

COLLEGE CODE

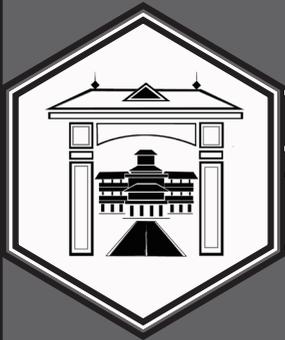
CEC



ESTD.2004
www.cecti.ac.in

**COLLEGE OF
ENGINEERING
CHERTHALA**

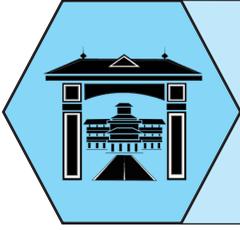
ESTABLISHED BY GOVERNMENT OF KERALA
MANAGED BY INSTITUTE OF HUMAN RESOURCE DEVELOPMENT



INFORMATION BROCHURE



NATIONAL BOARD
OF ACCREDITATION



ABOUT THE COLLEGE

College of Engineering Cherthala is one among the leading technical institutions in Kerala since its inception in 2004. Within a short span of time, CEC has become successful in establishing itself as a premier professional educational institution by proving its excellence in the field of Science and Technology. The College is affiliated to the APJ Abdul Kalam Technological University (APJAKTU) and approved by the All India Council for Technical Education (AICTE). It is one among the engineering colleges in Kerala selected by Govt. of India for the Technical Education Quality Improvement Programme (TEQIP)II. B.Tech Computer Science & Engineering is accredited by the National Board of Accreditation.



PRINCIPAL'S NOTE



College of Engineering Cherthala has taken significant steps to train, motivate and transform young students to become competent and committed engineers capable of providing solutions to global challenges through appropriate use of technology. We envision excellence in technical education with a focus on quality and innovation. It gives me great pleasure to welcome the new aspirants to the campus.

-Dr. Vinu Thomas

MISSION

Provide state of the art educational and research facilities to enable holistic development of students and society

VISION

Contribute profusely to society through excellence in technical education, sustainable innovation, and quality research



UG PROGRAMMES

B.Tech Computer Science & Engineering

B.Tech Electronics and Communication Engineering

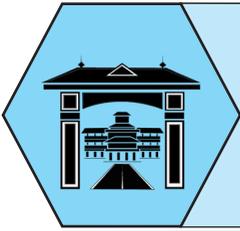
B.Tech Electrical and Electronics Engineering



PG PROGRAMMES

M.Tech Computer & Information Science

Master of Computer Applications(MCA)



CONTACTS

Principal

Dr. Vinu Thomas

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Academic in-charge

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Office Superintendent

Smt. Asha Madhavan

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“ My four years at CEC helped me in getting a solid start in my career as an electronics engineer. We had competent and hardworking faculty and excellent infrastructural facilities which helped me and my friends in getting a thorough basic knowledge that took me to where I am today.

Liza Maria(B.Tech ECE 2009-2013 batch)
Engineer at Apple Inc. USA (formerly with Motorola Solutions)

”



HEADS OF DEPARTMENTS

Computer Science & Engineering

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Dr. Ashok Kumar T

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Electrical & Electronics Engineering

Prof. Elizwa Laiju

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Applied Science

Prof. Sarakutty K J

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FIRST YEAR FACULTY ADVISORS

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PG : Prof. Janu R Panicker

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Electrical & Electronics Engineering

