

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
admissions@pmu.edu



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PRACTICE SUSTAINABLE GROWTH - 2022

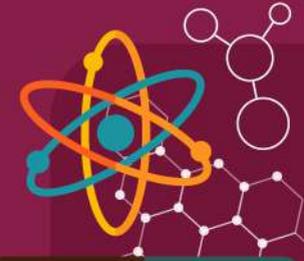
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AMONG INDIA'S BEST
ARCHITECTURE COLLEGES
BY INDIA TODAY 2021

DEPARTMENT OF ARCHITECTURE
No.18
RANKED BY IIR-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



$E=MC^2$

DEPARTMENT OF
PHYSICS

B.Sc Physics

M.Sc Physics

Ph.D

(Full Time & Part Time)

VALUE ADDED
CERTIFICATION
COURSES



DURING THE
ACADEMIC PERIOD FOR
MORE EMPLOYMENT
OPPORTUNITIES

- Electrical Appliance
- PCB Design and Fabrication
- Principle and Utilization of Electronic Domestic Appliances
- Astrophysics
- Electrical and Electronic Appliance

THINK
INNOVATE
TRANSFORM



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ESTABLISHMENT

The Physics department was established in the year 1988. The department is having highly qualified and well-experienced faculty members. The department is carrying out various research activities in the fields of Crystal growth, Thin films, Vacuum tube collectors, Nanotechnology, Quantum Mechanics and Membrane Technology.

The department is offering B.Sc. (Physics), M.Sc. (Physics) and Ph.D (Full time & Part time) program. The department is having facilities with well-equipped laboratories, which fulfills the need of B.Tech. (First Year), B.Sc. & M.Sc. Physics and Ph.D. scholars.

PROGRAMME OVERVIEW

Physics is the mother of science. It possesses technical thinking and increasing research knowledge. The department has

been contributing towards active research in various fields of Physics such as,

- Solar energy
- Thin film
- Crystal growth
- MEMS (Micro Electro Mechanical System)
- Quantum Mechanics
- Quantum Physics
- Computational Physics

SCOPE OF THE PROGRAMME

Job opportunities in various sector

- Electrical power generating stations viz thermal, wind, hydro.
- Space R&D: NASA, ISRO, DRDO, HAL and Private Sectors.
- All Group Exams, UPSC, Bank Exams, RRB.
- JEST (Joint Entrance Screening Test) for research centers
- Research and job opportunities at Various National Institutions like IGCAR, IISc, RRI

FACILITIES AVAILABLE FOR RESEARCH

- Solar vacuum tube collector & dryer unit
- Crystal Growth
- Spray Pyrolysis Unit
- Scanning Electron Microscope
- Thermal Gravimetric Analysis
- Raman Spectroscopy
- Four Probe Method
- UV-Vis spectrometer
- Atomic Force Microscope

SALIENT FEATURES

- Mini Project practice is given in each semester every semester to improve

their scientific knowledge, and level of thinking.

- Hands on Training to operate solar vacuum tube collector and for Fabricating Thin films using spray coating unit.
- Separate skill lab hours allotted to develop skills of students.
- Implant training is given with collaborated industries and institutions.
- Well established and spacious laboratories.
- Department Library with updated books.
- Training & Placement

