

*A College with an Innovative Mind  
Committed to Mould Quality Engineers*

College Code  
**TEC**

# TRAVANCORE **TEC** ENGINEERING COLLEGE

Admission Brochure 2024-25



**Travancore Engineering College (TEC)** stands as a pioneering institution in the realm of self-financing engineering colleges in Kollam district, Kerala. Established in 2002 by the Travancore Education Society, its mission is to deliver high-quality technical education to the ambitious students of Kerala.

Situated amidst the lush greenery of a 24.6-acre hill area, TEC provides an ideal environment for learning. Located in Velinalloor Grama Panchayath, Kollam district, the college is approximately 7 kilometres from MC Road (Ayoor) and 16 kilometres from NH 47 & (Ithikkara). The campus's strategic placement ensures convenient connectivity to nearby towns and cities through road, rail, and air transport, making it easily accessible for students.

## Management

TRAVANCORE EDUCATION SOCIETY, headquartered in Kallambalam, Thiruvananthapuram district, oversees the management of the college. Comprising a dedicated group of visionaries, educators, and industrialists, the Society has made commendable contributions to education, especially within economically disadvantaged communities. The Society envisions not only fostering academic excellence but also nurturing students' skills and transforming them into entrepreneurs—an educational mantra embraced wholeheartedly.

The governing body of the society includes Shri. Anvar Sadath K (Chairman), Shri. Nadarsha M (Secretary), Shri. Amarudeen A (Treasurer), and Shri. Noushad A (Member). Their collective efforts guide the institution towards achieving its vision and mission.

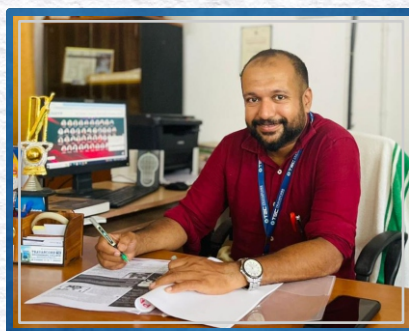


## Vision

Observe, Learn, Experiment, Analyze and Produce Scientific products - all these aspects of Engineering and Science through value added education. To conduct a high quality Research and innovations showing dedication and intelligence, adds to the National and International contribution towards the betterment of the Society

## Mission

Create, develop, and Deliver a technical spark in Engineering Graduates together with Global mould & personality; thereby the spark turns to the real Fire as Global Entrepreneurs, who will think independently and honestly for the high rate of creating employability & uplifting the world through the National Integrity.



Dear students,

It is with great pleasure that I extend a warm welcome to you to Travancore Engineering College, where we are dedicated to achieve academic excellence and nurturing the growth of young minds to transform them into effective and dynamic industry professionals.

Our commitment is rooted in the promotion of excellence within a caring and supportive environment. We firmly believe in upholding the fundamental rights of our students – the right to learn and the right to safety. These principles form the bedrock of our college

culture. We foster an atmosphere that encourages innovation and critical thinking, guiding students to produce high-quality work.

Our mission is to assist students in acquiring not only academic skills and content knowledge but also in developing healthy habits and sound decision-making abilities. Throughout the learning process, we inspire students to explore diverse perspectives and points of view. Our dedicated faculty and staff work closely with each student, fostering the right attitude that will empower them to take leadership roles and find innovative solutions to challenges.

As you embark on this academic journey with us, we wish you a very good beginning. Your time at Travancore Engineering College is not just an education but a transformative experience that will prepare you for a successful and fulfilling future. Our strategically located campus ensures easy connectivity to nearby towns and cities through road, rail, and air transport, facilitating accessibility for our students.

TEC aims to groom students, instilling in them the skills, capacity, and creativity required to lead productive lives and make positive contributions to their communities and the global society. Our dedicated faculty and staff work closely with each student, cultivating the right attitude to empower them to take on leadership roles and find innovative solutions to challenges.

[www.travancoreengg.ac.in](http://www.travancoreengg.ac.in)

Welcome to TEC, where dreams take flight, and futures are forged.

