

## NOTABLE ACHIEVEMENTS

- Presented a paper on the "Automation in Transformers" and secured First prize held at Anna University, Trichy.
- Involved the Asia's first Balloon Satellite launched by woman students at Periyar Maniammai Institute of science and Technology in association with Space Kids India.

## 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



PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University)

Periyar Nagar, Vallam, Thanjavur - 613 403, Tamilnadu, India.

For more details, Visit  
[www.pmu.edu](http://www.pmu.edu)  
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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 ELECTRICAL AND ELECTRONICS ENGINEERING

B.Tech. EEE |

B.Tech. EEE with specialization in

**Electric Vehicles**

with specialization in

**Energy Engineering**

M.Tech. Regular

**Power Electronics & Drives**

Ph.D. (Full-Time / Part-Time)

VALUE ADDED  
CERTIFICATION  
COURSES

DURING THE  
ACADEMIC PERIOD FOR  
MORE EMPLOYMENT  
OPPORTUNITIES

- Communications Skills & Development
- Fundamentals of C/C++ • Auto CADD
- IOT/Aurdino • Advanced Placements Skills and Training • Energy Auditing and Management



THINK  
INNOVATE  
TRANSFORM



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## PROGRAMME OVERVIEW

- Profession that uses science, technology and problem - solving skills to design, construct and maintain products, services and information systems.
- Fascinating field that could make your time a uni - challenging, enriching and rewarding experience.
- Extends its contribution towards different fields like Energy Conservation and Auditing, Energy Efficient Systems, Renewable Energy Systems & Electric vehicles.

## SCOPE OF EEE

- Equipped to build software, electronic components, and products for commercial, industrial and residential use.
- Electrical Engineering jobs represent over 60% of all available jobs in job

market of various other Engineering fields

- Well positioned to address a variety of crucial engineering issues faced by the society.
- Most Prominent in manufacturing, power generation, transmission, distribution, E-vehicles and utilization sectors.

## ABOUT SPECIALIZATION IN ELECTRIC VEHICLES

- Future Mobility with Electric Vehicles that focuses on the Basics of Battery driven Electric Vehicles Dynamics
- Focuses on Motors, Power Electronics Controllers, Batteries and its charging, etc.
  - Impacts of EV on the economy and environment

## ABOUT SPECIALIZATION IN ENERGY ENGG

- Green energy generation emphasizes the construction and installation of wind / solar farms and other alternate sources.
- Energy Storage System solves the societal power challenges
- Renewable energy integration

## FACILITIES

- D.C Machines Laboratory • A.C Machines Laboratory • Power Electronics Laboratory • Special Electrical Machines Laboratory
- Measurements & Instrumentations Laboratory • Electrical Circuits Laboratory • Electronic Devices Laboratory • Power System

Simulation Laboratory • Control System Laboratory • Electrical Workshop Laboratory • LED Lamps Assembling Unit • Motor Coil Rewinding Unit • Department Library

## BEST PRACTICES

- Value Added Courses with M/s CADD Centre for Electrical Auto CADD • Energy Management and Auditing • Hands on training in Programmable Logic Controller (PLC) • Printed Circuit Board (PCB) Designing and Fabrication
- Real Time Exposure on Renewable Energy • Industry Oriented Consultancy Projects

## OUR DISTINGUISHED ALUMNI



**S. Sathis Kumar**  
(2008-2011)

Senior QC Inspector,  
Axis Inspection Technology,  
Saudi Arabia

When I reminisce about my four years of college life in PMIST, I see the transfer-able set of competencies that got build up over a period of time in me. I will definitely not talk about the know-ledge piece here but I would like to talk about the skills and mindset that help to raise the bar of excellence. And when I hark back to my journey of four years I think skills like strategic planning, optimism, coaching, managing self and time got developed at grass root level that certainly played a vital role post graduation.



**A. Jeyabalan - (2008 – 2011)**  
Assistant Engineer,  
Meter Relay Test Division,  
TANGEDCO

Life in PMIST was nothing less than a roller coaster ride, full of ups and downs one can imagine. But throughout the journey I have learned a lot. It have provided me with some great opportunities which helped me improve myself in every aspect as a student, as a senior, as a friend, as a sportsman, as a leader and most importantly as a professional. Experience in PMIST have helped me sharpen my skills in my field of choice by providing fully equipped labs where I could practice and learn. Apart from this being a part of student panel helped me improve my managing skills along with technical. In all I had a great learning experi-ence and have learnt some very important lessons in life which will help me to grow in future as well.



**S Prabakaran - (2010 – 2013)**  
Fiber Engineer, Reliance  
Infocom Pvt. Ltd.

It's been fortunate to be a part of the PMIST, Bareilly where I got the platform to enrich my skills and henceforth a bright light towards my life, with the support and endeavor of my faculty members all the way with my family