Prof. Suja N Thomas

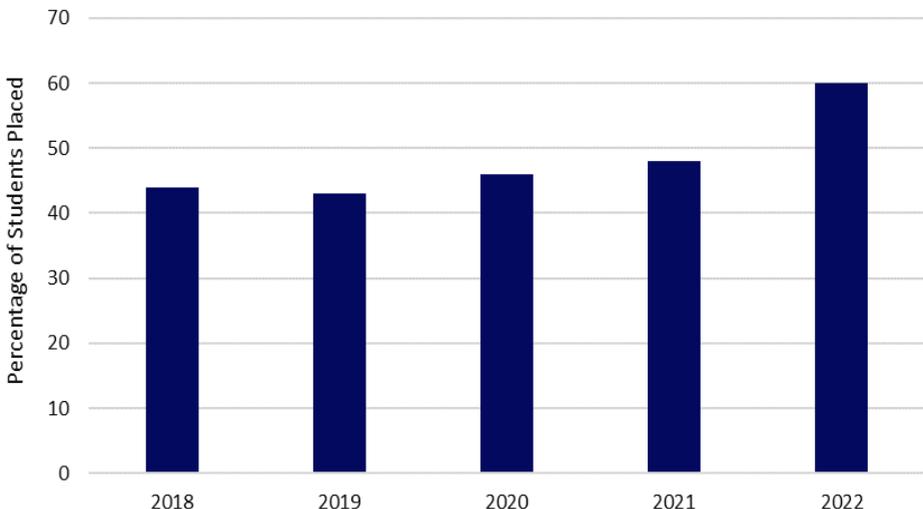
+91 9495558597



TRAINING AND PLACEMENT CELL

The Training and Placement cell is a professional body of the institute coordinated by the student representatives under the able guidance of the Principal and the Training and Placement Officer. The main aim is to provide a platform for the technical and soft skill development of the students in order to improve their employability. The cell acts as a facilitator to provide placement to the students of the institute in leading organizations.

PLACEMENT STATISTICS





MESSAGE FROM THE TPO



Training and Placement Cell aims to equip the students with the necessary skillset by giving training in emerging areas and also helps the students to kick start their career by providing ample placement opportunities. Our excellent placement record is a fine testament to the corporate outreach that we could establish over the years. The quality of our students and their active involvement in various technical and cultural events are remarkable. College of Engineering Chertala is keen in identifying the right talents, promoting novel ideas and encouraging Startups.

Dr. Joe Francis T

Training and Placement Officer

HIGHEST OFFERS

2022 MITSOGO
6.26 lakhs per annum

2021 RAZORPAY
16 lakhs per annum

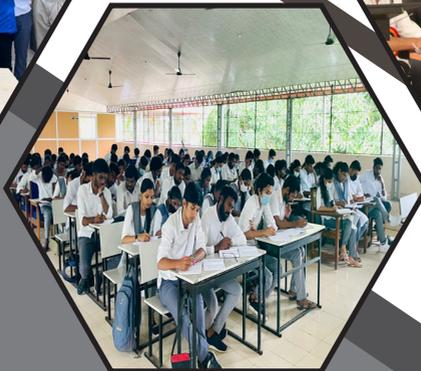
2020 MITSOGO
4.6 lakhs per annum

2019 TRUECALLER
5 lakhs per annum

2018 ARCAD WORLD TECHNOLOGIES, DUBAI
5 lakhs per annum

TPC Offers Training in:

- » Quantitative Aptitude
- » Logical Reasoning
- » Technical Aptitude
- » Interview Training
- » Resume Preparation
- » Full-Stack Development
- » Embedded Systems & IoT





MAJOR RECRUITERS



TATA
CONSULTANCY
SERVICES



BYJU'S



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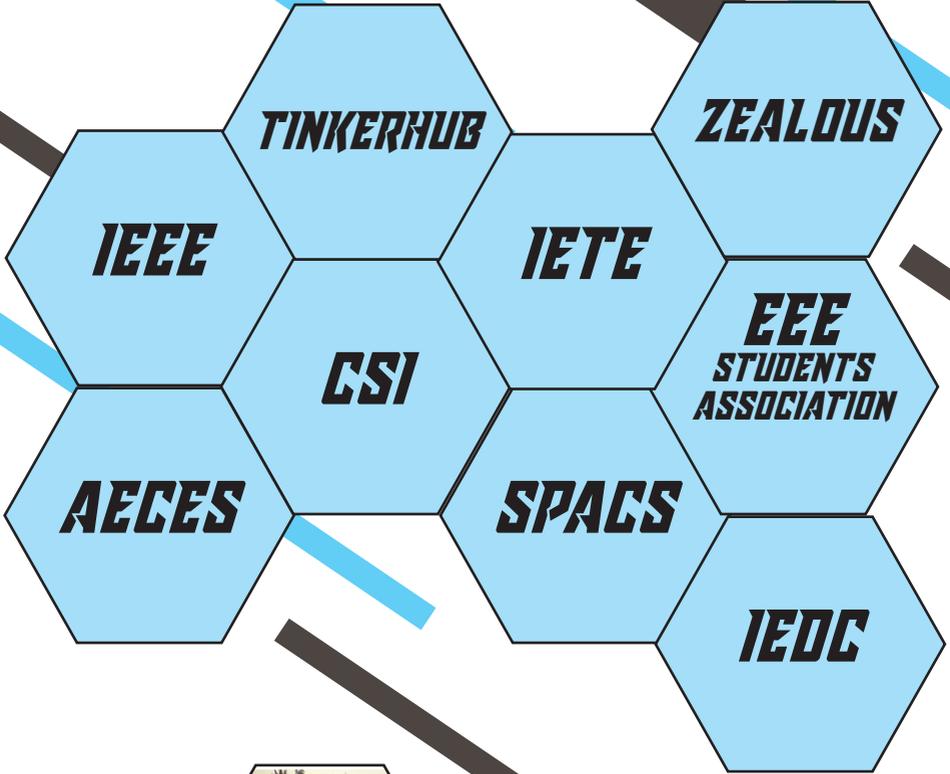