## WHY TEC?

- ❖ Expansive and well-furnished laboratories and classrooms
- ❖ Outstanding library featuring an e-Learning Resource Centre
- ❖ Vast and serene green campus with dedicated buildings for each department
- ❖ Exceptionally qualified and committed faculty members
- ❖ Exposure to the industry for students and additional courses to acquire practical skills.
- ❖ Robust and immensely supportive Alumni, NSS, IEDC, Women's Cell, FOSS Cell, ED Cell, and more.

With Best Wishes

**Dr. Azeem Hafiz PA., M.Tech, (Industrial Engg.) Ph.D.**  
PRINCIPAL

## Courses Offered

### B.TECH in

- Civil Engineering
- Mechanical Engineering
- Computer Science & Engineering
- Electrical and Electronics Engineering

## Add-on Courses Training Partners

In line with our commitment to providing holistic education, we collaborate with esteemed training partners to offer add-on courses that complement students' academic pursuits. Through these partnerships, students can enhance their skill set and gain valuable practical knowledge in various specialized fields.



## Civil Engineering

**Crafting Skylines: Explore the art and science of construction with our B.Tech in Civil Engineering program.**

The Department of Civil Engineering is dedicated to cultivating engineers of international calibre who can serve society with collaboration, competence, and ethics. We guarantee excellent results and expose aspiring engineers to the realm of modern technology. Our distinguished faculty specializes in Structural Engineering, Geotechnical Engineering, Environmental Engineering, Irrigation and Water Resources Engineering, Construction Engineering & Management, and Transportation Engineering. Our aim is to emerge as a Centre of Excellence in the field of cost-effective building materials, contributing to advancements in the construction industry.



### Technologies -

- Surveying & Geomatics
- Industrialized construction
- Virtual and augmented reality
- Sustainable green design
- Building Information Modeling

### Career Possibilities -

- Structural Design Sector
- Estimation and Valuation
- Construction Planning & Management
- Urban Planning and Architecture
- Environmental Engineering
- Geo Technical Engineering
- Transportation Engineering



## Computer Science & Engineering

**Coding the Future: Explore innovation and excellence with B.Tech in Computer Science and Engineering at TEC.**

The field of Computer Science and Engineering encompasses a broad spectrum of knowledge, providing a foundation for high-quality education aimed at moulding students into globally competent professionals with specialized expertise in software development. Our program is designed to ensure that students not only acquire essential skills but also stay abreast of the rapidly evolving trends in the dynamic IT industry.

### Technologies -

- Cyber Security
- Cyber Forensic
- Artificial Intelligence
- Block Chain Technology
- Internet of Things (IoT)
- Big Data Analytics

### Career Possibilities -

- Project Manager
- Data Scientist
- Network Administrators
- Block Chain Architect
- Software Engineers
- Cyber Security Specialist

### Technologies -

- Electric Power System
- Semiconductor Technology
- Smart Grid Technologies
- Renewable Energy Generation
- Control and Instrumentation

### Career Possibilities -

- Automation and Robotics
- Electric Vehicles
- Energy Generation
- Power Transmission and Distribution
- Renewable and Green Energy



# Electrical & Electronics Engineering



Electrify Your Future: Embark on a Journey of Discovery in Electrical & Electronics Engineering

(with data science and Machine Learning Using Python Add-on course)

Electrical and Electronics Engineering is a broad field that encompasses the study, design, and application of electrical systems, devices, and equipment. It involves the generation, distribution, conversion, and utilization of electrical energy for various purposes. Electrical engineers work on a wide range of technologies, including power generation and distribution, renewable energy systems, electronics, telecommunications, control systems, signal processing, and computer hardware. They play a vital role in developing and maintaining infrastructure, advancing technology, and shaping the modern world.



We offer minor degrees in all programs

Machine Learning is offered as minors along with Civil, Mechanical and Electrical Engineering programs



### Technologies -

- Computer Aided Design
- Manufacturing Technologies
- Computational Fluid Dynamics
- Mechatronics and control Systems

### Career Possibilities -

- Automobile Sector
- Aviation and Aerospace
- Defence Research
- Oil and Gas Industry
- Petroleum Refinery
- Shipping Industry

# Mechanical Engineering

Fuelling Progress, Powering Innovation: Discover Mechanical Engineering at Its Finest.



