

IN COLLABORATION WITH



ADMISSIONS
2025

**Empower Your Future with
Cutting-Edge Technology!**

B.Sc (Hons) SEMICONDUCTOR TECHNOLOGY

Division of Physical Sciences
(PHYSICS)

4 Year Program

Industry Connect

Curriculum as per NEP

Why Choose This Program?

- Aligned with India Semiconductor Mission
- Industry-relevant curriculum
- Focused on design tools for industry-ready chip manufacturing
- Opportunities for research, innovation, and real-world experience
- Industry Placement

Career Opportunities

- Semiconductor Manufacturing Engineer
- Device Fabrication Specialist
- Research & Development Technologist
- Materials Scientist

Program Highlights

- Hands-on training with sophisticated fabrication and characterization instruments
- Exposure to real-world semiconductor processing and materials analysis
- Participation in collaborative projects and industry internships

Skills You Will Develop

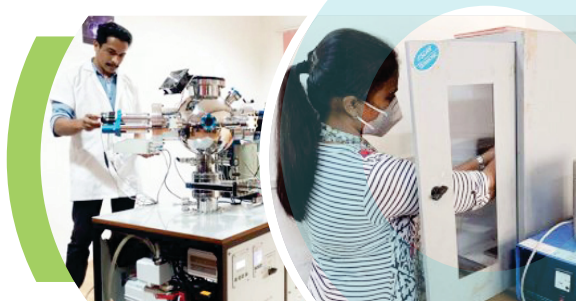
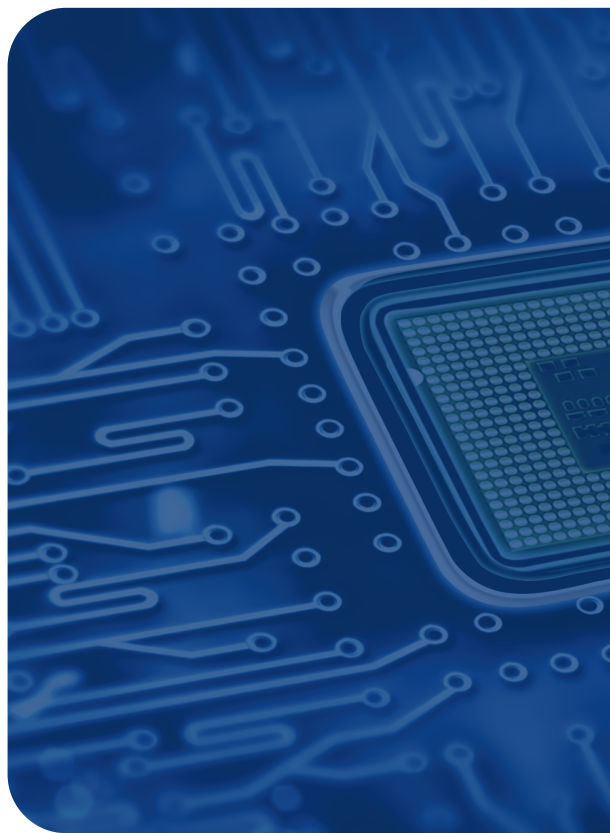
- Thin film preparation techniques
- Semiconductor device design and analysis
- Materials characterization and surface analysis
- Research methodologies and problem-solving skills

State-of-the-Art Facilities

- Pulsed Laser Deposition (PLD)
- Thermal Evaporation Systems
- Sputtering Units
- Scanning Electron Microscope (SEM)
- Atomic Force Microscope (AFM)
- X-Ray Diffraction (XRD)
- Photoluminescence (PL) Spectroscopy
- UV-Visible and FTIR Spectrophotometers
- Keithley Meter
- NI Workstation
- QE Probestation

Shape the Future!
Be a Semiconductor Professional !!

Contact: Division of Physical Sciences - Physics
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