TATA ELXSI LIMITED





ASSOCIATIONS





CLUBS

NSS

**ARTS
CLUB**

**SPORTS
CLUB**

**ANTI
NARCOTIC
CLUB**

**BHOOMITHRA
SENA CLUB**

**ALUMNI
ASSOCIATION**

**PHOTOGRAPHY
CLUB**





PROJ

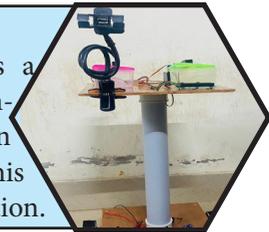
SMART SOLAR PANEL CLEANING ROBOT

This project is all about the design and construction of the prototype of a Solar Panel Cleaning Robot equipped with many advanced sensors, panel cleaning tools which has different modes of operations. The prototype is a remote controlled device capable of long-distance control.



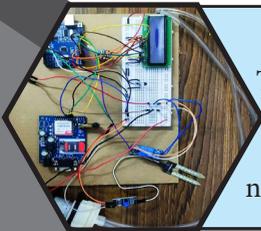
SMART VIRTUAL DOCTOR ROBOT

Smart Virtual Doctor Robot using Internet of Things (IoT), is a user friendly health robotic machine with an interactive user interface for medical necessities. The virtual health system can monitor the health status of the patient and update the app. This helps the doctor to check the patient without physical interaction.



AUTOMATIC IRRIGATION SYSTEM

This project is based on the Arduino board, which has an ATmega328 microcontroller at its heart. It is programmed to detect the moisture level of the soil, the surrounding temperature and supply water if necessary.



CONTINUOUS PATIENT HEALTH MONITORING SYSTEM

The project was developed with the primary goal to develop a reliable patient monitoring system so that the healthcare professionals can monitor their patients, who are either hospitalized or at home using integrated healthcare system.



PROJECTS



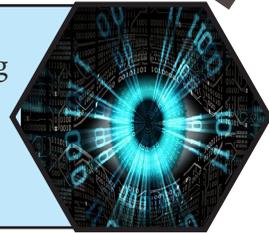
MIMICS
— Sign Language Is
in Your Hands —

SIGN LANGUAGE REPRESENTATION FOR DEAF PEOPLE

Sign language is the primary means of communication for the deaf and dumb. The application enables deaf people to become more connected to modern technologies by utilising speech-to-video translation.

GOD'S EYE

The proposed Face Recognition Model will find a match for a missing person in the database. If a match is found, it will be notified to the police and the guardian of the person. This will have immense applications in Forensics.



BUS TRACKING SYSTEM

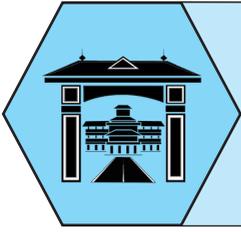
Bus Tracking System (BTS) is a web application for determining the location of a vehicle using different methods such as GPS and other radio navigation systems operating through satellites and ground based stations. This enables easy and accurate calculation of the location of the vehicle.



“ College of Engineering Cherthala is a place of learning, fun, art & culture. Being a student at CEC will always be an incredible milestone in my life. Thanks to the faculties of CEC, I fell in love with programming during my initial days of college. despite coming from a Biology background. CEC also pushed me to explore beyond the academic curriculum. The campus environment was ideal for launching startups too, IEDC cell helped us create our startup Pixenova. The final year project, I did in college played a vital role in getting me a job at Razorpay.

Aromal Anil(B.Tech CSE 2017-2021 batch)

Frontend Engineer, Razorpay”



AMENITIES

- » Boys Hostel
- » Girls Hostel
- » Transportation
- » Canteen



BETWEEN GARDENS
GIRLS HOSTEL
COLLEGE OF ENGINEERING, CHITRAL
HOSPITALS OF PAF





TESTIMONIALS

“My journey towards a Computer Scientist started at CEC. I learned fundamentals in computer science and engineering and acquired functional, analytical, technical and communication-al skills during my undergraduate. Four years in CEC has been a meaningful part of my life, and it made me what I am today.

