



M.Sc. PHYSICS

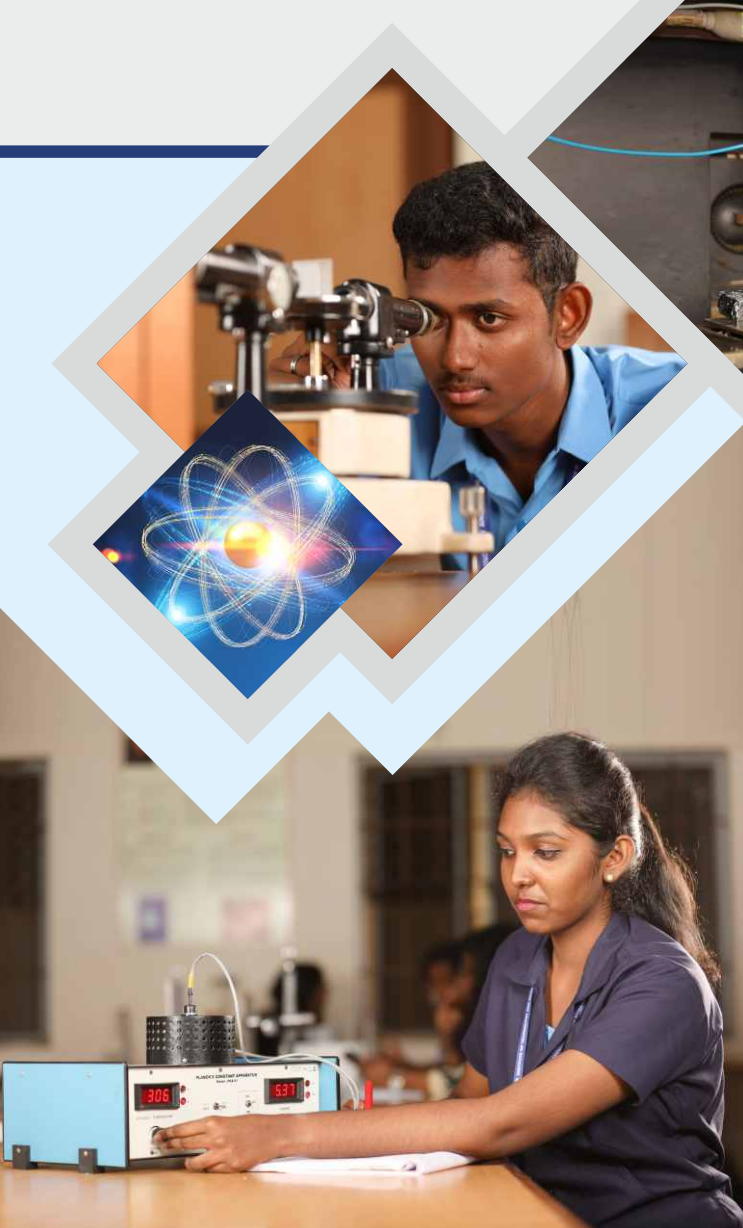
Department of Applied Physics

Admissions
2021

▼ About Us

The postgraduate program in physics is a pioneering science discipline that aims to unravel the marvels and mysteries of the cosmos and the material universe around us. This program is perfectly aligned with the thrust areas of Karunya Institute of Technology and Sciences namely energy, water, health and food which form the fulcrum of human existence.

The department has built fundamental and advanced research facilities for training the students in cutting edge technologies to address the demands in industry and society. The department is endowed with highly qualified faculty with decades of experience in teaching and carrying out research projects of national importance. The tech savvy faculty are familiar with the modern tools of teaching making learning experience truly global.



▼ Mission

The Department of Applied Physics aims to innervate young minds in line with the mission and vision of the University and provide them with a profound physics education that touches the core problems facing humanity and enables them to find innovative, inventive, creative and competitive solutions for the same.

▼ Programs Offered

M.Sc. Physics (Full Time -2 years)

▼ Objectives

- To develop critical thinking and problem-solving skills in the areas of Classical mechanics, Mathematical physics, Electromagnetic theory, Quantum physics, Solid state physics, Nuclear physics, Atomic and molecular spectroscopy, Semiconductor physics, Thin film technology, Astrophysics and Nanomaterials to address the scientific research and industrial requirements.
- To design products with the aid of cutting-edge technologies to solve human problems in the area of Energy, Food, Health and Water.
- To facilitate invention and innovation in product development through the acquired knowledge in physics.

Who can apply?

- Students who aim to reach for the stars and delve into the depths of natural world around us.
- Students who aspire to become entrepreneurs in physics related start-ups.

▼ Eligibility

A pass in B.Sc. in Physics / Applied Sciences (with Physics as one of the major subjects) or Equivalent

Contact:



The Head of Department
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