineering Science And Technology (ICETEST 2020) held at G.E.C. Thrissur, 2020	2020
4	'Water based tourism planning in Kerala context with focus on tourism circuit developments' in the 3rd International Conference on Materials, Mechanics and Management (IMMM 2017) held at CET, Thiruvananthapuram	2017

Consultancy Details

SL No	Consultancy	Year
1	Technical Consultancy Wing member of the 'Games Village Master Plan Development' project at Menamkulam, Thiruvananthapuram for the 35th National Games hosted by Kerala.	2014-15
2	Technical Consultancy Wing member of the KIIFB project - 'Nattakom polytechnic renovation and development'.	2017
3	Architectural design development of the Placement and Activity Centre building for R.I.T., Kottayam	2017
4	Architectural design development of the Entrance Gateway and Parking Area for R.I.T., Kottayam	2018
5	Technical Consultancy Wing member of the project - 'Autism Park' at Pallimon, Kollam for the Director of Public Instruction, Kerala	2018
6	Technical Consultancy Wing member of the Kerala state Govt. project - 'CARE Kerala (CARE Kerala (Co-operative Allianz for Rehabilitation of Kerala)' for post flood rehabilitation in Alappuzha and Kollam districts, funded by The Co-operative Department, Government of Kerala.	2018-2019

Short Terms Courses/Workshops Attended

SL No	Title	Duration
-------	-------	----------

Faculty Profile		
1	'Architectural Education - Transition From Pedagogy To Andragogy'	6 days
2	'Rediscovering The Myth And Science Of Vastushastra'	3 days
3	'Multiple Dimensions Of City Planning'	6 days
4	'Heritage Management'	5 days
5	'Regional Faculty Induction Programme'	5 days
6	'Epistemological Paradigms Of Vastu Tradition & Practice'	3 days
7	'Bridging the gaps in Structural Conservation - Philosophy and Practice of Conservation of Built Heritage'	5 days
8	'Fostering Linkages in Academic Innovation and Research Induction training programme.' (FLAIR)	3 days
9	'Tropical Landscape Design'	5 days
10	'Current Research in Built Environment'	6 days
11	'Sustainable Architecture: Beyond The Rhetoric'	3 days
12	Faculty Development Programme on Glazed Building Facade	3 days
13	'Researching Teaching In Architectural Education'	4 days

Faculty Profile

14	'Research and Publication Ethics'	6 days
15	'Applications of GIS & Remote Sensing in Architectural Pedagogy (Level 1)'	21 days
16	'Small Hydro Electric Power Projects'	6 days
17	'Resilience in Architecture and Planning'.	5 days
18	'Strategies, Structure and Guidelines of HRD Cell'	4 days
19	'Outcome Based Education'.	1 day
20	'Water Thoughts: A Journey through Water-Builtscapes'.	5 days
21	'Kerala Architectural Festival – SPACES : Design, Culture and Politics'	3 days

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	'An Impetus To Landscape Realm', at Dept. of Architecture, R.I.T., Kottayam.	2014,Director of T
2	'Cost Effective Architecture - A Way of Life' at Dept. of Architecture, R.I.T., Kottayam.	2016,Director of T
3	'Workshop on Mud, Brick, Stone, Bamboo', as part of Laurie Baker Centenary Celebrations 2017-18, jointly organized by R.I.T., Kottayam, Laurie Baker Center for Habitat Studies, Costford and Lensfed at R.I.T., Kottayam	2017,Laurie Bake Studies, Costford

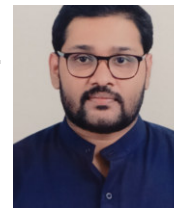


Faculty Profile

Date of Birth	21/01/1979
Gender	Female
Mobile No	9843590960
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Architecture
Date of Joining in the Institution	11/11/2021
Qualification(UG)	B.Arch
Qualification(PG)	M.Arch
Qualification(Ph. D)	
Total Experience in years(Teaching)	12
Total Experience in years(Industry)	6
Total Experience in years(Research)	0
Area of Specialisation	Architectural Conservation
No.of Papers Published(National)	-
No.of Papers Published(International)	-
No.of Papers in conferences(National)	-
No.of Papers in conferences(International)	-
Professional Memberships	Member Council of Architecture



Faculty Profile



Date of Birth	07/11/1986
Gender	Male
Mobile No	9496917747
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Architecture
Date of Joining in the Institution	18/12/2015
Qualification(UG)	M. Arch
Qualification(PG)	Masters in Architectural Conservation
Qualification(Ph. D)	
Total Experience in years(Teaching)	10
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	Conservation, Traditional Architecture, History of Architecture
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Projects Guided in Master's Level

Area of Specialisation	M.Arch Urban Design - Dissertation	
University	APJ Abdul Kalam technological University	
Student Name	Project Title	Year
Richu Thomas	Built Environment and its Impact on Human Behaviour – Agraharams and Shaliyar community as cases	2016
Ginto George	Using Parametricism as a tool for Analyzing the Bioclimatic design on Urban Context	2016

Faculty Profile Swathy J.	Formation of Parameters for the Evaluation of Housing Stress in Kerala	2016
Arathy Padmakumar	Planning Practices for the Management of Historic Precinct with Religious significance	2016
Ginto George	Integrating Urban Village with new development – Navi Mumbai CBD Belapur as a case	2017
Sarga G.S.	Tourism as a tool to Re-imagine Blighted Historical Precinct – Case of Thalasherry, Kerala	2017
Arathy Padmakumar	Infrastructure development Plan for Kottarakkara Town	2017
Thejas N. George	Storm water drainage – Related issues and potential in urban areas	2017
Soorya Raju	Development of Aranmula as a Heritage Town, Pathanamthitta, Kerala	2019
Smitha C	Co-creating Commons – Rethinking Rivers as Commons through social-ecological framework	2019-20
Alli M Sudhan	Sensitive Ecological Issues Leading to Development Induced Landslides on Urban Highlands	2019-20
Fabya Thaila Chandy Mohammed	The Influence of Religious Soundscapes on the Image of the City: The case of Thiruvananthapuram.	2020-21
Fabya Thaila Chandy Mohammed	Urban Sonic Placemaking: Beyond the Noise	2021
Amrutha Jayan	Urban Design Strategies for Renewal of Multicultural Neighbourhoods – A case of Mattancherry	2021

Papers published in National Conferences

SL No	Title	Year
1	Co-authored 'Life, Death and Revival of a Plaza - Sustaining an Urban Public Space' with Prof. Aparna S., for 'Reflections of an old student' for International Conference on Future Cities -2019, Indian Institute of Technology, Roorkee, and ISPER (Institute for Spatial Planning and Environment Research).	2019
2	Co-authored 'Padippura and Pumukham as Interactive Realms in Traditional Agrarian Homesteads of Southern Travancore' with Akshatha K, for 'Metagreen Dimensions -2019, Proceedings of 2nd International Conference on Performance of Built Environment. Presentation details: 20-22nd February, 2020/105&106. ISBN: 978-93-5396-411-5.	2019
3	Co-authored and guided 'Tourism as a tool to re-imagine blighted historical precinct – case of Thalassery, Kerala,' by Sarga G.S., M. Arch for 18th NCTT 2017. Published in NCTT 2017 Proceedings, Vol. I, pp.054-059.	2017
4	Co-authored and guided 'Formulation of Parameters for the Evaluation of Housing Stress in Kerala' by Swathy J., M. Planning (2015-17 Batch) for IMMM 2017.	2017
5	Co-authored and guided 'Infrastructure Development Plan for Kottarakkara Town' by Arathy Padmakumar, M. Planning (2015-17 Batch) for 18th NCTT 2017.	2017
6	Thiruvananthapurathintae Vastusastram, Three Day National Seminar (4-6 Dec, 2017) 'Thiruvananthapuram Charithrathil' organized by The Dept. of History, University College, Thiruvananthapuram	2017

Papers published in International Conferences

SL No	Title	Year
1	Co-authored 'The Influence of Religious Soundscapes on the Image of the City: The case of	2021

Faculty Profile

Thiruvananthapuram' with Fabya Thaila Chandy Mohammed & Prof. Anurup K., for 'SPACE International Conferences–July 2021, on Architecture Building and Construction& on Architecture and Education & on Sustainable Architecture Planning and Urban design & on Refugee Crisis and Urbanism & on Gender Space and Architecture & on City Planning and Urban Design & on Cities Architecture and Cinema, 9-10 July 2021.

Books Published

SL No	Title	Coauthors
1	The Kings Craftsmen	None
2	Authored a chapter 'The Story of a Velvet Cap', for the book 'Sree Chithira Tirunal: Life and Times'	Uma S Maheswar

Consultancy Details

SL No	Consultancy	Year
1	Preparation of Brochures/Handouts for Public Awareness on Development Controls in the Heritage Zones of Fort Area, Thiruvananthapuram for Department of Town and Country Planning – Undertaken by Department of Architecture, College of Engineering Trivandrum, through Centre for Industrial Training Consultancy and Sponsored Research (ITC&SR) of CET.	2017

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Bridging the gaps in Structural Conservation – Philosophy and Practice of Conservation of Built Heritage	09-15 July, 2015
2	Effective Teaching Methodologies in Engineering Education	17-22, October 2015
3	Transformative Pedagogy in Architecture	23-25 November, 2015
4	Regional faculty Induction Programme	19-23 January, 2016
5	Epistemological Paradigms of Vastu Tradition & Practice	04-06 February, 2016
6	An Impetus to Landscape Realm	01-06 December, 2016
7	Cost Effective Architecture – A way of Life	22-27 February, 2017

Faculty Profile

8	Training Programme for Staff Advisors	15 September, 20
9	Sustainable Architecture- beyond the rhetoric, DTE sponsored short term training programme	18-20 December,
10	One Day Workshop on OBE (Outcome Based Education)	05-07-2019
11	Institutional Level training on Moodle Learning Management System	July 29, 30, 31 – /

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Transformative Pedagogy in Architecture	2016, Directorate of Thiruvananthapur

Positions Held

SL No	Details	Period
1	Member Secretary, Selection Committee, Sree Padmanabha Swamy Temple, Thiruvananthapuram.	2017-19
2	Member, Conservation Committee, Sree Padmanabha Swamy Temple, Thiruvananthapuram	2017-19
3	Heritage Consultant for the Conservation Committee, Sree Padmanabha Swamy Temple , Restoration of Padmatheertham Temple Pond, Swadesh Darshan Scheme	2017-18
4	Member, Advisory Committee, Napier Museum, Thiruvananthapuram	2022

Expert Talks Delivered

SL No	Title	Year
1	Private Records and its Importance	2018
2	Understanding Traditional Domestic Architecture of Southern Travancore	2018
3	Traditional Kerala Architecture	2018
4	Culture - its manifestation in architecture	2017

Faculty Profile

5	Documenting Historic Records from Private Archives	2017
6	Architecture of Padmanabhapuram Palace	2017
7	Roots of Kerala Architectural Tradition	2017
8	Need for Conservation and Landscaping in Town Planning	2016
9	Revisiting Heritage	2016

269.Name **SMITHA M.V.**



Date of Birth	30-11-1978
Gender	Female
Mobile No	09746964833
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Architecture
Date of Joining in the Institution	28-04-2012
Qualification(UG)	Bachelor of Architecture (B.Arch.)
Qualification(PG)	Master of Planning (Housing)
Qualification(Ph. D)	
Total Experience in years(Teaching)	13
Total Experience in years(Industry)	5

Total Experience in 7

Area of Specialisation	Housing and Disaster Management
No.of Papers Published(National)	3
No.of Papers Published(International)	2
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	5
Professional Memberships	Council of Architecture, ISTE, ITPI

Projects Guided in Master's Level

Area of Specialisation	Planning	
University	Kerala University	
Student Name	Project Title	Year
Nesma Safir Bongsi	Formulation of Strategy for Urban Compaction in Kochi	2013
Minu Paul C.	Strategies and Guidelines for Tourism infrastructure Development -Alappuzha	2014
Thasnim M.S.	Mltigation Measures of Flash flood at Intermodal Transmit Nodes of Thampanoor and Eastfort	2014
Laxmi V.Rajasekharan	Develop a model at Ward level that promote active living in Thiruvananthapuram city'	2015
Vishnu Ravi Moorthy	Post Disaster Recovery Plan- A Case of Tsunami affected villages in Kollam District	2015
Arya A.	Assessment of Housing Intervention in Kulathupuzha Panchayat at Kollam District	2016
Aswathy S.R.	Planning strategies for IT based Developments at TechnoPark , Kundara	2017
Thara S.Nair	An approach to rationalization of bus routes along the proposed LRTS corridor: A Case of Thiruvananthapuram city	2017
Ankur Bhardhan	Container Homes: Prospects and Challenges in Indian Housing Scenario	2017

Papers published in National Journals

SL No	Title	Year
1	Journal Publication on topic "An Assessment of Public Housing Schemes in Kerala' published in the Journal of Institute of Town Planners,India (ITPI), ISSN:0537-9679,Volume :17, Number:3, July-September 2020,	2020

Papers published in National Conferences

SL No	Title	Year
1	"An Assessment of Public Housing Schemes in Kerala' in 68th National Town and Country Planners Congress at CIDCO Exhibition Centre, Navi Mumbai from 11-13 January 2020	2020

Faculty Profile	Land Use Planning'- published in National Conference Proceedings on CITIES-2050 Planning, Governance and Management, Edition:First:September 2021. Page No.295-303, published by: INSC International Publishers, Karnataka, Publication Issue:September 2021	
3	National Conference on Cities 2050 Planning, Governance and Management from 23-24 July,2021 at MNIT Jaipur in online mode on the topic: Strategies to Mitigate the Formation of Planning Void by Flyovers integrating with Intersection Area Land Use Planning'	2021
4	5th World Congress on Disaster Management(WCDM) at IIT Delhi Campus on 27th November 2021 organised jointly by the Govt.of National Territory (GNCT) of Delhi, IIT Delhi and Disaster Management Initiatives and Convergence Society (DMIC) Hyderabad in collaboration with National Disaster Management Authority (NDMA) and National Institute of Disaster Management(NIDM) on the topic : 'Mitigation of Planning Void by Flyovers through Intersection Area Planning' (Paper serial No.136) under Technical session 32: Emerging Challenges for Urban Planning	2021
5	"Exploring Post Disaster Rehabilitation Measures in Rebuilding Kerala" at the 29th Annual State Convention and National Seminar of ISTE (Indian Society for Technical Education-Kerala Section) on Rebuild Kerala:Challenges and Opportunities at Govt.Polytechnic College, Kalamassery, Ernakulam on 15th December 2018	2018

Papers published in International Conferences

SL No	Title	Year
1	International conference on 'Future is Urban' Resilience, Livability & Resource Conservation – ICFU'21 from 16th to 18th December 2021 on the topic Strategies for Storm water Management in Kozhikode Corporation area through Groundwater Recharge Technique	2021
2	3rd International conference on Interdisciplinary research -ICIR 2020 on the topic 'The Relevance of Indigenous Knowledge System in Mitigating Vulnerability to Disaster- A Case of Fishermen Community of Kerala State' in 17.07.2020	2020
3	4rth International conference on Materials, Mechanics and Management,IMMM2020 on the topic : 'An Assessment of Vulnerability of Fishermen settlements to Coastal hazards in Kerala State' in 05.03.2020	2020
4	'Development of a Settlement Pattern for Kuttanad' in the 4rth International conference on Materials, Mechanics and Management,IMMM2020 in 05.03.2020	2020
5	paper 'Assessment of Quality of Urban Parks in Kerala Context- A Case of Ernakulam' in the 4rth International conference on Materials, Mechanics and Management,IMMM2020 in 06.03.2020	2020

Books Published

SL No	Title	Coauthors
1	Evoke	CETAA

Consultancy Details

SL No	Consultancy	Year
1	1) Principal investigator for the RSM (Research Seed Money) Project under APJAKTU/CERD –on 'An Assessment of Vulnerability of Fishermen Community towards Coastal Hazards	2019-2022

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	NPTEL SWAYAM MOOC course on 'Disaster Recovery and Build Back Better'	September to Nov


Faculty Profile

2	68th National Town and Country Planners Congress on 'National Missions: Spatial Planning and Implementation Initiatives'	11-13 January 2021
3	Online course on 'Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials'	13-06-2020 to 01-07-2020
4	Online short term course on GIS and its Application in Civil Engineering	22 to 27 February 2021
5	Online Course on 'Visual Research Methods in Architecture'	18-05-2021 to 21-05-2021
6	Online course on "Services in Large Scale Buildings"	July 2 to July 4, 2021
7	Online sessions on Lets Go Digital –KSHEC-Using Moodle as a learning Management System (LMS)-training for CET faculty	29 July 2021 to 03-08-2021
8	online course in Geographic Information System(Arc GIS Pro),	1st September 2021
9	Online course on : "Advanced Training in Accessibility"	27 to 31 December 2021
10	1. Short Term Course on "Training on e-Governance Programme on Change Management"	21-02-2018 to 23-02-2018
11	Short Term Course on "Geographical Information System and Remote Sensing"	06-08-2018 to 08-08-2018

Positions Held

SL No	Details	Period
1	Remedial class (Step4U) Architecture Department Co-ordinator	2012 onwards
2	Store in Charge of Department of Architecture	June 2012 onwards
3	Staff Advisor B.Arch.(2012-2017 batch)	2012-2017
4	Staff Advisor M.Planning (Housing) 2020-2022 batch	2020-2022
5	Assistant Warden , Ladies Hostel (LH), CET	August 2021 onwards
6	CETAA Executive member	2017-2019

Faculty Profile 7	PTA Executive Committee member	2021 onwards
-----------------------------	--------------------------------	--------------

270.Name	ANURUP K	
Date of Birth	26.02.1977	
Gender	Male	
Mobile No	09400330297	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Adhoc	
Department	Architecture	
Date of Joining in the Institution	11.06.2019	
Qualification(UG)	B. ARCH	
Qualification(PG)	Master of City Planning IITKGP	
Qualification(Ph. D)		
Total Experience in years(Teaching)	16 years 5months	
Total Experience in years(Industry)	5years	
Total Experience in years(Research)	4years	
Area of Specialisation	Urban Planning	
No.of Papers Published(National)	4	
No.of Papers Published(International)	2	
No.of Papers in conferences(National)	4	
No.of Papers in conferences(International)	2	
Professional Memberships	AIIA, COA,	

271.Name	ABDUL NIZAR M	
Date of Birth	25/05/1967	
Gender	Male	

Faculty Profile	
Mobile No	9446035072
Faculty Type	PERMANENT
Designation	Professor
Department	Computer Applications
Date of Joining in the Institution	01/07/2012
Qualification(UG)	B-Tech CS
Qualification(PG)	M-TECH CS
Qualification(Ph. D)	Computer Science
Total Experience in years(Teaching)	30
Total Experience in years(Industry)	1
Total Experience in years(Research)	3
Area of Specialisation	Databases
No.of Papers Published(National)	0
No.of Papers Published(International)	3
No.of Papers in conferences(National)	5
No.of Papers in conferences(International)	10
Professional Memberships	

Papers published in National Conferences

SL No	Title	Year
1	Efficient evaluation of forward xpath axes over XML streams, COMAD 2008	2008
2	Order-Aware Twigs: A Representation for XPath Expressions with Ordered Axes	2008
3	Ordered Backward XPath Axis Processing against XML Streams, LNCS Databases and XML Technologies 2009	2009
4	A Simple and Scalable Filter for XML Streams., COMAD 2009	2009
5	Order-Aware Twigs: Adding Order Semantics to Twigs JIDM 2012	2012
6	A proposal for efficient on-line spam filtering, IEEE ICCSC 2014	2014
7	Credibility-based result verification for Map-reduce, INDICON2014	2014
8	Efficient on-line SPAM filtering for encrypted messages, SPICES 2015	2015
9	Computational Intelligence, Cyber Security and Computational Models, Springer CCSC	2016

Faculty Profile		
10	AI for Games with High Branching Factor, IEEE ICC2018	2018
11	Combining Hyperlink Structure and Content of Webpage for Personalization of Search Engine, Springer ICTIS	2018
12	CAP: A cellular automata based fuzzy classifier, Materials Today	2022

272.Name **Deepa S S**




Date of Birth	31/05/1978
Gender	Female
Mobile No	9446570286
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Computer Applications
Date of Joining in the Institution	14/09/2021
Qualification(UG)	B Tech
Qualification(PG)	M Tech
Qualification(Ph. D)	Pursuing
Total Experience in years(Teaching)	20
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	2
Area of Specialisation	Machine Learning
No.of Papers Published(National)	Nil
No.of Papers Published(International)	7
No.of Papers in conferences(National)	4
No.of Papers in conferences(International)	4

Professional

Papers published in National Conferences

SL No	Title	Year
1	A survey of Segmentation Techniques in Malayalam OCR	2014
2	Advanced Biometric ATM MACHine with Cryptography and Steganography Implementation	2014
3	Survey on QoS provisioning at MAC level Ad-hoc networks	2013
4	An Efficient JPEG versus JPEG2K Classification System For Medical Images	2016

273.Name	Sabitha S	
Date of Birth	19/04/1975	
Gender	Female	
Mobile No	9497686588	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Computer Applications	
Date of Joining in the Institution	22/07/2019	
Qualification(UG)	B.Tech Computer Science & Engg.	
Qualification(PG)	M.Tech Computer Science & Engg.	
Qualification(Ph. D)	Ph.D Computer Science	
Total Experience in years(Teaching)	22 years	
Total Experience in years(Industry)		
Total Experience in years(Research)		
Area of Specialisation	Computer Science	
No.of Papers Published(National)		
No.of Papers Published(International)	10	
No.of Papers in conferences(National)	2	
No.of Papers in conferences(International)	10	

274.Name **BABY SYLA L**



Date of Birth 10/05/1977

Gender Male

Mobile No 8547060768

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Computer Applications

Date of Joining in the Institution 2/7/2015

Qualification(UG) CSE

Qualification(PG) CSE

Qualification(Ph. D)

Total Experience in years(Teaching) 21

Total Experience in years(Industry)

Total Experience in years(Research)

Area of Specialisation

No.of Papers Published(National)

No.of Papers Published(International)

No.of Papers in conferences(National)

No.of Papers in conferences(International)

Professional Memberships

Faculty Profile

275.Name Minu R Nath



Date of Birth	15/05/1986
Gender	Female
Mobile No	9633288222
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Computer Applications
Date of Joining in the Institution	22/07/2020
Qualification(UG)	B.Tech
Qualification(PG)	M.Tech, MS
Qualification(Ph. D)	
Total Experience in years(Teaching)	5.3
Total Experience in years(Industry)	3.5
Total Experience in years(Research)	
Area of Specialisation	Computational Geometry
No.of Papers Published(National)	
No.of Papers Published(International)	1
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	CSI life member, ISTE LIFE MEMBER

Papers published in International Journals

SL No	Title	Year
-------	-------	------

Faculty Profile

Suryan (2022) Wind power resource assessment and wind-hydrogen generation potential: a case study, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, DOI: 10.1080/15567036.2022.2026537

Positions Held

SL No	Details	Period
1	Department IQAC Co-ordinator	2021-22
2	LMS Department Coordinator	2021-22

276.Name**Divya S K**

Date of Birth 27/11/1983

Gender Female

Mobile No 9447834300

Faculty Type Adhoc

Designation Assistant Professor_Adhoc

Department Computer Applications

Date of Joining in the Institution 01/08/2019

Qualification(UG) BTech

Qualification(PG) MTech

Qualification(Ph. D)

Total Experience in years(Teaching) 12 years

Total Experience in years(Industry)

Total Experience in years(Research)

Area of Specialisation

No.of Papers Published(National)

No.of Papers Published(International)

No.of Papers in

conferences(National)

Faculty Profile

No.of Papers in
conferences(International)

Professional
Memberships

277.Name **POOJA J P**



Date of Birth 08/11/1990

Gender Female

Mobile No 9995275810

Faculty Type Adhoc

Designation Assistant Professor_Adhoc

Department Computer Applications

Date of Joining in the
Institution 01/08/2019

Qualification(UG) B.TECH

Qualification(PG) M.TECH

Qualification(Ph. D)

Total Experience in
years(Teaching) 3.5

Total Experience in
years(Industry) 1

Total Experience in
years(Research)

Area of Specialisation MACHINE LEARNING, DATA MINING

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional

Projects Guided in Master's Level

Area of Specialisation	Machine Learning	
University	KTU	
Student Name	Project Title	Year
Praveen Shankar	Crop & Fertilizer Predicted	2022
Anusha Raj	BlockPitch: Blockchain based encrypted fund gathering.	2022

278.Name **PRIYA S A**



Date of Birth	11/03/1983
Gender	Female
Mobile No	9895020261
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	Computer Applications
Date of Joining in the Institution	02/11/2021
Qualification(UG)	BSc.Software Systems
Qualification(PG)	MCA
Qualification(Ph. D)	Pursuing
Total Experience in years(Teaching)	12.5 years
Total Experience in years(Industry)	6 months
Total Experience in years(Research)	
Area of Specialisation	Programming,Data Mining,Machine Learning and Deep Learning
No.of Papers Published(National)	

Published(International)

Faculty Profile

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

1

Professional
Memberships

member of Computer Society of India

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Hands-on training programme on "Android Application Development"	2022,College of E

279.Name **Sreerekha V K**



Date of Birth 31/05/1985

Gender Female

Mobile No 9745386638

Faculty Type Adhoc

Designation Assistant Professor_Adhoc

Department Computer Applications

Date of Joining in the
Institution 7/04/2021

Qualification(UG) BSc

Qualification(PG) MCA

Qualification(Ph. D)

Total Experience in
years(Teaching) 7 years

Total Experience in
years(Industry)

Total Experience in
years(Research)

Area of Specialisation

No.of Papers

Published(National)

Faculty Profile

No.of Papers

Published(International)

No.of Papers in

conferences(National)

No.of Papers in

conferences(International)

Professional

Memberships

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Hands-on training on Android Application Development	2022,College of E

280.Name **Suresh Subramoniam**



Date of Birth 25/02/1963

Gender Male

Mobile No 9496749099

Faculty Type Other

Designation Professor

Department School of Management

Date of Joining in the
Institution April 1, 2001

Qualification(UG) B Tech Mechanical Engineering

Qualification(PG) MS Industrial Engineering

Qualification(Ph. D) PhD in Management

Total Experience in
years(Teaching) 22

Total Experience in
years(Industry) 10

Total Experience in
years(Research) 16

Area of Specialisation Operations Management, MIS

Faculty Profile	
No.of Papers Published(National)	18
No.of Papers Published(International)	31
No.of Papers in conferences(National)	28
No.of Papers in conferences(International)	32
Professional Memberships	Fellow of Indian Institution of Industrial Engineering

Ph.D's Guided

Area of Specialisation	Management	
University	Kerala	
Student Name	Thesis Title	Year
Sindhu R Babu	An Information Technology tool for developing ecotourism projects in Kerala	2010
Nizarhussain M	Critical Success Factor approach to redesign Healthcare Management Information Systems in India	2015
Rajeev K S	Detailed analysis on NPA management at financial institutions in Kerala	2016
Reuban Jacob	Impact of Mobile number portability on telecom switching barriers from a customer perspective in Kerala	2019
Hareendrakumar VR	Comparative Study on the Fairness of Different Rewarding Systems for Employees and their Effect on Employee Loyalty in the Public Sector Industries	2019
Noorudeen M	An Assessment of Technical Education in Kerala from Service Quality perspective	2020
Suresh Kumar C	A Study on Multi Criteria Decision Making Process in Configuration Management	2021
Sabu R L	Page2/3 Consumer behaviour and trend patterns in consumer durable markets in Kerala.	2018

Projects Guided in Master's Level

Area of Specialisation	More than 300 Reports	
University	University of Kerala, APJ Abdul Kalam University	
Student Name	Project Title	Year
Many student	Many reports	2001-2022

Papers published in National Journals

SL No	Title	Year
1	Noorudeen M, Suresh Subramoniam and Nizar Hussain, Call for Change, Indian Management, March, Vol. 58, No. 3,	2019
2	Suresh Kumar C, Suresh Subramoniam, A mould for the future, Indian Management, July 2018, Vol. 57, No. 7,	2018
3	Hareendra Kumar VR, Suresh Subramoniam, Perfect Alignment, Indian Management, June 2018.	2018

Faculty Profile	Vol. 57, No. 6,	
4	Hareendra Kumar VR, Suresh Subramoniam, A fine blend, Indian Management, July 2017, Vol. 56, No.7,	2017
5	Reuban Jacob, Suresh Subramoniam, Picking up pace, Indian Management, September 2017, Vol. 56, No. 9,	2017
6	Rajeev KS and Suresh Subramoniam, Developing strategies for improving performance of Kerala Financial Corporation, Review of Social Sciences, Vol. XV, No. 2,	2014
7	Nizarhussain M and Suresh Subramoniam, Role of social media in modern healthcare, Infosys Lab Briefings, Vol. 11, No. 3,	2013
8	Nizarhussain M and Suresh Subramoniam, eAadhaar based universal access to Healthcare Management Systems redesign using IT driven BPR, Review of Social Sciences, Review of Social Sciences, Vol. 14, No.1,	2013
9	Suresh Subramoniam and Krishnankutty K.V, Management Intelligence Systems (MINTS); An evolutionary perspective, Published in Gyan: A Biannual Refereed Journal of Management and Technology, Chandigarh, India,	2006
10	Suresh Subramoniam, Conquering the ERP conundrum, Industrial Engineering Journal, Vol. 34, No. 10,	2005
11	Suresh Subramoniam, Business Process Reengineering through Information Technology: a pragmatic approach, Industrial Engineering Journal, Vol 34, No. 1,	2005
12	Suresh Subramoniam., Conflicts: Types, Causes and Resolution strategies, Paradigm, Journal of IMT, Ghaziabad, Vol VIII, No. 1,	2004
13	Suresh Subramoniam, Managing Business Process reengineering, Icon, Journal of Institute of Management in Kerala, University of Kerala, Vol. 1, Issue 1,	2001

Papers published in International Journals

SL No	Title	Year
1	Suresh Kumar C, Suresh Subramoniam, Sini V Pillai, Aerospace Application of AHP in Configuration Management, Accepted for publication in FIIB Business Review https://doi.org/10.1177/23197145211065088	2021
2	Ramesh Subramoniam, Erik Sundin, Suresh Subramoniam, and Donald Huisingh, Riding the digital product life cycle waves to circular economies, Journal of Sustainability, MDPI, Switzerland, Volume 13, Issue 16, August 2021, DOI: 10.3390/su13168960	2021
3	Hareendrakumar VR, Suresh Subramoniam, Bijulal Measuring Total Reward Satisfaction: Scale Development and Validation for Public Sector Employees in India, Metamorphosis, Indian Institute of Management, In Press, October 2021, DOI: 10.1177/09726225211041873	2021
4	Reuban Jacob, Suresh Subramoniam, Identifying the Critical Success Factors of Telecom Switching Barriers Using the AHP, Global Business Review, Vol 22, Issue 3, DOI: 10.1177/0972150918816897	2021
5	Srishti Babu, Hareendra Kumar VR, Suresh Subramoniam, Impact of Social Media on Work Performance at a Techno park in India', Metamorphosis: A Journal of Management Research, Journal of IIM, Lucknow, Vol. 19, issue 1, 2020, DOI: 10.1177/0972622520962949	2020
6	Hareendra Kumar VR, Suresh Subramoniam, Nizar Hussain M, Redesigning Rewards for Improved Fairness Perception and Loyalty, Vision: The Journal of Business Perspective, Vol. 24, Issue 4, 2020, Part of EID: 10.1177/0972262920946142	2020
7	Sini V Pillai, Abhilash VS, Suresh Subramoniam, Revitalizing Humanitarian Supply Chain with	2020