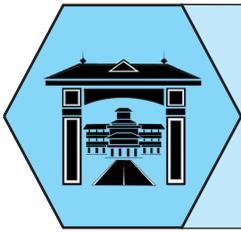
Dr. Ditty Mathew(Ph.D. from IIT Madras, B.Tech CSE 2006-2010 batch)
Associate Principal Research Scientist Knowledge AI Lab, Accenture”

“CEC has given me the most thrilling journey of my life. It has been an institute which has helped me nurture my skills as an engineer and grow leaps and bounds and also gave me the support and confidence to grow both personally and professionally. The faculty have been a great support with their tireless efforts in my upbringing as an engineer. They have supported me not only in academics but also in extra-curricular activities.

Ajay P Victor (B.Tech CSE 2014-2018 batch)
Systems Software Engineer, IBM Systems Lab”

“My four years at CEC were nothing short of great, the college helped me build a solid foundation as an engineer, learner and problem solver. During this period I got to meet different kinds (3 of them are Co-founders at my current startup) of people and learned many things. I am thankful to all the faculties, mentors and entire CEC as well as the student communities like IEEE and TPC. Overall it was a great experience and memories worth cherishing throughout life.

Athil Gafoor(B.Tech EEE 2014-2018 batch)
Head of Blockchain and Engineering, Phaethon Technologies Pvt. Ltd”



ACADEMIC CALENDAR

August 2022 - July 2023

Sl. No.	Event	Date and Duration
ACADEMIC ACTIVITIES		
ODD SEMESTER		
1.	Commencement of classes-S1, S3, S5 and S7	2 nd week-September 2022
2.	Induction program for S1 BTech	3 rd week-September 2022
3.	Onam vacation	September 3-11, 2022
4.	1 st Internal Exam for all semesters-to be completed	Last week-October 2022
5.	2 nd Internal Exam for all semesters-to be completed	1 st week-December 2022
6.	End of Semester	2 nd week-December 2022
7.	X'mas Vacation	December 24, 2022-January 1, 2023
8.	University Examinations	3 rd week, December 2022 to 2 nd week, January 2023
EVEN SEMESTER		
9.	Commencement of classes-S2, S4, S6 and S8	3 RD WEEK-January 2023
10.	1st Internal Exam for all semesters-to be completed	Last week-February 2023
11.	2nd Internal Exam for all semesters-to be completed	3 rd week- April 2023
12.	End of Semester	4 th week-April 2023
13.	University Examination	1 st week, May 2023 to 3 rd week, May 2023.
MEETINGS		
ODD SEMESTER		
14.	1 st Class committee meeting- to be completed	4 th week-September 2022
15.	2 nd Class committee meeting- to be completed	1 st week-November 2022
16.	3 rd Class committee meeting- to be completed	1 st week-December 2022
17.	Class PTA Meeting	Between 1 st and 3 rd week of November 2022
18.	Mentor's/ Advisor's meet with students	Between 1 st and 3 rd week of October 2022
EVEN SEMESTER		
19.	1 st Class committee meeting- to be completed	1 st week-February 2023
20.	2 nd Class committee meeting- to be completed	1 st week- March 2023
21.	3 rd Class committee meeting- to be completed	2 nd week- April 2023
22.	Class PTA Meeting	Between 1 st and 3 rd week of March 2023
23.	Mentor's/ Advisor's meet with students	Between 3 rd and 4 th week of February 2023
24.	Special Remedial and Bridge Classes for all semesters	On all Saturdays (as and when required)



ACADEMIC CALENDAR

Sl. No.	Event	Date and Duration
CO-CURRICULAR AND EXTRA CURRICULAR PROGRAMS		
1.	Independence Celebration	15 th August 2022
2.	Engineer's day Celebration	15 th September 2022
3.	NSS day celebration	24 th September 2022
4.	Sports Meet	Last week- September 2022
5.	IEEE Education week	October 4 th to 8 th 2022
6.	Annual General body meeting of PTA	1 st Saturday of December 2022
7.	1 day Industrial Visit for first years	1 st week-December 2022
8.	Industrial Visit (5 days)	To be conducted in 5 th Semester, in every year.
9.	Republic day Celebration	26 th January 2023
10.	National Science Day Celebration	28 th February 2023
11.	Women's day Celebration	8 th March 2023
12.	Arts Festival	3 rd week- March 2023
13.	Tech Fest	4 th week of March- 2023
14.	Expert Talk/ Seminar/ Personality and Soft skill Development programs	Last Saturday of every month



COLLEGE OF ENGINEERING CHERTHALA

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