NOTABLE ACHIEVEMENTS

ISTE Students Awards are received by
- Er.N.Manjari Priyadharshini – 2020
- Er.G.Nishanth – 2019
- Ms.R.Subaranjana – 2016

Patent Published by student:
- Mr.Sathish Rakin [Batch 2017-21] | A Docking Station for An Autonomous Drone Used for Forest Fire Detection

- Mr.Ajaikumar [Batch 2017-21] | Design and Fabrication of Coconut tree Climbing Robot

Extra-Curricular Awards:
- Er. Vajlal,[Batch: 2018-22] Participated in All India National Federation Cup 2021 in Goa and won gold medal in Athletic Long Jump.
- Er.Subham Bajpai participated in International level Youth Exchange Programme in Moscow, Russia during 2016-17
- Er.S.Swetha [Batch:2014-18] is a National Hockey Player

SALIENT FEATURES & PRACTICES @ PMIST

- Earn while you learn scheme • Separate hostels for boys & girls • Sports & extracurricular activities • Technology Business Incubator to support Innovation & Entrepreneurship • E-contents for all subjects • 100% placement assistance • In-plant training & internship • Wi-Fi enabled campus • Ragging free campus • Practices towards zero carbon campus • Excellent infrastructure & State-of-the-art facilities with well equipped laboratories, libraries • Hospital facilities within the campus

No.19 TOP 100 SCIENCE UNIVERSITIES IN INDIA (IWF) RANKED BY: IIRF-2022

No.7 STATE RANK DEEMED UNIVERSITY RANKED BY: IIRF-2022

No.18 World Institutional RANKING — IN NATIONAL LEVEL TOWARDS PRACTICES SUSTAINABLE EDUCATION - 2021

RANKED 28 AMONG INDIA'S BEST ARCHITECTURE COLLEGES BY INDIA TODAY 2021

No.18 DEPARTMENT OF ARCHITECTURE RANKED BY: IIRF-2022 IN NATIONAL LEVEL.

PERIYAR MANIAMMAI
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited
think • innovate • transform

MY UNIVERSITY MY FUTURE

DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING

B.Tech - ECE
B.Tech - (Hons.) ECE with specialization in **AI and ML**
B.Tech - (Hons.) ECE with specialization in **Robotics and Industrial Automation**
M.Tech - Wireless Communications (Full Time)
Ph.D - ECE
(Full Time & Part Time)

VALUE ADDED CERTIFICATION COURSES
DURING THE ACADEMIC PERIOD FOR MORE EMPLOYMENT OPPORTUNITIES

- Circuit Design & Simulation
- PCB Rework and Hand Soldering
- Programming in Arduino
- Industrial Automation
- Altium Design & Fabrication Techniques
- C & C++ / Python Programming

THINK
INNOVATE
TRANSFORM

ESTABLISHMENT

The Department of Electronics and Communication Engineering was established in the year 1988. The department provides quality education and promotes research in the diverse fields of application of Electronics and Communication Engineering.

The aim of the department is to infuse scientific temper among the students and make them blossom into meritorious and self-disciplined engineers. The department has dedicated and motivated faculty members who help the students to become successful in all endeavours.

PROGRAMME OVERVIEW

- Established in the year 1988. Latest Accreditation by NBA in 2009
- Provides students with a strong theoretical and experimental knowledge
- Laboratories are well equipped
- An industry-oriented curriculum helps in building a strong foundation of engineering

SCOPE OF THE DEPARTMENT

- Engineers will be part of the Fast-growing technological world
- Growing convergence between hardware and software
- Ample job opportunities in Government and private sectors
- Prospects to work in new fields such as industrial automation, AI, ML, autonomous drone, robotics, smart energy systems etc.

BEST PRACTICES

- Students participate in the operation of Periyar FM community Radio
- Students are involved in setting up of e-Yantra Lab.
- The students are involved to do NPTEL certificate courses under the mentorship of faculties.

INFRASTRUCTURE & FACILITIES:

- Department laboratories are well equipped with state of art facilities in the area of Electronics, Communication, Digital Signal Processing, Microwaves, Fiber Optics, Embedded Systems and VLSI Design.
- The number of text and reference books available in the department library is nearly 10,000 apart from main library.

- The department is in association with IIT, Bombay has established a e-yantra laboratory Through the laboratory, the students are trained to do projects and file the patent.

- The faculty and students extend their services to the people of nearby villages through Periyar Community Radio (90.4MHz). Programmes on Education, health, Environmental Awareness, Agriculture etc are broadcast through FM Community Radio.

ABOUT SPECIALIZATION IN AI AND ML

- AI and ML are now the major tools in providing better solutions for IT, Agriculture, Education, etc.,
- In future, all industries will implement AI and ML in their daily routine

ABOUT SPECIALIZATION IN ROBOTICS AND INDUSTRIAL AUTOMATION

- One of the topmost career choices among the aspirants
- Leads to potential career opportunities in manufacturing, research and engineering, agriculture, mining, etc.,
- In Future, a variety of opportunities are available for ECE professionals specializing in Robotics

PROMINENT ALUMNI TESTIMONIAL

Er. S. Sathish Rakin
(2017-2021)
UI/UX Designer
AINQA, Kuala Lumpur, Malaysia

College was one of the most interesting stages of my life. PMIST provided the opportunity to dive deep into the ocean of new beginnings and possibilities also gave me an opportunity to explore the world of technologies. ECE equips me and created a strong foundation of knowledge. That's why I'm a SOFTWARE ENGINEER Today.

Er. V. Hemnisha
(2012-2016)
Assistant Engineer
Chennai Metro Water Service

On the four years spent at PMIST we were enriched with soft skills besides the subjects. Networking skills are the most required at the present global scenario, at PMIST you are provided with opportunities to interact among vast disciplines including Arts and Science. Being a student of ECE department I could assure that Hod and faculties are always updated in their field of interest thereby providing students a better understanding even before getting to jobs. In my present job at State government sector the networking skills and soft skills are highly helpful when dealing with vast public

Er. D. Dhenmozhi
(2009-2013)
Systems Engineer
BrahMos Aerospace, New Delhi

Without the incredible support of PMU. I would not be here today. My years spent in university helped me a lot to grow as an individual. PMU has given me great opportunities to concentrate on technical and personal development which made my carrier in BrahMos Aerospace. Your endless encouragement and invaluable edification had changed me forever. Thank you!