Faculty Profile	Disruptive Technologies, Industrial Management, September-October 2020, Vol. 62 Issue 5, p22-27, IIE, Atlanta, USA	
8	Rajeev K S and Suresh Subramoniam, Exploratory Factor analysis for the identification of dimensions which cause Non-Performing Assets in non-banking financial institutions, International Journal of Financial Management, Vol 7, No. 2 & 3	2017
9	Rajeev K S and Suresh Subramoniam, A Detailed Analysis for the Identification of Risky Sectors, Journal of Finance, Accounting and Management, 7(1), 1-11, January 2016.	2016
10	Rajeev K S and Suresh Subramoniam, NPA Management in Kerala Financial Corporation, Journal of Economic Development, Management, IT, Finance and Marketing, 7(2), 37-45, September 2015.	2015
11	Rajeev K S and Suresh Subramoniam, NPA Management in Kerala Financial Corporation, Journal of Economic Development, Management, IT, Finance and Marketing, 7(2), 37-45, September 2015.	2015
12	Sindhu R Babu and Suresh Subramoniam, Development of a Scale Journal of IT and Economic Development, 6(2), 36-59, October 2015	2015
13	Suresh Subramoniam, Dev Twinky Government Process Reengineering of an e-governance implementation for motor vehicle registration in India, Indore Management Journal, Indian Institute of Management, Indore, Volume 6, Issue 2, pp. 39-46, July- December 2014	2014
14	Vipin Kumar, K.U. and Subramoniam, S. 'Usability analysis of an Indian e-governance software', Electronic Government, An International Journal, Vol. 10, No. 2, 2013, Inderscience, UK, pp.211–DOI: 10.1504/EG.2013.052602	2013
15	Subramoniam, Ramesh, Huisingh, Donald, Chinnam, Ratna Babu, Subramoniam, Suresh, Remanufacturing Decision Making Framework (RDMF): Research Validation Using The Analytical Hierarchical Process, Paper in press for publication in Journal of Cleaner Production, Elsevier, Volume 40, February 2013DOI: 10.1016/j.jclepro.2011.09.004	2013
16	Sindhu R Babu and Suresh Subramoniam, Expert System for rating ecotourism destinations, Journal of Tourism: an International Journal, University of Mississippi, USA and Garhwal University, India, Vol. 12, No. 2, December 2011.	2011
17	Suresh Subramoniam and Saifullah Sadi, Healthcare 2.0, IT Professional, IEEE, USA, Vol. 12, No. 1, Jan-Feb, 2010DOI: 10.1109/MITP.2010.66	2010
18	Suresh Subramoniam, Ahmad Saleh Shatat, Fatema Abdallah Nizarhussain M, Mohammed Al-Balushi, Fatma Khamis Abdullah Al-Ghassani Survey Based Usability Analysis on an In-House Hospital Information System, Journal of Information Technology and Economic Development, USA, Vol 1, No 1, October 2010.	2010
19	Suresh Subramoniam, Salim Ali Nasser Al-Essai, Ahmed Abdullah Mohammed Al-Marashadi & Ali Mohammed Ali Al-Kindi, SWOT Analysis on Oman Tourism: A Case Study, Journal of Economic Development, Management, IT, Finance and Marketing, 2(2), USA, 1-22, September 2010.	2010
20	Suresh Subramoniam and Sindhu R Babu, Mass customizing the tourism sector in Kerala, International Journal of Leisure and Tourism Marketing, Inderscience, UK, Vol. 1, No. 4, 2010DOI: 10.1504/ijltm.2010.032066	2010
21	Sindhu R Babu and Suresh Subramoniam, Strategies for developing sustainable ecotourism in Kerala, International Journal of Global Business, USA, Vol. 2, No. 2, 2009.	2009
22	Sindhu R Babu and Suresh Subramoniam, Making ecotourism greener and more energy responsible in Kerala, International Journal of Tourism and Travel, Indian Institute of Tourism and Travel Management, Vol. 2, No. 1, 2009.	2009
23	Suresh Subramoniam, Mohamad Tounsi and Krishnankutty K V, Role of BPR in the implementation of ERP systems, Business Process Management Journal, Emerald, UK. Vol. 15, No. 5, 2009DOI: 10.1108/14637150910987892	2009
24	Suresh Subramoniam and Mohamad Tounsi, An Object Oriented intelligent tool for ERP systems,	2009

Faculty Profile	Business Process Management Journal, Emerald, UK, Vol 15, No. 1, 2009DOI: 10.1108/14637150910931497	
25	Ramesh Subramoniam, Suresh Subramoniam, Don Huisinh and Krishnankutty K V, Mass customization: A key driver for emerging automotive aftermarket business model, International Journal of Global Business, USA, Volume 1, Number 1, December, 2008	2008
26	Suresh Subramoniam, Commanding the Internet era: Technology defines new industrial engineering, Industrial Engineer, Institute of Industrial Engineering, Atlanta, USA, Vol. 40, No. 10, October, EID: 2-s2.0-55949094695	2008
27	Suresh Subramoniam, Mohamad Tounsi and Krishnankutty, K V., "Development of intelligent agent prototype for mutual fund investment", International Journal of Electronic Finance, Inderscience, UK, Vol. 2, No. 3, 2008.DOI: 10.1504/ijef.2008.020599	2008
28	Suresh Subramoniam and Krishnankutty KV, Fuzzy logic approach to static inventory problems under risk, Applied Computing and Informatics, Saudi Computer Journal, Vol. 6, No. 2, 2008.	2008
29	Suresh Subramoniam, Shehzad Ghani and Krishnankutty KV, Current trends in enterprise information system, Applied Computing and Informatics, Saudi Computer Journal, Volume 5, Issue 2, 2006, pp 33-46.	2006
30	Suresh Subramoniam and Krishnankutty, K V (2005) . EDSIM: Expert Database System for Inventory Management, Kybernetes, International Journal of Systems & Cybernetics, Emerald, UK, Vol. 34, No. 5, pp. 721- 733DOI: 10.1108/03684920510595409	2005
31	Suresh Subramoniam and Krishnankutty, K V (2002). An expert system for the selection of strategic planning technique, Kybernetes, International Journal of Systems & Cybernetics, Emerald, UK, Vol. 31, No. 3 / 4, pp.550-560 DOI: 10.1108/03684920210422629	2002

Papers published in National Conferences

SL No	Title	Year
1	Suresh Kumar C and Suresh Subramoniam, Configuration Management decision making using AHP, 11th ISDSI International Conference, IIM, Trichy, December 27-30, 2017.	2017
2	Jayan PK and Suresh Subramoniam, Ranking of critical success factors in technology transfer using AHP, 11th ISDSI International Conference, IIM, Trichy, December 27-30, 2017.	2017
3	Reuban Jacob and Suresh Subramoniam, Switching Pattern among Mobile Service Subscribers, Proceedings of the IIM Indore NASMEI Summer Marketing Conference, July 27-29, 2017.	2017
4	Vaisakh S Babu, Abilash Daniel George, Suresh Subramoniam, Information as the Fifth factor of Production, IIIE-CET-GECWYD- POMS (USA) International Conference on Best Practices in Supply chain Management at Hotel Apollo Dimora, Trivandrum during December 22-23, 2016.	2016
5	Sindhu R Babu, Suresh Subramoniam, A need towards Mass Customerizing Kerala Tourism, IIIE-CET-GECWYD-POMS (USA) International Conference on Best Practices in Supply chain Management at Hotel Apollo Dimora, Trivandrum during December 22-23, 2016.	2016
6	Suresh Kumar C and Suresh Subramoniam, Configuration Management: a life cycle approach, IIIE-CET-GECWYD-POMS (USA) International Conference on Best Practices in Supply chain Management at Hotel Apollo Dimora, Trivandrum during December 22-23, 2016.	2016
7	Hareendrakumar VR and Suresh Subramoniam, Impact of rewards on employee behavior, IIIE-CET-GECWYD-POMS (USA) International Conference on Best Practices in Supply chain Management at Hotel Apollo Dimora, Trivandrum during December 22-23, 2016.	2016
8	Jayan P K, Suresh Subramoniam, A literature review on technology transfer, IIIE-CET-GECWYD-POMS (USA) International Conference on Best Practices in Supply chain Management at Hotel Apollo Dimora, Trivandrum during December 22-23, 2016.	2016
9	Noorudeen M, Suresh Subramoniam, Review on Quality Dimensions Using in Higher Technical	2016

Faculty Profile	Educational Institutes For Assessing service quality, IIIE-CET-GECWYD-POMS (USA) International Conference on Best Practices in Supply chain Management at Hotel Apollo Dimora, Trivandrum during December 22-23, 2016.	
10	Rajeev K S and Suresh Subramoniam, Performance analysis of state financial corporations in South India: A CAMEL based analysis AIB India 2016 Conference, IIM Indore, April 21 - 23, 2016	2016
11	Rajeev K S and Suresh Subramoniam, Exploratory factor analysis for the identification of dimensions which cause Non Performing assets in a non banking financial institution in Kerala AIB India 2016 Conference, IIM Indore, April 21 - 23,	2016
12	Jerry MR Paul Suresh Subramoniam, review on assessment of e-government service quality, Third Pan-IIM World Management Conference, Indian Institute of Management, Indore, December 16-18, 2015.	2015
13	Sindhu R Babu, Suresh Subramoniam and Mahadevan P, Integrated Technology Adoption Model for Sustainable Tourism in Kerala, 57th National Convention of Indian Institution of Industrial Engineering and 3rd International Conference on Industrial Engineering (ICIE 2015), SVNIT, Surat, India , November 26-28, 2015.	2015
14	Suresh Kumar C and Suresh Subramoniam, Conquering the configuration Management Conundrum, 12th AIMS International Conference, Kozhikode January 2-5, 2015	2015
15	Nima Tankarami Nejad, and Suresh Subramoniam, Rank correlation study on tourism websites, 12th AIMS International Conference on Management, IIM, Kozhikode, January 2-5, 2015.	2015
16	Suresh Subramoniam and Dev Twinky, Government Process Reengineering of an e-governance implementation for motor vehicle registration in India, International Conference on Information Systems Research and Teaching, IIM, Indore, December 22-23, 2014.	2014
17	Sindhu R Babu, Nima Tankarami Nejad, and Suresh Subramoniam, Emerging Trends in E-Tourism- EmTET, UGC National Seminar, Govinda Pai Memorial Government College, Manjeshwar, Kerala, 29-30 September 2014.	2014
18	Rajeev K S and Suresh Subramoniam, Analysis on causes and prevention of NPA for improving productivity of financial institutions, National Conference on Industrial Engineering and Technology Management (NCIEM-2014), October 29 - 31st 2014 , NITIE, Bombay.	2014
19	Nizarhussain M and Suresh Subramoniam, Ranking Critical Success Factors of Healthcare Management Information Systems using AHP, International Symposium of the Analytic Hierarchy Process, Washington D.C., U.S.A, June 29-July 2, 2014.	2014
20	Suresh Subramoniam, Krishnankutty K V and Gopalakrishnan Nair K, Higher Education in India at cross roads, National Seminar on "New Paradigms in Technical Teacher Training: Motivate, Challenge, Innovate", Indian Society for Technical Education Kerala Chapter, Government Engineering College, Trichur, October 6, 2013.	2013
21	Nizarhussain M and Suresh Subramoniam, Intelligent RFID based system for pharmaceutical supply chain, 55th National Convention of the Indian Institution of Engineering and International Conference on "Managing supply Chain for global competitiveness, Shri Ramdeobaba College of Engineering and Management, Nagpur, October 25-26, 2013.	2013
22	Suresh Subramoniam, Krishnankutty K V and Gopalakrishnan Nair K, Focus on India from Global Competitiveness perspective, 17th CEOs Conference, Indian Institution of Industrial Engineering, Hotel Radisson Blu, Amritsar, June 21-23, 2013.	2013
23	Pramodh George, Suresh Subramoniam and K.V. Krishnankutty, Web-based realtime DSS for cement supply chain and logistics, IEEE International Conference on Green Technologies, Mar Baselious College of Engineering and Technology, Trivandrum, December 18-20, 2012.	2012
24	Shaan Radhakrishnan, and Suresh Subramoniam, Greening the automotive reverse supply chain, IEEE International Conference on Green Technologies, Mar Baselious College of Engineering and Technology, Trivandrum, December 18-20, 2012.	2012
25	Nizar Hussain, M and Suresh Subramoniam, Greener Healthcare using ICT based BPR, IEEE	2012

Faculty Profile	International Conference on Green Technologies, Mar Baselious College of Engineering and Technology, Trivandrum, December 18-20, 2012.	
26	Suresh Subramoniam, K. V. Krishnankutty, K. Gopalakrishnan Nair and Ravi Chinta, Do Business Process Management and Six Sigma complement each other?, International Conference on Industrial Engineering (ICIE-2011), S.V. National Institute of Technology, Surat, India, November 17-19, 2011.	2011
27	Suresh Subramoniam, Nizar Hussain M, Krishnankutty KV and Gopalakrishnan Nair, K, Job preferences among students of a college in Saudi Arabia. Proceedings of the International Conference on Mechanics, Materials and Management, College of Engineering, Trivandrum, January 14-16, 2010.	2010
28	Sindhu R Babu, Suresh Subramoniam, Ravi Chinta and Krishnankutty KV, An exploratory study on Kerala ecotourism website. Proceedings of the Seventh AIMS International Conference at Indian Institute of Management at Bangalore during December 20-23, 2009.	2009
29	Sindhu R Babu and Suresh Subramoniam, Developing strategies for sustainable ecotourism in Kerala, Proceedings of the International Conference on Tourism, Indian Institute of Management, Lucknow, April 8-10, 2009.	2009
30	Suresh Subramoniam, Nizar Hussain M, Krishnankutty K V and Gopalakrishnan Nair K, Is remanufacturing a solution for the growing energy crisis?, Proceedings of the Golden Jubilee Convention of the Indian Institution of Industrial Engineering and International Seminar, Training and Development Centre, Vizakapatnam Steel Plant, Andhra Pradesh during January 16- 18, 2009.	2009
31	Sindhu R Babu and Suresh Subramoniam, Guidelines for energy conservation in ecotourism sector in Kerala, Proceedings of the Golden Jubilee Convention of the Indian Institution of Industrial Engineering and International Seminar, Training and Development Centre, Vizakapatnam Steel Plant, Andhra Pradesh during January 16-18, 2009.	2009
32	Sindhu R Babu, Suresh Subramoniam and Krishnankutty K V, Design and development of an expert system for rating ecotourism destinations, Proceedings of the Conference on Tourism in India: Challenges ahead, Jointly organized by IIM, Kozhikode and IIM, Lucknow, Indian Institute of Management, Kozhikode, May 15- 17, 2008. www.iimk.ac.in	2008
33	Sindhu R Babu, Suresh Subramoniam and Krishnankutty K V, TravelRouter: an intelligent routing module for the tourism web portal, Proceedings of the Conference on Tourism in India: Challenges ahead, Jointly organized by IIM, Kozhikode and IIM, Lucknow, Indian Institute of Management, Kozhikode, May 15- 17, 2008. www.iimk.ac.in	2008
34	Suresh Subramoniam, Nizar Hussain M, Krishnankutty K V and Gopalakrishnan Nair K, ERP II: Next generation ERP, 49th National Convention of Indian Institution of Industrial Engineering, Mascot Hotel, Trivandrum during October 12-14, 2007.	2007
35	Nizar Hussain M and Suresh Subramoniam, Electronic Supply Chain Management: Some of the latest issues and practices, 49th National Convention of Indian Institution of Industrial Engineering, Mascot Hotel, Trivandrum during October 12-14, 2007.	2007
36	Sindhu R Babu and Suresh Subramoniam, Kerala Tourism website: an analysis, 49th National Convention of Indian Institution of Industrial Engineering, Mascot Hotel, Trivandrum during October 12-14, 2007.	2007
37	Sindhu R Babu and Suresh Subramoniam, TouristAdvisor: A web intelligent system for Kerala Tourism, International Conference on Innovation in Tourism, Indian Institute of Tourism and Travel, Bhubaneswar, December 20-22, 2007.	2007
38	Sindhu R Babu and Suresh Subramoniam, Ecotourism: An evolutionary trend, Proceedings of the National Seminar on Issues and Trends in Ecotourism in India, Organized by Kerala Institute of Travel and Tourism Studies, Trivandrum, January 6- 7, 2006.	2006
39	Suresh Subramoniam and Krishnankutty, K V., Reengineering expert database systems using O-O	2006

Faculty Profile	Paradigm, Third AIMS International Conference on Management, Indian Institute of Management, Ahmedabad, January 1-4, 2006.	
40	Suresh Subramoniam, Krishnankutty, K V., and Gopalakrishnan Nair, K., Genetic Algorithm and strategic decision making using Evolver: A tool based approach, Sixth International Conference on Operations and Quantitative Management (ICOQM-VI), Indian Institute of Management, Indore, August 9-11, 2005.	2005
41	Suresh Subramoniam, Krishnankutty, K V., and Gopalakrishnan Nair, K., Transition from Function Oriented to Process Oriented Thinking: Profile Change in Industrial Engineering Profession in the Internet Era, 47th National Convention of Indian Institution of Industrial Engineers, Le Meridian, Pune, November 11-13, 2005.	2005
42	Suresh Subramoniam, Krishnankutty, K V., and Gopalakrishnan Nair, K., Reengineering Knowledge Management Systems, 7th CEOs Conference, Indian Institution of Industrial Engineering, Ramoji Film City, Hyderabad, May 2004.	2004
43	Suresh Subramoniam and Krishnankutty, K V., Web-based vagueness handling in investment decisions using fuzzy logic, Sixth International Conference on Information Technology, Bhubhaneswar, December 22-25, 2003.	2003
44	Suresh Subramoniam and Krishnankutty, K V., Evolutionary trend analysis on Enterprise Resource Planning (ERP) systems based on survey results, Sixth International Conference on Information Technology, Bhubhaneswar, December 22-25, 2003.	2003
45	Suresh Subramoniam, Krishnankutty, K V., and Gopalakrishnan Nair, K., Process Redesign using IT for improving value addition in New Industrial Engineering, XXXVth National Convention of Indian Institution of Industrial Engineers, Vizakhapatnam, December 12-14, 2003.	2003
46	Anil Kumar S., Suresh Subramoniam, and Manoj Kumar R., Spare Parts inventory management for a tyre manufacturing unit, Proceedings of the National Seminar on Interactive Integrated Technological Advancements and Recent Trends (IITART), Vol. III, Organized by College of Engineering, Trivandrum, July 5-6, 2002.	2002
47	Suresh Subramoniam and Krishnankutty, K V., Business Process Reengineering through Expert Database System application in Business information systems, International Conference on Logistics & Supply Chain Management at PSG Tech, Coimbatore, August 2001.	2001

Papers published in International Conferences

SL No	Title	Year
1	Nizarhussain M Suresh Subramoniam, Confirmatory factor analysis on Critical Success Factors of Healthcare Information Systems in India, Twenty Seventh Annual Conference of Production and Operation Management Society (POMS) Confirmatory Factor Conference, May 6-8, 2016, Orlando, Florida, USA.	2016
2	Rajeev K S and Suresh Subramoniam, A Detailed Analysis for the Identification of Risky Sectors, Eighth International Conference IBAHCEE, Hilton Garden Inn, Hollywood, California, December 27-28, 2015.	2015
3	Rajeev K S and Suresh Subramoniam, NPA Management in Kerala Financial Corporation, Eighth International Conference IBAHCEE, Hilton Garden Inn, Hollywood, California, December 27-28, 2015.	2015
4	Sindhu R Babu Suresh Subramoniam, Development of a Scale Eighth International Conference IBAHCEE, Hilton Garden Inn, Hollywood, California, December 27-28, 2015.	2015
5	Rajeev K S and Suresh Subramoniam, Markov Chain applied for the prediction of Non Performing Assets in a Non-Banking Financial Institution, Fifth International Conference on Industrial Engineering and Operations Management, IEOM 2015, March 3-5, 2015, Hyatt Regency, Dubai.	2015
6	Nizarhussain M and Suresh Subramoniam, Ranking Critical Success Factors of Healthcare	2014

Faculty Profile	Management Information Systems using AHP, International Symposium of the Analytic Hierarchy Process, Washington D.C., U.S.A, June 29-July 2, 2014.	
7	Subramoniam, Ramesh, Huisingh, Donald, Chinnam, Ratna Babu, Subramoniam, Suresh, Hampshire, Frank, Remanufacturing decision making process (RDMP) framework: research validation, The European Roundtable on Sustainable Consumption and Production - Environmental Management for Sustainable Universities ERSCP-EMSU 2010, Delft University, Netherlands, October 26-28, 2010.	2010
8	Ramesh Subramoniam, Suresh Subramoniam, Don Huisingh and Krishnankutty K V, Modified Aftermarket Business model: An emerging approach to mass customization for the automotive industry, Proceedings of the First International Business Conference IBC 2008 at Hyatt regency, Detroit, Michigan, August 7-9, 2008. http://gsmi-usa.com	2008
9	Waikar, A., Lee, K., Aghazadeh, F. and Subramoniam, S., Subjective and Biochemical Evaluation of Lifting Tasks. In: Proceedings of the Human Factors Society 32nd Annual Meeting, HFES 32nd Annual Meeting, Anaheim Hilton Hotel, Anaheim, California, October 24-28, 1988, pp. 683-686.	1988

Books Published

SL No	Title	Coauthors
1	Technology Enabled Work System Design, Proceedings of the 16th Conference on Humanizing Work and Work Environment 2018	Bijulal D, Regikun Subramoniam, Ra Khazode
2	Professional Ethics	Sindhu R Babu, N Hareendrakumar Subramoniam,
3	Book of Abstracts of the 16th Conference on Humanizing Work and Work Environment 2018	Bijulal D, Sini V Pi Suresh Subramor
4	A multi-criteria approach for job preferences	Suresh Subramor Krishnankutty K V

Consultancy Details

SL No	Consultancy	Year
1	Training Need Analysis of Special Purpose Vehicles of the State by Kerala Industrial Infrastructure Fund Board, September 2019- Ongoing	2019
2	"Work Study at SCOLE, Kerala" under the Department of General Education, Kerala during September 2018.	2018

Awards Received

SL No	Title	Organisation
1	Dr. JM Mahajan Award	Indian Institution c 2020
2	Albert Nelson Marquis Lifetime Achievement Award	Marquis Whos Wh
3	Dewang Mehta National Education Leadership Award, Jan 20, 2018	Dewang Mehta Fc
4	Fellow of the Indian Institution of Industrial Engineering, 2008	Indian Institution c
5	Under my Leadership as Professor & Director, CET School of Management, the School received Award for Excellence in Management Education in 2021	Indywoods, Aries
6	Under my Leadership as Chairman, Trivandrum Chapter of Indian Institution of Industrial	Indian Institution c

Faculty Profile	Engineering awarded Best Chapter Award in 2015	
7	Under my Leadership as Chairman, Trivandrum Chapter of Indian Institution of Industrial Engineering awarded Best Chapter Award in 2016.	Indian Institution c
8	During my term as Secretary at Trivandrum Chapter of Indian Institution of Industrial Engineering, awarded Best Chapter Award in 2004	Indian Institution c

Positions Held

SL No	Details	Period
1	Professor and Director CET School of Management	19.8.2017 till date
2	Scientist/Engineer ISRO	Jan 1990 to Dec 1
3	Assistant Professor(Revised), CET School of Management since 2001 April, College of Engineering, Trivandrum	April 2001 to Feb
4	Assistant Professor, College of Business, Prince Sultan University Riyadh	Feb 2006 to Aug :
5	Associate Professor, Faculty of Business, Sohar University	Sept 2009 to Sep
6	Associate Professor (Mech Engg), Government Engineering College, Wayanad	Aug 2016 to Aug :
7	Assistant Professor (Revised) Mech Engg, Govt Engg College Trichur	Dec 1999 to Octol
8	Assistant Professor (Revised) (Mech Engg), Government Engineering College, Trivandrum	October 2000 to A
9	Associate Professor CET School of Management, College of Engineering	Jul 2011 to Jul 20

281.Name Dr. Jnaneswar K



Date of Birth	20/05/1978
Gender	Male
Mobile No	9446480863
Faculty Type	PERMANENT
Designation	Associate Professor
Department	School of Management
Date of Joining in the Institution	1/11/2017
Qualification(UG)	BCom
Qualification(PG)	MBA
Qualification(Ph. D)	Ph D (Management)

Total Experience in 15.6

Total Experience in years(Industry)	5.5
Total Experience in years(Research)	
Area of Specialisation	Human Resource Management, Organizational Behaviour and Strategy
No.of Papers Published(National)	21
No.of Papers Published(International)	6
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	5
Professional Memberships	Life member, NIPM and Life Member, ISTD

Papers published in National Journals

SL No	Title	Year
1	A Study on Logistics Service Providers and Their Impact on Customers, Asian Basic and Applied Research Journal, 14-23	2021
2	Application of Big Data Analytics in Supply Chain Management to Mitigate Pandemic Risk, Asian Journal of Economics, Finance and Management, 26-32	2021
3	Influencer Marketing: An Analysis to Current World of Gen Z and Pre-Gen Alpha, Asian Basic and Applied Research Journal, 28-39	2021
4	Implementation of Six Sigma in Finance Sector and Impact on Operational Efficiency Asian Basic and Applied Research Journal, 11-18	2021
5	Casual Analysis and Interpretation of the Trend of NPA Levels and Profitability: A Study on Top 5 Public Sector and 5 Private Sector Banks in India, Asian Journal of Economics, Finance and Management, 1-16	2021
6	The Impact of Capital Structure on the Financial Performance of Hotel Industry and Automobile Industry, Asian Journal of Economics, Finance and Management, 21-31	2021
7	Management of Gig Employees: Empirical evidence from India, Gitam Journal of Management, 18 (3)	2020
8	Impact of Employee Engagement on Organizational Citizenship Behaviour: Evidence from Indian Retail Industry, The Indian Journal of Industrial Relations, 55 (3), 460-475	2020
9	Predictive Power of Emotional Intelligence on Job Satisfaction: A Study Amongst Nurses, Review of Professional Management, 17 (2), 1-9	2019
10	Combined Impact of Knowledge Management and Total Quality Management on Innovation Performance: Insights from Indian IT Industry, International Journal of Recent Technology and Engineering (IJRTE), 8 (4), 5664-5669	2019
11	Can Work Engagement and Job Satisfaction Predict Employee Innovation? Case of Indian Telecom Employees. Prabandhan: Indian Journal of Management, 12 (10), 7-19.	2019
12	Is Quality of Work Life a Predictor of Organizational Commitment? Empirical Evidence from	2019

Faculty Profile	Healthcare Industry. Asian Journal of Management, 10(3), 255-262.	
13	Influence of Organizational Climate on Employee Turnover Intention in Information Technology Industry in Kerala", SUMEDHA Journal of Management, 8 (2), 33-46	2019
14	"Relationship of demographics on entrepreneurial orientation, a study among university students", SS International Journal of Economics and Management, 9 (3), 60-76	2019
15	"Is Employee Wellness Industry Specific? A Comparative Study Between Public Sector and Information Technology Industries", Gitam Journal of Management, 14 (4), 98-108.	2016
16	A study on the level of Quality of Work Life experienced by the Employees of Public Sector Units in Kerala, The Journal of Institute of Public Enterprise, 39 (1&2), 51-61	2016
17	Relationship between Work Life Balance, Turnover Intention and Organizational support for Work life balance: A study in the IT Industry in Kerala, Prabandhan: Indian Journal of Management, 9(5), 33-44	2016
18	Relationship between Thinking Pattern and Creativity among Post Graduate Business Students, Review of Social Sciences, IV (2), July- Dec 2014.	2014
19	A study on the Academic dishonesty, Anomia and Unethical Behaviour among Business Graduates, The Journal Contemporary Management Research, 8 (2), 57-72.	2013
20	Talent Management: A Strategy towards Organizational Excellence, Review of Social Sciences, XII(2), 68-77.	2012
21	A Study on Talent Management Interventions, Management Innovator, 3(1), 37-51.	2010

Papers published in International Journals

SL No	Title	Year
1	Workplace spirituality, self-compassion and mindfulness as antecedents of employee mental wellbeing, South Asian Journal of Business Studies, Vol. ahead-of-print No. ahead-of-print. https://doi.org/10.1108/SAJBS-07-2020-0258	2021
2	"Organisational justice and innovative behaviour: Is knowledge sharing a mediator?", Industrial and Commercial Training, Vol. 53 No. 1, 2021, pp. 77-91. ISSN 0019-7858	2021
3	A study on the relationship between workplace spirituality, mental wellbeing and mindfulness, Management Science Letters, 2021, Vol. 11 No. 3, pp. 1045-105	2021
4	Effect of transformational leadership on job performance: testing the mediating role of corporate social responsibility. Journal of Advances in Management Research 2020 Vol. 17 No, 5, pp. 605-625. ISSN: 0972-7981	2020
5) Case Analysis 1: How Icarus Paradox Doomed Kingfisher Airlines, Vision, 24 (1), 125-127	2020
6	Exploring the Cyber Threat Landscape and Cyber Crisis Management Model, International Journal of Science and Research 5 (8)	2016

Papers published in National Conferences

SL No	Title	Year
1	A study on the level of stress experienced by the MBA participants in Kerala, Full paper published in the proceedings of 2nd TIM Research conference on trends in Innovation & Intellectual Property Management	2016

Papers published in International Conferences

SL No	Title	Year
-------	-------	------

Faculty Profile		
1	The Relationship between Anomia and Work values: A study among Business Graduates, Full paper published in the proceedings of the International Conference on Research and Sustainable Business, Indian Institute of Technology Roorkee, Mar 08-09, 2014	2014
2	Demystifying Talent Management in IT Industry in Kerala, Full paper published in the proceedings of the International Conference on Research and Sustainable Business, Indian Institute of Technology Roorkee, Mar 08-09, 2014	2014
3	Exploring Talent Management in IT Industry in Kerala, Full paper published in the proceedings of the Twelfth AIMS International Conference on Management organized by Indian Institute of Management Kozhikode, Jan 2-5, 2015	2015
4	Employee satisfaction towards WPM, Full paper published in the proceedings of International conference on HRD, Prospects and challenges for Human Capital, March 21-22, 2018, organized by CUSAT	2018
5	A study on the level of stress experienced by Post graduate students in Kerala, Full paper published in the proceedings of International conference on HRD, Prospects and challenges for Human Capital, March 21-22, 2018, organized by CUSAT	2018

Consultancy Details

SL No	Consultancy	Year
1	Prepared an "Elementary Strategic Plan (2016-2021) for TKM College of Engineering. This was prepared for getting fund from TEQIP Phase III.	2017
2	Research on the topic "A study on the Relationship between Entrepreneurial orientation and certain Behavioural attributes of Professional college students of Kerala", Indian Council of Social Sciences Research (ICSSR), Ministry of HRD, Government of India	2014

Awards Received

SL No	Title	Organisation
1	Certificate of Accredited Management Teacher (AMT)	All India Managen
2	"Senior Educator and Scholar	National Foundati Development

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	FDP on Business Analytics	2019,APJ Abdul k University
2	Faculty Development Program on "Introduction to R	2015,TKM Institut
3	Faculty Development Program on "Structural Equation Modeling using SPSS AMOS"	2016,TKM Institut


Positions Held

SL No	Details	Period
1	Marketing Executive	1/6/1999-31/5/200
2	Program support executive	17/4/06-14/9/06
3	Lecturer	15/9/06 to 31/3/09
4	Senior Lecturer	1/4/09-31/3/2011

Faculty Profile		
5	Assistant Professor	1/4/2011-31/3/201
6	Associate Professor	1/4/2015-ongoing

Expert Talks Delivered

SL No	Title	Year
1	“Research areas in HRM” at the one day Seminar on Research Demanding Sectors in Kerala: A PEST Approach organized by Kerala Academy of Social Science on 27th Oct, 2019.	2019
2	Delivered a lecture on “Leadership skills and Professional Ethics” at College of Engineering, Perumon on 6th Dec 2018	2018
3	Chaired a session in the TIM-Research Conference 2016 jointly organized by Kerala State Council for Science, Technology and Environment and TKM Institute of Management	2016
4	Presented the topic titled “Talent Management Interventions in the IT sector” at 3rd National HR Conclave 2016 organized by TKM Institute of Management, Kollam on 6th Aug, 2016	2016
5	Chaired a session at Twelfth AIMS International Conference on Management, Indian Institute of Management, Kozhikode, Jan 2-5, 2015	2015

