



CET NEWSLETTER

COLLEGE OF ENGINEERING TRIVANDRUM

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From the Principal's Desk

The major challenge for today's engineering educational institutions is to accommodate the ever varying aspirations of the younger generation because of increasingly changing demand and development in industries. We have to constantly put in efforts to accommodate these aspirations by fine tuning the academics of college with innovative and practical oriented teaching - learning practices along with other developmental activities.



Dr. Jiji C V, Principal, CET

College Of Engineering Trivandrum stands like a mighty silver Oak in which youthful minds flourish and knowledge blooms to create a picturesque and promising dawn for tomorrow. Being on the brink of being 80 years young has seen this pioneer Institute move from strength to strength setting immaculate standards that are a source of envy and model to replicate for many. True to its characteristic sheltering nature, this Oak proved to be the hand that held many afloat as well as helped many ashore from the great floods that ravaged God's Own Country, this past year.

Our University results and placement speaks about our excellence with many of our students bringing laurel to the college by getting highest ranking in university exams and huge number of students are placed in national & multinational companies, moreover our students' creativity and determination is evident by their capacity to suit the needs of being socially responsible citizens. For a student as well as for a teacher being part of CET is not merely being a part of an institution but that of philosophy... *A way of life.*

VISION

*National Level Excellence
and International Visibility
in Every Facet of Engineer-
ing Research and Education*

MISSION

- *To facilitate quality trans-
formative education in Engi-
neering and Management.*
- *To foster innovations in
Technology and its applica-
tion for meeting global chal-
lenges.*
- *To pursue and disseminate
Quality Research.*
- *To equip, enrich and trans-
form students to be Respon-
sible Professionals for better
service to humanity.*

Snippets of the past year

National Institutional Ranking Framework (NIRF) rankings for 2019

CET has improved its NIRF ranking from the 75th to the 71st rank

Civil Service Exam rank holders

CET has once again made its presence felt in the ALL India UPSC examination. Three of our students bagged prestigious ranks.

- Jishnu J Raju (2009-13 Mech) - AIR 132
- Divya Chandran (2012-16 Civil) - AIR 397
- Swetha K Sugathan (2012-16 ECE) - AIR 461



HACKATHON CHAMPS!

CET emerged victorious in the 50 hour machine learning hackathon organised by College of Engineering Thalassery as part of their tech



fest the AI Fest 2.0. The champs bagged a prize money of 50,000 Rs and the priceless opportunity to meet and work with some of the best talents.

Besides...



CET 'golden batch' floats project to support juniors. This College of Engineering Trivandrum Alumni Association (CETAA) initiative by the batch of 1993, also known as the golden batch, has floated the C-of-Ennovation' project that aims to guide and enable enterprising students with suitable projects and financial assistance.



A heartbeat away...

Our students have developed a 'smartwatch' that can send emergency signals and location after sensing the pulse rate.

The device was developed by former students of department of electronics and communication at CET Srijan Dubey, Surya V S and Suthin S under the guidance of associate professor Sajith Vijayarghavan, as part of their final year project. It records the pulse rate of the person wearing it using a sensor. A person needs to click or send a message themselves in other similar devices to send a distress signal, while in this device it sends the signal on its own. When the pulse rate cross 85 per minute, it sends distress alarm to registered phone number in the app. It is also possible to link the app to emergency numbers

Bull's Eye

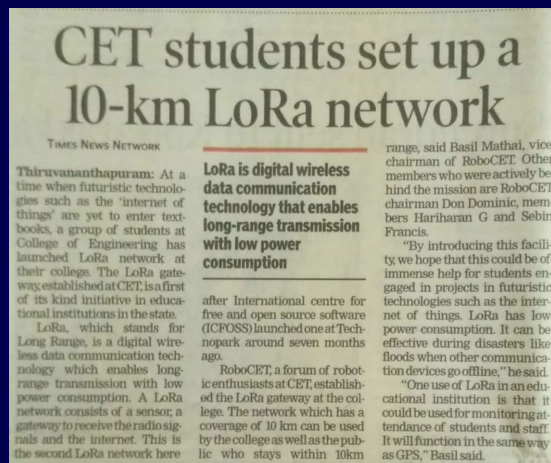
Sidhartha Babu (class of 2010) has bagged gold in the National Shooting Championship. He has done this feat by setting a new national record.

സിദ്ധർത്ഥ് ബാബുവിന് സ്വർണം

തിരുവനന്തപുരം വട്ടിയൂർക്കാവ് ഷൂട്ടിങ് രാജ്യത്ത് നടക്കുന്ന ദേശീയ ഷൂട്ടിങ് ചാമ്പ്യൻഷിപ്പിൽ കേരളത്തിന്റെ സിദ്ധർത്ഥ് ബാബു ദേശീയ റെക്കോഡോടെ സ്വർണം നേടി. ചാമ്പ്യൻഷിപ്പിൽ കേരളത്തിന്റെ ആദ്യ വ്യക്തിഗത സ്വർണമാണിത്. 50 മീറ്റർ പ്രോൺ ഹൈവിൽ മിക്സഡ് പാരാ വിഭാഗത്തിൽ തന്റെതന്നെ റെക്കോഡ് തിരുത്തിയാണ് (617.9) സിദ്ധർത്ഥ് ബാബു സ്വർണം നേടിയത്.



