

ACTIVITY REPORT FOR DEPARTMENT OF ELECTRICAL ENGINEERING

The Department of Electrical Engineering remains a cornerstone of technical excellence within the Institution. This year, we successfully balanced rigorous academic standards with high impact industry engagement, ensuring our students are equipped for the evolving demands of the Power and Automation sector.

Academic Excellence:-

The department achieved excellent results in both the odd and even semesters. This consistency is a primary focus of the faculty who continue to strive hard to maintain high passing percentages and distinction through regular assessments and remedial support.

Student Internship & Industrial Training:-

A critical component of our curriculum this Year was the successful placement of students in professional environments.

Industry placement: Students were placed across various Government & private sectors including Electricity Department and other private units. This included commitment to the Board of Apprenticeship Training (BOAT) and AICTE mandates for industrial exposure.

Skill Acquisition: Internship focused on real world applications of electrical maintenance, wiring protocols & industrial safety.

Specialized Technical workshops:

To bridge the gap between classroom theory and Industrial technology, the department conducted hands on courses in:-

- PLC (programmable Logic controllers) - focussing on Industrial automation and control Logic



- Arduino Platforms: Introduction to micro controller and IOT based engineering Solutions.

Expert Lectures and professional Development:-

We were honoured to host Shi Yogesh Katdhare, expert faculty, Valneshwar College of Engg. for an talk on Electrical Safety. This session provided students with indispensable knowledge regarding high voltage safety standards.



Field Visits and Practical Exposure:-

Final year students gained significant practical insight through site visits to:-;

- Meter and Relay Testing (Margao): understanding the smart meters and testing of Relays



- 220/110KV Curti Substation: Study of Distribution & transmission operations, protection schemes of substation, layout and other key aspects.



- Gas Insulated System: Exposure to compact substation technology.



The department looks forward to the next academic year with a renewed focus on maintaining our academic record and expanding our Laboratory infrastructure to include more software-integrated learning environments.

OUR TOPPERS

Final Year (Electrical Engineering)

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|-----------------------------|--------|
| 1) Shreeyash Madhukar Morje | 92.89% |
| 2) Sohan Pandhori Dabholkar | 87.73% |
| 3) Soham Satej Bude | 87.20% |

Second Year (Electrical Engineering)

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| 1) Aryan Humant Naik | 84.93% |
| 2) Nihar Nandakishor Korgaonkar | 82.93% |
| 3) Vicky Sanjay Mayenkar | 78.53% |

First Year (Electrical Engineering)

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| 1)Mhamad Samir Mhamad Thashildar | 81% |
| 2) Parth Bhupal Khutale | 79.83% |
| 3) Pratik Prashant Fal Dessai | 75.67% |