282.Name	Dr. Sini V Pillai	
Date of Birth	12/05/1982	
Gender	Female	
Mobile No	09846569727	
Faculty Type	Other	
Designation	Assistant Professor_Regular	
Department	School of Management	
Date of Joining in the Institution	1/01/2021	
Qualification(UG)	BTech	
Qualification(PG)	MBA	
Qualification(Ph. D)	Management	
Total Experience in years(Teaching)	13	

Total Experience in 1

Faculty Profile

Total Experience in years(Industry)	3
Area of Specialisation	Operations
No.of Papers Published(National)	40
No.of Papers Published(International)	2
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	2
Professional Memberships	Senior member IIIE, Life member ISTE

Papers published in National Journals

SL No	Title	Year
1	Suresh Kumar C., Sini V. Pillai, Suresh Subramoniam, Application of AHP in Aerospace Configuration Management- FIIB Business Review, DOI: 10.1177/23197145211065088, Sage Publishing, Scopus, ABDC. https://doi.org/10.1177%2F23197145211065088 Online 19 Dec 2021	2021
2	Arunnima BS, Bijulal D, Sudhir Kumar, Sini V. Pillai, Innovation Maturity-Scape: A Balanced Scorecard Approach to Measuring Innovation, Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition) ISSN : 1671-5497 Vol: 40 Issue: 11-November 2021	2021
3	Sini V. Pillai and Ranjith S. Kumar, Published online by Springer -The Role of Data-driven Artificial Intelligence on Covid-19 Disease Management in Public Sphere - A Review, Decision- Indian Institute of Management (IIM) Calcutta- DOI 10.1007/s40622-021-00289-3 http://link.springer.com/article/10.1007/s40622-021-00289-3	2021
4	Sini V. Pillai, A novel uni-directional flow circular facility layout for effective social distancing, Vision- The Journal of Business Perspective (VIS), Published online Feb17, 2021. Sage Journals, ABDC, ESCI, and Scopus Indexed, https://doi.org/10.1177%2F0972262920984855	2021
5	Sini V. Pillai and S. Jayadev S, Unidirectional Circular Movement A healthier way to Hospital Administration for Effectual Patient Care in Review of Professional Management– A Journal of New Delhi Institute of Management.	2021
6	Sini V. Pillai and S. Jayadev, The mediating role of Corporate Social responsibility: Exploring determinants and Indicators in driving the Performance constructs, IITM journal of Management & IT, Volume 12, Issue 2, 2021.	2021
7	Nikhil Nair, Lijin Lal and Sini V. Pillai, Feasibility and Adoption of Electric Two-Wheeler Mobility Sharing Service, Asian Journal of Management, Vol.:12, Issue: 04, October - December, 2021	2021
8	Reshma R and Sini V. Pillai, Upshot of COVID 19 on employee work stress, Journal of Strategic Human Resource Management, Volume12 (4) Oct-Dec 2021, pp 13-18 ISSN 0976-495X	2021

Papers published in National Conferences

SL No	Title	Year
1	Balanced Scorecard Approach to measuring Innovations at the Eighteenth AIMS International	2021

Faculty Profile	Conference on Management (AIMS-18) (video prtsn) organized by AIMS International and Jaipuria Institute of Management, Indore on 4-6 March 2021	
2	Student Small Satellite Design and Development in India: A review in the 2nd National Conference on Small Satellite Technology and Applications (NCSSTA 2020) on Dec 11-12, 2020.	2020
3	Borderless Enterprise through ERP III- Shift towards an integrated data driven environment" in the 11th ISDI International Conference, Dec 28-30, 2017 at IIM Tiruchirapalli	2017
4	Influence of CSR on the performance indicators of IT sector- at the International Conference entitled "Financial Inclusivity for Corporate Social Responsibility for Sustainable Development" held on 5th September Organized by School of Commerce and Economics, KIIT-DU, Bhubaneswar.	2021
5	Investigation on Post Covid key employability attributes for new entrants in India, in the 31st Annual State Faculty Convention of ISTE Kerala Section on "Opportunities and Challenges in Technical Education in the Post COVID Scenario" on 23rd January 2021. Track- Technical Education in the Post-Covid Scenario	2021
6	Software Quality through effectual Requirements Management Process: A study at Software Development companies of Technopark Trivandrum" in the national seminar on the Recent Trends in Commerce and Management Studies on 23rd April 2016 conducted by Institute of Management Development and Research (IMDR).	2016
7	System dynamics modeling for recuperating software quality" at the 12th AIMS International Conference on Management at IIM Kozhikode during 2-5 January 2015	2015

Papers published in International Conferences

SL No	Title	Year
1	Developing a conceptual framework of Sixsigma critical success factors in software development companies wrt Technopark Trivandrum", in the Proceedings of the 31st IBIMA Conference ISBN 978-0-9998551-0-2 25-26, April 2018, Milan Italy	2018

Books Published

SL No	Title	Coauthors
1	Book chapter on "Implications of organizational climate on turnover intention among employees in banking sector" in the Book- Review of Operational Issues and Prospects of Commercial Banks in the Current Scenario, ISBN 978-81-949580-9-3, September 2021, pp by	Akshay K Vijay ar
2	Book chapter on "The new normal in higher education- The Covid 19 impact" in the book Covid 19 and Global Economy(In Press)	Sini V. Pillai, Navy

283.Name	Linda Susan Mathew	
Date of Birth	13/05/1984	
Gender	Female	
Mobile No	7012704178	
Faculty Type	Other	
Designation	Assistant Professor_Regular	
Department	School of Management	
Date of Joining in the	21/07/2011	

**Institution
Faculty Profile**

Qualification(UG)	B.Tech
Qualification(PG)	MBA
Qualification(Ph. D)	
Total Experience in years(Teaching)	11
Total Experience in years(Industry)	3
Total Experience in years(Research)	4
Area of Specialisation	Marketing
No.of Papers Published(National)	5
No.of Papers Published(International)	4
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	4
Professional Memberships	1

284.Name MILAN SAM MATHEW

Date of Birth	14/10/1986
Gender	Male
Mobile No	7012473633
Faculty Type	Other
Designation	Assistant Professor_Regular
Department	School of Management
Date of Joining in the Institution	22/07/2019
Qualification(UG)	B.Tech

Qualification(PG) MBA, MA Economics

Faculty Profile Qualification(Ph. D)	
Total Experience in years(Teaching)	4.75
Total Experience in years(Industry)	4
Total Experience in years(Research)	
Area of Specialisation	Finance, Operations
No.of Papers Published(National)	
No.of Papers Published(International)	4
No.of Papers in conferences(National)	3
No.of Papers in conferences(International)	
Professional Memberships	Indian Institution of Industrial Engineering

Projects Guided in Master's Level

Area of Specialisation	Marketing Management	
University	APJAKTU	
Student Name	Project Title	Year
Govind A	A STUDY ON CONSUMER SATISFACTION LEVEL OF ONLINE SHOPPING WITH SPECIAL REFERENCE TO AUGMENTED REALITY.	2021
Sreelekshmi Shalu	Analysis of Financial Performance of the Indian Automobile Industry	2021
Neethu MM	THE IMPACT OF WORK FROM HOME ON EMPLOYEE MOTIVATION AND WORK QUALITY DURING LOCKDOWN: A STUDY AMONG IT PROFESSIONALS IN KERALA	2021
Devika B	Impact of Covid-19 on Investment Pattern in Insurance Industry	2021
Fathima SS	A study on ways to enhance stock market participation and financial literacy	2021
Shalin Simon	STUDY ON JOB SEEKERS KNOWLEDGE AND PERCEPTION ON GREEN HRM PRACTICES AMONG MANAGEMENT GRADUATES	2021
Alida Jose	A STUDY ON THE IMPACT OF COVID-19 ON INVESTOR BEHAVIOUR OF INDIVIDUALS IN TRIVANDRUM CITY	2021
Neethu MJ	A STUDY ON CUSTOMER SATISFACTION OF TELECOM SERVICE PROVIDERS IN TRIVANDRUM	2021
Abhaya P.S.	A STUDY ON IMPACT OF TECHNOLOGICAL BANKING SERVICES ON CUSTOMERS IN KERALA	2021
Gouri B. Nair	A STUDY TO ASSESS THE IMPACT AND CHALLENGES OF COVID-19 ON DAILY WAGE WORKERS AND THEIR LIVELIHOOD	2021

Papers published in International Journals

Papers published in international journals

Faculty Profile

SL No	Title	Year
1	Volatility Modelling of Indian Stock and Index Futures in International Journal of Multidisciplinary Research and Development	2020
2	'Commodity Futures Market in India in the ICT Era: The Way Ahead' in International Journal of Advanced and Innovative Research Review, Vol-6, Issue-1, Jan-March 2019, pp 106-111.	2019
3	'A Study on the Performance of New Generation Banks in the Volatile, Uncertain, Complex, Ambiguous World' in International Journal of Management and Social Sciences Research Review, Vol-1, Issue-37, July 2017, pp 277-281.	2018
4	'Performance Evaluation of Banking Sector Mutual Funds in India' in International Journal of Business and Administration Research Review, Vol-3, Issue-18, Apr-June 2017, pp 199- 203.	2017

285.Name

Seema S



Date of Birth	07/06/1978
Gender	Female
Mobile No	9539780484
Faculty Type	Other
Designation	Assistant Professor_Regular
Department	School of Management
Date of Joining in the Institution	01/07/2019
Qualification(UG)	B-Tech CSE
Qualification(PG)	MBA
Qualification(Ph. D)	
Total Experience in years(Teaching)	2 years
Total Experience in years(Industry)	5 years
Total Experience in years(Research)	
Area of Specialisation	Operations Research
No.of Papers Published(National)	0
No.of Papers	0

Published(International)

Faculty Profile

No.of Papers in
conferences(National)

1

No.of Papers in
conferences(International)

0

Professional
Memberships

IIIE -LM 11319

Projects Guided in Master's Level

Area of Specialisation

Marketing

University

KTU

Student Name	Project Title	Year
Aparna s	A STUDY ON THE IMPACT OF INFLUENCER MARKETING ON CONSUMER BUYING BEHAVIOR AMONG YOUTH IN KERALA	2020
BHAVEEN BHASKARAN	A PERFORMANCE ANALYSIS OF THE TOP FIVE CRYPTOCURRENCIES	2020
LAKSHMI VIMAL	A STUDY ON E-LEADERSHIP AND THE FACTORS INFLUENCING ITS QUALITY IN THE ORGANIZATIONS	2020
Jijo John	A Study on the impact of Social Media marketing in Brand loyalty during Covid 19	2020
Abdul Ashik M	IMPACT OF E-BANKING ON PROFITABILTY OF COMMERCIAL BANKS IN KERALA	2020
SHRUTHI DILEEP A	STUDY ON THE EFFECTIVENESS OF DIGITAL ONBOARDING ON EMPLOYEE RETENTION AND MOTIVATION	2020
NEERAJA S	A STUDY ON THE IMPACT OF TALENT MANAGEMENT ON EMPLOYEE PERFORMANCE AMONG IT PROFESSIONALS DURING THE COVID-19 PANDEMIC	2020
Anupam R S	A STUDY ON THE INVESTMENT PATTERN AND PREFERENCE OF RETAIL INVESTORS IN KERALA	2020
Navya Joy	An Analysis of Millennials View on Gamification at Work	2020
SHARATH MOHAN S	STUDY ON ACCEPTANCE OF DIGITAL PAYMENTS IN DRIVING A CASHLESS SOCIETY IN AN INDIAN CONTEXT	2020

Papers published in National Conferences

SL No	Title	Year
1	SECOND NATIONAL CONFERENCE ON BUSINESS MANAGEMENT AND ANALYTICS In the theme "Life after Pandemic – Impact of Pandemic on Business" organised by Department of Management Studies National Institute of Technology Tiruchirappalli Tamil Nadu, India Title of paper - A study on the adoption of digital health services during COVID 19 Pandemic in the state of Kerala	2022

Positions Held

SL No	Details	Period
1	LMS coordinator	Aug 2021 -till date

Faculty Profile

286.Name ABHILASH V S



Date of Birth	20/05/1987
Gender	Male
Mobile No	9946669651
Faculty Type	Other
Designation	Assistant Professor_Adhoc
Department	School of Management
Date of Joining in the Institution	13/01/2017
Qualification(UG)	Bcom
Qualification(PG)	MBA
Qualification(Ph. D)	PURSUING
Total Experience in years(Teaching)	9
Total Experience in years(Industry)	3
Total Experience in years(Research)	
Area of Specialisation	FINANCE AND ACCOUNTING
No.of Papers Published(National)	12
No.of Papers Published(International)	2
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	2
Professional Memberships	

287.Name Dr.Vijaya.S.Uthaman



Faculty Profile



Date of Birth	08/10/1982
Gender	Female
Mobile No	8129006810
Faculty Type	Adhoc
Designation	Assistant Professor_Adhoc
Department	School of Management
Date of Joining in the Institution	01/01/2021
Qualification(UG)	Bsc.Electronics
Qualification(PG)	MBA
Qualification(Ph. D)	PhD under faculty of Management studies ,University of Kerala
Total Experience in years(Teaching)	3 yrs
Total Experience in years(Industry)	2 yrs
Total Experience in years(Research)	4
Area of Specialisation	Operations & Marketing
No.of Papers Published(National)	5
No.of Papers Published(International)	3
No.of Papers in conferences(National)	9
No.of Papers in conferences(International)	7
Professional Memberships	

Projects Guided in Master's Level

Area of Specialisation	Finance	
University	Kerala Technological University	
Student Name	Project Title	Year
Divya lekshmy	A study on investment oppurtunities and investors preferences during the covid-19 pandemic	2021
Lijin lal	The operations of COWIN Portal and Application and the perception of people on its working	2021

Papers published in National Journals

SL No	Title	Year
1	Practices and Benefits of Environment Management System(EMS ISO 14001):A Case of HLL Lifecare, ISSN 0038 4046/54	2015
2	Smart Governance Practices In Kerala through Information Technology: A Retrospect, Management Researcher ISSN:2230-8431	2016
3	Akshaya common Service Centers in Kerala: A smart E-governance Initiatives for Sustainable Growth, International Conference on Innovative Trends In Business Practices for sustainable Development, Department of Commerce, University of Madras, ISBN :978-81-8094-321-8	2016
4	Service Quality at Common Service Center's: An Emperical Study on Akshaya e-Kendras, Kerala, Commerce and Business Research, Department of Commerce, Kerala University, ISSN No.:0976-4097	2017
5	Akshaya E-Kendras: Bridging the digital Divide, Review of Social Sciences, Kerala Academy of Social Sciences , ISSN 0974-9004 (peer reviewed)	2018
6	Descriptive study on the impact of Covid-19 Pandemic on risk perception and investment decision making among equity investors,KICMA Reach Journal of Management- ISSN 2395- 0293	2021

Papers published in International Journals

SL No	Title	Year
1	Awareness Of E-Governance Services At Common Service Centers: A Study At Akshaya E-Kendras In Kerala International Journal of Research and Analytical Review (IJRAR), Approved by ISSN ,UGC. Impact Factor: 5.75.	2019
2	An empirical study of change in usage level of various OTT platformsby users in Kerala during COVID-19, International Journal of Marketing and Business Communication 10 (2) 2021, 23-31 http://publishingindia.com/ijmbc/ 2021 ,October, ISSN Number: 2277-484X	2021
3	A Study on Consumer Behaviour during COVID'19 Pandemic: A Paradigm Shift of Retail Sectors in Kerala, Asian Journal of Economics, Finance and Management, 6(3), 38-44.	2022

Papers published in National Conferences

SL No	Title	Year
1	Sustainable development goals-Relevance for Digital India, Proceedings of National Seminar on Emerging Trends in Management, Waste Management and Entrepreneurship, IMK, University of Kerala	2017
2	Greening the Value chain: A future Prospective for customer Satisfaction, 66th All India Commerce Conference Of Indian Commerce Association and National seminar on Inclusive Growth and Sustainability-Role of Commerce education In India, Department of Commerce, Bangalore University	2017
3	Evolution of TQM-An Overview One Day National Seminar on Management and Business Research- A contemporary Approach'	2013
4	Application of Management Tools and Techniques for teaching Quantitative Techniques in B-School 5 Days National Seminar on Teaching methodology for Management	2014
5	Financial Services through e-governance 2 Days National Seminar - 'The Marketing of Financial Services: Opportunities and challenges in the Modern Eon	2015
6	New challenges for Management pedagogy in Digital world 3 days National Seminar on Research	2015

Faculty Profile	and Teaching methods in Management Science	
7	Digital India and Demonetisation National Seminar on 'Demonetisation and Aftermath'	2017
8	Sustainable Development Goals Relevant for Digital India National Seminar on Emerging Trends in Management and Entrepreneurship	2017
9	Social & Ethical challenges in e-governance in India National Multi-Disciplinary Annual Research Conference (MARC)	2015
10	An analysis on digital divide and awareness on G2C services at Akshaya e-kendras: Special reference to Ernakulam District One day National Seminar on DAS KAPITAL- It's Dynamic Life of 150 Years	2017
11	Awareness of e-governance services at Common Service Centers :Akshaya e-Kendras in Kerala. One Day National Seminar on Research Methodology" a shift from academic Research to Applied research.	2018
12	Effect of Service quality on perceived ease of use, perceived usefulness satisfaction and trust towards e-governance through common service centers in India Domestic Violence in Kerala: An Enquiry on the impact of Legislative and Administrative Mechanism	2019
13	A Study on the Adoption of Digital Health Services during COVID 19 Pandemic in the State of Kerala Second National Conference on Business Management And Analytics	2022

Papers published in International Conferences

SL No	Title	Year
1	E-Governance Service Quality Of Common Service Centers: A Review Of Existing Models And Key Dimensions 10th International Conference in theory and practice of electronic governance (ICEGOV'17), Organized at New Delhi, India ACM New York, NY, USA @2017	2017
2	Comprehensive Multidimensional Conceptual Model To Assess The E-Governance Service Quality At Common Service Centers In India Proceeding ICEGOV '17 Proceedings of the Special Collection on eGovernment Innovations in India, New Delhi AA, India — March 07 – 09, 2017 ACM New York, NY, USA ©2017	2017
3	Akshaya common Service Centers in Kerala: A smart E-governance Initiatives for Sustainable Growth, International Conference on Innovative Trends In Business Practices for sustainable Development, Department of Commerce, University of Madras	2016
4	Service quality of E-governance initiatives through CSC, ICEGOV2019, April 3–5, 2019, Melbourne, VIC, Australia	2019
5	A conceptual model for enhancing the quality of online Learning Experience in e-technical education, "International Conclave on Globalizing Indian Thoughts", International Conference at IIM Kozhikode. December 16- 18 2021. International Conclave on Globalizing Indian Thought	2021
6	Online retail service quality and customer satisfaction during Covid 19, International conference in Emerging trends in Business Management, organised by Farook Institute of Management studies (FIMS), Kerala, India & Saxion University of Applied Science , The Netherland	2021

Positions Held

SL No	Details	Period
1	Lecturer	2015-2016
2	Lecturer	2014 June to 2014

Faculty Profile

288.Name **Gayathri Ranjit**

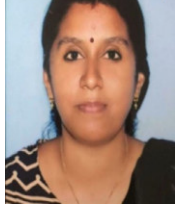


Date of Birth	09/04/1980
Gender	Female
Mobile No	09497008803
Faculty Type	Other
Designation	Assistant Professor_Adhoc
Department	School of Management
Date of Joining in the Institution	31/08/2015
Qualification(UG)	BTech Civil
Qualification(PG)	MBA (Systems, Marketing)
Qualification(Ph. D)	
Total Experience in years(Teaching)	13 year 7 months
Total Experience in years(Industry)	3 years
Total Experience in years(Research)	3 years
Area of Specialisation	Operations, Marketing
No.of Papers Published(National)	5
No.of Papers Published(International)	5
No.of Papers in conferences(National)	10
No.of Papers in conferences(International)	4
Professional Memberships	

289.Name **Jisha Gopi**



Faculty Profile



Date of Birth	30/05/1980
Gender	Female
Mobile No	8592849487
Faculty Type	Other
Designation	Assistant Professor_Adhoc
Department	School of Management
Date of Joining in the Institution	10/02/2016
Qualification(UG)	BPharmacy
Qualification(PG)	MBA
Qualification(Ph. D)	
Total Experience in years(Teaching)	10
Total Experience in years(Industry)	5
Total Experience in years(Research)	
Area of Specialisation	HRM
No.of Papers Published(National)	6
No.of Papers Published(International)	7
No.of Papers in conferences(National)	1
No.of Papers in conferences(International)	7
Professional Memberships	3

Projects Guided in Master's Level

Area of Specialisation	General	
University	Kerala Technological University	
Student Name	Project Title	Year
Anand N.C	Cross Sectional Study on Renewable Energy sources Energy Awareness and modelling of perception in public	2021
Anand Christudas	Employee Engagement Strategies used by Information Technology Companies during Pandemic	2021

Faculty Profile	and its Effectiveness	
Veena Raj	A study on worklife of IT employees in phase of pandemic	2021
Arjun Balan	An Analysis On Investment Of Salaried Employees And Their Savings Pattern	2021
Bhaveen B	A Study on fundamental analysis of three selected companies in Indian FMCG sector	2021
Gokul Gopakumar P	A study on capital structure with reference to maruti suzuki and Tata motors	2021
Navya Joy	The Study of Performance Management Systems in IT Organizations - Before & After Covid-19.	2021
Amal Abraham	The critical success factors of uber	2021
Amina	Advancement of digital marketing during covid-19 and its influence among the society	2021
Anjana	Employee retention and employee engagement activities adopted by the it sector before and after covid-19	2021
Devika B	A study on customer satisfaction towards telecom service providers	2021
Abey Edwin	A Study of Investor Perception towards Cryptocurrency	2021
Muhammed Faizal	A study on impact of npa on profitability and performance of some top performing banks in india	2021
Sumil Kootappala	A study on investors perception and attitude towards invest in post office savings scheme	2021
Anjana Thomas	An Analysis on perception of investors in kerala towards gold as an investment option : comparison of market conditions before and after covid-19	2021
Gokul Gopakumar P	A study on feasibility of adopting Agile project management practices on the success of software development projects with reference to TCS	2021
Sharan D	A study on the factors affecting implementation of lean techniques in bakeries/ confectionaries	2021
Anjana Mahesh	The impact of hr analytics in recruitment of employees during covid-19 and its effectiveness	2021
Reshma R	A study on peer to peer lending:an alternative form for finance	2021
Keerthy P	A Study On OCTAPACE Culture and its impacts on Employee Performance.	2021

Papers published in National Journals

SL No	Title	Year
1	Jisha Gopi , Rocky Williams "Emergence of Artificial Intelligence & its role in promoting new products & services", Asian Journal of Economics, Finance & Management, Vol 4, Issue 3, June 2021	2021
2	Jisha Gopi , "Understanding Entrepreneurial Intentions among Management students of Kerala",Asian Journal of Economics, Finance & Management, Vol 4, Issue 2, June 2021	2021
3	Jisha Gopi , Faizal Mohammed "An analysis of the impact of Covid 19 on OTT movie releases & its viewers in India", Asian Basic & Applied Research Journal, Issue-2, Volume 3, June 2021	2021
4	Jisha Gopi , Umesh Sharma "Development & evaluation of in situ gel of Guava leafs for the management of mouth ulcers", Journal of Emerging Technologies and Innovative Research, Vol 6, Issue 6, June 2019 ISSN-2349-5162	2019
5	Jisha Gopi , "Entrepreneurial Intentions of Business Students: A review", Management Innovator, Vol.12, No. 1 January-June,2019	2019
6	Jisha Gopi , Umesh Sharma "Pharmapreneur: Entrepreneurial Skills & its need in Pharmacy curriculum", Pharma Times, Scopus Indexed journal, Vol 53, Aug-Sept 2021, 08-09	2021

Papers published in International Journals

Papers published in International Journals

Faculty Profile

SL No	Title	Year
1	Jisha Gopi , Umesh Sharma "Gatroretentive Nanaoparticles of an Anti Asthmatic drug: Development & Characterization", World Journal of pharmaceutical Research, Vol 9, Issue 7, June 2020	2020
2	Jisha Gopi , Umesh Sharma "Bio-Adhesive Inserts of Prednisolone acetate for post operative manangement of Cataract: Development & Evaluation", International journal of Innovative Science & Research Technology, Issue 8, Aug 2019	2019
3	Jisha Gopi , Umesh Sharma "Formulation and Evaluation of Muco Adhesive Buccal films for the management of Parkinsons disease", World Journal of Pharmacy & Pharmaceutical Research, Vol 9, Issue 11, Oct 2020	2020
4	Jisha Gopi , Umesh Sharma "Development & Characterization of Oral Jellies for the management of Parkinsonism", World Journal of Pharmacy & pharmaceutical Research, Vol 9, Issue 7, Jun 2020	2020
5	Jisha Gopi , Umesh Sharma "Anti- Parkinsonism Fast Disintegrating Tablets", World Journal of Pharmacy & pharmaceutical Research, Vol 9, Issue 5, April 2020	2020
6	Jisha Gopi , Umesh Sharma "Development & Evaluation of an In-situ gelling liquid dosage form of an Anti Hypertensive drug", International journal of Innovative Science & Research Technology, Issue 5, May 2020	2020
7	Jisha Gopi , Umesh Sharma "Development & Evaluation of Muco-Adhesive nanoparticles -A novel drug delivery for the Management of Parkinsonism diseases", World Journal of Pharmaceutical Research, Vol 9, Issue 5, 2020	2020

Papers published in National Conferences

SL No	Title	Year
1	"A study of Challenges of E-Learning", Opportunities & Challenges of Technical Education in Post Covid Scenario, 31st Annual State Faculty convention, ISTE, Kerala, Jan 23, 2021.	2021

Papers published in International Conferences

SL No	Title	Year
1	"A study on OCTAPACE culture and its impact on Employee performance" ISDSI Global Conference, IIM Nagpur, Dec 27-30, 2021	2021
2	"A study on Impact of HR Analytics in Employee Recruitment before and during Covid" ISDSI Global Conference, IIM Nagpur, Dec 27-30, 2021	2021
3	"Emergence of AI & its role in promoting new products and services", 3rd ICDE & 14th ISDSI Annual Conference, Center for Digital Economy, IIM Raipur, Dec 27-29 2020	2020
4	An analysis of the impact of Covid 19 on OTT movie releases & its viewers in India", 3rd ICDE & 14th ISDSI Annual Conference, Center for Digital Economy, IIM Raipur, Dec 27-29 2020	2020
5	"Comparative Analysis of Research Models on Entrepreneurial Intent", Strategic Management Forum IIM Ranchi in collaboration with Entrepreneurial Development Institute of India, Ahmedabad Dec 21-23, 2020	2020
6	"A study of impact of Covid 19 pandemic on business growth", International Social Sciences Research Colloquium, SCMS, Kochi, Kerala 10-11th Dec 2020	2020
7	"An industry wise comparative study on influence of marketing mix decisions on performance of MSME units" Summer marketing-IS conference Smart Marketing in the Digital age, IIM Indore, July 2019.	2019

Consultancy Details

Consultancy Details

Faculty Profile

SL No	Consultancy	Year
1	KIFBI- Training Need Analysis	2019
2	KSIDC ODOI Plan for Cluster	2021

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Faculty Development Program on Design Thinking	2021,DTE
2	Design Thinking	2020,AICTE
3	Empowering Faculty on Life skills	2017,DTE
4	Time Series Analysis	2016,DTE

Positions Held

SL No	Details	Period
1	Assistant Professor	May 2007- Apr 20
2	Training Placement Officer/HR Manager	May 2011- Dec 20
3	HR & Placement Head	Dec 2011- Nov 20
4	Center Manager	Dec 2012-Jan 20
5	Assistant Professor/ Training Placement Officer	Feb 2016- Presen

290.Name MITHRA MANMADHAN



Date of Birth 10/05/1980

Gender Female

Mobile No 9497467795

Faculty Type Other

Designation Assistant Professor_Adhoc

Department School of Management

Date of Joining in the Institution 22/02/2021

Qualification(UG) BSc

Qualification(PG) MBA, M Com

Faculty Profile Qualification(Ph. D)	PhD in Management
Total Experience in years(Teaching)	12
Total Experience in years(Industry)	2
Total Experience in years(Research)	2
Area of Specialisation	Marketing
No.of Papers Published(National)	2
No.of Papers Published(International)	
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	1
Professional Memberships	0

Projects Guided in Master's Level

Area of Specialisation	Marketing	
University	KTU	
Student Name	Project Title	Year
ANOOP U	A STUDY ON THE IMPACT OF SOCIAL MEDIA INFLUENCERS (SMI) ON CONSUMER BEHAVIOUR OF THE FOLLOWERS	2021
AMAL R	A STUDY ON HUMAN RESOURCE ACCOUNTING PRACTICES IN BANKING SECTOR IN KERALA AND ITS IMPACT ON STRATEGIC HUMAN RESOURCE MANAGEMENT	2021
RENATUS TIBERT NETTO	A STUDY ON THE IMPACT OF EMOTIONAL INTELLIGENCE IN WORK LIFE BALANCE DURING COVID 19	2021
M.S GAYATHRI	STUDY ON IMPACT OF SUPERVISORY SUPPORT ON WORK ENGAGEMENT OF EMPLOYEES AT QULION CO-OPERATIVE SPINNING MILL LTD	2021
Veena Raj S	"A Study on Customer Perception Towards Unified Payment Interface System (UPI)	2021
GOKUL SASI S	"A STUDY ON THE IMPACT OF MGNREGA IN DEVELOPING SUSTAINABLE LIVELIHOOD OF UNSKILLED WOMEN WORKERS IN KERALA	2021
Akhila P	A STUDY ON JOB SEEKERS' PERCEPTION ON E-RECRUITMENT	2021
Amal R	A STUDY ON HUMAN RESOURCE ACCOUNTING PRACTICES IN BANKING SECTOR IN KERALA AND ITS IMPACT ON STRATEGIC HUMAN RESOURCE MANAGEMENT	2021
BHAGATH SOORYA D	"A STUDY ON THE IMPACT OF COVID-19 IN DIGITAL BANKING SERVICES AND CHANGES IN CUSTOMER PERCEPTION"	2021
VIPIN H	"A STUDY ON THE ANALYSIS OF MERGER AND ACQUISITION THAT IMPACT ON THE PERFORMANCE OF COMPANIES"	2021
HARITHA THAMPI	"A STUDY ON THE PERCEPTION OF INTEGRATING AUGMENTED REALITY IN TEACHING -	2021

Faculty Profile	LEARNING PROCESSPROJECT REPORT"	
ARJUN A S	"A STUDY OF INVENTORY MANAGEMENT AT A START-UP COMPANY EMBRIGHT INFOTECH, TRIVANDRUM"	2021
ANJANA J M	"A STUDY ON CUSTOMER PERCEPTION TOWARDS ELECTRIC CARS WITH SPECIAL REFERENCE TO TATA MOTORS"	2021
GOUTHAM BHASKAR	"EFFECTIVENESS OF SOCIAL MEDIA MARKETING AMONG STUDENTS"	2021
ARDRA UNNIKRISHNAN	"A STUDY ON SOCIAL MEDIA AS A MARKETING TOOL FOR CUSTOMER ENGAGEMENT"	2021
RESMI JAYAN	IMPACT OF SHIFT WORK ON EMPLOYEES IN HOSPITALS	2021
BENOY C P	"CUSTOMER LOYALTY IN E-COMMERCE WITH RESPECT TO THE E-COMMERCE SCENARIO IN KERALA"	2021
SARANYA DATH	"EFFECTS OF VIRTUAL CLASSROOM AND JOB SATISFACTION OF SCHOOL TEACHERS"	2021
ARYAN J R	SOCIAL MEDIA: EFFECTIVENESS ON PURCHASING ELECTRONIC GADGETS AMONG COLLEGE STUDENTS IN TRIVANDRUM	2021
SAI KRISHNAN R	"A STUDY ON IMPACT OF FOODBLOGGERS/INFLUENCERS IN FOOD BUYING DECISION OF CONSUMERS"	2021
ANAND MOHAN	Product innovation in the banking sector at Trivandrum in enhancing customer relationships with a focus on banking apps.	2021
VINITH R	EXAMINING THE LINK BETWEEN LIQUIDITY, VOLATILITY AND TRADING VOLUME IN THE FOREX MARKET FROM AN INTRADAY TRADING PERSPECTIVE	2021

