

Department of Electrical & Electronics Engineering

Talks/Lectures/Seminars – Activities

A Workshop on Industrial Automation and Control was held on 11 May 2026, at the Electrical and Electronics Engineering Department, LNCT Bhopal. The workshop was conducted by Er. Harshit Shukla, Automation Engineer, Arist Automation. He provided students with hands-on experience in topics such as VFD motors, control panels, SMPS, SCADA, HMI, and PLC.

The workshop aimed to provide 2nd-year students with valuable insights and practical knowledge in Electrical Engineering.



Department of Electrical & Electronics Engineering



Industrial Visit to Andritz Hydro, Mandideep 06 DECEMBER 2025

Lakshmi Narain College of Technology, Bhopal has organized an industrial visit on 06 December 2025 to ANDRITZ HYDRO, MANDIDEEP for the students of Electrical & Electronics Engineering III semester. The Industrial Visit of students was flagged off by Director Administration Dr. Ashok Kumar Rai. He also interacted with the students participating in the Visit.

It is noteworthy that 'Andritz Hydro' is a reputed and since 150 years company working in the field of hydro power generators development, working on automation, turbo generators etc.

During the visit, the students learned in detail about the working systems of various departments of 'Andritz Hydro' like bar & coil shop, assembly shop and poles & consolidation shop etc. In the interactive session, company officials Mr. Sitaram Birla, Assistant General Manager, Assembly Shop operation and Mr. Hansraj Singh, Manager, Pole shop operations discussed in detail the profile of 'Andritz Hydro' and different shops of plant.

Department of Electrical & Electronics Engineering



Students of the 3rd year of Electrical & Electronics Engineering and Electrical Engineering at LNCT Bhopal visited the Central Power Research Institute (CPRI), Govindpura, Bhopal, on 20 November 2025. The visit provided students with valuable practical exposure to power-system testing, research, and electrical equipment.

During the visit, experts Mr. Himanshu Roy (Joint Director, Station 2) and Mr. Prabhanshu Jain (Engineering Officer Grade 1) guided the students through the Tower Testing Station, Structural Material Testing Laboratory, and Vibration Laboratory, explaining various concepts and addressing students' queries.

The visit was accompanied by Dr. Sujeet Kumar Soni and Prof. Shriyansh Jain and offered an enriching and memorable learning experience, bridging the gap between classroom knowledge and industrial practices.

Department of Electrical & Electronics Engineering



A workshop on “Control Panel and VFD Motors” was organized on 06 October 2025 by the Department of Electrical & Electronics Engineering, LNCT Bhopal. The workshop was conducted by Er. Shanu Kumar, Automation Engineer, Arist Automation, Bhopal, who provided students with practical, hands-on exposure to VFD motors, starters, control panels, SMPS, SCADA, HMI, and PLC systems.

The workshop benefited 55 third-year students and faculty members by enhancing their practical understanding of industrial automation and electrical systems.



Department of Electrical & Electronics Engineering



Students of the 2nd year in Electrical & Electronics Engineering and Electrical Engineering at LNCT Bhopal visited HEG Ltd. (Hindustan Electro-Graphites Ltd.), Mandideep, Bhopal, on 16 June 2025. The visit provided students with valuable industrial exposure to the manufacturing processes and operations of one of India's leading graphite electrode manufacturers.

During the visit, Mr. Pankaj Mahavar, Executive Officer, HEG, and Ms. S. Sangeeta, Officer, HEG, guided the students and explained various aspects of the plant. Before the plant visit, students attended a session in the seminar hall where the complete plant operations and working processes were explained through an informative video presentation.



Students of 2nd-year Electrical & Electronics Engineering and Electrical Engineering, LNCT Bhopal, visited the Bhopal Dhule Transmission Company Limited (BDTCL) 765/400 kV Substation at Sukhi Sewaniya, Bhopal, on 15 January 2025.

The visit provided students with valuable practical exposure to power transmission and substation operations. Experts Mr. Ashish Gupta, Mr. Deepak Kori, and Mr. Hrishikesh Mane guided the students through the switchyard and central control room, explaining various industrial concepts and addressing their queries. The visit was an enriching and memorable learning experience, bridging the gap between theoretical knowledge and practical applications.