COLLEGE OF
ENGINEERING ADOOR

COLLEGE OF ENGINEERING ADOOR

PLACEMENT BROCHURE

Career Guidance & Placement Unit

www.cea.ac.in

OUR VISION

"Develop into a premier institution, creating socially committed and globally competent engineering professionals."

OUR MISSION

To provide quality education and foster research and development in the field of engineering.
To encourage innovation and entrepreneurship for the betterment of society.
To develop professional and leadership skills and encourage lifelong learning.

COLLEGE OF
ENGINEERING ADOOR

INDEX

About CEA	4
Placements & Internships	5
Achievements & Highlights	7
Courses	8
Clubs & Activities	16



Contact us:

Dr. Nisha Kuruvilla
Principal

E-mail : principal@cea.ac.in
Phn: 85470 05100

Dr. Manu M. John
Training & Placement Officer
cgpu@cea.ac.in
Mobile: 9496367025

College of Engineering Adoor
Manakala PO, Adoor, Pathanamthitta, Kerala
Pin: 691551

Foreword



Government College of Engineering ,Adoor stands among the premier institutions in the state, offering students a strong foundation in the rapidly advancing field of engineering. The college consistently provides its learners with essential resources that help shape competent engineers enriched with hands-on experience. A regularly updated curriculum, supported by the dedicated efforts of the faculty, creates a dynamic environment for learning and discovery.The enthusiastic participation of students in various technical and socially significant initiatives reflects their commitment to creating meaningful change in society. Throughout their vibrant campus life, students cultivate the critical skills and resilience needed to face and rise above the challenges of the future.

Dr. Nisha Kuruvilla
Principal



With a strong commitment to nurturing both technical proficiency and managerial capability, Government College of Engineering Adoor continues to make remarkable strides in science and technology. The institution encourages students to challenge limitations, develop confidence, and unlock their potential. Through this supportive ecosystem, learners evolve into skilled, industry-ready engineers equipped to meet the demands of the modern world. The achievements of alumni reflect the values instilled on campus. Each graduating batch strengthens this legacy through a holistic engineering education that extends beyond the classroom. CEA was ranked in the 10 band for Engineering Colleges by KIRF 2023-24.

Dr. Manu M. John
Training & Placement Officer

COLLEGE OF
ENGINEERING ADOOR

About CEA

The College of Engineering, Adoor, was set up in October 1995 by the Institute of Human Resource Development (IHRD), a Government of Kerala undertaking. Admissions are carried out on the basis of the ranks obtained in the All Kerala Common Entrance Examinations, conducted by the Controller of Entrance Examinations, Government of Kerala. CEA is a center of academic excellence that provides undergraduate studies to about 1000 students in four disciplines. It imparts technical education and training in the fields of Computer Science Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering. The college is affiliated to APJ Abdul Kalam Technological University (KTU) known internationally for its academic excellence. CEA is recognized by the All India Council for Technical Education, New Delhi.Since the very first year of inception, CEA has achieved many a milestone both in academic and co-curricular pursuits. It has always provided an able platform for the students to turn into excellent engineers paving the path for a successful career.



PLACEMENTS

Government College of Engineering adoor features a uniquely student-driven Placement Cell that is dedicated to securing excellent placement opportunities for its students. The cell has effectively coordinated both on-campus and virtual recruitment drives, fostering strong and consistent relationships with a wide range of industry leaders. Complementing this effort, the Training Cell plays a crucial role by conducting skill-building programs that equip students with the competence and confidence required to excel in the corporate world.



COLLEGE OF
ENGINEERING ADOOR

INTERNSHIPS

Recognizing the immense value of internships, the Placement Cell actively prioritizes and promotes a strong internship culture among students. CEA students eagerly pursue summer internship opportunities that help them develop into well-rounded engineers familiar with corporate work practices.
The students of CEA are trailblazers in their respective fields, consistently striving to make a meaningful impact at every stage of their academic and professional journey. Their talent and commitment are evident in the way they have executed industry-level projects with remarkable skill, creativity, and dedication.

CEA CULTURE

To further strengthen this culture of hands-on learning, the Placement Cell introduced Work in CEA, an initiative designed to bring outsourced projects from various companies directly to the campus. This platform enables students to engage with real-world challenges, refine their technical capabilities, and gain invaluable exposure to professional work environments. Through this initiative, students are empowered to push their boundaries and elevate their competencies to industry standards.

ACHIEVEMENTS

2 Teams
Team Astra, Team Agneya





SAEINDIA
Society of Automotive Engineers INDIA

The BAJA SAE Series®
is an event for the undergraduate engineering students, organized globally by the Society of Automotive Engineers, USA.

