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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.

Training of Trainers (TOT) Program jointly organized by the Department of Electrical & Electronic Engineering in collaboration with Skill India. Focused on Programmable Logic Controller (PLC), this program is designed to elevate the skills of trainers in the realm of Electrical Engineering.

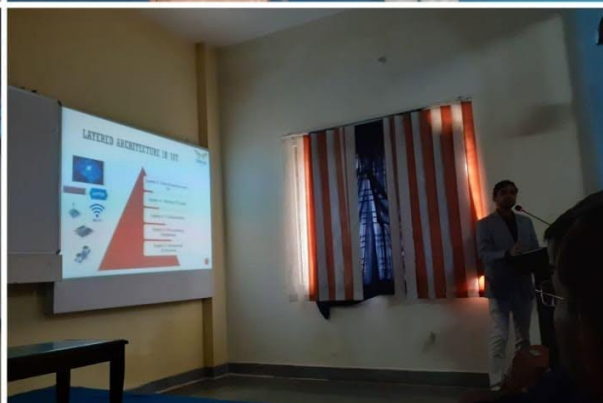
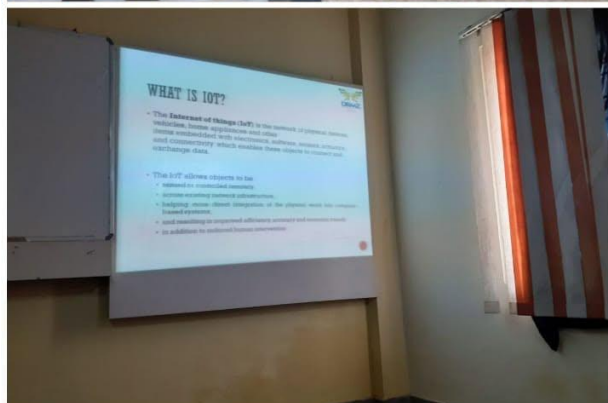


Schneider Electric Innovation Yatra at Bansal one.

Students of Electrical and Electronics Engineering of III sem LNCT Group of Colleges visited Schneider Electric Innovation Yatra at Bansal one, ground floor. This carbon neutral yatra will travel to 60+ cities in India, aiming to highlight Schneider Electric's 60-year journey in the country and the continued commitment to support nation building by imparting knowledge around advancements in IoT, Electricity 4.0, Digitization & Sustainability within the Energy management and NextGen automation space.



An expert lecture organized on Introduction to IOT for First sem EX students



An industrial visit organized for 3rd Electrical & Electronics engineering branch students at Andritz Hydro Pvt. Ltd. In this visit our students has learned about manufacturing process of generators, excitation, automation, control, and protection systems.



Industrial Visit to 765/400 kV Substation, IndiGrid Bhopal

An Industrial Visit was organized for the V Semester students of the Electrical & Electronics Engineering branch at the 765/400 kV Substation, IndiGrid, Bhopal. During the visit, students gained practical insights into the working of a substation, the functioning of the control unit and its coordination with other substations across the country, as well as the identification and rectification of faults in power lines across the PAN India power network. The switchyard visits familiarized students with the live working and installation of various electrical components, including power transformers, circuit breakers, lightning arrestors, busbar systems, earthing pits, and other essential substation equipment.



Name of Editor-Prof Vivek Rai

Name of students- Aditya Kumar Singh,

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