Embark on an exhilarating journey into the world of Mechanical Engineering, where innovation knows no bounds. Delve into the expansive realm of design, manufacturing, installation, and operations, where every challenge becomes an opportunity for growth. From revolutionizing medicine to shaping the skylines of tomorrow, our graduates lead the charge in diverse industries. With versatile skills honed through hands-on experience, they find themselves at the forefront of construction, steel production, automotive engineering, software development, and beyond. Join us as we engineer the future together.



# ATTRACTIVE SCHOLARSHIPS

The Travancore Education Society offers elegant Scholarships for brilliant students in line with their merit on each semester.

SCHOLARSHIP FEES STRUCTURE

Sl. No.	Branch	PCM marks in Plus two	Semester fees	Other fees
1	Electrical Engineering and Computer Science and Engineering Branches	95% and above	₹ 0	₹ 7,000 Per odd semesters
		Between 90% and 95%	₹ 5,000	
		Between 85% and 90%	₹ 10,000	
		Rank 1 to 5000 in KEAM and 1 to 10 in the Mock Test of	₹ 10,000	
		Rank 5001 to 10000 in KEAM	₹ 15,000	
2	Civil Engineering and Mechanical Engineering Branches	90% and above	₹ 0	
		Between 90% and 85%	₹ 5,000	
		Between 85% and 75%	₹ 10,000	
		Rank 1 to 5000 in KEAM and 1 to 10 in the Mock Test of	₹ 10,000	
		Rank 5001 to 10000 in KEAM	₹ 15,000	

## VIBRANT CAREER GUIDANCE & PLACEMENT UNIT

The Career Guidance and Placement Cell of our college are pivotal in steering students towards prosperous career trajectories. Beginning with motivational training and counselling programs for first-year students, followed by personality development sessions starting from the second year, these initiatives are designed to equip students with the confidence and skills necessary to excel in interviews and other selection processes.

Students are actively encouraged to participate in campus interviews organized by various establishments. Moreover, they receive guidance for internships and project placements in esteemed organizations, augmenting their practical knowledge and industry exposure. The cell further facilitates campus interviews and pooled campus events within the college premises, ensuring convenient access to a plethora of job opportunities.



**TEC**  
**PLACEMENT CELL**  
*Let build a career together!*



Through strategic partnerships with renowned establishments and companies, the college ensures a plethora of job prospects for its students. Major companies such as Burly, Micro Precession Ltd, Gls Group, Apmosys, Raps I Tech, Jbds Power Group of Companies, Kantar, Cozentus, Talrop -ifueux, Srishti Innovative, and Arcite School of Technical Education regularly grace the campus for recruitment drives. The CGP Cell remains deeply committed to fostering these opportunities and ensuring that students can effectively demonstrate their talents to secure promising career prospects.

Our college's emphasis on holistic development and industry connections not only enriches students' campus experiences but also empowers them to become successful engineers with promising futures, contributing meaningfully to society and the nation.

**EXPERIENCE A WORLD OF OPPORTUNITIES WITH OUR PLACEMENT DRIVE**



## Our Placement Partners



*Join the League of successful engineers!  
Our campus placement is now open*

## LIBRARY & LEARNING RESOURCE CENTRE (LRC)



Our college boasts a well-equipped Library and Learning Resource Centre (LRC) housing a comprehensive collection of over 20,000 technical and general books, alongside 48 national and international journals. This extensive resource pool fosters a culture of continuous learning among our students. The Digital Library is outfitted with ample computer systems and is seamlessly integrated with high-speed internet and 24 x 7 Wi-Fi facilities, empowering students to access e-resources anytime, anywhere.