Motor Sports @ CEA

SAE BAJA 2022





Distinguished Alumni

Recipients of the prestigious Commonwealth Scholarships

Commonwealth Scholarships are given to talented individuals with the potential to make a positive impact on the global stage.



Mr. Soorya Narayan
(2020 ME batch)



Mr. Naveen Krishna
(2020 ME batch)



Mr. Sreeram Valsalakumar,
(2016 EEE batch)



Mr. Rishikesh Sreehari
(2016 ME batch)

COLLEGE OF
ENGINEERING ADOOR

B TECH COURSES

B TECH PROGRAMS

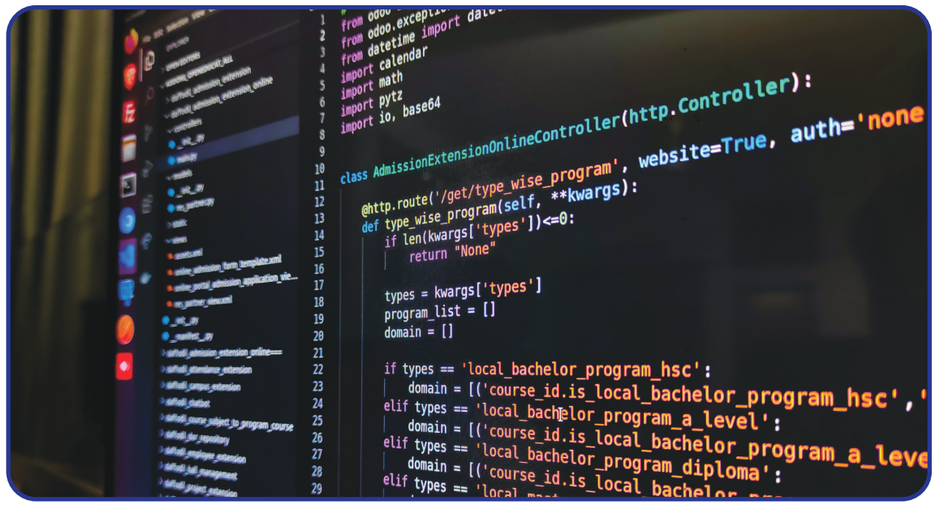
- Computer Science And Engineering - 120 seats
- Computer Science And Engineering (Data Science) - 60 seats
- Electrical And Electronics Engineering - 60 seats
- Electronics And Communication Engineering - 60 seats
- Mecahnical Engineering - 60 seats

HIGHLIGHTS

- Well equipped, modern and upgraded laboratories
- Qualified and experienced faculty.
- Built-up area of 145000 sq.ft.
- Well placed Alumni and active PTA.
- Was part of the TEQIP (Phase – II) – a world bank funded project (one among 19 institutions from Kerala)
- Active student professional and voluntary organization (IEEE, SAE, NSS etc.)
- Opportunities for social and community service through student organizations.

Computer Science & Engineering

Computer Science Concepts: Computer Organisation and Architecture, Data Structures, Algorithm Analysis and Design, Object Orient ed Programming, Operating Systems, Database Management Systems, Compiler Design, System Software, Management of Software Systems, Computer Networks, Graph Theory, Artificial Intelligence, Computer Graphics and Image Processing.
Programming Languages: C, C++, Java, Python, SQL.
Program Electives: Machine Learning, Data Analytics, Natural Language Processing, Cryptography, Cloud Computing, Blockchain Technologies.
Electronics: Logic System Design, Digital Electronics, Microprocessors and Microcontrollers, IoT and Applications, Electronic Hardware for Engineers.



COLLEGE OF
ENGINEERING ADOOR

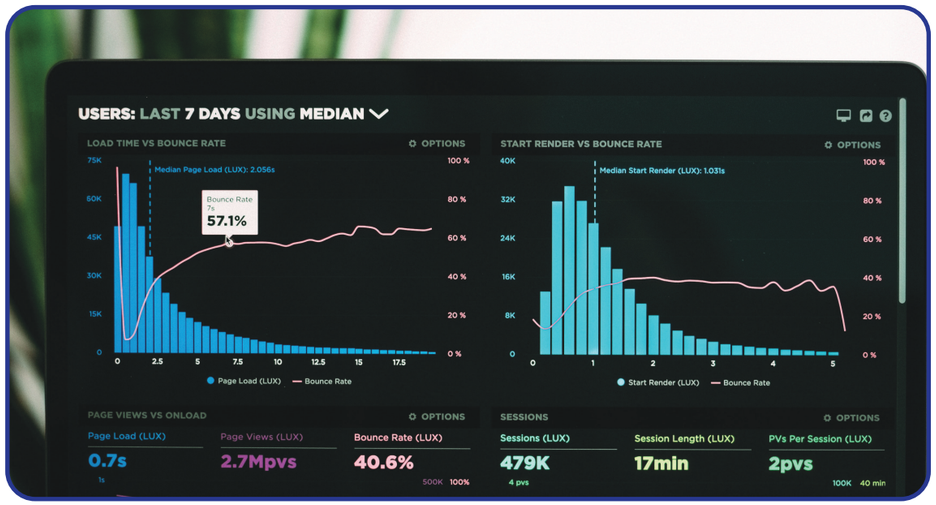
Others: Professional Communication, Professional Ethics, Industrial Economics and Foreign Trade, Disaster Management, Sustainable Engineering.
Labs: Data Structures, Object Oriented Programming, Operating Systems, Database Management Systems, Compiler Design, System Software and Microprocessors, Network Programming, Digital Circuits.

