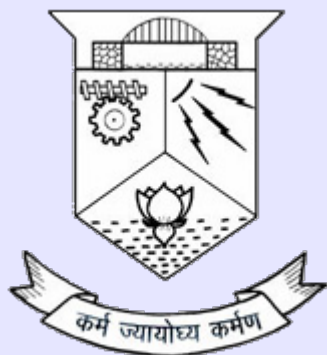


Faculty Development Programme
on
Image Processing with Python
(6th to 11th January 2020)

Sponsored by
**Director of Technical Education
Govt. of Kerala**

Organised by
**Dept. of Electronics and
Communication Engineering
College of Engineering Trivandrum
Thiruvananthapuram
Kerala - 695 016
www.cet.ac.in**



Co-ordinators
**Prof. Jeena R. S.
Dr. Sreeni K. G.**

Registration Form

Name :
Designation :
Official Address :
Mobile No. :
e-mail :
Qualifications :
Experience :
Food Preference : Veg / Non-Veg

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration. I also undertake the responsibility to inform the co-ordinators sufficiently in advance, in case I am unable to attend the course.

Place:
Date: Signature of the applicant

Sponsorship Certificate

Certified that Mr./Ms./Dr.
is an employee of this institution and is hereby sponsored for the FDP on *Image Processing with Python* at *College of Engineering Trivandrum* during 6th to 11th January 2020. If selected, he/she will be permitted to attend the course.

Place: Name & Signature of
Date: the Sponsoring Authority

(Seal of the Institution)

Address for Correspondence

Prof. Jeena R. S.,
Associate Professor,
Dept. of ECE,
College of Engineering Trivandrum,
e-mail : jeena_rs@yahoo.com
Mob: 9495978846

Dr. Sreeni K. G.,
Associate Professor,
Dept. of ECE,
College of Engineering Trivandrum,
e-mail : sreenikg79@gmail.com
Mob: 9497768343

- **College of Engineering Trivandrum** College of Engineering Trivandrum was established in 1939 as the first engineering college in the then Travancore state. Over the past 77 years it has grown to the most sought-after institute of engineering studies in the state of Kerala. The College has eight full-fledged engineering departments offering undergraduate, post-graduate and Ph.D programmes under APJ Abdul Kalam Technological University. The College has more than 3500 students, 285 teaching staff and 290 non-teaching staff. Ever since the inception, the college has maintained its commitment to high quality education. It has a vast and strong alumni base, spread across the globe.
- **About the Department** Department of Electronics and Communication Engineering, College of Engineering Trivandrum began its operations in 1965. The department offers UG courses in Electronics & Communication Engineering, Applied Electronics & Instrumentation Engineering and PG courses in Microwave and TV Engineering, Applied Electronics & Instrumentation Engineering, Signal Processing and Micro & Nano Electronics. The department is recognised as a QIP centre for Ph.D programme by the Ministry of Human Resources Development.
- **Objectives of the Programme** This FDP

is aimed at giving an introduction to python programming for Image processing. At the end of the FDP participants will be able to explore, manipulate, and analyze images using Python packages. The course will cover the following topics with all sessions being hands-on.

- **Course Content**

- Introduction to Python
- Image Representation
- Enhancement
- Filtering
- Geometric Transformation
- Edge Detection
- Hough Transforms
- Image Segmentation
- Classification

- **Resource Persons** The resource persons are faculty members from College of Engineering Trivandrum and other reputed academic institutes.
- **How to Apply** In order to apply for the FDP, a candidate from institution under DTE has to create an account in the TMS portal of DTE (<http://admissions.dtekerala.gov.in/tpms/>) and then apply through the created account. For candidate for non-DTE institutions has to visit the portal (<http://admissions.dtekerala.gov.in/tpms/>) and click on

the **+Read More** more button in the **Apply for a Course** tab and apply through the **Others** option. The application included herewith or in a similar format, duly recommended by the Head of the institution should reach the coordinator on or before 1st **January 2020**. Advance copy of the application may be sent through e-mail. The selected candidates will be intimated through e-mail.

- **Eligibility**

Faculty members from AICTE approved Engineering Colleges and Polytechnic Colleges are eligible to apply.

- **Fee**

There is no fee for participants from Government/Aided/Govt. controlled institutions. Faculty from private self financing institutions need to pay a fee of Rs. 1000/.

- **TA/Accommodation**

Participants have to make their own arrangements for travel, boarding, and lodging. TA will be disbursed as per the existing Government norms.

- **Important Dates**

Last date of application	01-01-2020
Intimation of selection	02-01-2020
Confirmation of participation	03-01-2020