

NEWSLETTER

JAN – JUNE 2026

LAKSHMI NARAIN COLLEGE OF TECHNOLOGY

BHOPAL (M.P.)

DEPARTMENT OF
MECHANICAL ENGINEERING



ACHIEVEMENTS & ACTIVITIES
Session 2025-2026



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1	Debate Competition on "India's Preparedness to Face Industrial Disasters like the Bhopal Gas Tragedy"
2	Intellectual Property Rights (IPR) Awareness Program
3	Space Quiz Competition and a Technical Seminar on Space Exploration and Innovation.
4	Expert Talk on the future of Renewable Energy by Dr. Prashant Baredar, Professor at MANIT Bhopal
5	Expert Lecture on "Career after B.Tech" by Dr. Shankar Kumar, Professor & Head of the Department of Mechanical Engineering
6	Expert Lecture on "Mechanical Engineering education in India : Outcome Based Education (OBE)" by Dr. Vipin Kumar Tripathi, Professor & Head, Mechanical Dept, NITTTR Bhopal
7	Mechanical Engineering Faculty Dr. Ranjan Chaturvedi Physically Presented Smart Materials Research at 22nd European Conference on Composite Materials ECCM22, Oslo, Norway
8	Mr. Sachchida Nand, faculty member of the Department of Mechanical Engineering, LNCT Bhopal, participated in a session organized by the MHRD Innovation Cell
9	ATAT Faculty Development Program
10	Faculty Patents (Combined)
11	Faculty Articles (Combined)
12	Industry Visit to Manjeet Industries for the 3rd semester students
13	Industry Visit to CFMTTI, Budni for the 4th semester students
14	Industry Visit to DaulatRam Engineering, Raisen for the 3rd semester students
15	Industry Visit to C.J Gelatin Factory, Mandideep for the 3rd semester students
16	Students and Faculty attended ISHRAE Workshop at Hotel Amer, Bhopal
17	ISHRAE Charter of the ISHARE Student Chapter
18	ISHRAE Seminar on Sustainability at LNCT
19	NPTEL achievements (Combined)
20	Students Achievement RGPV State Judo Men's Tournament

EXPERT TALKS

Expert Lecture by Dr. Vipin Kumar Tripathi,
Professor & Head, Mechanical Dept, NITTTR Bhopal



Mechanical Engineering Dept, LNCT Bhopal organized a Faculty Interaction & Expert Lecture.

- Speaker:** Dr. Vipin Kumar Tripathi, Professor & Head, Mechanical Dept, NITTTR Bhopal
- Topic:** Mechanical Engineering education in new education scenario of the country : Outcome Based Education (OBE)
- Venue:** ML Schroff Seminar Hall, F-08 LNCP (date : 20/06/2026)
- Audience:** Faculty Members & Research Scholars

Dr. Tripathi shared insights on NEP-aligned curriculum, skill-based learning & industry-academia collaboration to prepare students for future industry needs.

CONFERENCES ATTENDED

Mechanical Engineering Faculty Physically Presented Smart Materials Research at ECCM22, Norway, Northern Europe.*

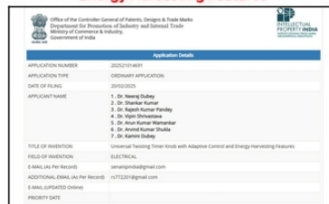


- LNCT Bhopal gained international recognition as Dr. Ranjan Chaturvedi, Assistant Professor, Mechanical Engineering, physically presented his research at ECCM22 in Oslo, Norway, from 21-25 June 2026.
- ECCM, organized biennially since 1985 by the European Society for Composite Materials, is a premier global forum for composite research. The 2026 edition, hosted by NTNU, drew delegates from 49 countries. India had 35 presenters, mostly from IITs, IISc, and NITs, with limited private institute participation.
- Dr. Chaturvedi's paper, "Electro-Responsive Stiffness Modulation in an Epoxy-Based Hybrid Composite Reinforced with Polypyrrole-Coated Cotton Textiles," received appreciation from global experts. The presentation boosted LNCT's international visibility and opened avenues for collaboration.

RESEARCH ARTICLES & PATENTS

The Department of Mechanical Engineering is thrilled to congratulate our esteemed faculty members, Dr. Neeraj Dubey, Dr. Shankar Kumar, Dr. Rajesh Kumar Pandey, Dr. Vipin Shrivastava, Dr. Arun Wamankar, and Dr. Arvind Kumar Shukla, on the successful publication of their utility patent.

"Universal Twisting Timer Knob with Adaptive Control and Energy Harvesting Features"



This outstanding achievement is a shining testament to our Institute's unwavering commitment to innovation, excellence, and intellectual curiosity. It brings us one step closer to realizing our vision of being a premier institution.

RESEARCH ARTICLES & PATENTS (Contd.)

Department Achievement: Utility Patent Publication

We are delighted to announce the successful publication of a Utility Patent titled:

"An Improved Self-Lubricating Gear System for High-Speed Power Transmission"

Application No.: 202521069670 A
Date of Publication: 01/08/2025

Filed under the name of
Lakshmi Narain College of Technology, Bhopal

Congratulations to the Inventors:

- Mr. Sachchida Nand
- Dr. Rajeev Shrivastava
- Mr. Arun Kumar Wamankar
- Mr. Vivek Kumar Pundhir
- Mr. Arvind Kumar Shukla
- Ms. Neetu Singh
- Mr. Manees Kumar Dubey
- Mr. Vikas Pare
- Mr. Shashikant Kushwah



INDUSTRY VISITS

Industrial Visit of 4th Semester Mechanical Engineering Students to CFMTTI, Budni, Raisen District (M.P.)



OTHER ACTIVITIES & ACHIEVEMENTS

Students and Faculty attended ISHRAE Workshop at Hotel Amer, Bhopal



ISHRAE Charter of the ISHARE Student Chapter



ISHRAE Seminar on Sustainability at LNCT



NPTEL achievements (Combined)



Students Achievement RGPV State Judo Tournament