Computer Science & Engineering (Data Science)

CS Data Science : Data structure and algorithms, Management of system softwares, Computer Organisation and Architecture, Database management system, Computer networks, Artificial intelligence, Machine learning, Data analytics, logic system design, Algorithm analysis

Labs: Python
Data structure ,Database management systems, Operating systems , R programming

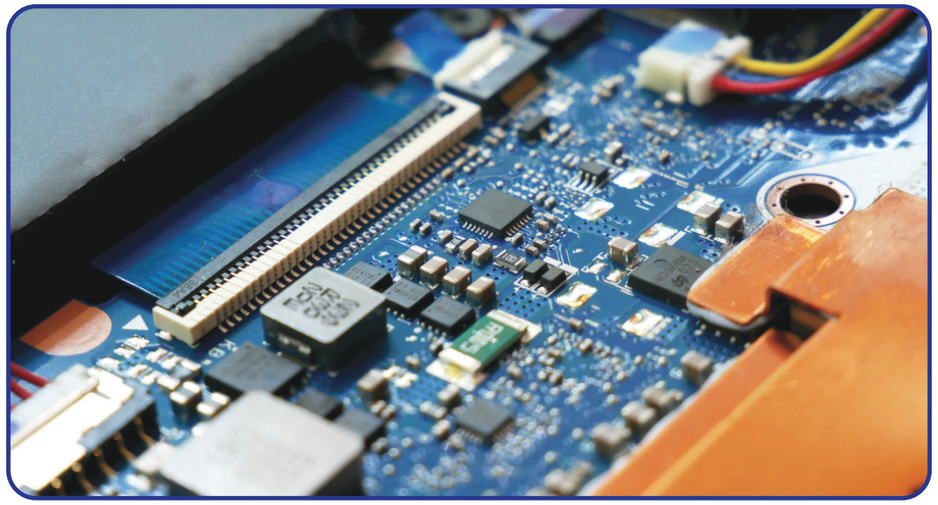
Languages: C, Java, python, R



COLLEGE OF
ENGINEERING ADOOR

Electronics & Communication Engineering

Electronics and Communication: Linear Integrated Circuits, Digital System Design, Analog and Digital Communication, Wireless Communication, Antenna and Wave Propagation, Digital Signal Processing, and Digital Image Processing. Embedded Systems & Hardware Design: Embedded Systems, VLSI, Electronics Hardware, Control Systems, Microprocessors and Microcontrollers, and RTOS. Computer Science: C Programming, Machine Learning, Computer Architecture, Information Theory and Coding, and Computer Communication. Labs: Logic Circuit Design, Analog Integrated Circuits, Digital Signal Processing, Communication, Microcontroller, and Optical and Microwave Communication Systems.



COLLEGE OF
ENGINEERING ADOOR

Mechanical Engineering

Mechanical: Solid and Fluid Dynamics, Metallurgy and Material Science, Fluid Machinery, Industrial and Systems Engineering, Thermal Engineering, Design of Machine Elements, and Mechatronics. Electrical: Hybrid and Electric Vehicles. Computer Science: Computer Aided and Machine Drawing, Computer Aided Design and Analysis, Robotics and Automation, and Optimization Techniques. Labs: Machine Tools, Thermal Engineering, Material Testing, Fluid Mechanics and Hydraulic Machines, CAD/CAM, Heat and Mass Transfer, Measurements and Metrology.



Electrical & Electronics Engineering

Electrical: Circuits and Networks, Control Systems, Electrical Machines and Instrumentation, Electrical System Design, Power Electronics, Power Systems, Electromagnetic Theory, and Electric Vehicles. Electronics: Analog Electronic Circuits, Digital Electronics and Logic Design, Microprocessor and Embedded Systems, and Signals and Systems. Computer Science: Operating Systems, Soft Computing, Machine Learning, Computer Networks, Compilers and Assemblers. Labs: Circuits and Measurements, Electrical Machines, Digital Circuits and Embedded Systems, Power Electronics and Drives, Electronic Circuits, Systems and Controls, and Power Systems.