Papers published in National Journals

SL No	Title	Year
1	Mithra Manmadhan & Shaan R.S, 'Neuromarketing- Harnessing Neuroimaging Technologies to Conquer the Consumer's Mind' , Management Researcher, ISSN: 2230-8431, April-June 2015, Vol. XXI, No.4, Page No. 9-17	2015
2	Mithra Manmadhan & Suresh Subramoniam, 'An Exploration of the Underlying Dimensions of eWOM from a Consumer Decision Making Perspective', Commerce & Business Researcher, ISSN: 0976-4097, July-December 2015, Vol. 8, No.3 &4, Page No. 97-113.	2015
3	Vipin H & Mithra Manmadhan, 'An Analysis of Mergers and Acquisitions that Impact the Performance of Companies', International Journal of Financial Management, Vol. 12 (1) 2022	2022
4	Anand Mohan & Mithra Manmadhan, 'Product Innovation in Enhancing Customer Relationship with Special Focus on Banking Apps', Asian Journal of Economics, Finance & Management, Vol. 5(4) 2021.	2021

Papers published in National Conferences

SL No	Title	Year
1	'Neuromarketing- The New Hope of Marketers' at the National Seminar on New Paradigms in Management Research conducted by Institute of Management in Kerala, University of Kerala	2012
2	Webrooming & Showrooming- Customer's Quest for a True Omnichannel Journey & its Implications for Retailers' in the National Seminar 'Management Science Research for Sustainable Development' organised jointly by Researchers' Forum, Institute of Management in Kerala and the Kerala Academy of Social Sciences, held on 29th November 2014.	2014

Papers published in International Conferences

Papers published in international conferences

Faculty Profile

SL No	Title	Year
1	Power of e-WOM as the next P in Marketing' at the Twelfth AIMS International Conference in Management organised at the Indian Institute of Management Kozhikode held on 2-5 January 2015	2015
2	A Critical Examination of the Implications of Make in India for the FMCG Sector', in the two day International Seminar on 'Emerging Business Opportunities- Global Markets and the Indian Potential' organised by the Department of Commerce, University of Kerala, held on 24th & 25th February 2016.	2016

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	TRAINING PROGRAMME ON TEACHERS AS MENTORS	2018,DTE

291.Name Nima Ravu



Date of Birth	10/07/1989
Gender	Female
Mobile No	8891933646
Faculty Type	Adjunct
Designation	Assistant Professor_Adhoc
Department	School of Management
Date of Joining in the Institution	09/01/2017
Qualification(UG)	BA English
Qualification(PG)	MBA
Qualification(Ph. D)	
Total Experience in years(Teaching)	5
Total Experience in years(Industry)	4
Total Experience in years(Research)	
Area of Specialisation	Entrepreneurship, Marketing and HR

No.of Papers 10

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

Projects Guided in Master's Level

Area of Specialisation	Management	
University	KTU	
Student Name	Project Title	Year
Ajith P K	A STUDY ON EMPLOYEE HEALTH, SAFETY AND WELFARE MEASURES AT K.K.R GROUP OF COMPANIES PVT.LTD, OKKAL, KERALA.	2017
Abhijith Mohan	A study on impact of advertising on consumer behaviour regarding FMCGs : Special Reference to Trivandrum District	2017
AKSHAY DEV H S	A STUDY ON 4 A S FRAME WORK WITH REFERENCE TO KSFE , BALARAMAPURAM	2016-17
Surabhi S R	A study on effect of marketing mix on brand equity of Samsung mobiles with special reference to the students of CET School of Management Trivandrum	2016-17
Melchi Zedek	A study on effect of marketing mix on brand equity of Samsung mobiles with special reference to the students of CET School of Management Trivandrum	2016-17
REVATHY S	A STUDY ON EFFECT OF BRAND IMAGE ON CONSUMER PREFERENCE WITH RESPECT TO MOBILE PHONES	2016-17
NAVANEETH S	A Study On Consumer Influential Factors Affecting Buying Behaviour Of Nirapara Brand	2016-17
JIJITH D	A STUDY ON THE IMPACT OF SERVICE QUALITY AND BRAND EQUITY ON CUSTOMER LOYALTY TOWARDS MULTI CUISINE RESTAURANTS	2018-19
Kavya S	A STUDY ON THE IMPACT OF LEVERAGES IN THE LIQUIDITY OF SELECTED COMPANIES IN DIFFERENT INDUSTRY	2018- 2019
RITU LIS MANUEL	A STUDY ON THE DRIVERS OF SUPPLY CHAIN IN SWISS DEW ICE CREAMS	2017-18
AJAY G PILLAI	A STUDY ON SIGNIFICANCE OF WORKING CAPITAL MANAGEMENT ON PROFITABILITY OF SELECTED INDIAN AUTOMOBILE COMPANIES	2017-18
AJAY MOHAN M.S	A STUDY ON CONSUMER ATTITUDE TOWARDS ONLINE SHOPPING WITH REFERENCE TO COLLEGE STUDENTS	2017-18
AKASH MANUEL	A STUDY ON FINANCIAL PERFORMANCE OF SELECTED FMCG COMPANIES	2017-18
ANJU AJAY	Forex Volatility and Relationship of Major Currencies Against Indian Rupee	2017-18
BINI T BHADRAN	A STUDY ON YOUNGSTERS PERCEPTION TOWARDS BRANDED GOODS WITH REFERENCE TO STUDENTS COMMUNITY	2017-18
DENNY JOSEPH	ECONOMIC ANALYSIS OF NON PERFORMING ASSETS IN THE INDIAN BANKING SECTOR	2017-18
GOKUL KRISHNA G.K	A STUDY ON THE RELATIONSHIP BETWEEN CUSTOMER INVOLVEMENT AND BRAND	2017-18

Faculty Profile	CONSCIOUSNESS WITH SPECIAL REFERENCE TO MAX TRIVANDRUM	
SONA GEORGE	THE EFFECT OF WORKPLACE FLEXIBILITY ON EMPLOYEE PERFORMANCE: AN ANALYSIS ON EMPLOYEES OF IBS SOFTWARE.	2017-18
ANANTHA RAMAN S M-	MANAGEMENT OF LIQUIDITY AND PROFITABILITY IN SELECTED BSE LISTED COMPANIES	2017-18

Papers published in National Journals

SL No	Title	Year
1	IMPACT : International Journal of Research in Humanities, Arts and Literature (IMPACT : IJRHAL) An Industry Wise Comparative Study on Employee Perception About the Implementation of Transaction management Foundation (TMF) in MSME Units of Industrial Estate Vol. 7, Issue 5, May 2019 225- 234	2019
2	Study on Emerging Trends in Marketing on Management Innovator – A peer reviewed research Journal. Vol.9 No. 2, July 2016	2016
3	Opportunities and Challenges of Lockdown for Students and Teachers; Juni Khyat – UGC care listed	2020
4	Performance Appraisal in ITC Kochi; Juni Khyat - UGC care listed, Vol-10 Issue-7 No. 2 July 2020	2020
5	Forex Volatility and Relationship of Major currencies against Indian Rupee; Commerce and Business Researcher; Vol. 13 issue 4,	2020
6	Factors Affecting Employability Skills of Management Students , Asian Basic and Applied Research Journal July 2, 2021. Vol 3, issue 3	2021
7	A Study on the Impact of E-Banking Service Quality on Customer Satisfaction; Asian Journal of Economics, Finance and Management, Aug- 2021, Vol. 5 , issue 1 48- 56	2021
8	Success Factors of YouTube Entrepreneurs Asian Journal of Economics, Finance and Management, Aug 9, 2021, Issue 1 34-47	2021
9	Work from Home and Employee Productivity during COVID-19 , Asian Basic and Applied Research Journal July 8, 2021, vol 3, issue 4 14-21	2021

Positions Held

SL No	Details	Period
1	Assistant Professor	2017- now

Expert Talks Delivered

SL No	Title	Year
1	Trends in Digital Marketing	2019

Faculty Profile



Date of Birth	19/04/1989
Gender	Male
Mobile No	7907204522
Faculty Type	Adjunct
Designation	Adjunct Faculty
Department	School of Management
Date of Joining in the Institution	1/12/2021
Qualification(UG)	MBA
Qualification(PG)	B tech
Qualification(Ph. D)	Ongoing
Total Experience in years(Teaching)	1 year 4 months
Total Experience in years(Industry)	7 years
Total Experience in years(Research)	0
Area of Specialisation	Behavioural Finance, Finance, Operations
No. of Papers Published(National)	1
No. of Papers Published(International)	
No. of Papers in conferences(National)	1
No. of Papers in conferences(International)	4
Professional Memberships	

Projects Guided in Master's Level

Area of Specialisation	Finance	
University	KTU	
Student Name	Project Title	Year
Reshma reghu	A study on the the investor perception about equity fund	2021
Sultana A.S	A study on investor attitude towards investment in private companies with special reference to	2021

Faculty Profile	trivandrum	
Lekshmi Babu	A study on the impact of capital structure of the profitability of selected private and public banks	2021
Reshma Mariam Koshy	A study on the awareness of Pradhan Mantri Jan Dhan Jogna in Kollam District	2021

Papers published in National Journals


SL No	Title	Year
1)"Impact of social media as marketing tool on purchasing decision of electronic goods" On the Journal "Management Researcher" March 2019 issue (ISSN: 2230-8431), published by institute of management development and research (IMDR).	2019

Awards Received

SL No	Title	Organisation
1	Best paper award	Kerala Productivit

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsc
1	Entrepreneurship Awareness Program in collaboration with MSME Development Institute Thrissur	2021,MSME Deve

293.Name	BIJU G.S	
Date of Birth	30/05/1977	
Gender	Male	
Mobile No	9447425588	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Mathematics	
Date of Joining in the Institution	02/06/2004	
Qualification(UG)	B.Sc Mathematics	
Qualification(PG)	M.Sc, M.Phil	
Qualification(Ph. D)	Ph.D	
Total Experience in years(Teaching)	17 years	

Total Experience in

Total Experience in
years(Research)

Area of Specialisation

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

Papers published in International Journals

SL No	Title	Year
1	G. S. Biju and A. K. Anilkumar, "An Integrated Genetic Algorithm with Clone Operator" International Journal of Pure and Applied Mathematical Sciences, vol.9, No.2, pp. 145–164	2016
2	G. S. Biju and A. K. Anilkumar, "Self-Adaptive Genetic Algorithm Using Clone Operator with Change of Search Limits", International Journal of Applied Mathematics and Applications, vol.8, No.2, pp. 173–192.	2016
3	G. S. Biju and A. K. Anilkumar, "Optimization of Multiple Gravity Assist Problems Using Genetic Algorithm with Clone Operator" International Journal of Applied Mathematical Analysis and Applications, vol.12, No.1, pp. 57–69	2017
4	G. S. Biju and A. K. Anilkumar, "Simulated Annealing Conditions to Generate a New Population in Genetic Algorithm", Global Journal of Pure and Applied Mathematics, vol.13, No.10, pp. 7573–7600	2017
5	G. S. Biju and A. K. Anilkumar, "Simulated Annealing with Clone Operator", Global Journal of Pure and Applied Mathematics, vol.13, No.10, pp. 7601–7625	2017
6	Anooja I, Vinod S and Biju.G.S, "Performance Analysis of Improved Enciphering Matrices", International Journal of Mathematical Sciences, vol. 16, Nos. 3-4, pp. 279-292	2017
7	Vinod S and Biju G.S, "A note on Perfect Order Subsets Conjecture", International Review of Pure and Applied Mathematics, vol. 14, Nos. 2, pp. 253-256	2018
8	Anooja I, Vinod S and Biju.G.S, "Polly Cracker Public Key Cryptosystem Using Graph Parameters", International Journal of Mathematical Sciences, vol. 17, Nos. 3-4, pp. 347-362	2018
9	Anooja I, Vinod S and Biju.G.S, "Encryption through Graph Polynomials", International Journal of Mathematical Sciences, vol. 17, Nos. 3- 4, pp. 363-370	2018
10	G.S Biju and Vinod S, " Regular semigroup of Linear transformations on Class functions of a finite group", International Journal of Mathematical Sciences, Vol 18, No. 3-4, pp. 321-324	2019
11	Vinod S, Biju G.S and Minikumari N.S, "Homomorphism between some rings", Communication in Mathematics and applications, vol.11, No.3, pp. 481–487	2020
12	Vinod S and Biju G.S, "On Homomorphisms from C_n to C_m ", Ratio Mathematica, Vol. 39, pp. 137-145	2020
13	Vinod S, Biju G.S and Minikumari N.S, "Counting the Ring Homomorphism between some rings",	2021

Faculty Profile	International Journal of Mathematics and Statistics, vol.22, No.2, pp. 1–7	
14	Vinod S and Biju G.S, "Mixed and Non-mixed Normal Subgroups of Dihedral Groups Using Conjugacy classes" Ratio Mathematica, Volume 40, pp. 247-257	2021
15	Vinod S and Biju G.S, "Automorphism Group of Dihedral Groups with Perfect Order Subsets", Communication in Mathematics and applications, vol.12, No.2, pp. 263–271	2021
16	Anooja I, Vinod S and Biju.G.S, "Encryption using semigroup action", Ratio Mathematica, Volume 41, pp. 19-27	2021

Books Published

SL No	Title	Coauthors
1	Differential Equations	J Dasan
2	Calculus of Vector functions, Ordinary Differential Equations and Transforms	J Dasan, K Asoka
3	Partial Differential Equations and Complex Analysis	J Dasan

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Refresher Course(Sponsored by UGC),	22 Days, 09/08/20
2	OrientatuinCourse(Sponsored by UGC)	28 Days, 08/06/20
3	Refresher Course(Sponsored by UGC)	22 Days, 05/09/20
4	Short term Training programme on Probability and Random processes	1-7-2010 to 3-7-20
5	Refresher Course(Sponsored by UGC),	21 Days, 20/08/20
6	Short term Training programme on Linear Algebra and its applications (sponsored by DTE),	6 days, 10/12/201
7	National level STTP on Quality Enhancement of Research in HEIs	3 days, 23-09-202
8	Faculty Development Programme	7 days, 01-07-202

Faculty Profile

294.Name **Dasan John**



Date of Birth 30/04/1971

Gender Male

Mobile No 7907730258

Faculty Type PERMANENT

Designation Associate Professor

Department Mathematics

Date of Joining in the
Institution 02/06/2004

Qualification(UG) B. Sc., B. Ed. (Mathemtics)

Qualification(PG) M. Sc., M. Phil. (Mathematics)

Qualification(Ph. D) Ph. D.

Total Experience in
years(Teaching) 17 years 9 Months

Total Experience in
years(Industry) nil

Total Experience in
years(Research) 5 years

Area of Specialisation Chaotic dynamics, Time Series Analysis,

No.of Papers
Published(National) 1

No.of Papers
Published(International) 5

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

Papers published in International Journals

SL No	Title	Year
-------	-------	------

1	Sajikumar,S., Dasan J, and Hema V. - An image compression method based on Ramanujan Sums	2021
---	--	------


Faculty Profile	and measures of central dispersion - Ratio Mathematica Vol. 41 pp:53-63	
2	Asokan K., Anil Kumar C. V., Dasan J., Radhakrishnan K., Satheesh Kumar K. and T. R. Ramamohan Review of chaos in the dynamics and rheology of suspensions of orientable particles in simple shear flow subject to an external periodic force - J. Non - Newtonian Fluid Mech. 129 pp.128-142 (2005)	2005

Awards Received

SL No	Title	Organisation
1	Srinivasa Ramanujan Mathematics	Indian Society for
2	Srinivasa Ramanujan Mathemtics	Indian Society for
3	Srinivasa Ramanujan Mathemtics	Indian Society for
4	Srinivasa Ramanujan Mathematics	Indian Society for

Positions Held

SL No	Details	Period
1	Lecturer of Mathemtatics	02/06/2004 to 31/
2	Assistant Professor of Mathematics	01/01/2006 to 01/
3	Associate Professor of Mathematics	02/06/2016 to till c

295.Name	Dr. ASOKAN K	
Date of Birth	29/05/1971	
Gender	Male	
Mobile No	9447439929	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Mathematics	
Date of Joining in the Institution	05/06/2007	
Qualification(UG)	B.Sc	
Qualification(PG)	M.Sc	
Qualification(Ph. D)	Ph.D	

Total Experience in 24 years

Faculty Profile

Total Experience in
years(Industry)

Total Experience in
years(Research) 26 years

Area of Specialisation time series analysis, chaos theory

No.of Papers
Published(National) 1

No.of Papers
Published(International) 14

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

Papers published in National Journals

SL No	Title	Year
1	"Improved tests for non- linearity using network- based statistics and surrogate data", Pramana- J.Phys, 95:141, 2021	2021

Papers published in International Journals

SL No	Title	Year
1	" Numerical evidence for the existence of a low- dimensional attractor and its implications in the rheology of dilute suspensions of periodically forced slender bodies" Physical Review E 60 (6), 6602, (1999)	1999
2	"A novel approach to computing the orientation moments of spheroids in simple shear flow at arbitrary Peclet number" , Physics of Fluids 14 , 75, (2002)	2002
3	"The rheology of a dilute suspension of Brownian dipolar spheroids in a simple shear flow under the action of an external force", Physics of Fluids 16 (2), 433-444, (2004)	2004
4	"Review of chaos in the dynamics and rheology of suspensions of orientable particles in simple shear flow subject to an external periodic force", Journal of non-Newtonian Fluid Mechanics 129 (3), 128-142, (2005)	2005
5	"Deterministic nature of the underlying dynamics of surface wind fluctuations", Annales Geophysicae, 30, 1503-1514, (2012)	2012
6	"Deterministic prediction of surface wind speed variations" Annales Geophysicae, 32, 1415–1425, (2014)	2014
7	"Exploratory social network analysis of affiliation networks of Indian listed companies ", Social Networks, 43, 113– 120, (2015)	2015
8	"Improved week-ahead predictions of wind speed using simple linear models with wavelet decomposition." Renewable Energy 93 (2016): 38-44.	2016

9	"Wind speed forecast using random forest learning method" International Journal on Computer	2017
---	---	------

Faculty Profile	Science and Engineering (IJCSE), Vol. 9 No.06 Jun 2017	
10	"Diverse dynamical characteristics across the frequency spectrum of wind speed fluctuations", Renewable Energy 119 (2018): 540-550.	2018
11	"Comparison of Variations of TEC at Disturbed and Quiet Time Using Nonlinear Dynamics Tools", Journal of Geophysical Research: Space Physics, 123-9 (2018): 7740-7754	2018
12	"Variation of wind speed distribution characteristics across Indian sub- continent", Int. J. Computing Science and Mathematics, Vol. 9, No. 6, 2018	2018
13	"Symbolic regression- based improved method for wind speed extrapolation from lower to higher altitudes for wind energy applications", Applied Energy, Vol. 260, No. 114270, 2020	2020
14	"Testing for nonlinearity in nonstationary time series: A network-based surrogate data test" PHYSICAL REVIEW E 104, 054217 (2021)	2021

Papers published in National Conferences

SL No	Title	Year
1	K. Asokan and K. Satheesh Kumar, "Modelling the Wind Speed Oscillation Dynamics", Eco-friendly Computing and Communication Systems Communications in Computer and Information Science, Springer-Verlag Berlin Heidelberg, Volume 305, (2012) Part 7, 311- 318, DOI: 10.1007/978-3-642-32112-2 37	2012

Books Published

SL No	Title	Coauthors
1	Probability distributions, random processes and numerical methods	V Hema
2	Probability distributions, transforms and numerical methods	V. Hema, G. S. Biju
3	Calculus of vector functions, ordinary differential equations and transforms	J. Dasan, G. S. Biju
4	Probability, random processes and numerical methods	V. Hema
5	Probability, statistics and numerical methods	V. Hema

Short Terms Courses/Workshops Organized

SL No	Title	Year and Sponsor
1	Dynamical systems and chaos theory	2018, Directorate of Higher Education, Government of Kerala

Positions Held

SL No	Details	Period
1	Lecturer/Assistant professor in Mathematics	2004-2012
2	Associate professor	2012-till date

Expert Talks Delivered

SL No	Title	Year
1	Random Processes	2014
2	"Deterministic nature of wind speed dynamics" in symposium on Complex systems and Applications	2015
3	Applications of Fourier series and transforms	2016

Faculty Profile

296.Name Dr. V. HEMA



Date of Birth 03/12/1974

Gender Female

Mobile No 9447203413

Faculty Type PERMANENT

Designation Associate Professor

Department Mathematics

Date of Joining in the Institution 02/06/2004

Qualification(UG) BSC

Qualification(PG) MSC

Qualification(Ph. D) PHD

Total Experience in years(Teaching) 19

Total Experience in years(Industry) nil

Total Experience in years(Research) 5

Area of Specialisation Mathematical Modelling

No.of Papers Published(National) 2

No.of Papers Published(International)

No.of Papers in conferences(National) 1

No.of Papers in conferences(International) 3

Professional Memberships Kerala Mathematical Association

Faculty Profile

297.Name **Dr.Anuradha N**



Date of Birth 13/10/1980

Gender Female

Mobile No 9446259970

Faculty Type PERMANENT

Designation Associate Professor

Department Mathematics

Date of Joining in the Institution 06/09/2021

Qualification(UG) B.Sc

Qualification(PG) M.Sc

Qualification(Ph. D) Mathematics

Total Experience in years(Teaching) 15 years 2 months

Total Experience in years(Industry)

Total Experience in years(Research)

Area of Specialisation General Topology

No.of Papers Published(National)

No.of Papers Published(International) 6

No.of Papers in conferences(National)

No.of Papers in conferences(International)


Professional Memberships

Papers published in International Journals

SL No	Title	Year
-------	-------	------

1	.N Anuradha and Baby Chacko,Some properties of almost perfectly continuous functions in	2015
---	---	------

Faculty Profile	topological spaces, International Mathematical forum, Vol. 10, No. 3, 2015, 143-156.	
2	N. Anuradha and Baby Chacko, Somewhat r -continuous and somewhat r -open functions, International Journal of Pure and applied Mathematics, Vol 100, No. 4, 2015, 507-524	2015
3	N. Anuradha and Baby Chacko, On minimal regular open sets and maps in topological spaces, Journal of Computer and Mathematical Sciences, Vol. 6(4), 2015, 182-192.	2015
4	N. Anuradha and Baby Chacko, On Supra r -open sets and Supra r -continuity, Journal of Computer and Mathematical Sciences, Vol. 7(8), 2016, 412-419	2016
5	N. Anuradha, r_o -operator in topological spaces, Malaya Journal of Matematik, Vol. 8, No. 3, 1237-1239, 2020	2020
6	N. Anuradha, r_c -operator on topological spaces, Malaya Journal of Matematik, Vol. 8, No. 4, 2026-2028, 2020	2020

298. Name	Harita Vijay	
Date of Birth	20/08/1974	
Gender	Female	
Mobile No	9447890795	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Mathematics	
Date of Joining in the Institution	03/06/2004	
Qualification(UG)	BSc	
Qualification(PG)	Msc	
Qualification(Ph. D)	PhD	
Total Experience in years(Teaching)	17	
Total Experience in years(Industry)		
Total Experience in years(Research)	5 years	
Area of Specialisation	Algebra	
No. of Papers Published(National)	1	
No. of Papers	2	

Published(International)**Faculty Profile**

No.of Papers in
conferences(National) 1

No.of Papers in
conferences(International)

Professional
Memberships KMA

299.Name ANIL KUMAR B.T.



Date of Birth 18/05/1976

Gender Male

Mobile No 9447051139

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mathematics

Date of Joining in the
Institution 19/06/2006

Qualification(UG) B.Sc

Qualification(PG) M.SC

Qualification(Ph. D)

Total Experience in
years(Teaching) 17

Total Experience in
years(Industry)

Total Experience in
years(Research)

Area of Specialisation Algebra

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in

conferences(International)

Faculty Profile

Professional
Memberships

300.Name Dr. Sajikumar S



Date of Birth	10/05/1975
Gender	Male
Mobile No	9207896034
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mathematics
Date of Joining in the Institution	08/06/2012
Qualification(UG)	B.Sc, B.Ed
Qualification(PG)	M.Sc
Qualification(Ph. D)	PhD
Total Experience in years(Teaching)	17 years
Total Experience in years(Industry)	Nil
Total Experience in years(Research)	Five years
Area of Specialisation	Image Processing
No.of Papers Published(National)	Nil
No.of Papers Published(International)	Two
No.of Papers in conferences(National)	Nil
No.of Papers in conferences(International)	Two

Professional
Memberships

Papers published in International Journals

Papers published in International Journals

Faculty Profile


SL No	Title	Year
1	Sajikumar, S., and A. K. Anilkumar. "Image compression using Chebyshev polynomial surface fit." Int. J. Pure Appl. Math. Sci 10 (2017): 15-27.	2017
2	Sajikumar, S., Dasan, J., & Hema, V. (2021). An image compression method based on ramanujan sums and measures of central dispersion. Ratio Mathematica, 41, 53-63. doi:http://dx.doi.org/10.23755/rm.v41i0.683	2021
3	S. Sajikumar and A. K. Anilkumar, "An Object Tracking Algorithm Based on Motion-Tuned Continuous Wavelet Transform," 2019 3rd International Conference on Trends in Electronics and Informatics (ICOEI), 2019, pp. 125-129, doi: 10.1109/ICOEI.2019.8862614.	2019
4	S. Sajikumar, P. Bhanumathy and A. K. Anilkumar, "Monocular Visual Odometry Approach for Trajectory Estimation of a Moving Object Using Ground Plane Geometry," 2019 2nd International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT), 2019, pp. 234-237, doi: 10.1109/ICICICT46008.2019.8993259.	2019

Papers published in International Conferences

SL No	Title	Year
1	S. Sajikumar, P. Bhanumathy and A. K. Anilkumar, "Monocular Visual Odometry Approach for Trajectory Estimation of a Moving Object Using Ground Plane Geometry," 2019 2nd International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT), 2019, pp. 234-237, doi: 10.1109/ICICICT46008.2019.8993259.	2019
2	S. Sajikumar and A. K. Anilkumar, "An Object Tracking Algorithm Based on Motion-Tuned Continuous Wavelet Transform," 2019 3rd International Conference on Trends in Electronics and Informatics (ICOEI), 2019, pp. 125-129, doi: 10.1109/ICOEI.2019.8862614.	2019

Awards Received

SL No	Title	Organisation
1	Best Paper Award	International confe
2	Best Paper Award	International Conf

301.Name	Indu L	
Date of Birth	05/05/1993	
Gender	Female	
Mobile No	9400723591	
Faculty Type	PERMANENT	

Designation Assistant Professor_Regular

Faculty Profile	
Department	Mathematics
Date of Joining in the Institution	22/09/2020
Qualification(UG)	B.Sc Mathematics
Qualification(PG)	M.Sc Mathematics
Qualification(Ph. D)	
Total Experience in years(Teaching)	1.5
Total Experience in years(Industry)	
Total Experience in years(Research)	3
Area of Specialisation	Functional Analysis
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

302.Name **S.INDUMATHI**



Date of Birth	24/12/1965
Gender	Female
Mobile No	9495376605
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mathematics

Date of Joining in the 19/09/2001

**Institution
Faculty Profile**

Qualification(UG)	B.Sc Mathematics
Qualification(PG)	M.Sc Mathematics
Qualification(Ph. D)	
Total Experience in years(Teaching)	22
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	Functional Analysis
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

303.Name **SANOOJ B**

Date of Birth	16/11/1980
Gender	Male
Mobile No	9744533724
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mathematics
Date of Joining in the Institution	09/10/2014
Qualification(UG)	B.Sc

Qualification(PG) M.Sc

Faculty Profile
Qualification(Ph. D)

Total Experience in years(Teaching)	11
-------------------------------------	----

Total Experience in years(Industry)	
-------------------------------------	--

Total Experience in years(Research)	
-------------------------------------	--

Area of Specialisation	Linear Dynamics
------------------------	-----------------

No.of Papers Published(National)	
----------------------------------	--

No.of Papers Published(International)	1
---------------------------------------	---

No.of Papers in conferences(National)	
---------------------------------------	--

No.of Papers in conferences(International)	
--	--

Professional Memberships	
--------------------------	--

Papers published in International Journals

SL No	Title	Year
1	Li-Yorke chaotic eigen set of the backward shift operator on $l_2(N)$ https://doi.org/10.1515/conop-2020-0105 Received February 19, 2020; accepted September 15, 2020	September 15, 2020

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Special Summer School Programme (Equivalent to an Orientation Programme or a Refresher Course)	21 days, 28-05-2020
2	Refresher Course in Mathematics and Statistics	21 days, 19-07-2020
3	Short-Term Course in Student Counselling and Mentoring	One week, 04-07-2020
4	Workshop on Problem Solving and Programming with Python	One week, 10-08-2020
5	Short-Term Program on Disaster Management	One week, 07-09-2020

6	Short-Term Course on Deep Learning
---	------------------------------------

One week, 14-09-2020

Faculty Profile

7	Short Term Program on Building Competencies of Teachers in Blended Learning and Teaching	One week, 17th to 23rd Nov 2019
8	Short Term Program on Soft Skills for Effective Teaching	One week, 31st Mar to 6th Apr 2020

304.Name **SHEENA S**



Date of Birth 30/05/1983

Gender Female

Mobile No 9995904567

Faculty Type PERMANENT

Designation Assistant Professor-Regular

Department Mathematics

Date of Joining in the Institution 02/06/2015

Qualification(UG) BSc Mathematics

Qualification(PG) MSc Mathematics, MPhil

Qualification(Ph. D)

Total Experience in years(Teaching) 11

Total Experience in years(Industry)

Total Experience in years(Research)

Area of Specialisation Abstract Algebra, Engineering Mathematics

No.of Papers Published(National)

No.of Papers Published(International)

No.of Papers in

conferences(National)

Faculty Profile

No.of Papers in
conferences(International)

Professional
Memberships

305.Name **Tonny K B**



Date of Birth 05/10/1981

Gender Male

Mobile No 9497332983

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Mathematics

Date of Joining in the
Institution 04/11/2011

Qualification(UG) B.Sc Mathematics

Qualification(PG) M.Sc Mathematics

Qualification(Ph. D)

Total Experience in
years(Teaching) 11 years 7 months

Total Experience in
years(Industry)

Total Experience in
years(Research) 2 years

Area of Specialisation Topology

No.of Papers
Published(National)

No.of Papers 1
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional

Papers published in International Journals

SL No	Title	Year
1	On Continuous Functions on the Digital Space Z_n , International Journal of Tomography & Simulation	2009

306.Name **Varun Soman**



Date of Birth	03/09/1987
Gender	Male
Mobile No	9744562644
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Mathematics
Date of Joining in the Institution	18/07/2018
Qualification(UG)	B.Sc Mathematics
Qualification(PG)	M.Sc Mathematics
Qualification(Ph. D)	
Total Experience in years(Teaching)	10
Total Experience in years(Industry)	0
Total Experience in years(Research)	0
Area of Specialisation	Functional Analysis, Number Theory, Discrete Mathematics
No.of Papers Published(National)	0
No.of Papers Published(International)	0
No.of Papers in conferences(National)	0
No.of Papers in	0

conferences(International)

Faculty Profile

Professional Memberships	Not Applicable
--------------------------	----------------

307.Name	VINOD S	
-----------------	----------------	---

Date of Birth	31/05/1976
---------------	------------

Gender	Male
--------	------

Mobile No	9446271678
-----------	------------

Faculty Type	PERMANENT
--------------	-----------

Designation	Assistant Professor_Regular
-------------	-----------------------------

Department	Mathematics
------------	-------------

Date of Joining in the Institution	01/09/2021
------------------------------------	------------

Qualification(UG)	B.Sc
-------------------	------

Qualification(PG)	M.Sc, M.Phil
-------------------	--------------

Qualification(Ph. D)	
----------------------	--

Total Experience in years(Teaching)	17 years
-------------------------------------	----------