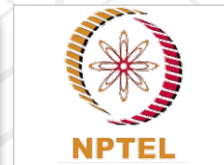
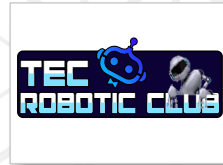
# NATIONAL SERVICE SCHEME

(UNIT No.704)

The National Service Scheme (NSS) unit at our college is a hub of vibrant activities, bustling with enthusiastic participation from students. Engaging in various social initiatives organized by the NSS unit, our students contribute meaningfully to community welfare endeavours. These activities play a pivotal role in shaping the holistic development of our students, nurturing not only their academic prowess but also instilling values of social responsibility and empathy.



## CLUBS AND CELL ACTIVITIES



## ALUMNI ASSOCIATION (Thirike..)

The Alumni Association of Travancore Engineering College (Thirike) stands as a dynamic and vibrant community comprising former students who are committed to fostering valuable resources for both our graduates and the college. Central to our mission is providing mentorship and career development resources for our esteemed members.

Through regular events and activities, we create opportunities for our alumni to reconnect with their former classmates, network with other graduates, and exchange their experiences and expertise. These gatherings not only strengthen the bonds within our alumni community but also contribute to the continued growth and success of both our graduates and the college.

TEC REUNION

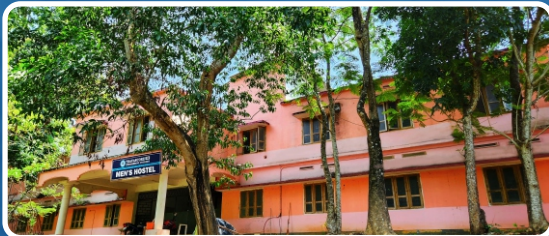


## TRANSPORTATION FACILITIES



Our college offers convenient transportation facilities for both students and staff, facilitating their commute between the college and nearby towns. Day scholars have the option to avail themselves of the college bus service for their journeys to and from the college. Our college buses operate on routes connecting important locations such as Kollam, Kottarakkara, Kulathupuzha, Kilimanoor, Paravur, and Varkala, ensuring smooth and reliable transportation for all.

## STUDENTS' HOSTEL



Our college provides separate hostels for men and women, each capable of accommodating over 150 students. These hostels offer well-designed rooms and maintain hygienic bathrooms and toilets, ensuring that our accommodation facilities are of the highest quality.

## CANTEEN



The college canteen stands out for its impeccable standards of hygiene, cleanliness, and spaciousness, offering ample seating arrangements for students. The food served here maintains a high standard of quality and is prepared with utmost attention to hygiene. Additionally, the canteen plays a pivotal role in promoting healthy eating habits among students and implements eco-friendly practices such as utilizing biodegradable plates and cutlery.

## SPORTS AND EXTRA CURRICULAR ACTIVITIES

Our college places a strong emphasis on promoting sports and extracurricular activities as integral components of student development. With well-equipped sports facilities including football grounds, cricket grounds, basketball courts, volleyball courts, and more, we provide ample opportunities for students to engage in physical activities and pursue their interests outside the classroom.



**Women Cell Inauguration**  
Ms. Afsana Perween (IAS), District Collector



**Robotic Club Inauguration**  
Adv. Sam K. Daniel  
(Former Kollam Jilla panchayath president)



**Industrial Visit @ Soil Museum**



**Industrial Visit @ Tasty World Chikmagalur**



**TPL Season-1 Inter college Winners**



**ASAP Education Programme**



**Self Defence Team of Crime Branch**



**Dr PK.Gopan**  
(Kollam Jilla panchayath president)



**Free Medical Camp with Vijaya Hospital**



**First year students visited Talrop Techies Park organised by ED Club**

# Placement Highlights 2024



ABHINAND ANIL  
CE (BLOC HOUSE)



ARCHANA  
CE (BLOC HOUSE,  
ARCITE, TISWARA  
& Q-SPIDER)



SHIBINA S  
CE (BLOC HOUSE)



SIYAD B  
CE (BLOC HOUSE,  
CASADEL, TISWARA  
& Q-SPIDER)



JITHIN S  
CE (BLOC HOUSE)



NAFIH SALIM  
CE (BLOC HOUSE)



