

Electronics and Electronics Engineering

The **Electrical and Electronics Engineering** department was founded in 1994. The department emphasizes a strong foundation in fundamentals like physical sciences, mathematics, and circuits. The core specializations of the department are circuit theory, control systems, power system analysis, and power system operations and control. It encourages practical learning by undertaking industry-scale projects. In this regard, the department specializes in Solar panel design and installation. The department takes a research-first approach, encouraging teacher-student cooperation. Faculties from the department have been awarded external funding in various specializations like energy engineering, semiconductor devices, and power electronics.

Students can undertake research and get international exposure through the IEEE club. In recent times graduates have actively started working in the field of hybrid electric vehicles.

HR Requirements

The industrial requirements given by the top recruiters in the field of EEE for the pre-final year students are:

1. Good understanding of core subjects like VLSI, Circuit Theory, Digital Signal Processing, Linear Integrated Circuits.
2. Undertake practical projects to display an understanding of core subjects.
3. Coding skills with a strong foundation in data structures, networks, and algorithms.
4. Work experience through internships.
5. Paper publications are an added advantage.
6. Participation in hackathons.
7. Embedded System programming skills (C, Raspberry Pi, Rust, VHDL).