Total Experience in years(Industry)	nil
-------------------------------------	-----

Total Experience in years(Research)	3 years
-------------------------------------	---------

Area of Specialisation	algebra
------------------------	---------

No.of Papers Published(National)	
----------------------------------	--

No.of Papers Published(International)	14
---------------------------------------	----

No.of Papers in conferences(National)	
---------------------------------------	--

No.of Papers in conferences(International)	
--	--

Professional Memberships	
--------------------------	--

308.Name	Dr.Johnson T T	
-----------------	-----------------------	---

Faculty Profile



Date of Birth	24/05/1968
Gender	Male
Mobile No	9447450408
Faculty Type	PERMANENT
Designation	Assistant Professor_Adhoc
Department	Mathematics
Date of Joining in the Institution	9/6/2011
Qualification(UG)	BA Economics
Qualification(PG)	MA Economics
Qualification(Ph. D)	Ph.D
Total Experience in years(Teaching)	12 years
Total Experience in years(Industry)	
Total Experience in years(Research)	5 years
Area of Specialisation	Economics
No.of Papers Published(National)	1
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Papers published in National Journals

SL No	Title	Year
1	Housing Affordability Among the Middle Class in Thiruvananthapuram City: A Case Study	2021

Books Published

SL No	Title	Coauthors
1	Business Economics	Nil

Faculty Profile	Industrial Economics and Foreign Trade	Nil
------------------------	--	-----

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Winter School (Multidisciplinary)	2 weeks
2	Research Methodology	1 week

309.Name Dr. Binu S



Date of Birth	29/05/1968
Gender	Male
Mobile No	9526279057
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Physics
Date of Joining in the Institution	02/06/2016
Qualification(UG)	B.Sc
Qualification(PG)	M.Sc, M.Phil.
Qualification(Ph. D)	Ph.D
Total Experience in years(Teaching)	07
Total Experience in years(Industry)	
Total Experience in years(Research)	4 (Postdoctoral Research)
Area of Specialisation	Fibre Optic Sensors
No.of Papers Published(National)	1
No.of Papers Published(International)	10
No.of Papers in	6

conferences(National)

Faculty Profile

No.of Papers in
conferences(International)

12

Professional
Memberships

Papers published in International Journals

SL No	Title	Year
1	S.Binu, K.Kochunarayanan, V P Mahadevan Pillai, N.Chandrasekaran "PMMA (polymethyl methacrylate) fibre optic probe as a non- contact liquid level sensor" "Microwave and Optical Technology Letters"Vol.52, 2114-2118	2010
2	S.Binu, V.P.Mahadevan Pillai, V.Pradeepkumar, BB Padhy, CS Joseph, N.Chandrasekaran, "Fibre optic glucose sensor" Materials Science and Engineering C, Vol.29, 183-186	2009
3	S.Binu, "Calibration of accelerometers by using an extrinsic fiber optic probe" Microwave and Optical Technology Letters, Vol.49, 2700-2703	2007
4	S.Binu, V.P.Mahadevan Pillai, N.Chandrasekaran "Fibre optic target reflectivity sensor" Optical and Quantum Electronics, Vol.39, 747-752	2007
5	S.Binu, V.P.Mahadevan Pillai, N.Chandrasekaran "Fibre optic displacement sensor for the measurement of amplitude and frequency of vibration" Optics and Laser Technology, Vol.39, 1537-1543	2007

Awards Received

SL No	Title	Organisation
1	Research Associateship	(Council of Scient CSIR, New Delhi, Physics/Electronic
2	Postdoctoral Research Fellowship	National Science
3	Visiting Research Fellowship	Photonics Resear Malaya, Malaysia
4	Postdoctoral Research Fellowship	Department of Infr University of Padu

310.Name **HARITHA VG**



Date of Birth 19/05/1974

Gender Female

Mobile No 9446795524

Faculty Type PERMANENT


Designation Assistant Professor_Regular

Department Physics

Date of Joining in the 01/02/2012

**Institution
Faculty Profile**

Qualification(UG)	BSc
Qualification(PG)	MSc, M phil
Qualification(Ph. D)	
Total Experience in years(Teaching)	10Yrs
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	1
Professional Memberships	

311.Name	SAJEEV MOHAN.M	
Date of Birth	31/05/1970	
Gender	Male	
Mobile No	9495297609	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Physics	
Date of Joining in the Institution	16/06/2008	
Qualification(UG)	B.Sc (PHYSICS)	
Qualification(PG)	M.Sc (PHYSICS}	
Qualification(Ph. D)		
Total Experience in years(Teaching)	15	

Total Experience in

years(Industry)
Faculty Profile

Total Experience in
years(Research)

Area of Specialisation APPLIED ELECTRONICS

No.of Papers
Published(National)

No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

312.Name **SINDHU R L**



Date of Birth 15/05/1978

Gender Female

Mobile No 9656306449

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Physics

Date of Joining in the
Institution 06/06/2013

Qualification(UG) B Sc

Qualification(PG) M Sc

Qualification(Ph. D)

Total Experience in
years(Teaching) 11

Total Experience in
years(Industry)

Total Experience in
years(Research)

Area of Specialisation Nanoscience

No.of Papers
Published(National)

No.of Papers

Published(International)
Faculty Profile

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

313.Name **SINI CHANDRAN**



Date of Birth 19/05/1980

Gender Female

Mobile No 8111911653

Faculty Type PERMANENT

Designation Assistant Professor_Regular

Department Physics

Date of Joining in the
Institution 06/06/2013

Qualification(UG) BSc

Qualification(PG) MSc

Qualification(Ph. D)

Total Experience in
years(Teaching) 10 Years

Total Experience in
years(Industry)

Total Experience in
years(Research)

Area of Specialisation

No.of Papers
Published(National)


No.of Papers
Published(International)

No.of Papers in
conferences(National)

No.of Papers in
conferences(International)

Professional
Memberships

Faculty Profile

314.Name	Dr. Muhammed Arif M	
Date of Birth	09/05/1970	
Gender	Male	
Mobile No	9447238272	
Faculty Type	PERMANENT	
Designation	Associate Professor	
Department	Chemistry	
Date of Joining in the Institution	03/06/2015	
Qualification(UG)	BSc. Chemistry	
Qualification(PG)	MSc Chemistry and NET UGC-CSIR	
Qualification(Ph. D)	Chemistry	
Total Experience in years(Teaching)	26 years	
Total Experience in years(Industry)	Nil	
Total Experience in years(Research)	5 years	
Area of Specialisation	Natural Products Chemistry, Polymer chemistry	
No.of Papers Published(National)	6	
No.of Papers Published(International)	8	
No.of Papers in conferences(National)	4	
No.of Papers in conferences(International)	2	
Professional Memberships		

315.Name **BRINGLE C DAS**


Faculty Profile



Date of Birth	10/02/1979
Gender	Male
Mobile No	7034667401
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Chemistry
Date of Joining in the Institution	06/01/2016
Qualification(UG)	B Sc Chemistry
Qualification(PG)	Msc Chemistry
Qualification(Ph. D)	Ph D Chemistry
Total Experience in years(Teaching)	6 years 2 months
Total Experience in years(Industry)	4.5
Total Experience in years(Research)	5
Area of Specialisation	clays
No.of Papers Published(National)	1
No.of Papers Published(International)	4
No.of Papers in conferences(National)	4
No.of Papers in conferences(International)	
Professional Memberships	

316.Name	Dr. DHANYA S. R.	
Date of Birth	31/01/1987	
Gender	Female	
Mobile No	9946289791	

Faculty Profile	
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Chemistry
Date of Joining in the Institution	17/07/2018
Qualification(UG)	B.Sc. Chemistry
Qualification(PG)	M.Sc. Chemistry
Qualification(Ph. D)	PhD Chemical Science
Total Experience in years(Teaching)	3 years 7 months
Total Experience in years(Industry)	
Total Experience in years(Research)	6 years
Area of Specialisation	Phytochemistry
No.of Papers Published(National)	
No.of Papers Published(International)	13
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

317.Name	Dr. GOWRI SREEDEVI K. C.	
Date of Birth	31/05/1984	
Gender	Female	
Mobile No	8848451291	
Faculty Type	PERMANENT	
Designation	Assistant Professor_Regular	
Department	Chemistry	
Date of Joining in the Institution	01/06/2018	
Qualification(UG)	B. Sc. Chemistry	
Qualification(PG)	M. Sc. Chemistry	

Faculty Profile	
Qualification(Ph. D)	Ph.D
Total Experience in years(Teaching)	4 years
Total Experience in years(Industry)	No
Total Experience in years(Research)	6
Area of Specialisation	Organic and photochemistry
No.of Papers Published(National)	
No.of Papers Published(International)	8
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

Papers published in International Journals

SL No	Title	Year
1	Engineering diformyl diaryldipyrromethane into a molecular keypad lock KCG Sreedevi, AP Thomas, B Adinarayana, A Srinivasan New Journal of Chemistry 44 (27), 11768-11776	2020
2	TDDFT Investigation on Photoinduced Excited State Intramolecular Dual Proton Transfer in Diformyl Dipyrromethanes, . Phys. Chem. A 2016, 120, 50, 9894–9906	2016
3	Photoenolization via excited state double proton transfer induces “turn on” fluorescence in diformyl diaryl dipyrromethane KCG Sreedevi, AP Thomas, KH Aparna, R Pradhan, MLP Reddy, Chemical Communications 50 (63), 8667-8669	2014
4	meso-Tetrakis (3, 5-dihydroxyphenyl) N-confused porphyrin: influence of polar protic and aprotic solvents in tautomeric existence, exchange and morphology AP Thomas, KCG Sreedevi, B Adinarayana, S Ramakrishnan, ... RSC advances 3 (38), 16967-16972	2013
5	4, 4, 9, 9-Tetraphenyl pyrroloindolizine: a structural analogue of calix [2] pyrrole KCG Sreedevi, AP Thomas, S Ramakrishnan, PS Salini, MGD Holaday, ... Organic & Biomolecular Chemistry 10 (18), 3600-3605	2012
6	ansa-Ferrocene-Incorporated Calixpyrroles and Calixphyrins: Syntheses and Spectral/Structural Characterization S Ramakrishnan, KS Anju, AP Thomas, KC Gowri Sreedevi, PS Salini, ... Organometallics 31 (11), 4166-4173	2012
7	5, 5-Diaryldipyrromethanes: syntheses and anion binding properties KCG Sreedevi, AP Thomas, PS Salini, S Ramakrishnan, KS Anju, ... Tetrahedron letters 52 (45), 5995-5999	2011
8	Calix[2]-m-benzo[4]phyrin with Aggregation-Induced Enhanced-Emission Characteristics: Application as a HgII Chemosensor PS Salini, AP Thomas, R Sabarinathan, S Ramakrishnan, KCG Sreedevi, ... Chemistry–A European Journal 17 (24), 6598-6601	2011

Faculty Profile

318.Name **Rani Pavithran**



Date of Birth	30/05/1973
Gender	Female
Mobile No	09562097712
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Chemistry
Date of Joining in the Institution	04/09/2020
Qualification(UG)	B.Sc.
Qualification(PG)	M.Sc.
Qualification(Ph. D)	Ph.D.
Total Experience in years(Teaching)	11
Total Experience in years(Industry)	
Total Experience in years(Research)	8
Area of Specialisation	Chemistry
No.of Papers Published(National)	3
No.of Papers Published(International)	17
No.of Papers in conferences(National)	8
No.of Papers in conferences(International)	4
Professional Memberships	Life member, REAI ; Life member, ISAS

Ph.D's Guided

Area of Specialisation Material Science, Nano technology

University University of Kerala

Faculty Profile Student Name	Thesis Title	Year
Sindhu T K	Tuning the Luminescence of lanthanide metal organic frameworks	2014

Projects Guided in Master's Level

Area of Specialisation	Nanocomposites	
University	University of Kerala	
Student Name	Project Title	Year
Aswathy S	SYNTHESIS AND CHARACTERISATION OF Fe ₃ O ₄ NPs@ Zr-BDC MOF NANOCOMPOSITES	2021
GOPIKA U. U.	Fe ₃ O ₄ NPs@ Zr/Fe-BDC MOF Nano Composite Fabricated by Solvothermal Method	2021
GANGA S.	DEVELOPMENT OF NANOCOMPOSITE OF COPPER OXIDE NANOPARTICLES WITH BIMETALLIC Cr/Fe METAL ORGANIC FRAMEWORK WITH TEREPHTHALIC ACID	2021
NANDANA S. SATHEESAN	DEVELOPMENT OF NANOCOMPOSITE OF COPPER OXIDE NANOPARTICLES WITH METAL ORGANIC FRAMEWORK OF CHROMIUM	2021
RESHMA S.	Facile Fabrication of Nano Composite of Fe ₃ O ₄ NPs@ Zr/Cr-BDC MOF	2021
SRUTHI KRISHNA S.	SYNTHESIS AND CHARACTERISATION OF NANOCOMPOSITE OF COPPER OXIDE NANOPARTICLES WITH METAL ORGANIC FRAMEWORK OF IRON	2021

Papers published in International Journals

SL No	Title	Year
1	Design of 3D-supramolecular metal organic framework of zinc as photocatalyst for the degradation of methylene blue through advanced oxidation process, Sindhu T K , Rani Pavithran, Vidhya A. Journal of Molecular Structure, 1245, 2021, 131039	2021
2	Metal organic framework for sensing toxic metal ions in water, M.S. Sreevidya, Rani Pavithran, Materials Today: Proceedings, 2020, Volume 41, Part 3, 2021, Pages 479-489, DOI: 10.1016/j.matpr.2020.05.231	2021
3	Stacked nano rods of cobalt and nickel based metal organic frame work of 2eamino benzene dicarboxylic acid for photocatalytic hydrogen generation, P.C. Meenu, M. Ameen Sha, Rani Pavithran, V.S. Dilimon, S.M.A. Shibli, International Journal of hydrogen energy, 2020, Volume 45, Issue 46, Pages 24582-24594 DOI: 10.1016/j.ijhydene.2020.06.135	2020
4	Synthesis, conformational, characterization and reactivity study of 1,7- bis(4-bromophenyl)heptane-1,7-dione, P. Krishna Murthy, V. Suneetha, M. Smitha, Y. Sheena Mary, Stevan Armakovic, Sanja J. Armakovic, R. Sreenivasa Rao, P.A. Suchetan, Abdulaziz A. Al-Saadi, Rani Pavithran, Journal of Molecular Structure 1175, 2019, 269-279.	2019
5	Synthesis, spectral characterisation, quantum mechanical analysis and light harvesting properties of two azoimidazole analogues, M. Smitha, Y. Sheena Mary, Kiran Pradhan, Dhiraj Brahman, Y. Shyma Mary, Renjith Thomas, Rani Pavithran, C. Van Alsenoy, Journal of Molecular Structure 1197, 2019, 45-55.	2019

Books Published

SL No	Title	Coauthors
1	Madam Curie A Life story	Nil
2	Comprehensive Text Book in Chemistry for Plus Two	Nil

Awards Received

Awards Received

Faculty Profile

SL No	Title	Organisation
1	Best paper award in the International Symposium on Advanced Functional Materials (ISAFM 2018)	PG & Research D Mar Ivanios College
2	CSIR JRF	CSIR
3	CSIR SRF	CSIR
4	Best paper and best presentation Award in the Symposium on NUCAR 2003 held at BARC, Mumbai	IANCAS and Radi Bhabha Atomic Re Mumbai

Short Terms Courses/Workshops Attended

SL No	Title	Duration
1	Short Term Course in MOOCS	7 days
2	Short Term Course in Group Theory	7 days
3	Two weeks MOOC course (online) on Online Learning and Content Development	14 days
4	Online Education in HEIs	7 days
5	Online training programme in LMS and Moodle	10 days
6	Short term course in Disaster Management	7 days

Positions Held

SL No	Details	Period
1	Assistant Professor, Government Polytechnic College , Nattakom, Kottayam	24/11/2010-07/06/
2	Assistant Professor, Department of Chemistry, College of Engineering Trivandrum	08/06/2011 to 31/1
3	Assistant Professor, Department of Chemistry, University College	01/06/2015 to 29/1
4	Assistant Professor, Central Polytechnic College, Vattiyoorkkavu	30/07/2019 to 03/1
5	Assistant Professor & Head, Department of Chemistry, College of Engineering Trivandrum	04/09/2020 till dat

Expert Talks Delivered

SL No	Title	Year
1	Nanocomposites as photocatalysts for hydrogen Evolution	2021

Faculty Profile

319.Name Dr. Praveen Kumar T K



Date of Birth 16/01/1976

Gender Male

Mobile No 9495339615

Faculty Type PERMANENT

Designation Associate Professor

Department Physical Education

Date of Joining in the Institution 17/06/2019

Qualification(UG) BPE

Qualification(PG) MPE

Qualification(Ph. D) Ph.D

Total Experience in years(Teaching) 22

Total Experience in years(Industry)

Total Experience in years(Research)

Area of Specialisation

No.of Papers Published(National)

No.of Papers Published(International)

No.of Papers in conferences(National)

No.of Papers in conferences(International)

Professional Memberships

320.Name Dr.Prasannakumaran. K



Faculty Profile

Date of Birth	05/05/1972
Gender	Male
Mobile No	944738829
Faculty Type	PERMANENT
Designation	Associate Professor
Department	Physical Education
Date of Joining in the Institution	08/09/2021
Qualification(UG)	BPE
Qualification(PG)	MPE
Qualification(Ph. D)	Physical Education
Total Experience in years(Teaching)	25years
Total Experience in years(Industry)	
Total Experience in years(Research)	26 Years
Area of Specialisation	Sports Psychology
No.of Papers Published(National)	4
No.of Papers Published(International)	3
No.of Papers in conferences(National)	2
No.of Papers in conferences(International)	2
Professional Memberships	1.Joint Secretary Kerala Kho Kho Association.2. District Secretary TVM Kho KHO Association

321.Name	Dr. AJAI KUMAR G I	
Date of Birth	01/04/1975	
Gender	Male	
Mobile No	9847067887	

Faculty Profile	
Faculty Type	PERMANENT
Designation	Assistant Professor_Regular
Department	Physical Education
Date of Joining in the Institution	06/06/2013
Qualification(UG)	BPE
Qualification(PG)	MPE
Qualification(Ph. D)	Ph D
Total Experience in years(Teaching)	20 YEARS
Total Experience in years(Industry)	
Total Experience in years(Research)	
Area of Specialisation	
No.of Papers Published(National)	
No.of Papers Published(International)	
No.of Papers in conferences(National)	
No.of Papers in conferences(International)	
Professional Memberships	

11. ADMISSION PROCEDURE

❖ NAME, CRITERIA, WEIGHTAGES AND OTHER DETAILS OF ADMISSION TEST FOLLOWED

Sl. No.	Name of the admission test	Procedure
B.Tech/B.Arch		
1	KEAM-2021	https://www.cee.kerala.gov.in/keam2021/pdf/Prospectus.pdf
2	LET-2021	http://14.139.171.173/lcapNew/uploads/pdf/pros2021.pdf
3	PMSSS-2021	https://aicte-india.org/sites/default/files/FULL%20INSTRUCTION%20MANUAL_3.pdf
4	CSAB-2021	https://csab.nic.in/csabNeut/WebInfo/File/GetFile?FileId=2&LangId=P
M.Tech/M.Arch		
5	MCAP-2021	http://admissions.dtekerala.gov.in/mcap/bundles/app/images/mtech2021.pdf
MCA/MBA		
6	LBS MCA-2021	https://lbscentre.in/mcompapplication2021/downloads/prospectus.pdf
7	CAT, CMAT & KMAT	http://www.mbaadmissions.cet.ac.in/uploads/pdf/Prospectus2021.pdf
Ph.D.		
8	Ph.D. ADMISSION 2021-22	https://www.cet.ac.in/wp-content/uploads/2022/03/1.-Ph.D-registration-process-March.pdf

12. INFORMATION OF INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

❖ RESEARCH

Sl No.	Name of the Department/Lab	Research Facilities
CIVIL ENGINEERING		
1	Environmental Engineering Research Lab	<ul style="list-style-type: none"> • Atomic Absorption Spectrophotometer • Micro controller based UV VIS Spectrophotometer • Phosphate Analyzer
2	Microbiology Lab	<ul style="list-style-type: none"> • Vertical Autoclave • Biological safety cabinet-Class II
3	P G Hydraulics lab	<ul style="list-style-type: none"> • Reynolds apparatus • Hydrology apparatus • Acoustic Doppler velocimeter • Water level sensor • Infiltrometer • Weighing balance
4	Concrete Laboratory	<ul style="list-style-type: none"> • Rapid Chloride Permeability Test (RCPT) • Ultrasonic Pulse Velocity (UPV) Test • Tests on cement • Digital Schmidt Rebound Hammer
ELECTRICAL ENGINEERING		
5	Department of Electrical Engineering	Rotary Servo with Multi DOF Torsion module
6	Power Systems Lab	<ul style="list-style-type: none"> • Solar PV Training System • High Voltage Testing • Electrical Power Transmission Line Training System

MECHANICAL ENGINEERING		
7	Material Science	<ul style="list-style-type: none"> • 100 kN Computerized Universal Testing Machine. • Upright Metallographic Microscope • Metallographic Specimen Cutoff machine • Stir Casting Furnace with Squeeze Casting and Centrifugal Casting setup
8	Metallurgy lab	<ul style="list-style-type: none"> • High temperature box type furnace • High temperature tubular furnace • Double Disc Polishing Machine • Micro Vickers Hardness Tester
9	Micro/Nano Fluidics Research Laboratory	<ul style="list-style-type: none"> • HOTOPâ„¢ DIGITAL HOT PLATE • HPT-100 – Plasma Surface Treatment • Ultrasonic Cleaning Bath Sonicator • Ultrasonic Processor Vibra Cell • Spin Coater Series 4000 • Leica Dmi8 Inverted Fluorescent Microscope • Fluke 62 max infrared thermometer
ELECTRONICS & COMMUNICATION ENGINEERING		
10	Power Electronics Research Lab	<ul style="list-style-type: none"> • Two level inverter • Cascaded 3-level Inverter • Logic Analyzer • Mixed Domain Oscilloscope • Isolation Transformer • Five Phase Induction Moto • Three phase induction motor with open end winding configuration
COMPUTER SCIENCE & ENGINEERING		
11	Research Lab	<ul style="list-style-type: none"> • High-End Graphics Workstation • Desktop Computers
CHEMISTRY		
12	Chemistry Lab	UV-Visible Spectrophotometer

COMPUTING FACILITIES	
13. Central Computing Facility	
<p>The CCF comprises of Server room and 3 Labs equipped with 11 high end servers in which applications and software such as Campusoft, MATLAB, Faculty Evaluation etc. are hosted, 200 plus computers and other accessories including printers, scanners, LCD projectors etc. that is available for the use of the staff and the students of the Institution. E-journals and research publications such as Science Direct Publications, ASME, ASCE, IEEE etc. are also available. An EPBX for the intercom facility of the College is also housed here.</p> <p>The facility is served by a 1Gbps leased line internet connection availed under the NKN scheme of the Central Government. It is the hub of the Campus wide Network backbone and distributes the internet connectivity throughout the Campus via fibre optical connectivity including Ladies Hostel, enabling 24 X 7 internet access. A Wi-Fi connection is also set-up in the College.</p> <p>An outstanding part of the facility is the Sree Chithirathirunal Centre for Computing. It is a fully furnished lab room equipped with state of the art ICT devices and technologies. 96 high-end desktop PCs and other accessories including printers, scanners are provided for fulfilling the academic needs of our students. Seminars, workshops, training sessions etc is conducted by utilizing this facility for the over-all development of staff and student community.</p> <p>Another focus of the facility is the Centre for Training in Software Engineering (CTSE). It is well-equipped with 48 Computers, which are entirely networked and enabled with internet access. This is extensively used for conducting technical training sessions, classes, seminars as well as short term courses on a variety of topics related to computing and Information Technology. Short-term courses on current technologies are regularly conducted here for the benefit of our students and also the public.</p>	
Internet Bandwidth	1Gbps leased line internet connection availed under the NKN scheme
Number and configuration of System	2000 Nos. and i3 + 4GB + 500GB HDD + Windows/Ubuntu
Total number of system connected by LAN	2000 Nos.
Total number of system connected by WAN	2000 Nos.
Major software packages available	MATLAB, NI-LabVIEW, ABACUS
Special purpose facilities available (Conduct of online Meetings/Webinars/ Workshops, etc.)	Zoom, Google Meet, Webex

❖ TECHNICAL LIBRARY

With a large collection of books, periodicals and reports, the library serves the needs of the staff and students of this College. The library is kept open from 9 a.m. to 8 p.m. on all working days. 11.145 seats with individual tables are provided in the reading room and current periodical's room for the convenience of the students/faculty. Books will be issued from the book Bank section to all SC/ST students and all OBC students whose parent's annual income does not exceed Rs.100, 000. A large collection of old question papers are also available in the library.

The College Library consists of:

- a) Reference section
- b) Lending section
- c) Current periodicals section
- d) Back volumes section
- e) Book bank for students of Scheduled Caste/Tribe
- f) Book bank for financially backward students
- g) Reading room
- h) Reprographic section
- i) Journal, E-journal and E-Book section
- j) Binding section

Total number of books in various sections:

Lending section	:	42,740
Reference section	:	23000
Book bank section	:	24013
Back volumes	:	11216
Current periodicals	:	43
Journals	:	138
E-Books	:	172
E-journals	:	2500

❖ CENTRE FOR CONTINUING EDUCATION (CCE)

Centre for Continuing Education (CCE) is an autonomous body set up under the Board of Governors of College of Engineering, Trivandrum to promote Continuing Education programs and to undertake Industrial Consultancy assignments. The Centre is now consultant to various Central/State Government and private organizations carrying out Structural Engg. Design, soil Investigation, Survey, Architectural design, Hydraulic design, Hydrological review of dams, Heat transfer analysis of turbine stage and various other consultancy projects. Testing works are also carried out through this centre. A number of short-term courses, training programs, and workshops have been conducted by the centre for the benefit of practicing engineers, teachers, weaker sections of society and others. The functioning of the centre is governed by the Institutional Programme Implementation Unit (IPIU). The Manager of the centre is Dr. Anil R, Associate Professor, Department of Civil Engineering.

Major Areas of Consultancy

- a) Department of Civil Engineering
- b) Department of Mechanical Engineering
- c) Department of Electrical & Electronics Engineering
- d) Department of Business Administration
- e) Department of Computer Application

❖ CENTRE FOR INDUSTRIAL TRAINING, CONSULTANCY & SPONSORED RESEARCH (ITC&SR)

The Sponsored research and industrial consultancy are two important modes through which the faculty maintains contact with the frontiers of knowledge and the latest developments in technology. We have entered an era when the products and their technological contents are changing rapidly due to intense competition in the globalized market. The life of a generation of product has been reduced to only a few years and is becoming increasingly shorter. In these times of continuous innovation and fast changing technology the curriculum must also be updated continuously to keep pace with time and research and consultancy projects help the faculty to enrich the curriculum on a regular basis to offer quality education in science and technology. Thus, the activities of sponsored research and industrial consultancy have become an essential part of the research and professional activities of the faculty of the college. The specific objectives of the Centre are as follows:

- a) To channelize the specialized technical competence and expertise of the faculty and staff of the Institute for industrial consultancy and research.
- b) To act as a link between the Institute and Industry to enable the state-of the art testing facilities available at various laboratories to be effectively utilized for the growth and development of the Industry in the region.
- c) To share expertise with the industry in development, fabrication and design of modern processes, machines and devices.
- d) To offer total consultancy in select sectors, that have relevance to the country, in collaboration with Indian or foreign consultancy groups if necessary, so that the staff and students of the Institute are associated with the industrial growth and advancement of the country.
- e) To support the faculty to prepare and submit research projects to various funding agencies.
- f) To conduct training for professionals and executives in Industry, Business and Service sector so as to enable them to cop up with the fast changing technological and managerial environment.
- g) To conduct in service training to workers in the industries of organized and unorganized sectors for enhancement of productivity and equip them to meet the changes in technology.
- h) To make training needs analysis of specific sectors and plan and organize suitable training programme for them.
- i) To channelize the expertise of faculty to assist the industries to set up their R & D activities in the TREST Research Park and Technological Business Incubation Centre of CET.
- j) To support educational outreach activities.
- k) To undertake socially relevant projects/development of technology which are of immediate relevance to the society in the state, through faculty/technical staff and student initiation.

In order to co-ordinate the sponsored research, industrial consultancy and training activities in the college, the Centre for Industrial Training, Consultancy & Sponsored Research (ITC & SR) is formed under the Board of Governors of the college. The functioning of the centre is governed by the Institutional Programme Implementation Unit (IPIU). The Professor in charge of ITC&SR is Prof. Thulasidharan Nair B, Associate Professor in Civil. The centre contact details are:

Tel: 0471-2515572; email : itcsr@cet.ac.in.

❖ **BARRIER FREE CONSULTANCY CELL (BFCC)**

Persons with disabilities, the elderly, and people with health issues face several barriers in the built environment. Barrier Free Consultancy Cell aims to improve accessibility in the built environment by providing technical support, creating awareness and conducting research.

BFCC is established under grant from Social Justice Department, Kerala at Dept. of Architecture, College of Engineering Trivandrum. Its services are free for Government institutions in Kerala.

Persons with disabilities face barriers such as – steep slopes, slippery surfaces, potholes on roads, lack of signage, steps without handrails, lack of ramps, lack of parking, busy roads without proper pedestrian crossing, etc. As a result of these barriers, they find it difficult to access the most basic facilities in public spaces – schools, medical facilities, workplaces, restaurants, footpaths, toilets, or public buildings. Services provided are consultancy, training, research etc.

❖ **CET CENTRE FOR INTERNATIONAL RELATIONS**

The broad objectives of the Centre have been fixed as:

- a) Initiate student / faculty member exchange programs with foreign institutions
- b) Establish MoU with key international universities/research centre's
- c) Instigate research collaborations with international academicians & practitioners by preparing joint research proposals
- d) Encourage faculty members to attend as well as organise international conferences
- e) Invite research presentations / seminars from international academics & practitioners
- f) Encourage faculty members to publish technical papers in high impact international journals & rated international conferences

❖ **CENTER OF EXCELLENCE IN FLUID DYNAMICS**

Center of excellence in fluid dynamics at CET was established in January 2011, through initial funding of Rs. 50 Lakhs from CERD, Govt of Kerala under the center of excellence scheme (CERD/2010/238/CoE 1 dated 31/3/2011). The mission of this center is to promote education, research and consultancy in fluid dynamics and related areas. Presently the main activity is development of experimental and computational facilities for teaching and research in fluid dynamics.

❖ **TECHNOLOGY BUSINESS INCUBATOR (TBI)**

TBI facilitate some of the Best Business Growth Policies in industry starting from idea pitching to commercially viable product/services. Beginning a new company, Realizing a new Technology or developing the market position of an existing one can be quite an awe-inspiring process at times.

TBI Facilities:

- **BPS (Business Plan Submission)**
In this Phase the applicant should submit a detailed business plan forecasting Profit & Loss statement for 3 years.
- **ITE (Initial Technical Evaluation)**
After submitting the Business Plan for incubation in CET-TBI, an initial Technical Evaluation has been done by the expert panel of TBI.

- **BPP (Business Plan Presentation)**

After approving the Business Plan submitted by the incubatee, they should present a detailed PPT about their Business Plan in front of the Expert Panel from CET-TBI.

- **CVA (Commercial Viability Analysis)**

This should be done by the expert panel from CET-TBI. In this phase you will focus on executing the actions plan and evaluating the results after each marketing campaign.

- **INCUBATION**

After the approval from the expert panel from CET-TBI, the incubatee should enter in to a contract for 3 years for incubating their new start-up in CET-TBI.

❖ **CET-SAT STUDENT SATELLITE PROJECT**

The government of Kerala has sanctioned a new student satellite project for College of Engineering Trivandrum. This project aims to design, develop, fabricate and launch a nano-satellite, in association with ISRO and CET Centre for Interdisciplinary Research (CCIR) is the nodal agency.