Long Range....
Big Achievement
"LoRa"



SAE INDIA CET conducted its first orientation program for the freshers on 10 April 2019. The sessions was addressed by Prof. A. Samson (HoD, ME) and facilitated by Prof. Jayaraj. The session also highlighted the various events planned for the coming year.





A RECORD FEAT!

The students of the engineering college successfully spearheaded an attempt to enter the India Book of Records for the largest cup percussion, aimed at promoting science among women.

February 11 is recognized as International Day of Women and Girls in Science. And our students knowing the significance of the day have chosen to observe it in a unique way this year. On Feb 11, 2019 the Greenfield Stadium in Karyavattom resonated with metallic beats of cup percussion performed by 2,500 people, if not more, all in a successful attempt to enter the India Book of Records.

Participants, used steel cups taken on rent, and spread out on the grounds to form the letters of the word 'women' during the four-minutes-six-seconds-long performance.

As a precursor to the event, students of CET had been taking a series of science-based "motivational seminars" for students from classes six to eight in a few schools in the city to highlight the importance of encouraging girls to shine in science.

ANGELS OF NSS



On World Happiness Day- 20th March, the NSS unit of CET visited the Karunyabhavan which houses 110 aged ladies and gentlemen. The students spent time with them and put up songs and dances for the inmates. These NSS angels of CET then distributed and served lunch to the inmates, spreading their share of happiness.



InnovExpo 2018



The Innovative Project Exposition for the undergraduate students was held on 11th April, 2018. The top seven projects were awarded 25,000 rs each by the various chapters of CETAA as well as other benefactors.

Annual Athletic Meet



The annual athletic meet was held on Oct 26, 2018. The PG stream along with the Mechanical Engineering department bagged the overall championship with 74 points.

CET boys cycle smart to promote green living

The mechanical engineering students of College of Engineering, Trivandrum (CET), are always looking for innovative ways to promote an eco-friendly lifestyle. The latest venture from their part involved a group of seven students cycling from Kozhikode to Thiruvananthapuram to promote its importance. The group also had a student, Muhammed who used a brain cycle for this feat. When the handle is turned left, the cycle turns right and vice versa.

Humanizing Work and Work Environment 2018



HWWE 2018 was conducted during 14th to 16th December 2018 at College of Engineering Trivandrum (CET). Department of Mechanical Engineering and School of Management of CET jointly organized the conference. The theme of the conference was "Technology Enabled Workplace Design".

Dr. Usha Titus, (Principal Secretary to Government, Higher education Department & Vice Chancellor of Technology Uni-

versity of Kerala) inaugurated the conference. Dr. Indira Devi, Director of Technical Education, Kerala presided over the inaugural function. Dr. D. Bijulal, Organizing Secretary HWWE 2018 briefed the details of conference. Dr. A.K. Ganguly, President of ISE and Prof. Neena Thomas, PG Dean, College of Engineering, Trivandrum delivered the felicitations. Dr. A.

Samson (Head, Department Mechanical Engineering) and Dr. Suresh Subramoniam (Director School of Management) delivered felicitations. Dr. Jiji.C.V, Principal of CET and Chairman of HWWE 2018 delivered the vote of thanks.



ICI CET CHAPTER

The ICI CET Chapter won the National Best Chapter for the academic year 2017-18. The award was presented during the ICI Annual Awards 2018 which was held at Bangalore on 22nd September 2018.



"VIMUKKTHI"

The NSS-CET unit along with the Kerala Excise Department and the Department of Physical Education conducted a cycle rally as a part of the awareness drive against drug abuse

#SayNoToDrugs



THE INSPIRATIONAL CLOSE

Once, in Heaven there was a discussion among the Gods to decide where the miraculous secret power, the power by which man can achieve anything in this world was to be kept hidden.

One of the Gods suggested that it could be kept hidden in the depths of the Sea. Another said it could be buried on top of high mountains. The third one thought of a cave in the woods as the right place.

At last, the most intelligent among them said, 'Keep it in the depths of man's mind. He will never suspect that the power is hidden there because right from his childhood, his mind is prone to wandering and he will not look within. Only the intelligent among them will look within, and use the power and become great.' All gods agreed. So, do you see that the difference between two people lies in their minds? One knows how to tap its power and the other does not. So, the truth expressed here is that in the depths of man's mind lies hidden the miraculous power, using which one can become great.

Whatever you think, that you will be. If you think yourselves weak, weak you will be; if you think yourselves strong, strong you will be.

-Swami Vivekananda