

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Foresight

To deliver an excellent academic and to make the learners to understand the depth of course and research and making them to confer their knowledge as benefactor in the domain.

Objectives

- To empower the students with state-of-art knowledge to excel as eminent electrical engineers with multi-disciplinary skills.
- To inculcate emblematic and ethical social values and leadership qualities to meet the demand of industrial needs, societal problems and global challenges.
- To facilitate the students with outstanding personality development to make positive differences to society through valid technical education.
- To construct the student's technical knowledge from the basics to the evolving technologies.

ABOUT E³SPARKZ

The Department of Electrical and Electronics Engineering was instituted in 2012. It affords four year B.E. (Electrical and Electronics Engineering). The Programmes offered by the department of Electrical and Electronics Engineering are accredited by the AICTE, New Delhi and affiliated to Anna university, Chennai. It has a distinguished team of faculty consisting of a Doctorate and various post graduates pursuing their research in different areas of Electrical and Electronics Engineering and have wealth of industrial/research/teaching experience. The department has been equipped with state of art facility

in all the laboratories. The department continuously growing in terms of academic, placements, co-curricular and extra-curricular activities, projects and consultancy activities. Many of the students involve in developing the solutions for real time industrial problems and have added laurel to the department.

CORE

Electrical and Electronics Engineering is captivating and pioneering branch for many diversified and emerging departments such as ranging from Instrumentation Engineering, Energy Engineering, Mechatronics Engineering, Computer Science and Engineering Biomedical Engineering and Aerospace Engineering.

The branch provides students with a wide range of fundamental basic knowledge in core disciplines such as circuit designs, power generation, electrical machines, power electronics, computer networks, control systems, signal processing, micro-processors, micro-electronics, etc. The discipline focuses on design and manufacture of electrical, electronic devices, computers and their parts, as well as on the integration of components into complex systems.

Globally, the opportunities are vast in this domain because of the need of semiconductor devices which is progressively growing day by day.

The branch provides the study and analysis of problems, opportunities and needs of electrical, electronics, instrumentation, computer, telecommunication systems and related industries. This programme uses the concept of Science, Technology, and analytical skills to design, manufacture, and maintain products, services, and information systems.

In India, B.E.(EEE) graduates can find themselves as Design Engineers, Project Engineers, Engineering Specialists, Chief Engineers, Quality Control Engineers, Software Engineers, Development Engineers, Reliability Engineers, Research Engineers,

Systems Design Engineers, Field Engineers, Test Engineers and Sales Engineers etc.

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In the recent days, the necessity of Renewable energy increases causes the field more demanding. The latest technical expertise required for management is increasing because of the explosion of knowledge in engineering, technology, and science. Since the problem-solving skills acquired in an electrical engineering programme provide an extraordinarily valuable asset and it will equip them to assume leadership roles in their community and in professional circles outside the workplace.

FUTURE SCOPE:

- In Electronics industries for manufacturing and electronics system design in Free Scale Semiconductors, National Instruments, Texas Instruments, etc.
- In government owned power sectors for installation, operation and maintenance of electrical equipment's and systems in Electricity Boards of all the states, Power Grid Corporation, Power generation corporations like, TANGEDCO, NTPC, NHPC and Chartered Engineers etc
- In PSU's like OIL, Railways, Airport Authorities of India, ONGC and Petroleum Corporations, Banking Sector etc.
- In Core Sectors like L&T, Construction & Steel, Tata steel, Mahindra, Tata Motors, Electro Steel, JSW Steel, etc.
- In private sectors as Business Development Associates, Content Development Manager, Consultant etc.
- IT industries
- It also provides the opportunities and eligibility to write UPSC – IES, TNEB, TRB, TNPSC (Engineering services).

PLACEMENT CELL

"EEE Placement Cell" would pertain to the placement activities related to students in the field of Electrical and Electronics Engineering and also various sectors.

The primary functions of an EEE Placement Cell include:

- Industry interrelationship
- Internship and practical training opportunities
- Placement drives
- Resume building and skill enhancement
- Career counselling
- Alumni networking
- Tools learning

Placement Records: Last year placement approached nearly towards 100% in EEE department. Maintaining records of placement statistics, students's database of placement and the types of roles secured by graduates. The record can be useful for future planning and improving the placement process progressively.

The overall goal of an EEE Placement Cell is to bridge the gap between academic and industry by connecting students with relevant job opportunities and helping them undergoing changes into the workforce smoothly.



Ms. V.SARANYA M.E.,
PLACEMENT COORDINATOR
DEPARTMENT OF EEE