❖ **PRODUCT DESIGN AND DEVELOPMENT CENTRE (PDDC)**

As a leading institution of education in Kerala, College of Engineering Trivandrum (CET) endorses start-ups amongst the students. To upsurge various startup initiatives, a vibrant ecosystem comprising Incubators, Accelerators and Centers of Excellence in Emerging Technologies are being established in the campus. IEDC (<https://iedc.cet.ac.in/>), TBI (<http://tbi.cet.ac.in/>), TREST Park (<https://trestpark.org/>) and PDDC are the initiatives by the Government of Kerala for developing startup ecosystem in CET.

Product Design and Development Centre (PDDC) at College of Engineering Trivandrum is setup as a pilot project which could be replicated in other Engineering colleges. The centre is envisaged to develop and test new design for products and transfer technology to prospective entrepreneurs. The centre shall also impart training on product design to the students and unemployed youth through specialized programs. As a destination for designing and prototyping, PDDC will function as a one-stop centre for all product-design and development activities for both software and hardware components and also in all sectors of Industry 4.0. PDDC will create an inclusive environment for interdisciplinary learning by untying the complexities set by the conventional boundaries of department/college structure. Research scholars, students, and faculty members from all departments can come together and utilize the ideas, perspectives, and exclusive skills to solve problems beyond the scope of a single discipline.

❖ **INTERNAL QUALITY ASSURANCE CELL (IQAC)**

The Internal Quality Assurance Cell plays an important role in protecting the quality of education delivery. IQAC of CET is established with a vision to enhance quality of the institution through a combination of self and external quality evaluation, and promotion of sustenance initiatives. The cell supports the University to channelize and systematize all its efforts to move towards academic excellence.

The major functions of IQAC-CET are as follows:

- Refine the mission and strategic vision of the institution that meet the interests of stakeholders such as students, employers, local communities, government and others.

- Help to refine the vision and mission of the departments and approve their POs, PEOs, and PSOs.
- Suggest new courses/training/workshop that can improve the level of outcome of the students.
- Development and application of quality benchmarks / parameters for the various academic and administrative activities of the Colleges.
- Dissemination of information on the various quality parameters of higher education.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- Documentation of the various programs/ activities of the College, leading to quality improvement.
- Coordinate and support the activities related to accreditation of programs and institution.

❖ **INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CELL (IEDC)**

The Innovation and Entrepreneurship Development Cell (IEDC) is an active student-run cell under CET Centre for Interdisciplinary Research (CCIR) that seeks to create and promote innovation and entrepreneurship skills among the students of CET. The cell works in close association with Kerala Startup Mission, CET –TBI and other student clubs. It envisions fostering innovative thinking and becoming a facilitator between the students inside the campus and the industry outside by acting as a hub of contacts and network that helps in finding the wannabe entrepreneurs the right people to approach for any task.

❖ **INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)**

The Industry Institute Partnership Cell of College of Engineering Trivandrum provides a platform for both the students as well as faculty members to be aware of industry expectations of skill sets required for students and faculty to meet the global challenges. The cell enables students to be aware of the lacunae in their skills and provides an opportunity to upgrade them. It also enables Faculty to be aware of industry expectations & train students to meet these expectations.

Objectives of Industry Institute Partnership Cell

- To develop Program Educational Objectives (PEO) in tune with the industry requirements and which can give rise to engineering personnel capable of coping-up with the accelerating pace of the technological development
- To create adequate facilities of updating knowledge of professional engineers and technologists to meet growth and developmental needs of the industry
- To provide industrial exposure to students through joint projects, industrial visits, Webinars and students internships

❖ **CLUBS**

Sl. No.	Name of the Club	Description
1	DEVELOPER STUDENT CLUB (DSC)	Developer Student Clubs (DSC) is a Google Developers program for university students to learn mobile and web development skills. The clubs will be open to any student, ranging from novice developers who are just starting, to advanced developers who want to further their skills. The clubs are intended as a space for students to try out new ideas and collaborate to solve mobile and web development problems.
2	ENCON CLUB	Energy Conservation refers to efforts made to reduce energy consumption in order to preserve reserves for the future and also to reduce Environmental pollution. ENCON Club of CET was formed in association with BPCL, Kochi refinery to promote energy conservation among staff and students of CET and their family members. The activities under taken by ENCON Club include conducting awareness programmes, energy auditing and promoting model projects in energy conservation.
3	ENVIRONMENTAL CLUB	The Environmental Club has done excellent work in nature conservation activities at College of Engineering, Trivandrum. The club mainly concentrates on enhancing the Greenery and conserving and documenting the bio-diversity of the campus. The diversity of plants and the lush greenery make the campus a haven for many species of birds and butterflies. All the trees in the campus have been surveyed and documented. The members of the club have surveyed the birds and butterflies of the campus and published the books- 'Feathered friends of our campus' in 2006 and 'Flying Jewels of our Campus' in 2007. The members are actively involved in enriching its Arboretum. The Eco-corner adjacent to the Canteen also functions as a plant nursery.

❖ **GAMES AND SPORTS FACILITIES**

Sl. No.	Name of the facilities	Description
1	Multi Purpose Indoor Hall	A well functioning Multi Purpose Indoor Hall that consists of a Basketball Court, Four Shuttle Badminton Courts and Four Table Tennis Boards.
2	Fitness Centre	Fitness Centre consists of modern Cardio and Weight Training Equipments which include Multi station Gym, Tread Mills, Elliptical Cycles, Dumbbells, Weight bars, Weight plates, etc

3	Outdoor Stadium	A well maintained Outdoor Stadium that consists of 200 meters Track, Football field, Cricket ground, Handball court and Kabaddi courts.
4	Cricket Nets	Cricket Nets is constructed in the Outdoor Stadium with Concrete flooring for practice purpose.
5	Volleyball Courts	Three Volleyball courts are available in the college, One in front of the College Library Building, one in front of Men's Hostel and one near the Indoor stadium.
6	Outdoor Basketball Court	Two Outdoor Basketball courts are available. One near the Men's Hostel Building and the other near the indoor stadium.
7	Mini Football Field	A Mini Football Field is available in front of the Men's Hostel Building.
8	Fitness Center at Men's Hostel	A Fitness Centre with Modern Equipments is available at the Men's Hostel.
9	Fitness Center at Women's Hostel	A Fitness Centre with Modern Equipments is available at the Women's Hostel.

❖ NATIONAL SERVICE SCHEME (NSS)

National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It provides opportunity to the student youth of Technical Institution, Graduate & Post Graduate at colleges and University level of India to take part in various government led community service activities & programmes. The sole aim of the NSS is to provide hands on experience to young students in delivering community service.

During the period 2020-21, the NSS unit of CET conducted various social service activities such as financial aid to dialysis patients, about 12 blood donation camps, hair donation drive for cancer patients, online tuition for students, planted more than 100 tree saplings etc.

❖ NATIONAL CADET CORPS (NCC)

❖ HOSTEL

The college has both men's hostel and Women's hostels. Men's hostel is situated behind the college within the campus amidst a glistening panoramic view. The Women's hostel is located on the front side of the college at a beautiful location amidst greenish scenery. Both hostels provide comfortable and conducive atmosphere to develop the innate abilities of inmates. Indoor and outdoor facilities for sports and cultural activities (Reading rooms, Fitness centers with modern scientific equipments) are available in both hostels.

The men's hostel has 250 rooms and can accommodate 500 students. The ladies hostel has 140 rooms which can accommodate 400 students. Both hostels are under the control of the Warden, assisted by two assistant wardens and Resident Tutors (RTs).

The mess is run by the mess committee elected from among the students under the directions of the General Secretary, Mess Director and other members of the committee. A hygienic atmosphere is available in the hostels. The Resident tutors (RTs) look after the hostels and maintain a peaceful atmosphere in the hostels. Hostel day (MH day and LH day) festivities are conducted in both hostels with the active participation of inmates and faculty of the college.

❖ TEACHING LEARNING PROCESS

- **Curricula and syllabus for each of the programmes as approved by the university**
<https://ktu.edu.in/eu/acd/academicRegulation.htm?YC7G7oWYHLQRxyQwDNOWXKDSpg6DITOVII%2FGuD0dg>
- **Academic Calendar of the University**
<https://ktu.edu.in/eu/acd/academicRegulationsCalendar.htm>
- **Internal Continuous Evaluation System and place**
<https://www.cet.ac.in/internal-quality-assurance-cell-igac-cet/>
- **Student's assessment of Faculty, System in place**
CET encourages the practice of obtaining feedback from the associated ones such as students, faculty, alumni, from other institutes, parents and eminent personality from Industry and Government organizations. All the activities related to the academics are discussed in the class committee meetings that are held periodically. Suggestions from the PTA are also considered in improving the curriculum. Alumni also provide suggestions for the betterment of the curriculum. The valuable suggestions from industrial personnel during meetings/industrial visits, in improving the curriculum needs to match with the needs of the industry are duly communicated to the University.

❖ DATA FOR POST GRADUATE COURSES

- **Curricula and Syllabi**
<https://ktu.edu.in/eu/acd/academicRegulation.htm?YC7G7oWYHLQRxyQwDNOWXKDSpg6DITOVII%2FGuD0dg>

15. INFORMATION OF INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

Room Type	Carpet area (in M ²)	Completion of Flooring	Completion of Walls and painting	Completion of Electrification and lighting
Seminar Hall139	.9	Ready	Ready	Ready
Seminar Hall	110.8	Ready	Ready	Ready
Seminar Hall	136.1	Ready	Ready	Ready
Laboratory	80.13	Ready	Ready	Ready
Classroom	88.64	Ready	Ready	Ready
Classroom	68.53	Ready	Ready	Ready
Classroom	82.75	Ready	Ready	Ready
Classroom	60	Ready	Ready	Ready
Classroom	68	Ready	Ready	Ready
Classroom	68	Ready	Ready	Ready
Classroom	108	Ready	Ready	Ready
Tutorial Rooms - PG	68	Ready	Ready	Ready
Classroom	81	Ready	Ready	Ready
Tutorial Rooms - PG	46.2	Ready	Ready	Ready
Tutorial Rooms - PG	68	Ready	Ready	Ready
Laboratory	53.5	Ready	Ready	Ready
Laboratory	80.13	Ready	Ready	Ready
Classroom	88.64	Ready	Ready	Ready
Classroom	82.75	Ready	Ready	Ready
Tutorial Room	45	Ready	Ready	Ready
Classroom	60.8	Ready	Ready	Ready
Tutorial Rooms - PG	46.2	Ready	Ready	Ready
Classroom	43.7	Ready	Ready	Ready
Studio / Material Museum	48.6	Ready	Ready	Ready
Classroom	51.07	Ready	Ready	Ready
Classroom	51.07	Ready	Ready	Ready
Laboratory	80.13	Ready	Ready	Ready
Classroom	88.64	Ready	Ready	Ready
Tutorial Room	82.75	Ready	Ready	Ready
Classroom	48	Ready	Ready	Ready
Classroom	60	Ready	Ready	Ready

Seminar Hall	125.8	Ready	Ready	Ready
Seminar Hall	200	Ready	Ready	Ready
Classroom	62	Ready	Ready	Ready
Studio / Material Museum	120	Ready	Ready	Ready
Studio / Material Museum	115	Ready	Ready	Ready
Resource Centre	129	Ready	Ready	Ready
Tutorial Rooms - PG	52.6	Ready	Ready	Ready
Laboratory	55	Ready	Ready	Ready
Research Laboratory	65	Ready	Ready	Ready
Laboratory	135	Ready	Ready	Ready
Laboratory	135	Ready	Ready	Ready
Additional Workshop	197	Ready	Ready	Ready
Classroom	66	Ready	Ready	Ready
Classroom	66	Ready	Ready	Ready
Laboratory	40	Ready	Ready	Ready
Classroom	45	Ready	Ready	Ready
Classroom	45	Ready	Ready	Ready
Studio / Material Museum	120	Ready	Ready	Ready
Studio / Material Museum	115	Ready	Ready	Ready
Studio / Material Museum	115	Ready	Ready	Ready
Studio / Material Museum	115	Ready	Ready	Ready
Tutorial Rooms - PG	45	Ready	Ready	Ready
Laboratory	100	Ready	Ready	Ready
Tutorial Rooms - PG	100	Ready	Ready	Ready
Tutorial Rooms - PG	65	Ready	Ready	Ready
Tutorial Rooms - PG	65	Ready	Ready	Ready
Classroom	47	Ready	Ready	Ready
Tutorial Rooms - PG	72.5	Ready	Ready	Ready
Tutorial Rooms - PG	72.5	Ready	Ready	Ready
Seminar Hall	130.8	Ready	Ready	Ready
Laboratory	50	Ready	Ready	Ready
Classroom	68.53	Ready	Ready	Ready
Workshop	232.08	Ready	Ready	Ready

Laboratory	135	Ready	Ready	Ready
Classroom	72.59	Ready	Ready	Ready
Classroom	88.85	Ready	Ready	Ready
Seminar Hall	137	Ready	Ready	Ready
Studio / Material Museum	675	Ready	Ready	Ready
Tutorial Room	60	Ready	Ready	Ready
Classroom	45	Ready	Ready	Ready
Computer Laboratory	138	Ready	Ready	Ready
Laboratory	131	Ready	Ready	Ready
Studio / Material Museum	120	Ready	Ready	Ready
Laboratory	172.7	Ready	Ready	Ready
Studio	533	Ready	Ready	Ready
Art Court	535	Ready	Ready	Ready
Multi-Purpose Hall	213	Ready	Ready	Ready
Studio	267	Ready	Ready	Ready
Laboratory	219.8	Ready	Ready	Ready
Drawing Hall	124.8	Ready	Ready	Ready
Tutorial Room	45.5	Ready	Ready	Ready
Tutorial Rooms - PG	12	Ready	Ready	Ready
Seminar Hall	155.52	Ready	Ready	Ready
Classroom	82.5	Ready	Ready	Ready
Classroom	21.2	Ready	Ready	Ready
Seminar Hall	155.52	Ready	Ready	Ready
Classroom	82.5	Ready	Ready	Ready
Classroom	45.5	Ready	Ready	Ready
Classroom	62.07	Ready	Ready	Ready
Tutorial Room	24.42	Ready	Ready	Ready
Classroom	82.55	Ready	Ready	Ready
Classroom	62.07	Ready	Ready	Ready
Classroom	24.42	Ready	Ready	Ready
Classroom	62.07	Ready	Ready	Ready
Classroom	24.42	Ready	Ready	Ready
Classroom	62.07	Ready	Ready	Ready
Laboratory	248.16	Ready	Ready	Ready

Laboratory	172.59	Ready	Ready	Ready
Tutorial Rooms - PG	28.19	Ready	Ready	Ready
Laboratory	118.08	Ready	Ready	Ready
Laboratory	53.97	Ready	Ready	Ready
Research Laboratory	151.3	Ready	Ready	Ready
Research Laboratory	403.17	Ready	Ready	Ready
Laboratory	47.7	Ready	Ready	Ready
Classroom	28.19	Ready	Ready	Ready
Laboratory	115.05	Ready	Ready	Ready
Seminar Hall	750	Ready	Ready	Ready
Laboratory	50	Ready	Ready	Ready
Classroom	73.85	Ready	Ready	Ready
Laboratory	78.34	Ready	Ready	Ready
Laboratory	78.34	Ready	Ready	Ready
Classroom	68.53	Ready	Ready	Ready
Drawing Hall	207.68	Ready	Ready	Ready
Tutorial Room	47.88	Ready	Ready	Ready
Tutorial Rooms - PG	23.94	Ready	Ready	Ready
Tutorial Room	48.51	Ready	Ready	Ready
Classroom	23.94	Ready	Ready	Ready
Laboratory	48.51	Ready	Ready	Ready
Research Laboratory	48.51	Ready	Ready	Ready
Classroom	23.94	Ready	Ready	Ready
Laboratory	23.94	Ready	Ready	Ready
Classroom	100	Ready	Ready	Ready
Laboratory	94.83	Ready	Ready	Ready
Laboratory	95.7	Ready	Ready	Ready
Laboratory	91.45	Ready	Ready	Ready
Classroom	120	Ready	Ready	Ready
Classroom	120	Ready	Ready	Ready
Classroom	120	Ready	Ready	Ready
Tutorial Room	94.83	Ready	Ready	Ready
Seminar Hall	123.3	Ready	Ready	Ready
Workshop/ Studio	190	Ready	Ready	Ready
Classroom	100	Ready	Ready	Ready
Classroom	72.5	Ready	Ready	Ready

Laboratory	100	Ready	Ready	Ready
Laboratory	94.83	Ready	Ready	Ready
Laboratory	95.7	Ready	Ready	Ready
Classroom	95.7	Ready	Ready	Ready
Classroom	95.7	Ready	Ready	Ready
Classroom	100	Ready	Ready	Ready
Classroom	93.09	Ready	Ready	Ready
Classroom	72.12	Ready	Ready	Ready
Seminar Hall	61.25	Ready	Ready	Ready
Laboratory	72.12	Ready	Ready	Ready
Laboratory	60	Ready	Ready	Ready
Classroom	60	Ready	Ready	Ready
Laboratory	94.83	Ready	Ready	Ready
Laboratory	90	Ready	Ready	Ready
Classroom	90	Ready	Ready	Ready
Laboratory	60	Ready	Ready	Ready
Classroom	60	Ready	Ready	Ready
Tutorial Rooms - PG	72	Ready	Ready	Ready
Classroom	40.3	Ready	Ready	Ready
Laboratory	45.4	Ready	Ready	Ready
Research Laboratory	91.72	Ready	Ready	Ready
Tutorial Rooms - PG	25	Ready	Ready	Ready
Tutorial Room	52.5	Ready	Ready	Ready
Classroom	110	Ready	Ready	Ready
Tutorial Room	110	Ready	Ready	Ready
Classroom	45.7	Ready	Ready	Ready
Seminar Hall	125.9	Ready	Ready	Ready
Research Laboratory	48	Ready	Ready	Ready
Laboratory	48	Ready	Ready	Ready
Seminar Hall	139.9	Ready	Ready	Ready
Classroom	72.5	Ready	Ready	Ready
Classroom	72.5	Ready	Ready	Ready
Classroom	72.5	Ready	Ready	Ready
Laboratory	105	Ready	Ready	Ready
Seminar Hall	105	Ready	Ready	Ready
Research Laboratory	98	Ready	Ready	Ready

Laboratory	105	Ready	Ready	Ready
Classroom	78.5	Ready	Ready	Ready
Classroom	78.5	Ready	Ready	Ready
Classroom	78.75	Ready	Ready	Ready
Tutorial Room	78.5	Ready	Ready	Ready
Tutorial Room	52.5	Ready	Ready	Ready
Drawing Hall	105	Ready	Ready	Ready
Classroom	78.75	Ready	Ready	Ready
Laboratory	105	Ready	Ready	Ready
Classroom	78.5	Ready	Ready	Ready
Classroom	78.5	Ready	Ready	Ready
Classroom	78.5	Ready	Ready	Ready
Classroom	78.5	Ready	Ready	Ready
Classroom	52.5	Ready	Ready	Ready
Seminar Hall	105	Ready	Ready	Ready
Laboratory	111.7	Ready	Ready	Ready
Research Laboratory	49	Ready	Ready	Ready
Research Laboratory	98	Ready	Ready	Ready
Laboratory	105	Ready	Ready	Ready
Tutorial Rooms - PG	16.8	Ready	Ready	Ready
Laboratory	446.8	Ready	Ready	Ready
Classroom	73.5	Ready	Ready	Ready
Tutorial Rooms - PG	16.8	Ready	Ready	Ready
Classroom	56	Ready	Ready	Ready
Tutorial Rooms - PG	16.8	Ready	Ready	Ready
Research Laboratory	49	Ready	Ready	Ready
Laboratory	105	Ready	Ready	Ready
Tutorial Rooms - PG	73.5	Ready	Ready	Ready
Laboratory	111.7	Ready	Ready	Ready
Research Laboratory	26.25	Ready	Ready	Ready
Laboratory	105	Ready	Ready	Ready
Tutorial Rooms - PG	15	Ready	Ready	Ready
Laboratory	291.8	Ready	Ready	Ready
Classroom	78.75	Ready	Ready	Ready
Classroom	78.5	Ready	Ready	Ready
Classroom	25	Ready	Ready	Ready

Tutorial Room	69.4	Ready	Ready	Ready
Tutorial Rooms - PG	25.71	Ready	Ready	Ready
Tutorial Rooms - PG	22.51	Ready	Ready	Ready
Laboratory	150	Ready	Ready	Ready
Laboratory	750	Ready	Ready	Ready
Laboratory	120	Ready	Ready	Ready
Laboratory	300	Ready	Ready	Ready
Laboratory	214.11	Ready	Ready	Ready
Laboratory	48.88	Ready	Ready	Ready
Laboratory	27.04	Ready	Ready	Ready
Laboratory	119.84	Ready	Ready	Ready
Laboratory	27.26	Ready	Ready	Ready
Laboratory	32.24	Ready	Ready	Ready
Laboratory	21.7	Ready	Ready	Ready
Laboratory	105.8	Ready	Ready	Ready
Laboratory	45	Ready	Ready	Ready
Seminar Hall	160.5	Ready	Ready	Ready
Classroom	68	Ready	Ready	Ready
Classroom	40.5	Ready	Ready	Ready
Classroom	40.5	Ready	Ready	Ready
Classroom	67.5	Ready	Ready	Ready
Classroom	81	Ready	Ready	Ready
Laboratory	66	Ready	Ready	Ready
Laboratory	72	Ready	Ready	Ready
Laboratory	70	Ready	Ready	Ready
Laboratory	139	Ready	Ready	Ready
Laboratory	139	Ready	Ready	Ready
Laboratory	139	Ready	Ready	Ready
Laboratory	70	Ready	Ready	Ready
Classroom	67	Ready	Ready	Ready
Classroom	67	Ready	Ready	Ready
Classroom	67	Ready	Ready	Ready
Tutorial Rooms - PG	32	Ready	Ready	Ready
Classroom	68	Ready	Ready	Ready
Tutorial Rooms - PG	31	Ready	Ready	Ready
Seminar Hall	160	Ready	Ready	Ready

Classroom	120	Ready	Ready	Ready
Tutorial Rooms - PG	35	Ready	Ready	Ready
Tutorial Rooms - PG	36.8	Ready	Ready	Ready
Classroom	68	Ready	Ready	Ready
Computer Laboratory	75.8	Ready	Ready	Ready
Seminar Hall	135	Ready	Ready	Ready
Classroom	81	Ready	Ready	Ready
Tutorial Room	79	Ready	Ready	Ready
Classroom	135	Ready	Ready	Ready
Classroom	81	Ready	Ready	Ready
Computer Laboratory	324	Ready	Ready	Ready
Laboratory	90	Ready	Ready	Ready
Laboratory	135	Ready	Ready	Ready
Seminar Hall	180	Ready	Ready	Ready
Research Laboratory	65	Ready	Ready	Ready
Laboratory	150	Ready	Ready	Ready
Seminar Hall	139	Ready	Ready	Ready
Laboratory	55	Ready	Ready	Ready
Classroom	68.53	Ready	Ready	Ready
Tutorial Room	88.95	Ready	Ready	Ready
Seminar Hall	160.8	Ready	Ready	Ready
Tutorial Rooms - PG	32	Ready	Ready	Ready
Tutorial Rooms - PG	25	Ready	Ready	Ready
Tutorial Room	120	Ready	Ready	Ready
Tutorial Room	120	Ready	Ready	Ready
Classroom	109	Ready	Ready	Ready
Tutorial Room	109	Ready	Ready	Ready
Classroom	72	Ready	Ready	Ready
Drawing Hall	259	Ready	Ready	Ready
Classroom	73	Ready	Ready	Ready
Classroom	109	Ready	Ready	Ready
Classroom	59	Ready	Ready	Ready
Drawing Hall	259	Ready	Ready	Ready
Classroom	63	Ready	Ready	Ready
Classroom	65	Ready	Ready	Ready
Classroom	90	Ready	Ready	Ready

Classroom	61	Ready	Ready	Ready
Classroom	82	Ready	Ready	Ready
Seminar Hall	138.6	Ready	Ready	Ready
Tutorial Rooms - PG	27	Ready	Ready	Ready
Tutorial Rooms - PG	25	Ready	Ready	Ready
Tutorial Rooms - PG	55	Ready	Ready	Ready
Tutorial Rooms - PG	27	Ready	Ready	Ready
Additional Workshop	360	Ready	Ready	Ready
Additional Workshop	480	Ready	Ready	Ready
Laboratory	9	Ready	Ready	Ready
Laboratory	18	Ready	Ready	Ready
Laboratory	108	Ready	Ready	Ready
Laboratory	49	Ready	Ready	Ready
Research Laboratory	22	Ready	Ready	Ready
Tutorial Rooms - PG	25	Ready	Ready	Ready
Tutorial Rooms - PG	20	Ready	Ready	Ready
Tutorial Rooms - PG	20	Ready	Ready	Ready
Tutorial Rooms - PG	20	Ready	Ready	Ready
Tutorial Rooms - PG	25	Ready	Ready	Ready
Research Laboratory	25	Ready	Ready	Ready
Research Laboratory	22	Ready	Ready	Ready
Tutorial Rooms - PG	22	Ready	Ready	Ready
Tutorial Rooms - PG	23	Ready	Ready	Ready
Tutorial Rooms - PG	25	Ready	Ready	Ready
Laboratory	30	Ready	Ready	Ready
Laboratory	20	Ready	Ready	Ready
Laboratory	10	Ready	Ready	Ready
Tutorial Rooms - PG	31.41	Ready	Ready	Ready
Tutorial Rooms - PG	23.2	Ready	Ready	Ready
Seminar Hall	300	Ready	Ready	Ready
Laboratory	60	Ready	Ready	Ready
Laboratory	75	Ready	Ready	Ready
Laboratory	148	Ready	Ready	Ready
Research Laboratory	38	Ready	Ready	Ready
Laboratory	65	Ready	Ready	Ready
Tutorial Rooms - PG	65	Ready	Ready	Ready

Tutorial Rooms - PG	50	Ready	Ready	Ready
Research Laboratory	28	Ready	Ready	Ready
Laboratory	50	Ready	Ready	Ready
Workshop	80	Ready	Ready	Ready
Laboratory	60	Ready	Ready	Ready
Laboratory	70	Ready	Ready	Ready
Laboratory	70	Ready	Ready	Ready
Laboratory	100	Ready	Ready	Ready
Laboratory	92	Ready	Ready	Ready
Tutorial Rooms - PG	50	Ready	Ready	Ready
Seminar Hall	160	Ready	Ready	Ready
Laboratory	60	Ready	Ready	Ready
Laboratory	24	Ready	Ready	Ready
Laboratory	60	Ready	Ready	Ready
Research Laboratory	37	Ready	Ready	Ready
Seminar Hall	132.8	Ready	Ready	Ready
Laboratory	60	Ready	Ready	Ready
Laboratory	50	Ready	Ready	Ready
Laboratory	50	Ready	Ready	Ready
Classroom	100	Ready	Ready	Ready
Classroom	85	Ready	Ready	Ready
Classroom	85	Ready	Ready	Ready
Classroom	85	Ready	Ready	Ready
Laboratory	65	Ready	Ready	Ready
Laboratory	188.55	Ready	Ready	Ready
Laboratory	110.04	Ready	Ready	Ready
Tutorial Rooms - PG	23.6	Ready	Ready	Ready
Tutorial Rooms - PG	25.22	Ready	Ready	Ready
Laboratory	18.45	Ready	Ready	Ready
Laboratory	300	Ready	Ready	Ready
Workshop	1,160	Ready	Ready	Ready
Workshop	1,160	Ready	Ready	Ready
Workshop	1,160	Ready	Ready	Ready
Workshop	1,160	Ready	Ready	Ready
Workshop	1,000	Ready	Ready	Ready
Workshop	1,000	Ready	Ready	Ready

Workshop	1,000	Ready	Ready	Ready
Toilet	10.27	Ready	Ready	Ready
Toilet	10.27	Ready	Ready	Ready
Stationery Store	48.6	Ready	Ready	Ready
Stationery Store	48.6	Ready	Ready	Ready
Student activity / GCR	55.9	Ready	Ready	Ready
Sports Club	36.8	Ready	Ready	Ready
Toilet	10.27	Ready	Ready	Ready
Boys Common Room	300	Ready	Ready	Ready
Toilet	72.2	Ready	Ready	Ready
Toilet	65.3	Ready	Ready	Ready
Toilet	35.4	Ready	Ready	Ready
Toilet	72.2	Ready	Ready	Ready
Toilet	65.3	Ready	Ready	Ready
Toilet	72.2	Ready	Ready	Ready
Auditorium	1,500	Ready	Ready	Ready
Auditorium	1,250	Ready	Ready	Ready
Toilet	30	Ready	Ready	Ready
Toilet	30	Ready	Ready	Ready
Toilet	30	Ready	Ready	Ready
Toilet	30	Ready	Ready	Ready
Toilet	30	Ready	Ready	Ready
Toilet	30	Ready	Ready	Ready
Toilet	30	Ready	Ready	Ready
Toilet	30	Ready	Ready	Ready
Toilet	30	Ready	Ready	Ready
Cafeteria	188	Ready	Ready	Ready
Girls Common Room	200	Ready	Ready	Ready
Toilet	7	Ready	Ready	Ready
First aid cum Sick Room	20	Ready	Ready	Ready
Cafeteria	109.44	Ready	Ready	Ready
Toilet	25.5	Ready	Ready	Ready
Toilet	25.5	Ready	Ready	Ready
Toilet	51	Ready	Ready	Ready
Toilet	25.5	Ready	Ready	Ready

Toilet	25.5	Ready	Ready	Ready
Toilet	51	Ready	Ready	Ready
Toilet	25.5	Ready	Ready	Ready
Toilet	25.5	Ready	Ready	Ready
Stationery Store	48.6	Ready	Ready	Ready
Stationery Store	48.6	Ready	Ready	Ready
Student activity / GCR	55.9	Ready	Ready	Ready
Toilet	18	Ready	Ready	Ready
Toilet	18	Ready	Ready	Ready
Toilet	9	Ready	Ready	Ready
Toilet	15	Ready	Ready	Ready
Toilet	15	Ready	Ready	Ready
Stationery Store	32	Ready	Ready	Ready
Toilet	14	Ready	Ready	Ready
Toilet	14	Ready	Ready	Ready
Toilet	16	Ready	Ready	Ready
Toilet	17	Ready	Ready	Ready
Toilet	34	Ready	Ready	Ready
Toilet	35	Ready	Ready	Ready
Toilet	29.7	Ready	Ready	Ready
Toilet	14	Ready	Ready	Ready
Toilet	12	Ready	Ready	Ready
Toilet	12	Ready	Ready	Ready
Toilet	29.7	Ready	Ready	Ready