KUNJAMINA H.S  
CE (BLOC HOUSE)



MUHZIN NAVAS  
EEE (TISWARA,  
TALROPE  
& Q-SPIDER)



MUHAMMED  
SALMAN KHAN  
EEE (TISWARA,  
TALROP & Q-SPIDER)



JASMINE S SAHIB  
CE (ARCITE &  
Q-SPIDER)



ASHINA RAHIM  
CE (CASADEL,  
TISWARA & Q-SPIDER)



MUHAMMED SHAN  
CSE (TISWARA  
DATAPY &  
Q-SPIDER)



VISHNU S  
CSE (DATAPY,  
TISWARA & Q-SPIDER)



FOUSIYA S  
CSE (DATAPY,  
TISWARA  
& Q-SPIDER)



SELIN MARY SUNNY  
CSE (TISWARA  
& Q-SPIDER)



AADHISH VIJAY  
CSE (DATAPY &  
ARCITE)



SHEHINA SHIHAB  
CE (TISWARA  
& Q-SPIDER)



RAHNA S  
CSE (DATAPY &  
TISWARA)



JOSEPH ABIN THOMAS  
CSE (DATAPY &  
Q-SPIDER)



MUHAMMED  
SHAJUSHA S (CE)  
(TALROPE & Q-SPIDER)



AMALRAJ (CSE)  
(TALROPE)



AHSEEN ISLAHI R  
CE (DATAPY)



ABDUL NAFIH IBNU  
RAFI CSE (DATAPY)



ALIF M  
EEE (DATAPY  
& TISWARA)



MARWA  
CSE (DATAPY  
& Q-SPIDER)



LITTO JOHN  
CSE (DATAPY &  
Q-SPIDER)



FATHIMA BEEVI  
CSE (DATAPY)



ABHIRAJ S R  
CSE (DATAPY &  
Q-SPIDER)



ALIYA NIZAR  
CSE (DATAPY &  
Q-SPIDER)



THASLEEMA  
NAZEER  
CE (Q-SPIDER)



SHAHNA  
SHAJAHAN  
CSE (DATAPY)



ANUPAMA AJAYAN B  
CSE (TISWARA &  
DATAPY)



IRFANA Y M  
CE (Q-SPIDER)



ALFIYA M S  
CE (ARMSTECH &  
BLOC HOUSE)



AHNA R  
CSE (Q-SPIDER)



SUHANA FIRDOUSI H  
CE (Q-SPIDER)



SAHANA N  
CSE (DATAPY)



ANULEKSHMI VA  
CE (AARBEE &  
Q-SPIDER)



AMEENA NOWSHAD  
CSE (DATAPY)



AMAL DILSHAD  
ME (TISWARA)



AJAYGANESH  
CE (Q-SPIDER)



SHIJAS T S  
EEE (Q-SPIDER)



MUHAMMED  
JESIN N S  
EEE (Q-SPIDER)



KRISHNADEV U  
ME (Q-SPIDER)



RAGESH R  
ME (Q-SPIDER)



ARAVIND LAL L S  
ME (Q-SPIDER)



ANKIT J KUMAR  
ME (Q-SPIDER)



AFSAL AYYOOB  
ME (ARMSTECH  
& Q-SPIDER)



## TRAVANCORE **TEC** ENGINEERING COLLEGE

Roaduvila, Cheriavelinalloor P.O., Oyoor, Kollam - 691516, Kerala  
Affiliated to Dr. APJ Abdul Kalam Technological University (KTU),  
Govt. of Kerala & Approved by AICTE New Delhi

[www.travancoreengg.ac.in](http://www.travancoreengg.ac.in) [info@travancoreengg.ac.in](mailto:info@travancoreengg.ac.in)



9745300086 | 9745300087 | 9745300083 | 7594830087

### Earn While Learn



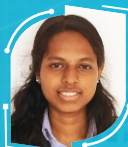
Three of our students have been selected to undergo technical training at M/S Talrop our official placement partners. These students will be in receipt of monthly stipend from their second year course onwards



Amina S



Suvin SK



Anamika Sudhan