

College of Engineering, Trivandrum

82 years of delivering quality education in
Engineering



1939

Established

as the first engineering college in the state



1960

Shifted to the present campus

new campus of sprawling 125 acres



2019

Celebrated 80 years

80th anniversary of nurturing young engineering minds



College of Engineering, Trivandrum

Founded in 1939 under the reign of the Travancore King, Sri Chithira Thirunal Balarama Varma, College of Engineering, Trivandrum is the first engineering college in Kerala.

Ranked at **85** among **engineering colleges in India by NIRF** in 2020, CET always ranks within the top 100 engineering colleges of India every year.

8

undergraduate
programmes

27

postgraduate &
doctoral programmes

4500

students studying

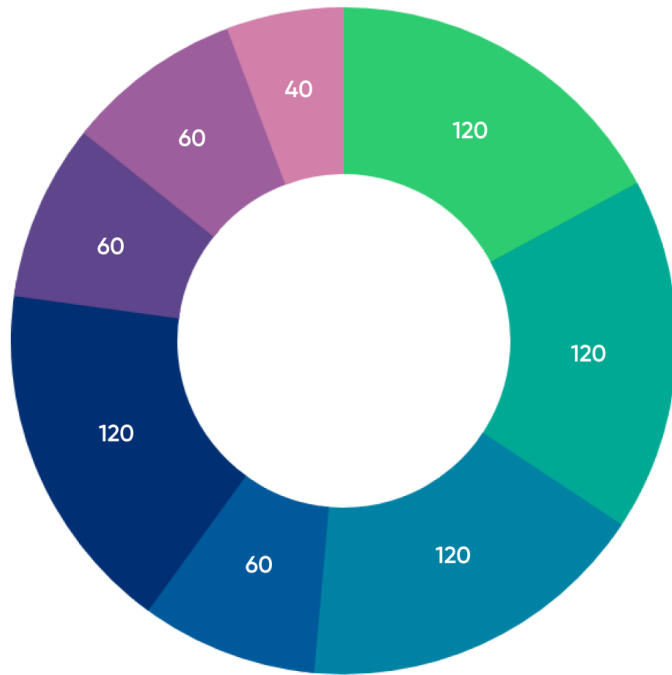
311+

teaching
professionals

290+

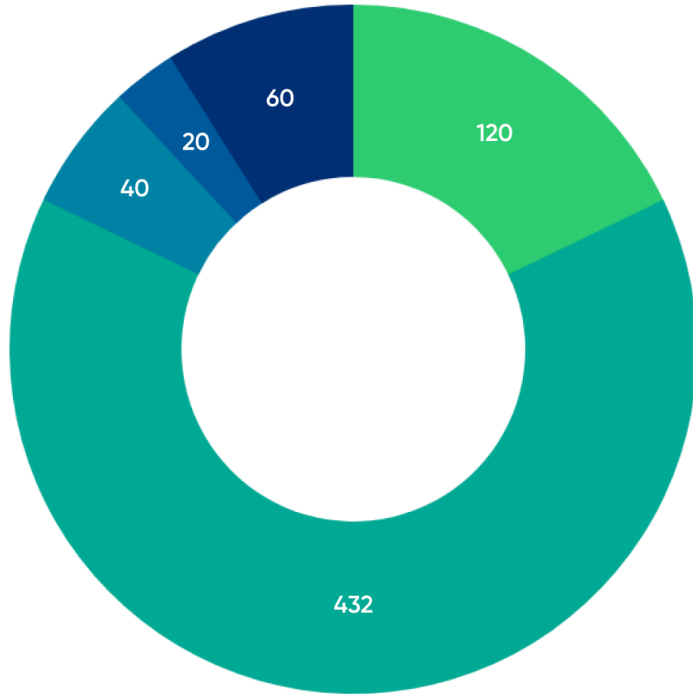
non-teaching
staff

Strength of UG Students



- Electronics and Communication
- Electrical and Electronics
- Civil
- Industrial
- Mechanical
- Computer Science
- Applied Electronics
- Architecture

Strength of PG Students



- MBA
- M. Tech
- M. Arch
- M. Plan
- MCA

Major Recruiters

amazon



intuit.



ORACLE

amadeus

SIEMENS



ABB



Cognizant



Infosys®
Navigate your next

Highest Packages over the years

2020

Intuit – **21 LPA** – Nandu Krishnan MG, Mathew George

Avalara – **15 LPA** – Harisankar R

2019

Arcesium – **32 LPA** – Aarya R Shankar, Anand S

Amazon – **29 LPA** – Amrith M, Rohit P Nair

2018

Adobe – **39 LPA** – Arshaly Jose, Aksa Elizabeth Sunny

Amazon – **23 LPA** – Sooraj B Uday



Arcesium®






General Placement Statistics

Total number of offers offered every year.