16. ENROLMENT AND PLACEMENT DETAILS OF STUDENTS IN THE LAST 3YEARS

PLACEMENT STATUS 2020-21

Sl. No.	Company	AE	CE	CS	EC	EE	IE	ME	MCA	MBA	AR	Total
1	6D Technologies	0	0	0	0	1	0	0	0	0	0	1
2	ABB	0	0	0	0	2	0	0	0	0	0	2
3	ACCENTURE	0	0	0	1	1	0	0	0	0	0	2
4	Amadeus	0	0	4	3	1	0	1	0	0	0	9
5	AMAZON	0	0	0	0	0	0	0	0	1	0	1
6	Analog Devices	0	0	0	2	0	0	0	0	0	0	2
7	Applexus	0	0	1	1	0	0	1	0	0	0	3
8	Basic First	1	2	1	0	1	3	3	0	9	0	20
9	Bosch	5	0	6	11	5	0	0	0	0	0	27
10	Bridgei2i	0	0	1	0	1	1	0	0	0	0	3
11	BuildNext	0	0	0	0	0	0	0	0	0	2	2
12	Capgemini	8	2	9	9	17	5	9	6	0	0	65
13	Carestack	0	0	1	0	0	0	0	0	0	0	1
14	CEAT	0	0	0	0	0	1	0	0	0	0	1
15	CERIUM SYSTEMS	0	0	0	1	0	0	0	0	0	0	1
16	CHAINalytics	0	0	0	0	1	1	0	3	0	0	5
17	Cloudwick	0	0	9	0	0	0	0	0	0	0	9
18	Cognizant Technology Solu	14	15	10	21	35	13	32	4	0	0	144
19	Confianz Global	0	0	1	0	0	0	0	0	0	0	1
20	CTS Cybersecurity	0	0	1	0	0	0	0	0	0	0	1
21	CTS GenC Nxt	0	0	1	0	0	0	0	0	0	0	1
22	CTS Geoinformatics	0	3	0	0	0	0	0	0	0	0	3
23	Deloitte	2	0	1	6	8	0	0	0	0	0	17
24	Elegant Marine Services	0	0	0	0	0	0	4	0	0	0	4
25	ENVESTNET	0	0	1	1	0	0	0	0	0	0	2
26	Ernst & Young	0	0	0	0	0	0	0	0	33	0	33
27	ESAF	0	0	0	0	0	0	0	0	6	0	6
28	Experion Technologies	0	0	0	1	2	0	0	1	0	0	4
29	FEDERAL BANK	0	0	0	0	0	0	0	0	3	0	3
30	FORD MOTORS	0	0	2	0	0	0	0	0	0	0	2
31	Guidehouse India	0	0	0	0	0	0	0	0	5	0	5
32	Hexaware Technologies	0	0	1	0	0	0	0	0	0	0	1
33	IBS	6	0	12	5	0	0	0	0	1	0	24
34	Infosys	5	7	8	4	20	2	12	4	0	0	62
35	Infosys SES	0	0	2	0	1	0	0	2	0	0	5
36	ITC	0	0	0	0	0	0	0	0	1	0	1
37	ITC Infotech	0	0	0	1	0	0	0	0	0	0	1
38	Keyvalue Software	0	0	5	0	0	0	0	0	0	0	5
39	Kimball Electronics	1	0	0	0	0	0	0	0	0	0	1
40	KRail	0	2	1	0	2	0	0	0	0	0	5
41	L&T Technology Services	3	0	6	9	10	1	6	0	0	0	35
42	Maventic	0	0	0	0	0	0	0	1	0	0	1
43	MINDTECK	0	0	0	0	1	0	0	0	0	0	1
44	MITSOGO	0	1	3	0	3	1	1	0	0	0	9

45	Modak Analytics	0	0	0	1	0	0	0	0	0	0	1
46	MPhasis	1	0	0	0	0	0	0	2	0	0	3
47	MRF	0	0	0	0	1	3	4	0	0	0	8
48	MU-SIGMA	0	0	6	0	0	0	0	0	0	0	6
49	Open Financial Technologi	2	0	2	3	0	0	0	0	0	0	7
50	Open-Silicon	0	0	0	2	0	0	0	0	0	0	2
51	ORACLE	2	0	5	0	0	0	0	0	0	0	7
52	Pi-Square Technologies	0	0	0	1	0	0	0	0	0	0	1
53	Pinclick	0	0	0	0	0	0	0	0	2	0	2
54	Planetspark	0	0	0	0	0	0	0	0	1	0	1
55	Prevalent AI	0	0	0	2	0	0	0	0	0	0	2
56	Providence	0	0	5	0	0	0	0	0	0	0	5
57	QBurst	0	0	1	1	0	0	2	0	0	0	4
58	Qualitest	0	0	0	0	0	0	0	1	0	0	1
59	QUEST GLOBAL	4	0	1	0	3	0	0	0	0	0	8
60	Revature	0	0	2	0	0	0	0	0	0	0	2
61	Royal Enfield	0	0	0	0	1	0	2	0	0	0	3
62	Saint Gobain	0	1	0	0	1	0	1	0	0	0	3
63	Saint Gobain Refractories	0	0	0	0	1	0	1	0	0	0	2
64	Sentient Scripts	1	0	0	0	0	1	4	0	0	0	6
65	SOTI	1	0	4	1	0	0	0	0	0	0	6
66	SOUTH INDIAN BANK	0	2	0	1	1	0	0	0	0	0	4
67	Speedlab	0	0	0	0	0	0	0	0	2	0	2
68	Standav	0	0	0	0	0	1	0	0	0	0	1
69	TATA ELXSI	0	0	0	0	0	0	0	0	5	0	5
70	TCS	12	10	12	14	37	12	18	10	5	0	130
71	TCS Digital	3	0	6	3	3	0	0	1	0	0	16
72	TISMO	0	0	0	2	2	0	0	0	0	0	4
73	TISMO BDA	0	1	0	0	0	0	1	0	0	0	2
74	UST Global	5	0	6	15	12	3	0	9	0	0	50
75	Vanenburg	0	0	0	0	0	0	0	1	0	0	1
76	Varroc Engg.	3	0	0	0	0	1	0	0	0	0	4
77	Wabco India	0	0	0	2	0	0	0	0	0	0	2
78	Webyfy	0	0	0	0	0	1	2	0	0	0	3
79	White Rabbit	0	0	0	1	0	0	0	0	0	0	1
80	WIPRO TURBO HIRING	5	0	1	2	13	0	4	0	0	0	25
	Total Offers	84	46	138	127	187	50	108	45	74	2	861
	UG	84	35	113	80	170	50	93			2	627
	PG		11	25	47	17		15	45	74		234
	Total Students Placed	52	33	76	86	101	34	74	34	70	2	562
	UG	52	25	57	48	86	34	63			2	367
	PG		8	19	38	15		11	34	70		195
		AE	CE	CS	EC	EE	IE	ME	MCA	MBA		Total

PLACEMENT STATUS 2019-20

Sl. No.	Company	AE	CE	CS	EC	EE	IE	ME	MCA	MBA	Total
1	ABB	2	0	0	0	3	0	0	0	0	5
2	AKASH Institute	1	0	0	0	2	0	1	0	0	4
3	Amadeus	0	0	4	0	4	0	0	0	0	8
4	Analytics Quotient	1	0	1	0	0	1	0	1	0	4
5	Avalara Technologies Ltd.	0	0	1	0	0	0	0	0	0	1
6	Bosch	0	0	0	3	0	0	0	0	0	3
7	Bridgei2i	0	0	0	0	1	1	2	0	0	4
8	Byjus Classes BDA	3	4	0	4	5	3	7	0	6	32
9	Carestack	0	1	0	0	2	0	0	0	0	3
10	CAT Productions	0	0	0	0	0	0	0	0	1	1
11	Catholic Syrian Bank	0	0	0	0	0	0	0	0	2	2
12	Cognizant Technology Solu	9	4	7	19	26	22	22	3	0	112
13	Cherian Varkey Constructions	0	4	0	0	0	0	0	0	0	4
14	Dexlock	0	0	1	0	0	0	0	0	0	1
15	Diagnal	0	0	1	0	0	0	1	0	0	2
16	Elegant Marine Services	0	0	0	0	0	0	3	0	0	3
17	ENVESTNET	0	0	0	1	0	0	1	1	0	3
18	Ernst & Young	0	0	0	0	0	0	0	0	14	14
19	Experion Technologies	1	0	0	0	0	1	3	0	0	5
20	FEDERAL BANK	0	0	0	0	0	0	0	1	3	4
21	Finastra	0	0	5	5	0	0	0	0	0	10
22	Flytxt	1	0	4	1	0	0	0	0	0	6
23	Future Generali	0	0	0	0	0	0	0	0	1	1
24	Hexaware Technologies	1	0	2	1	2	0	0	2	0	8
25	HPE	0	0	2	2	0	0	0	0	0	4
26	IBM	1	0	1	3	3	0	0	0	0	8
27	IBM CIO & SOFTWARE LAB	0	0	2	0	0	0	0	0	0	2
28	IBM GTS	1	0	1	1	3	0	0	2	0	8
29	IBS	4	0	1	2	0	0	4	0	1	12
30	IGNITARUM	0	0	1	0	0	0	0	0	0	1
31	Infosys	17	14	20	20	37	16	38	10	0	172
32	Infosys Power	0	0	1	1	0	0	0	0	0	2
33	Infosys SES	0	0	0	1	0	0	0	0	0	1
34	INFOSYS TECHNOLOGY SERVIC	0	0	0	4	0	0	5	0	0	9
35	Inspirsys Solutions	0	0	1	0	0	0	0	0	0	1
36	Intuit Technology Service	0	0	2	0	0	0	0	0	0	2
37	IQVIA	1	2	2	1	1	1	1	1	0	10
38	ITC	0	0	0	0	0	0	0	0	1	1
39	KPMG	0	0	0	0	0	0	0	0	3	3
40	L&T Technology Services	1	0	2	10	0	1	9	0	0	23
41	MAX BUPA	0	0	0	0	0	0	0	0	2	2
42	MITSOGO	1	0	0	0	3	0	0	0	0	4
43	MRF	0	0	0	0	0	2	6	0	0	8
44	Nissan Digital	1	0	14	2	0	0	1	0	0	18
45	Oracle Dev	0	0	4	0	1	0	0	0	0	5
46	Predmac	0	0	0	0	0	0	2	0	0	2
47	Prevalent AI	0	0	1	0	0	0	0	0	0	1
48	Pristine Infotech	0	0	1	0	0	0	0	0	0	1
49	Providence	1	0	1	1	1	0	0	0	0	4
50	Qburst	1	0	1	1	0	0	1	0	0	4
51	QUEST GLOBAL	3	0	7	3	9	0	0	0	0	22
52	Repos Energy	0	0	0	0	1	0	1	0	0	2

53	Royal Enfield	0	0	0	0	0	1	2	0	0	3
54	Saint Gobain	0	1	0	0	0	0	0	0	0	1
55	Saint Gobain Refractories	0	0	0	0	0	0	1	0	0	1
56	Sentient Scripts	0	0	1	0	1	0	6	0	0	8
57	SIEMENS	1	0	5	3	0	0	0	0	0	9
58	Sobha Hartland Contract (Dubai)	0	0	0	0	0	1	0	0	0	1
59	Speridian Technologies	1	0	2	1	0	0	1	1	0	6
60	TATA ELXSI	1	0	4	5	5	0	0	0	0	15
61	TCS	15	13	15	25	27	15	22	10	9	151
62	TCS Digital	1	0	13	5	4	1	2	2	0	28
63	TE CONNECTIVITY	0	0	0	0	0	2	3	0	0	5
64	THE MATHCOMPANY	0	1	0	0	0	1	0	0	0	2
65	TISMO	3	0	4	4	2	0	0	0	0	13
66	Trosten Industries (Dubai)	0	0	0	0	0	0	1	0	0	1
67	Wabco India	0	0	0	0	0	0	2	0	0	2
68	WIPRO TURBO HIRING	5	1	1	3	7	3	1	0	0	21
69	Yokogawa India Ltd.	1	0	0	0	0	0	0	0	0	1
	Total Offers	79	45	136	132	150	72	149	34	43	840

PLACEMENT STATUS 2018-19

Sl. No.	Company	AE	CE	CS	EC	EE	IE	ME	MCA	MBA	Total
1	ABB	0	0	0	1	2	0	0	0	0	3
2	Accumen Capital	0	0	0	0	0	0	0	0	1	1
3	Acsia Technology	0	0	0	0	0	0	0	0	1	1
4	AKASH Institute	0	2	0	0	0	0	0	0	0	2
5	Allianz	0	0	0	0	0	0	0	0	1	1
6	Amadeus	0	0	1	2	1	0	0	0	0	4
7	AMAZON	0	0	2	0	0	0	0	0	0	2
8	Analog Devices	0	0	0	2	1	0	0	0	0	3
9	Apollo Munich	0	0	0	0	0	0	0	0	5	5
10	Aravind Mills	0	0	0	0	0	0	0	0	1	1
11	Arcesium	0	0	2	0	0	0	0	0	0	2
12	Aspire Next	0	0	0	0	0	0	0	0	1	1
13	Binary Foundation	0	0	0	0	0	0	0	0	2	2
14	Bosch	9	0	11	11	8	0	0	0	0	39
15	Byjus Classes	0	2	0	0	0	1	4	0	0	7
16	Byjus Classes BDA	0	1	0	0	0	3	2	1	2	9
17	Chola Life Insurance	0	0	0	0	0	0	0	0	1	1
18	Cognizant Technology Solu	2	6	4	6	8	9	10	2	0	47
19	Cypress	0	0	0	1	0	0	0	0	0	1
20	Dexlock	0	0	4	3	0	0	0	0	0	7
21	ENVESTNET	2	0	0	0	0	1	1	0	0	4
22	ESAF	0	0	0	0	0	0	0	0	7	7
23	Experion Technologies	1	0	0	1	2	0	0	3	0	7
24	EY	0	0	0	0	0	0	0	0	3	3
25	FEDERAL BANK	0	0	0	0	5	0	3	2	2	12
26	FITCH	0	0	0	0	0	0	0	0	1	1
27	Flytxt	1	0	1	2	0	0	0	0	0	4
28	HTIC	0	0	0	1	2	0	0	0	0	3
29	IBS	0	0	1	2	0	0	3	0	0	6
30	ICICI	0	0	0	0	0	0	0	0	4	4

31	IGNITARIUM	0	0	0	0	1	0	0	1	0	2
32	Infosys	17	30	13	23	26	19	33	15	0	176
33	Infosys Power	0	0	3	0	0	0	0	0	0	3
34	IQVIA	0	0	3	0	0	0	5	0	0	8
35	ITC	0	0	0	0	0	0	0	0	1	1
36	Jaro Education	0	0	0	0	0	0	0	0	1	1
37	KASE	0	0	0	0	0	0	0	0	2	2
38	KIFBI	0	0	0	0	0	0	0	0	1	1
39	L&T Technology Services	0	0	6	16	0	0	0	0	0	22
40	Mariott	0	0	0	0	0	0	0	0	1	1
41	MINDTECK	3	0	2	3	3	0	0	9	0	20
42	MRF	0	0	0	0	6	4	16	0	0	26
43	MU-SIGMA	2	0	0	0	0	2	0	0	0	4
44	Muthoot Fincorp	0	0	0	0	0	0	0	0	1	1
45	Nirapara	0	0	0	0	0	0	0	0	1	1
46	Nissan Digital	0	0	5	5	0	0	0	0	0	10
47	Nissan Digital (D)	1	0	1	0	0	0	0	0	0	2
48	Penna Cements	0	0	0	0	0	0	0	0	1	1
49	PRISM JOHNSON	0	0	0	0	0	0	0	0	2	2
50	QBurst	0	0	3	1	3	1	0	0	0	8
51	QUEST GLOBAL	2	0	1	2	6	0	0	0	0	11
52	RMESI	0	0	0	0	0	0	0	0	2	2
53	Saint Gobain	0	0	0	0	0	0	1	0	0	1
54	Sankar Cements	0	0	0	0	0	0	0	0	1	1
55	S&P Global	0	0	0	0	0	0	0	0	6	6
56	Sapient	0	0	3	0	0	0	0	0	0	3
57	ServiceNow Software	0	0	4	0	0	0	0	0	0	4
58	SIEMENS	0	0	5	8	2	0	0	3	0	18
59	Siemens Ltd.	1	0	4	0	2	0	1	0	0	8
60	SOUTH INDIAN BANK	0	2	0	0	1	2	3	0	0	8
61	Store King	0	0	0	0	0	0	0	0	2	2
62	SUNTEC	0	0	3	0	0	0	0	0	0	3
63	Tally Solutions	0	0	0	0	1	0	0	1	0	2
64	TATA ELXSI	8	0	3	9	14	0	0	0	0	34
65	TCS	7	1	3	4	6	3	8	10	3	45
66	TCS Digital	0	0	5	1	2	0	1	0	0	9
67	Temenos	0	0	1	2	1	0	0	0	0	4
68	Texas Instruments	0	0	0	1	0	0	0	0	0	1
69	TISMO	0	0	0	1	1	0	0	0	0	2
70	Toonz Animation	0	0	0	0	0	0	0	0	1	1
71	Travancore Analytics	0	0	0	0	1	0	1	0	0	2
72	Upskill	0	0	0	0	0	0	0	0	2	2
73	UST Global	2	0	4	8	7	0	0	2	0	23
74	VTOP Creations	0	0	0	0	0	0	0	0	2	2
75	VVDN Technologies	1	0	0	0	0	0	0	0	0	1
76	Wapcos	0	5	0	0	0	0	0	0	0	5
77	WIPRO	0	0	0	0	0	0	0	0	1	1
78	WIPRO TURBO HIRING	3	0	4	7	10	0	0	0	0	24
79	Zoho	0	0	2	1	1	0	0	1	0	5
80	Zoho (D)	0	0	4	0	0	0	0	0	0	4
	Total Offers	62	49	108	124	123	45	92	50	63	716

18. LoA and subsequent EoA till the current Academic Year



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. South-West/1-415293712/2011/EOA

Date: 01-09-2011

To,
The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2011-12.
Ref : Application of the Institution for Extension of Approval for the Year 2011-12

Sir/Madam,

In terms of the Regulations notified by the Council vide F.No. 37-3/Legal/2011 dated 10/12/2010 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the extension of approval of the Council to

Regional Office	South-West	Application Id	1-415293712
		Permanent Id	1-8262311
Name of the Institute	COLLEGE OF ENGINEERING TRIVANDRUM	Institute Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA- 695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016
Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM- 695016, TRIVANDRUM, TRIVANDRUM, Kerala, 695016
Institute Type	Government		

to conduct following courses with the intake indicated below for the academic year 2011-12

Application Id: 1-415293712			Course	Full/Part Time	Affiliating Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Kerala University, Trivandrum	40	40	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Kerala University, Trivandrum	66	66	No	No	No
MCA	1st Shift	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS	FULL TIME	Kerala University, Trivandrum	30	30	No	No	No

Application Number : 1-415293712

Page 1 of 6

Note: This is a Computer generated Extension of Approval Letter. No signature is required.
Printed By : AE6882305

Date of printing: 11-12-2011



Application Id: 1-415293712			Course	Full/Part Time	Affiliating Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Kerala University, Trivandrum	66	66	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Kerala University, Trivandrum	66	66	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICROWAVE AND TV ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SIGNAL PROCESSING	FULL TIME	Kerala University, Trivandrum	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INFORMATION SECURITY	FULL TIME	Kerala University, Trivandrum	0	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Kerala University, Trivandrum	132	132	No	No	No



Application Id: 1-415293712			Course	Full/Part Time	Affiliating Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER SYSTEMS	FULL TIME	Kerala University, Trivandrum	7	7	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Kerala University, Trivandrum	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Kerala University, Trivandrum	110	110	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	131	131	No	No	No
ARCHITECTURE AND TOWN PLANNING	1st Shift	UNDER GRADUATE	ARCHITECTURE	FULL TIME	Kerala University, Trivandrum	44	44	No	No	No



Application Id: 1-415293712			Course	Full/Part Time	Affiliating Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ARCHITECTURE AND TOWN PLANNING	1st Shift	POST GRADUATE	ARCHITECTURE (HOUSING)	FULL TIME	Kerala University, Trivandrum	7	7	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THERMAL SCIENCE	FULL TIME	Kerala University, Trivandrum	7	7	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	7	7	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	HYDRAULICS ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEOTECHNICAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ENVIRONMENTAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No



Application Id: 1-415293712			Course	Full/Part Time	Affiliating Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEO INFORMATICS	FULL TIME	Kerala University, Trivandrum	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	32	32	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	TRAFFIC AND TRANSPORTING ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	PROPULSION ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GUIDANCE AND NAVIGATION CONTROL	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL MACHINES	FULL TIME	Kerala University, Trivandrum	12	12	No	No	No

The above mentioned approval is subject to the condition that COLLEGE OF ENGINEERING TRIVANDRUM shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
2. **The Director Of Technical Education,**
Kerala
3. **The Registrar,**
Kerala University, Trivandrum
4. **The Principal / Director,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM
KERALA-695016,
THIRUVANANTHAPURAM, THIRUVANANTHAPURAM,
Kerala, 695016
5. **The Secretary / Chairman,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016,
TRIVANDRUM, TRIVANDRUM,
Kerala, 695016
6. **Guard File(AICTE)**



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. South-West/1-731103264/2012/EOA

Date: 10 May 2012

To,
The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2012-13

Ref: Application of the Institution for Extension of approval for the academic year 2012-13

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2010 notified by the Council vide notification number F-No.37-3/Legal/2010 dated 10/12/2010 and amendment vide notification number F-No.37-3/Legal/2011 dated 30/09/2011 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-731103264
		Permanent Id	1-8262311
Name of the Institute	COLLEGE OF ENGINEERING TRIVANDRUM	Institute Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA-695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016
Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM- 695016, TRIVANDRUM, TRIVANDRUM, Kerala, 695016
Institute Type	Government		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2012-13



Application Id: 1-731103264			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Kerala University, Trivandrum	66	66	No	No	No
MCA	1st Shift	POSTGRADUATE	MASTER OF COMPUTER APPLICATIONS	FULL TIME	Kerala University, Trivandrum	30	30	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRONICS & COMMUNICATION ENGINEERING	FULL TIME	Kerala University, Trivandrum	66	66	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Kerala University, Trivandrum	66	66	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POSTGRADUATE	MICROWAVE AND TV ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-731103264			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SIGNAL PROCESSING	FULL TIME	Kerala University, Trivandrum	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INFORMATION SECURITY	FULL TIME	Kerala University, Trivandrum	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Kerala University, Trivandrum	132	132	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No

Application Number: 1-731103264*

Page 3 of 11

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On: 18 May 2012.

Printed By : AE6882305



Application Id: 1-731103264			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER SYSTEMS	FULL TIME	Kerala University, Trivandrum	7	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Kerala University, Trivandrum	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Kerala University, Trivandrum	110	110	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	131	131	No	No	No
ARCHITECTURE AND TOWN PLANNING	1st Shift	UNDER GRADUATE	ARCHITECTURE	FULL TIME	Kerala University, Trivandrum	44	44	No	No	No
ARCHITECTURE AND TOWN PLANNING	1st Shift	POST GRADUATE	ARCHITECTURE (HOUSING)	FULL TIME	Kerala University, Trivandrum	7	18	No	No	No



Application Id: 1-731103264			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THEORETICAL SCIENCE	FULL TIME	Kerala University, Trivandrum	7	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	7	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	HYDRAULICS ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEOTECHNICAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ENVIRONMENTAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No



Application Id: 1-731103264			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEO INFO RMATICS	FULL TIME	Kerala University, Trivandrum	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	Kerala University, Trivandrum	32	32	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	TRAFFIC AND TRANSPORTING ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	PRODUCTION ENGINEERING	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GUIDANCE AND NAVIGATION CONTROL	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL MACHINES	FULL TIME	Kerala University, Trivandrum	12	18	No	No	No



Application Id: 1-731103264			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ARCHITECTURE AND TOWN PLANNING	1st Shift	POST GRADUATE	ARCHITECTURE	FULL TIME	Kerala University, Trivandrum	0	18	No	No	No
MANAGEMENT	2nd Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	PART TIME	Kerala University, Trivandrum	30	30	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	UNDER GRADUATE	CIVIL ENGINEERING	PART TIME	Kerala University, Trivandrum	40	40	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	PART TIME	Kerala University, Trivandrum	40	40	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	UNDER GRADUATE	ELECTRICAL ENGINEERING	PART TIME	Kerala University, Trivandrum	40	40	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGINEERING	PART TIME	Kerala University, Trivandrum	45	45	No	No	No



Application Id: 1-731103264			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	2nd Shift	UNDERGRADUATE	COMPUTER SCIENCE AND ENGINEERING	PART TIME	Kerala University, Trivandrum	40	40	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	POSTGRADUATE	APPLIED ELECTRONICS	PART TIME	Kerala University, Trivandrum	10	18	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	POSTGRADUATE	STRUCTURAL ENGINEERING	PART TIME	Kerala University, Trivandrum	10	18	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	POSTGRADUATE	HYDRAULICS ENGINEERING	PART TIME	Kerala University, Trivandrum	10	18	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	POSTGRADUATE	MACHINE DESIGN	PART TIME	Kerala University, Trivandrum	10	18	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	POSTGRADUATE	PRODUCTION ENGINEERING	PART TIME	Kerala University, Trivandrum	10	18	No	No	No



Application Id: 1-731103264			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	2nd Shift	POST GRADUATE	ELECTRICAL MACHINES	PART TIME	Kerala University, Trivandrum	10	18	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	POST GRADUATE	CONTROL SYSTEMS	PART TIME	Kerala University, Trivandrum	10	18	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	POST GRADUATE	GEOTECHNICAL ENGINEERING	PART TIME	Kerala University, Trivandrum	10	18	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	POST GRADUATE	INDUSTRIAL ENGINEERING	PART TIME	Kerala University, Trivandrum	10	18	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	POST GRADUATE	MICROWAVE AND TV ENGINEERING	PART TIME	Kerala University, Trivandrum	10	18	No	No	No
ENGINEERING AND TECHNOLOGY	2nd Shift	POST GRADUATE	THERMAL SCIENCE	PART TIME	Kerala University, Trivandrum	10	18	No	No	No



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-731103264			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	2nd Shift	POST GRADUATE	POWER SYSTEMS	PART TIME	Kerala University, Trivandrum	10	18	No	No	No
MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Kerala University, Trivandrum	40	40	No	No	No

The above mentioned approval is subject to the condition that COLLEGE OF ENGINEERING TRIVANDRUM shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

- The Regional Officer,**
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
- The Director Of Technical Education,**
Kerala



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

3. **The Registrar,**
Kerala University, Trivandrum
4. **The Principal / Director,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM
KERALA-695016,
THIRUVANANTHAPURAM, THIRUVANANTHAPURAM,
Kerala, 695016
5. **The Secretary / Chairman,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016,
TRIVANDRUM, TRIVANDRUM,
Kerala, 695016
6. **Guard File(AICTE)**





All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. South-West/1-1398631752/2013/EOA/Corrigendum-1

Date: 07-May-2013

Corrigendum

To,
The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2013-14.

Ref : Application of the Institution for Extension of Approval for the Year 2013-14

EOA Issued on	F.No. South-West/1-1398631752/2013/EOA	19-Mar-2013
EOA Printed on	F.No. South-West/1-1398631752/2013/EOA	24-Apr-2013
Corrigendum 1	F.No. South-West/1-1398631752/2013/EOA/Corrigendu	07-May-2013

Sir/Madam,

In partial modification of the letter F.No. South-West/1-1398631752/2013/EOA and in terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-1398631752
		Permanent Id	1-8262311
Name of the Institute	COLLEGE OF ENGINEERING TRIVANDRUM	Institute Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA- 695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016
Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O. THIRUVANANTHAPURAM- 695016, TRIVANDRUM, TRIVANDRUM, Kerala, 695016
Institute Type	Government		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2013-14

Application Number: 1-1398631752*

Page 1 of 9

Note This is a Computer generated Corrigendum Letter for EoA. No signature is required.

Letter Printed On: 8 May 2013.

Printed By : AE6882305



Application Id: 1-1398631752			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake 2012-13	Intake Approved for 2013-14	NRI	PIO	Foreign Collaboration
Program	Shift	Level									
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	132	132	132	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER SYSTEMS	FULL TIME	Kerala University, Thiruvananthapuram	7	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	110	110	120	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	131	131	131	NA	NA	



Application Id: 1-1398631752			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake 2012-13	Intake Approved for 2013-14	NRI	PIO	Foreign Collaboration
Program	Shift	Level									
ARCHITECTURE AND TOWN PLANNING	1st Shift	UNDER GRADUATE	ARCHITECTURE	FULL TIME	Kerala University, Thiruvananthapuram	44	44	44	NA	NA	
ARCHITECTURE AND TOWN PLANNING	1st Shift	POST GRADUATE	ARCHITECTURE (HOUSING)	FULL TIME	Kerala University, Thiruvananthapuram	7	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THERMAL SCIENCE	FULL TIME	Kerala University, Thiruvananthapuram	7	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	7	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	HYDRAULICS ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEOTECHNICAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ENVIRONMENTAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	



Application Id: 1-1398631752			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake 2012-13	Intake Approved for 2013-14	NRI	PIO	Foreign Collaboration
Program	Shift	Level									
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEO INFORMATICS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	32	32	60	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	TRAFFIC AND TRANSPORTING ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	PROPULSION ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GUIDANCE AND NAVIGATION CONTROL	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL MACHINES	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	
ARCHITECTURE AND TOWN PLANNING	1st Shift	POST GRADUATE	URBAN DESIGN	FULL TIME	Kerala University, Thiruvananthapuram	0	18	18	NA	NA	
MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	PART TIME	Kerala University, Thiruvananthapuram	30	30	30	NA	NA	



Application Id: 1-1398631752			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake 2012-13	Intake Approved for 2013-14	NRI	PIO	Foreign Collaboration
Program	Shift	Level									
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	40	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	40	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	40	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	45	45	45	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	40	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	HYDRAULICS ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	



Application Id: 1-1398631752			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake 2012-13	Intake Approved for 2013-14	NRI	PIO	Foreign Collaboration
Program	Shift	Level									
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	PROPULSION ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL MACHINES	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEOTECHNICAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INDUSTRIAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICROWAVE AND TV ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THERMAL SCIENCE	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	



Application Id: 1-1398631752			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake 2012-13	Intake Approved for 2013-14	NRI	PIO	Foreign Collaboration
Program	Shift	Level									
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER SYSTEMS	PART TIME	Kerala University, Thiruvananthapuram	10	18	18	NA	NA	
MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Kerala University, Thiruvananthapuram	40	60	120	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	FINANCIAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	0	0	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICRO AND NANO ELECTRONICS	FULL TIME	Kerala University, Thiruvananthapuram	0	0	18	NA	NA	
MCA	1st Shift	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS	FULL TIME	Kerala University, Thiruvananthapuram	30	60	60	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	66	66	66	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICROWAVE AND TV ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	12	18	18	NA	NA	



Application Id: 1-1398631752			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake 2012-13	Intake Approved for 2013-14	NRI	PIO	Foreign Collaboration
Program	Shift	Level									
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SIGNAL PROCESSING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	66	66	66	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	66	66	66	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INFORMATION SECURITY	FULL TIME	Kerala University, Thiruvananthapuram	18	18	18	NA	NA	
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SIGNAL PROCESSING	PART TIME	Kerala University, Thiruvananthapuram	0	0	18	NA	NA	

- Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that COLLEGE OF ENGINEERING TRIVANDRUM shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)
Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
2. **The Director Of Technical Education,**
Kerala
3. **The Registrar,**
Kerala University, Thiruvananthapuram
4. **The Principal / Director,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM
KERALA-695016,
THIRUVANANTHAPURAM,THIRUVANANTHAPURAM,
Kerala,695016
5. **The Secretary / Chairman,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016,
TRIVANDRUM,TRIVANDRUM,
Kerala,695016
6. **Guard File(AICTE)**



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. South-West/1-2011201850/2014/EOA

Date: 04-Jun-2014

To,
The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-2011201850
		Permanent Id	1-8262311
Name of the Institute	COLLEGE OF ENGINEERING TRIVANDRUM	Institute Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA-695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016
Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016, TRIVANDRUM, TRIVANDRUM, Kerala, 695016
Institute Type	Government		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2014-15



Application Id: 1-2011201850			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ARCHITECTURE AND TOWN PLANNING	1st Shift	POST GRADUATE	ARCHITECTURE (HOUSING)	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ARCHITECTURE AND TOWN PLANNING	1st Shift	POST GRADUATE	URBAN DESIGN	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ARCHITECTURE AND TOWN PLANNING	1st Shift	UNDER GRADUATE	ARCHITECTURE	FULL TIME	Kerala University, Thiruvananthapuram	44	44	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	PART TIME	Kerala University, Trivandrum	0	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N



Application Id: 1-2011201850			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL MACHINES	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL MACHINES	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ENVIRONMENTAL ENGINEERING	PART TIME	Kerala University, Trivandrum	0	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ENVIRONMENTAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	FINANCIAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEOTECHNICAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEOTECHNICAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEO INFORMATICS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GUIDANCE AND NAVIGATION CONTROL	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-2011201850			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	HYDRAULICS ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	HYDRAULICS ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INDUSTRIAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INFORMATION SECURITY	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICROWAVE AND TV ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICROWAVE AND TV ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N