COLLEGE OF
ENGINEERING ADOOR

Clubs & Activities

IEEE

IEEE CEA is the college chapter of the world?s largest professional organisation, dedicated to advancing students? knowledge in Electrical, Electronics and related disciplines through technical talks, skill-development workshops, and educational programmes.

National Service Scheme (NSS) is a voluntary association of young minds with a vision to inculcate civic sense and foster a spirit of social obligation among students. Volunteers serve the community through activities such as blood-donation camps and beach clean-up campaigns, helping develop responsible social leaders of the future.

Clubs & Activities

Innovation and Entrepreneurship Development Cell (IEDC) is a student-run organisation under the aegis of the Kerala Startup Mission that aims to promote an entrepreneurial culture among its members. The association provides an ideal environment for students to transform their innovative ideas into reality.

American Society of Mechanical Engineers (ASME) is a multidisciplinary engineering society supervised by the Centre for Energy Management Studies under the Mechanical Engineering department. The association is renowned globally for organising professional development programmes and technical symposiums to equip students to face current social challenges.

COLLEGE OF
ENGINEERING ADOOR

Well equipped lab & Modern facilities



Clubs & Activities

PULSE

PULSE - Electronics & Communication Engineering

PULSE (Powerful and United Legion of Students of Electronics), also described as Platform for Unified Learning, Skills, and Engagement, is the technical and creative forum of the Electronics and Communication Engineering (ECE) Department. It provides a common platform for students to strengthen technical knowledge, develop practical skills, explore emerging technologies, and foster innovation. Through workshops, seminars, hands-on training, project development, technical competitions, and peer learning, PULSE bridges theoretical learning with practical application. Its focus areas include embedded systems, the Internet of Things (IoT), robotics, wireless communication, signal processing, and other emerging technologies. The forum also promotes teamwork, leadership, communication, problem-solving, research, and professional development through interaction with faculty, industry professionals, and fellow students.

COLLEGE OF
ENGINEERING ADOOR

TRACE

TRACE - Computer Science Association

TRACE is the Computer Science Association of the College of Engineering Adoor. It encourages students to explore technology beyond the classroom, develop practical skills, collaborate on ideas, and gain experience through technical and non-technical activities.

Activities Conducted by TRACE

Activities include: technical workshops on programming, AI, web development, cybersecurity, and hardware technologies; hackathons, coding events, and problem-solving challenges; hardware exhibitions showcasing computer components and electronic devices; project development and innovative solutions; technical talks by industry professionals, alumni, and experts; and community outreach introducing school students to technology through exhibitions and interactive demonstrations.

Our Vision

Our Vision: TRACE aims to create an active and collaborative technical community where students learn, innovate, experiment, and grow together. Through practical experience, knowledge sharing, and industry engagement, it seeks to bridge academic learning and real-world technology.

Clubs & Activities

Learn together. Build real projects. Turn ideas into impact.

TH TinkerHub

A student-led campus community for curious learners, makers and mentors.

KEY ACTIVITIES

Hackathons, make-a-thons, talks and workshops that go beyond the syllabus and build industry-relevant skills.

µL µLearn CEA

The campus chapter of the µLearn Foundation, built around peer-to-peer learning and collaboration.

KEY ACTIVITIES

Build practical technology skills, work on real-world projects and showcase a public proof-of-work portfolio.

IEDC IEDC CEA

A student-focused initiative supported by Kerala Startup Mission to nurture innovation and entrepreneurship.

KEY ACTIVITIES

Develop entrepreneurial thinking, turn ideas into solutions and encourage students to become job creators.

IIC Institution’s Innovation Council (IIC)

A Ministry of Education Innovation Cell initiative that strengthens CEA’s innovation ecosystem.

KEY ACTIVITIES

Promotes creative problem-solving, entrepreneurship and start-up development through innovation activities and awareness programmes.

Career Guidance & Placement Unit



COLLEGE OF
ENGINEERING ADOOR

Major Recruiters

TATA ELXSI · accenture · cognizant · UST Global · Infosys · TCS Tata Consultancy Services

Mahindra · LITMUS7 Digital Future of Retail · Jio · Acsia · amazon · IBM

BYJU'S The Learning App · UNISIS SOLUTIONS · L&T · QUEST BORN TO ENGINEER · FEDERAL BANK · mitsogo

GadgEon Industrial Solution · Innovature · ZOHO · QBurst · experion technologies · TIG

COLLEGE OF ENGINEERING ADOOR

College of Engineering Adoor

Manakala P.O., Adoor, Pathanamthitta, Kerala - 691551

Principal: principal@cea.ac.in | 85470 05100

Placement Cell: cgpu@cea.ac.in

TPO Mobile: 9496367025

Training & Placement Office