2020	840
2019	715
2018	606
2017	1020
2016	591
2015	604
2014	588


2013	465
2012	854
2011	1137
2010	627
2009	473
2008	824
2007	892





M. Tech courses offered

CET offers a wide variety of M. Tech courses like:

- Structural Engineering
 - Traffic and Transport Engineering
 - Hydraulics Engineering
 - Geotechnical Engineering
 - Propulsion Engineering
 - Thermal Science
 - Manufacturing and Automation
 - Information Security
 - Artificial Intelligence
- 

Our Research Labs

Department of Electronics and communication

- Power Electronics Research Lab (PERL)
- MEMS & Nano Electronics Lab
- Computer Vision Lab
- Microwave Lab

Department of Electrical Engineering

- Machines and Drives
- Power Systems
- Control Systems
- Electric Vehicle Technology



Our Research Labs

Department of Mechanical Engineering

- Advanced Tribology Research Centre
- Fluid Dynamic Lab
- Gas Dynamic Lab
- Advanced Thermo Fluid Research Lab
- Interferometry Lab
- Metrology & Metallurgy Lab
- Micro nano Fluidics Research Lab
- Advanced Dynamics and Control Lab



Hackathons

- NASA Space Apps Regionals 2017, 2018 and 2019
- Reboot Kerala | Healthcare Category 2019 – Third
- CS ISQIP (May 2019) – First and Third
- AI Fest 2.0 Hackathon School of AI 2019 – Winner
- T’HackM October 2019
- HASH Hackathon 2018 – First and Second
- Shaastra 18
- Women’s Safety XPRIZE Competition 2017 Finalist – Sango



Hackathons - Gallery



last year, a difference of 192.72 per cent. So far, the Water Resources De-

vis, the plan is KWA will fall back on the Sreyas River as it did last year.

ises of IT companies functioning at Technopark Phase 3 here, the pack authors

not have permission to enter the premises of the IT companies. "These companies did not

"Technopark conducts regular audits at each foot court and the records are with the admin-

side measures to avoid such incidents on the Technopark campus in the future."

CET STUDENTS WIN TOP PRIZE AT HACK# HACKATHON

#Spirit of competition

Hackathon was aimed at solving issues faced by the health and social welfare sector.

Seventeen teams from across the state attended the non-stop 24-hour hackathon.

Hack# Hackathon is supported by the Kerala Startup Mission, Curio Logistics, The Sports Hub, Genlink and Cardstack.

EXPRESS NEWS SERVICE @17pm

FINDING a smart solution to the city's waste management problem won the students of College of Engineering, Trivandrum (CET) the first prize at Hack# Hackathon 2020. It was headed by the computer science department of Mar Basilians College of Engineering & Technology at the Ithub campus, Mar Ivanios Vidyasaagar here. Seventeen teams from across the state attended the non-stop 24-hour hackathon aimed at solving issues faced by the health and social welfare sector. The winning team of G Hari-

haran and Basil Mathai developed smart trash bins fitted with sensors that can track, monitor and analyse stakeholders on various parameters, including temperature and moisture levels, indicating how these bins fill up or empty and thus help keep the city clean. The data of the waste accumulating in each smart bin will help identify problem areas to aid the city management plan more effectively and thereby regulate the system. The winning duo received a cash prize of 25,000. The runner-up team - Gopal M, Divya Menon, Swathy Mohan, Albin Antony and Abhishek Nam-

biar - was also from CET. Project Ma was their answer as a "must-have companion" for all pregnant women. The team felt that pregnant women need a friendly guide in the form of a web app to advise them on the dos and don'ts, tips, medicine and check-up reminders, discussion forums, doctor guidance, etc., so that they feel comfortable during this trying period. They received a cash prize of Rs 10,000. A team from Sree Chitra Tharuvu College of Engineering, Thiruvananthapuram, received the consolation prize. Chief guests, Epic Knowledge Society founder Gobal Alex and Infosys project manager Renjith Ranganathan, gave away the prizes.

It was a great experience for the computer science students of the college to see colleagues pitching new concepts and developing them into applications. Such hackathon events are opportunities and experiences for helping us look at things from a different perspective, especially on socially relevant issues. Hack# Hackathon is supported by the Kerala Startup Mission, Curio Logistics, The Sports Hub, Genlink and Cardstack. The New Indian Express is the media partner.



Detecting wildfire will now be easy

A group of engineers from CET have developed 'Spot-That-Fire' app to spot wildfire and prevent its spread




Nandu Krishnan M G, Amrith M, Muhammad Bilal A and Albin Antony





Research & Patents

- Every year, over **20** student papers from the undergraduate degree are published in various platforms such as IEEE conferences, journals, ACM and Springer.
 - Over **100** research papers of distinguished faculties of various departments of CET are also published.
 - Thesis and research papers of over **400** students pursuing post graduation at CET, from various streams such as M. Tech, MBA and MCA are also published every year.
 - A dedicated **IPR Cell (Intellectual Property Rights Cell)** was established in 2010 to guide students of CET in patent applications and submissions every year, during project/thesis evaluation.
- 

Scholarships & Awards

- 6 students have been selected as **Student Scholars** for **Grace Hopper Celebration India (GHCI)** Conference 2020
- 2 students, selected as **Student Scholars** had attended GHCI '19 at Bangalore
- In 2019, Alan Anto from CS was awarded the **Richard E. Merwin scholarship** for **exemplary leadership** by IEEE Computer Society
- In 2017, Amrith M was awarded the **Richard E. Merwin scholarship**
- Megha Ben was awarded the scholarship **twice** in a row in the years 2016 and 2017



Major Clubs of CET





Thank you.

Career Guidance and Placement Cell (CGPU), CET

Dr. K. Sunil Kumar

Phone: 9946844277

Email: placement@cet.ac.in