Application Id: 1-2011201850			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICRO AND NANO ELECTRONICS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER SYSTEMS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER SYSTEMS	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	PROPULSION ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	PROPULSION ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SIGNAL PROCESSING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SIGNAL PROCESSING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N



Application Id: 1-2011201850			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THERMAL SCIENCE	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THERMAL SCIENCE	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	TRAFFIC AND TRANSPORTING ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	66	66	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	132	132	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	66	66	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	120	120	NA	NA	N



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Application Id: 1-2011201850			Course	Full/Part Time	Affiliating Body	Intake 2013-14	Intake Approved for 14-15	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	66	66	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	PART TIME	Kerala University, Thiruvananthapuram	45	45	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	60	60	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	131	131	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	NA	NA	N
MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	PART TIME	Kerala University, Thiruvananthapuram	30	30	NA	NA	N
MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Kerala University, Thiruvananthapuram	120	120	NA	NA	N
MCA	1st Shift	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS	FULL TIME	Kerala University, Thiruvananthapuram	60	60	NA	NA	N



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

- Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that COLLEGE OF ENGINEERING TRIVANDRUM shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Copy to:

- 1. The Regional Officer,**
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
- 2. The Director Of Technical Education,**
Kerala
- 3. The Registrar,**
Kerala University, Trivandrum
- 4. The Principal / Director,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM
KERALA-695016,
THIRUVANANTHAPURAM, THIRUVANANTHAPURAM,
Kerala, 695016
- 5. The Secretary / Chairman,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016,



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

TRIVANDRUM,TRIVANDRUM,
Kerala,695016

6. Guard File(AICTE)



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. South-West/1-2450998514/2015/EOA

Date: 24-Apr-2015

To,
The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2015-16

Ref: Application of the Institution for Extension of approval for the academic year 2015-16

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-2450998514
		Permanent Id	1-8262311
Name of the Institute	COLLEGE OF ENGINEERING TRIVANDRUM	Institute Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA-695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016
Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016, TRIVANDRUM, TRIVANDRUM, Kerala, 695016
Institute Type	Government		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2015-16

Application Number: 1-2450998514*

Page 1 of 9

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:16 June 2015

Printed By : ae6882305



Application Id: 1-2450998514			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ARCHITECTURE AND TOWN PLANNING	1st Shift	POST GRADUATE	ARCHITECTURE (HOUSING)	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ARCHITECTURE AND TOWN PLANNING	1st Shift	POST GRADUATE	URBAN DESIGN	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ARCHITECTURE AND TOWN PLANNING	1st Shift	UNDER GRADUATE	ARCHITECTURE	FULL TIME	Kerala University, Thiruvananthapuram	44	44	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	PART TIME	Kerala University, Trivandrum	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA



Application Id: 1-2450998514			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL MACHINES	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL MACHINES	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ENVIRONMENTAL ENGINEERING	PART TIME	Kerala University, Trivandrum	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ENVIRONMENTAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	FINANCIAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEOTECHNICAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEOTECHNICAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA



Application Id: 1-2450998514			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GEO INFORMATICS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	GUIDANCE AND NAVIGATION CONTROL	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	HYDRAULICS ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	HYDRAULICS ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INDUSTRIAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INFORMATION SECURITY	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA



Application Id: 1-2450998514			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICROWAVE AND TV ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICROWAVE AND TV ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICRO AND NANO ELECTRONICS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER SYSTEMS	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER SYSTEMS	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	PROPULSION ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	PROPULSION ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA



Application Id: 1-2450998514			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SIGNAL PROCESSING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SIGNAL PROCESSING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THERMAL SCIENCE	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THERMAL SCIENCE	PART TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	TRAFFIC AND TRANSPORTING ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	66	66	NA	NA	NA



Application Id: 1-2450998514			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	132	132	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	66	66	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	66	66	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	PART TIME	Kerala University, Thiruvananthapuram	45	45	NA	NA	NA



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

Application Id: 1-2450998514			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Kerala University, Thiruvananthapuram	131	131	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	PART TIME	Kerala University, Thiruvananthapuram	40	40	NA	NA	NA
MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	PART TIME	Kerala University, Thiruvananthapuram	30	30	NA	NA	NA
MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Kerala University, Thiruvananthapuram	120	120	NA	NA	NA
MCA	1st Shift	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS	FULL TIME	Kerala University, Thiruvananthapuram	60	60	NA	NA	NA

Note: Validity of the course details may be verified at www.aicte-india.org>departments>approvals

The above mentioned approval is subject to the condition that COLLEGE OF ENGINEERING TRIVANDRUM shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Dr. Avinash S Pant
Actg Chairman, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
2. **The Director Of Technical Education,**
Kerala
3. **The Registrar,**
Kerala University, Trivandrum
4. **The Principal / Director,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM
KERALA-695016,
THIRUVANANTHAPURAM,THIRUVANANTHAPURAM,
Kerala,695016
5. **The Secretary / Chairman,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016,
TRIVANDRUM,TRIVANDRUM,
Kerala,695016
6. **Guard File(AICTE)**



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

F.No. South-West/1-2810395153/2016/EOA

Date: 25-Apr-2016

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2016-17

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-2810395153
Name of the Institute	COLLEGE OF ENGINEERING TRIVANDRUM	Permanent Id	1-8262311
Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM	Institute Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA-695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016
Institute Type	Government	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016, TRIVANDRUM, TRIVANDRUM, Kerala, 695016

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2810395153			Course	Full/Part Time	Affiliating Body	Intake 2015-16	Intake Approved for 2016-17	NRI Approval status	PIO / FN / Gulf quota Approval status	Foreign Collaboration/Twining Program Approval status*
Program	Shift	Level								
ARCHITECTURE	1st Shift	POST GRADUA	ARCHITECTURE (HOUSING)	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

		TE								
ARCHITECTURE	1st Shift	POST GRADUATE	URBAN DESIGN	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ARCHITECTURE	1st Shift	UNDER GRADUATE	ARCHITECTURE	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	44	44	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL MACHINES	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
	1st	POST	ELECTRICAL	PART	KERALA	18	18	NA	NA	NA



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

ENGINEERING AND TECHNOLOGY	Shift	T G R A D U A T E	MACHINES	TIME	TECHNOLOGICAL UNIVERSITY					
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	ENVIRONMENTAL ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	ENVIRONMENTAL ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	FINANCIAL ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	GEOTECHNICAL ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	GEOTECHNICAL ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	GEO INFORMATICS	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	GUIDANCE AND NAVIGATION CONTROL	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	HYDRAULICS ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	HYDRAULICS ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
	1st	POS	INDUSTRIAL	FULL	KERALA	18	18	NA	NA	NA



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

ENGINEERING AND TECHNOLOGY	Shift	T G R A D U A T E	ENGINEERING	TIME	TECHNOLOGICAL UNIVERSITY					
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	INDUSTRIAL ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	INFORMATION SECURITY	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	MACHINE DESIGN	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	MACHINE DESIGN	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	MANUFACTURING AND AUTOMATION	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	0	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	MICROWAVE AND TV ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	MICROWAVE AND TV ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	MICRO AND NANO ELECTRONICS	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	POWER SYSTEMS	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
	1st	POS	POWER	PART	KERALA	18	18	NA	NA	NA



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

ENGINEERING AND TECHNOLOGY	Shift	T G R A D U A T E	SYSTEMS	TIME	TECHNOLOGICAL UNIVERSITY					
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	PROPULSION ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	PROPULSION ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	ROBOTICS AND AUTOMATION	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	0	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	SIGNAL PROCESSING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	SIGNAL PROCESSING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	STRUCTURAL ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	STRUCTURAL ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	THERMAL SCIENCE	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	THERMAL SCIENCE	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	18	18	NA	NA	NA
	1st	POS	TRAFFIC AND	FULL	KERALA	18	18	NA	NA	NA



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

ENGINEERING AND TECHNOLOGY	Shift	UNDERGRADUATE	TRANSPORTING ENGINEERING	TIME	TECHNOLOGICAL UNIVERSITY					
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	66	66	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	CIVIL ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	132	132	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	CIVIL ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	40	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	COMPUTER SCIENCE AND ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	40	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	COMPUTER SCIENCE & ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	66	66	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRICAL ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	40	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	66	66	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRONICS & COMMUNICATION ENGG	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	45	45	NA	NA	NA



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	MECHANICAL ENGINEERING	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	131	131	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	MECHANICAL ENGINEERING	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	40	40	NA	NA	NA
MANAGEMENT	1st Shift	POSTGRADUATE	MASTERS IN BUSINESS ADMINISTRATION	PART TIME	KERALA TECHNOLOGICAL UNIVERSITY	30	30	NA	NA	NA
MANAGEMENT	1st Shift	POSTGRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	120	120	NA	NA	NA
MCA	1st Shift	POSTGRADUATE	MASTER OF COMPUTER APPLICATIONS	FULL TIME	KERALA TECHNOLOGICAL UNIVERSITY	60	60	NA	NA	NA

The above mentioned approval is subject to the condition that COLLEGE OF ENGINEERING TRIVANDRUM shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org

Dr. Avinash S Pant
Vice - Chairman, AICTE

Copy to:
1. **The Regional Officer,**
All India Council for Technical Education



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

- Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
2. **The Director Of Technical Education,**
Kerala
 3. **The Registrar,**
KERALA TECHNOLOGICAL UNIVERSITY
 4. **The Principal / Director,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM
KERALA-695016,
THIRUVANANTHAPURAM,THIRUVANANTHAPURAM,
Kerala,695016
 5. **The Secretary / Chairman,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016,
TRIVANDRUM,TRIVANDRUM,
Kerala,695016
 6. **Guard File(AICTE)**



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

F.No. South-West/1-3328419517/2017/EOA

Date: 30-Mar-2017

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of approval for the academic year 2017-18

Ref: Application of the Institution for Extension of approval for the academic year 2017-18

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-8262311	Application Id	1-3328419517
Name of the Institute	COLLEGE OF ENGINEERING TRIVANDRUM	Institute Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA-695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016
Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016 TRIVANDRUM, TRIVANDRUM, Kerala, 695016
Institute Type	Government	Region	South-West

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable
Opted for Conversion from degree to diploma	No	Opted for Conversion from diploma to degree	No	Conversion (degree to diploma or vice-versa) Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2017-18

Application Id: 1-3328419517			Course	Full/Part Time	Affiliating Body	Intake Approved for 2016-17	Intake Approved for 2017-18	NRI Approval status	PIO / FN / Gulf quota/ OCI/ Approval status	Foreign Collaboration/Twinning Program Approval status*
Program	Shift	Level								
ARCHITECTURE	1st Shift	POST GRADUA	ARCHITECTURE (HOUSING)	FULL TIME	APJ Abdul Kalam Technological University,	18	18	NA	NA	NA



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

		TE			Kerala					
ARCHITECTURE	1st Shift	POST GRADUATE	URBAN DESIGN	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ARCHITECTURE	1st Shift	UNDER GRADUATE	ARCHITECTURE	FULL TIME	APJ Abdul Kalam Technological University, Kerala	44	44	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	APPLIED ELECTRONICS	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL MACHINES	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
	1st	POST	ELECTRICAL	PART	APJ Abdul	18	18	NA	NA	NA



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

ENGINEERING AND TECHNOLOGY	Shift	T G R A D U A T E	MACHINES	TIME	Kalam Technological University, Kerala					
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	ENVIRONMENTAL ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	ENVIRONMENTAL ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	FINANCIAL ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	GEOTECHNICAL ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	GEOTECHNICAL ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	GEO INFORMATICS	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	GUIDANCE AND NAVIGATION CONTROL	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	HYDRAULICS ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POS T G R A D U A T E	HYDRAULICS ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
	1st	POS	INDUSTRIAL	FULL	APJ Abdul	18	18	NA	NA	NA



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

ENGINEERING AND TECHNOLOGY	Shift	T GRADUATE	ENGINEERING	TIME	Kalam Technological University, Kerala					
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INDUSTRIAL ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	INFORMATION SECURITY	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MANUFACTURING AND AUTOMATION	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICROWAVE AND TV ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICROWAVE AND TV ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MICRO AND NANO ELECTRONICS	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER SYSTEMS	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
	1st	POS	POWER	PART	APJ Abdul	18	18	NA	NA	NA



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

ENGINEERING AND TECHNOLOGY	Shift	T GRADUATE	SYSTEMS	TIME	Kalam Technological University, Kerala					
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	PROPULSION ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	PROPULSION ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ROBOTICS AND AUTOMATION	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SIGNAL PROCESSING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SIGNAL PROCESSING	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THERMAL SCIENCE	FULL TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THERMAL SCIENCE	PART TIME	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA	NA
	1st	POS	TRAFFIC AND	FULL	APJ Abdul	18	18	NA	NA	NA



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

ENGINEERING AND TECHNOLOGY	Shift	T G R A D U A T E	TRANSPORTING ENGINEERING	TIME	Kalam Technological University, Kerala					
ENGINEERING AND TECHNOLOGY	1st Shift	U N D E R G R A D U A T E	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	66	66	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	U N D E R G R A D U A T E	CIVIL ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	132	132	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	U N D E R G R A D U A T E	CIVIL ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	U N D E R G R A D U A T E	COMPUTER SCIENCE AND ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	U N D E R G R A D U A T E	COMPUTER SCIENCE & ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	66	66	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	U N D E R G R A D U A T E	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	U N D E R G R A D U A T E	ELECTRICAL ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	U N D E R G R A D U A T E	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	66	66	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	U N D E R G R A D U A T E	ELECTRONICS & COMMUNICATIONS ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	45	45	NA	NA	NA



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	INDUSTRIAL ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	MECHANICAL ENGINEERING	FULL TIME	APJ Abdul Kalam Technological University, Kerala	131	131	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	MECHANICAL ENGINEERING	PART TIME	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA	NA
MANAGEMENT	1st Shift	POSTGRADUATE	MASTERS IN BUSINESS ADMINISTRATION	PART TIME	APJ Abdul Kalam Technological University, Kerala	30	30	NA	NA	NA
MANAGEMENT	1st Shift	POSTGRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA	NA
MCA	1st Shift	POSTGRADUATE	MASTER OF COMPUTER APPLICATIONS	FULL TIME	APJ Abdul Kalam Technological University, Kerala	60	60	NA	NA	NA

The above mentioned approval is subject to the condition that

COLLEGE OF ENGINEERING TRIVANDRUM

shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org

Prof. A.P Mittal



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-India.org

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
2. **The Director Of Technical Education**,**
Kerala
3. **The Registrar**,**
APJ Abdul Kalam Technological University, Kerala
4. **The Principal / Director,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM
KERALA-695016,
THIRUVANANTHAPURAM, THIRUVANANTHAPURAM,
Kerala, 695016
5. **The Secretary / Chairman,**
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016,
TRIVANDRUM, TRIVANDRUM,
Kerala, 695016
6. **Guard File(AICTE)**

Note: ** - Approval letter copy will not be communicated through post/email. However, provision is made in the portal for downloading Approval letter through Authorized login credentials allotted to concerned DTE/Registrar.

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2018-19

Extension of Approval (EoA)

F.No. South-West/1-3516086588/2018/EOA

Date: 10-Apr-2018

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of Approval for the Academic Year 2018-19

Ref: Application of the Institution for Extension of approval for the Academic Year 2018-19

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and amended on December 5, 2017 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-8262311	Application Id	1-3516086588
Name of the Institute	COLLEGE OF ENGINEERING TRIVANDRUM	Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM
Institute Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA-695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016, TRIVANDRUM, TRIVANDRU M, Kerala, 695016
Institute Type	Government	Region	South-West

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site	No	Change of Site Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2018-19

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2018-19	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status	Foreign Collaboration /Twining Program Approval Status*
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ENVIRONMENTAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING	1st	UNDER	CIVIL	FT	APJ Abdul Kalam	132	NA	NA	NA

AND TECHNOLOGY		GRADUATE	ENGINEERING		Technological University, Kerala				
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	STRUCTURAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	CONTROL SYSTEMS	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	POWER SYSTEMS	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	MECHANICAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	131	NA	NA	NA
ARCHITECTURE	1st	UNDER GRADUATE	ARCHITECTURE	FT	APJ Abdul Kalam Technological University, Kerala	44	NA	NA	NA
ARCHITECTURE	1st	POST GRADUATE	ARCHITECTURE (HOUSING)	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MACHINE DESIGN	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	THERMAL SCIENCE	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	INDUSTRIAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	HYDRAULICS ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	GEOTECHNICAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ENVIRONMENTAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	GEO INFORMATICS	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	INDUSTRIAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	TRAFFIC AND TRANSPORTING ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	PROPULSION ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	GUIDANCE AND NAVIGATION CONTROL	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ELECTRICAL MACHINES	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ARCHITECTURE	1st	POST GRADUATE	URBAN DESIGN	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
MANAGEMENT	1st	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	PT	APJ Abdul Kalam Technological University, Kerala	30	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	CIVIL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	MECHANICAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	40	NA	NA	NA

ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRICAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	PT	APJ Abdul Kalam Technological University, Kerala	45	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	40	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	APPLIED ELECTRONICS	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	STRUCTURAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	HYDRAULICS ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MACHINE DESIGN	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	PROPULSION ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ELECTRICAL MACHINES	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	CONTROL SYSTEMS	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	GEOTECHNICAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	INDUSTRIAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MICROWAVE AND TV ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	THERMAL SCIENCE	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	POWER SYSTEMS	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
MANAGEMENT	1st	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FT	APJ Abdul Kalam Technological University, Kerala	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	FINANCIAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MICRO AND NANO ELECTRONICS	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
MCA	1st	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS	FT	APJ Abdul Kalam Technological University, Kerala	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE & ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	66	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	APPLIED ELECTRONICS	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MICROWAVE AND TV ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	SIGNAL PROCESSING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION	FT	APJ Abdul Kalam Technological University, Kerala	66	NA	NA	NA

			ENGINEERING						
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	66	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	INFORMATION SECURITY	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	SIGNAL PROCESSING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ROBOTICS AND AUTOMATION	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MANUFACTURING AND AUTOMATION	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA	NA
ARCHITECTURE	1st	POST GRADUATE	ENVIRONMENTAL DESIGN	FT	APJ Abdul Kalam Technological University, Kerala	20	NA	NA	NA

+FT –Full Time,PT-Part Time

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

1. The Regional Officer,
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
2. The Director Of Technical Education**,
Kerala
3. The Registrar**,
APJ Abdul Kalam Technological University, Kerala
4. The Principal / Director,
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM
KERALA-695016,
THIRUVANANTHAPURAM,THIRUVANANTHAPURAM,
Kerala,695016
5. The Secretary / Chairman,
COLLEGE OF ENGINEERING TRIVANDRUM
COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016,
TRIVANDRUM,TRIVANDRUM,
Kerala,695016
6. Guard File(AICTE)

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email

Address to the concerned Authorities mentioned above.

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2019-20

Extension of Approval (EoA)

F.No. South-West/1-4262023846/2019/EOA

Date: 30-Apr-2019

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of Approval for the Academic Year 2019-20

Ref: Application of the Institution for Extension of approval for the Academic Year 2019-20

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2018 notified by the Council vide notification number F.No.AB/AICTE/REG/2018 dated 31/12/2018 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-8262311	Application Id	1-4262023846
Name of the Institute	College Of Engineering Trivandrum	Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM
Institute Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA-695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016, TRIVANDRUM, TRIVANDRUM, Kerala, 695016
Institute Type	Government	Region	South-West

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site/Location	No	Change of Site/Location Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA
Opted for Merger of Institution	No	Merger of Institution Approved or Not	NA
Opted for Introduction of New Program/Level	No	Introduction of Program/Level Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2019-20

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2019-20	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMPUTER SCIENCE AND	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA

			ENGINEERING					
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ENVIRONMENTAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	CIVIL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	120	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	STRUCTURAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	CONTROL SYSTEMS	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	POWER SYSTEMS	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	120	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	MECHANICAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	120	NA	NA
ARCHITECTURE AND PLANNING	1st	UNDER GRADUATE	ARCHITECTURE	FT	APJ Abdul Kalam Technological University, Kerala	40	NA	NA
ARCHITECTURE AND PLANNING	1st	POST GRADUATE	ARCHITECTURE (HOUSING)	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MACHINE DESIGN	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	THERMAL SCIENCE	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	INDUSTRIAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	HYDRAULICS ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	GEOTECHNICAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ENVIRONMENTAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	GEO INFORMATICS	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	INDUSTRIAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	60	NA	NA

ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	TRAFFIC AND TRANSPORTING ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	PROPULSION ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	GUIDANCE AND NAVIGATION CONTROL	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ELECTRICAL MACHINES	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ARCHITECTURE AND PLANNING	1st	POST GRADUATE	URBAN DESIGN	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
MANAGEMENT	1st	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	PT	APJ Abdul Kalam Technological University, Kerala	30	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	CIVIL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	40	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	MECHANICAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	40	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRICAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	40	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	45	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	40	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	APPLIED ELECTRONICS	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	STRUCTURAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	HYDRAULICS ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MACHINE DESIGN	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	PROPULSION ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ELECTRICAL MACHINES	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	CONTROL SYSTEMS	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA

ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	GEOTECHNICAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	INDUSTRIAL ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MICROWAVE AND TV ENGINEERING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	THERMAL SCIENCE	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	POWER SYSTEMS	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
MANAGEMENT	1st	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FT	APJ Abdul Kalam Technological University, Kerala	120	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	FINANCIAL ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MICRO AND NANO ELECTRONICS	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
MCA	1st	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS	FT	APJ Abdul Kalam Technological University, Kerala	60	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE & ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	60	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	APPLIED ELECTRONICS	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MICROWAVE AND TV ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	SIGNAL PROCESSING	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	60	NA	NA
ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FT	APJ Abdul Kalam Technological University, Kerala	60	NA	NA
ENGINEERING	1st	POST		FT	APJ Abdul Kalam Technological	18	NA	NA

AND TECHNOLOGY		GRADUA TE	INFORMATION SECURITY		University, Kerala			
ENGINEERING AND TECHNOLOGY	1st	POST GRADUA TE	SIGNAL PROCESSING	PT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUA TE	ROBOTICS AND AUTOMATION	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ENGINEERING AND TECHNOLOGY	1st	POST GRADUA TE	MANUFACTURIN G AND AUTOMATION	FT	APJ Abdul Kalam Technological University, Kerala	18	NA	NA
ARCHITECTURE AND PLANNING	1st	POST GRADUA TE	ENVIRONMENTA L DESIGN	FT	APJ Abdul Kalam Technological University, Kerala	20	NA	NA

+FT –Full Time,PT-Part Time

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

It is mandatory to comply all the essential requirements as given in APH 2019-20(appendix 6)

NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutes and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT/ DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic year 2019-20 without affecting the percentage reservations of SC/ST/OBC/General . However, this would not be applicable in the case of Minority Institutions referred to the clause (1) of Article 30 of Constitution of India.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education****, Kerala
2. **The Registrar****,
Apj Abdul Kalam Technological University, Kerala
3. **The Principal / Director**,
College Of Engineering Trivandrum
College Of Engineering, Trivandrum, Thiruvananthapuram
Kerala-695016,
Thiruvananthapuram,Thiruvananthapuram,
Kerala,695016
4. **The Secretary / Chairman**,
College Of Engineering Trivandrum
College Of Engineering, Engineering College P.O, Thiruvananthapuram-695016.
Trivandrum,Trivandrum,
Kerala,695016
5. **The Regional Officer**,
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

**** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.**

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2020-21

Extension of Approval (EoA)

F.No. South-West/1-7007217837/2020/EOA

Date: 15-Jun-2020

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of Approval for the Academic Year 2020-21

Ref: Application of the Institution for Extension of Approval for the Academic Year 2020-21

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2020 notified by the Council vide notification number F.No. AB/AICTE/REG/2020 dated 4th February 2020 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-8262311	Application Id	1-7007217837
Name of the Institution	COLLEGE OF ENGINEERING TRIVANDRUM	Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM
Institution Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA-695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016, TRIVANDRUM, TRIVANDRUM, Kerala, 695016
Institution Type	Government	Region	South-West

To conduct following Courses with the Intake indicated below for the Academic Year 2020-21

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2019-20	Intake Approved for 2020-21	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	9	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ENVIRONMENTAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	STRUCTURAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	CONTROL SYSTEMS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	POWER SYSTEMS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA
ARCHITECTURE AND PLANNING	UNDER GRADUATE	ARCHITECTURE	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA
ARCHITECTURE AND PLANNING	POST GRADUATE	ARCHITECTURE (HOUSING)	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MACHINE DESIGN	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	THERMAL SCIENCE	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	INDUSTRIAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA

ENGINEERING AND TECHNOLOGY	POST GRADUATE	HYDRAULICS ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	GEOTECHNICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ENVIRONMENTAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	GEO INFORMATICS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INDUSTRIAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	TRAFFIC AND TRANSPORTING ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	PROPULSION ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	GUIDANCE AND NAVIGATION CONTROL	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ELECTRICAL MACHINES	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ARCHITECTURE AND PLANNING	POST GRADUATE	URBAN DESIGN	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
MANAGEMENT	POST GRADUATE	MBA	APJ Abdul Kalam Technological University, Kerala	30	30	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	APJ Abdul Kalam Technological University, Kerala	45	45	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	APPLIED ELECTRONICS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	STRUCTURAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	HYDRAULICS ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MACHINE DESIGN	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	PROPULSION ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ELECTRICAL MACHINES	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	CONTROL SYSTEMS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	GEOTECHNICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA

ENGINEERING AND TECHNOLOGY	POST GRADUATE	INDUSTRIAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MICROWAVE AND TV ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	THERMAL SCIENCE	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	POWER SYSTEMS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
MANAGEMENT	POST GRADUATE	MBA	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	FINANCIAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MICRO AND NANO ELECTRONICS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
MCA	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS	APJ Abdul Kalam Technological University, Kerala	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE & ENGINEERING	APJ Abdul Kalam Technological University, Kerala	60	120	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	APPLIED ELECTRONICS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MICROWAVE AND TV ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	SIGNAL PROCESSING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	APJ Abdul Kalam Technological University, Kerala	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	APJ Abdul Kalam Technological University, Kerala	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	INFORMATION SECURITY	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	SIGNAL PROCESSING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ROBOTICS AND AUTOMATION	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MANUFACTURING AND AUTOMATION	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ARCHITECTURE AND PLANNING	POST GRADUATE	ENVIRONMENTAL DESIGN	APJ Abdul Kalam Technological University, Kerala	20	20	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ARTIFICIAL INTELLIGENCE	APJ Abdul Kalam Technological University, Kerala	0	18###	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	POWER ELECTRONICS	APJ Abdul Kalam Technological University, Kerala	0	18###	NA	NA

Approved New Course(s)

\$\$ Course(s) should be offered in Emerging Area

It is mandatory to comply with all the essential requirements as given in APH 2020-21 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2020-21 is

implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years beginning with the Academic Year 2020-21

2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2020-21 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE.
3. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
4. Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 373/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education****, Kerala
2. **The Registrar****,
Apj Abdul Kalam Technological University, Kerala
3. **The Principal / Director**,
COLLEGE OF ENGINEERING TRIVANDRUM
College Of Engineering, Trivandrum, Thiruvananthapuram
Kerala-695016,
Thiruvananthapuram,Thiruvananthapuram,
Kerala,695016
4. **The Secretary / Chairman**,
COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016
TRIVANDRUM,TRIVANDRUM
Kerala,695016
5. **The Regional Officer**,
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.



APPROVAL PROCESS 2021-22

Extension of Approval (EoA)

F.No. South-West/1-9319095795/2021/EOA

Date: 02-Jul-2021

To,

The Principal Secretary,
Deptt. Of education, Govt. of Kerala,
Govt. Sectt. Annexe,
Thiruvananthapuram-695001

Sub: Extension of Approval for the Academic Year 2021-22

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, Notified on 4th February, 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

Permanent Id	1-8262311	Application Id	1-9319095795
Name of the Institution /University	COLLEGE OF ENGINEERING TRIVANDRUM	Name of the Society/Trust	COLLEGE OF ENGINEERING TRIVANDRUM
Institution /University Address	COLLEGE OF ENGINEERING, TRIVANDRUM, THIRUVANANTHAPURAM KERALA-695016, THIRUVANANTHAPURAM, THIRUVANANTHAPURAM, Kerala, 695016	Society/Trust Address	COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016, TRIVANDRUM, TRIVANDRUM, Kerala, 695016
Institution /University Type	Government	Region	South-West

To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	APJ Abdul Kalam Technological University, Kerala	9	9	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ENVIRONMENTAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	STRUCTURAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	CONTROL SYSTEMS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	POWER SYSTEMS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA
ARCHITECTURE AND PLANNING	UNDER GRADUATE	ARCHITECTURE	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA
ARCHITECTURE AND PLANNING	POST GRADUATE	ARCHITECTURE (HOUSING)	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MACHINE DESIGN	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	THERMAL SCIENCE	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	INDUSTRIAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA

ENGINEERING AND TECHNOLOGY	POST GRADUATE	HYDRAULICS ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	GEOTECHNICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ENVIRONMENTAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	GEO INFORMATICS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	INDUSTRIAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	TRAFFIC AND TRANSPORTING ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	PROPULSION ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	GUIDANCE AND NAVIGATION CONTROL	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ELECTRICAL MACHINES	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ARCHITECTURE AND PLANNING	POST GRADUATE	URBAN DESIGN	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
MANAGEMENT	POST GRADUATE	MBA	APJ Abdul Kalam Technological University, Kerala	30	30	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	APJ Abdul Kalam Technological University, Kerala	45	45	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	APJ Abdul Kalam Technological University, Kerala	40	40	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	APPLIED ELECTRONICS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	STRUCTURAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	HYDRAULICS ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MACHINE DESIGN	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	PROPULSION ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ELECTRICAL MACHINES	APJ Abdul Kalam Technological University, Kerala	18	9**	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	CONTROL SYSTEMS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	GEOTECHNICAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA

ENGINEERING AND TECHNOLOGY	POST GRADUATE	INDUSTRIAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MICROWAVE AND TV ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	9**	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	THERMAL SCIENCE	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	POWER SYSTEMS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
MANAGEMENT	POST GRADUATE	MBA	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	FINANCIAL ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MICRO AND NANO ELECTRONICS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
MCA	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS	APJ Abdul Kalam Technological University, Kerala	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE & ENGINEERING	APJ Abdul Kalam Technological University, Kerala	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	APPLIED ELECTRONICS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MICROWAVE AND TV ENGINEERING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	SIGNAL PROCESSING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA

ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	APJ Abdul Kalam Technological University, Kerala	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	APJ Abdul Kalam Technological University, Kerala	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	INFORMATION SECURITY	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	SIGNAL PROCESSING	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ROBOTICS AND AUTOMATION	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	MANUFACTURING AND AUTOMATION	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ARCHITECTURE AND PLANNING	POST GRADUATE	ENVIRONMENTAL DESIGN	APJ Abdul Kalam Technological University, Kerala	20	20	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	ARTIFICIAL INTELLIGENCE	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	POWER ELECTRONICS	APJ Abdul Kalam Technological University, Kerala	18	18	NA	NA
ENGINEERING AND TECHNOLOGY	POST GRADUATE	RENEWABLE ENERGY	APJ Abdul Kalam Technological University, Kerala	0	18##	NA	NA

Approved New Course(s)

**Intake reduced due to the admissions less than or equal to 30% of the initial "Approved Intake" for the past 5 years consistently

It is mandatory to comply with all the essential requirements as given in APH 2021-22 (Appendix 6)

Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Prof.Rajive Kumar
Member Secretary, AICTE

Copy ** to:

1. **The Director of Technical Education**, Kerala**
2. **The Registrar**,
Apj Abdul Kalam Technological University, Kerala**
3. **The Principal / Director,
COLLEGE OF ENGINEERING TRIVANDRUM
College Of Engineering, Trivandrum, Thiruvananthapuram
Kerala-695016,
Thiruvananthapuram,Thiruvananthapuram,
Kerala,695016**
4. **The Secretary / Chairman,
COLLEGE OF ENGINEERING, ENGINEERING COLLEGE P.O, THIRUVANANTHAPURAM-695016
TRIVANDRUM,TRIVANDRUM
Kerala,695016**
5. **The Regional Officer,
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka**
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/> .

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

This is a computer generated Statement. No signature Required