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LAKSHMI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Vision

To impart knowledge of electrical and electronics engineering and mould students into world class professional to achieve excellence in engineering education.

Mission

- To impart quality education in Electrical and Electronics Engineering by providing strong theoretical and practical exposure to global standards.
- To nurture competent engineers with ethical values, leadership skills and a commitment to lifelong learning, enabling them to serve society responsibly.
- To promote research, innovation consultancy and industry collaboration for technological advancement and sustainable development.
- To create an environment that encourages creativity, entrepreneurship and professional excellence in the field of Electrical and Electronics Engineering.

Program Specific Outcomes (PSOs)

PSO-1	<i>Develop the ability to model, analyse, test and design using modern software and programming tools in the field of Electrical and Electronics engineering.</i>
PSO-2	<i>Capability to solve complex engineering problems in modern electrical and Electronics applications professionally to provide efficient and socially acceptable technical solution.</i>
PSO-3	<i>Apply project management techniques and computational skills to manage multidisciplinary such as green energy, AI tools etc. while adhering to professional ethics and environmental standards for sustainable industrial development.</i>

Program Educational Objectives (PEOs)

PEO-1	<i>Graduates will demonstrate the ability to apply fundamental knowledge of mathematics, science and engineering to identify, analyse and design innovative solutions for real world problems in Electrical and Electronics Engineering as demand of industry and society.</i>
PEO-2	<i>Graduate will develop the ability to design and implement efficient, cost effective and sustainable computing and electrical systems, using appropriate methodologies to meet the evolving technological demands of present scenario for society.</i>
PEO-3	<i>Graduate will be proficient in using modern engineering tools, software and techniques to solve complex engineering problems in a global, economic, environmental and social context.</i>
PEO-4	Graduates will exhibit professionalism, ethical behaviour and an understanding of the economic implications of their engineering solutions. Their well communication and team work, preparing them to take leadership quality in the practice of Electrical and Electronics Engineering.

Department had planned 5 days schedule for in-house Internship-I for II semester students of EX that enclosed here for the reference. This schedule was conducted successfully by organizing each session according to the plan except minor alteration. Around 50 students of both branches participated enthusiastically all the sessions of the internship. Various in-house experts and experts from outside delivered their expert view on the relevant topics by maintaining the upper level of quality. Prof. Vikas Kumar and Prof. Paramjeet Kaur have been delegated the responsibility to coordinate the entire internship program.



765/400 kV Substation Visit to Indigrid, Sukhisewania on 09 & 10 April 24

An Industrial visit was successfully visited by the students of IV semester EX, LNCT Bhopal on 09th & 10th April 2024. The visit was conducted at Indigrid, Sukhisewania, Bhopal Madhya Pradesh. 23 students of Electrical & Electronics Engineering along with Prof. Anurag Soni, Assistant professor were present on 09th April 2024 while 22 students of Electrical & Electronics Engineering along with Prof. Vikas Kumar, Associate Professor were present on 10th April 2024 during the visit. Mr. Ashish Gupta, Substation In charge and Mr. Jayant Bisht, Maintenance Engineer were the expert who guided the students throughout the visit. Students were divided in two groups and they were taken to various areas such as switch yard, Central control room by the experts. Students learnt many concepts in industrial aspects.





Name of Editor-Prof Vivek Rai

Name of students- Sijo Mathew,

Shreya Shukla