



THE LNM INSTITUTE OF INFORMATION TECHNOLOGY, JAIPUR

(Deemed University - UGC Approved)

Awarded 'A' Grade by NAAC

A joint venture by Lakshmi-Usha Mittal Foundation and Govt. of Rajasthan

Department of Mechanical-Mechatronics Engineering

Open advertisement for Professor/Associate Professor/Assistant Professor faculty positions

The Institute

Founded in 2002, The LNM Institute of Information Technology (LNMIIT), has been a Centre of Learning and Research as a leading institution of higher learning (under the De Novo category) in the State of Rajasthan, created by the combined vision and financial support (in Public Private Partnership (PPP) mode) by the Government of Rajasthan and the Lakshmi and Usha Mittal (LUM) Foundation.

Department Highlights

The Department of Mechanical-Mechatronics Engineering (MME) was established in 2013. Currently, the Department has more than 200 students, 09 faculty members, and a total of 15 researchers. Within the programs of B. Tech. and Ph.D., the major thrust areas of teaching and research are Materials and Energy Studies, Robotics and Industrial Automation, Advanced Manufacturing process, Reliability and Maintenance, and Green Production Strategies.

The Department is highly committed to increasing and expanding, within a short period, the number of faculty members, the number of researchers, and the number of students, besides fostering research diversity and enhanced opportunities for research collaboration within the country and abroad. A few main service benefits to faculty are listed below:

- Academic freedom and strong research support mechanisms
- Diversity and interdisciplinarity
- Innovative curriculum with built-in flexibility
- Attractive pay package and other service benefits
- Medical Insurance to employees and their family members

Research Facilities

The institute focuses on the research through its interdisciplinary research centers. As a faculty member of the MME department, the existing faculty members are leading and participating in the following research centers:

- **Centre for Energy and Environmental Studies (CEES):** Lead by Dr. Kamal Kishore Khatri and supported by Dr. Vikram Sharma, Dr. Sandesh Chougule, the centre focuses on sustainable innovation- enablement and technology- based opportunity creation initiatives having potential to enable early as well as long term benefits to campus, society and the nation in the field of sustainable energy and environment.
- **LNMIIT- Centre for Robotics and Artificial Intelligence (L-CRAI):** Lead by Dr. Mohit Makkar, the

centre was created as part of its select focused sustainable innovation-enablement and technology-based opportunity creation initiatives having the potential to enable early, as well as long-term benefits to the campus, society and the nation.

Apart from the state-of-the-art research centers, the department also has research groups in the following areas:

- **Design group:** 3 Faculty members involved
- **Thermal and Fluid Group:** 2 faculty members involved
- **Manufacturing:** 2 faculty members involved
- **Robotics:** 1 faculty involved
- **Industrial Engineering:** 1 faculty involved

The department also has all the physical labs for UG and PhD courses that are updated with the latest software and hardware components. The labs available in the department are:

- Mechatronics Lab.
- Mechanical Workshop
- Computer Integrated Manufacturing Lab.
- KOM & DOM Lab.
- Heat Transfer Laboratory
- Internal Combustion Engine Laboratory
- Hydraulics Lab.
- Projects Lab.
- Automotive Engineering Lab.
- Robotics & Industrial Automation lab.
- CAD Lab.
- Engineering Graphics Lab.
- Material Characterization Lab.
- Thermodynamics Lab.
- Measurement, Instrumentation and Control Lab.

Faculty recruitment @ MME_ LNMIIT

The Department is actively looking to recruit both regular and contractual faculty with expertise in different segments of Research and Development in Mechatronics, Robotics and Industrial Automation specially in next generation systems to support long-term sustained growth for bringing innovation and best practices in student-centric training. The following faculty categories are our desired choices:

A) Regular/ Contractual Faculty Positions as Professor / Adjunct Professor / Visiting Professor / Research Professor / Distinguished Professor / Emeritus Professor

The Department of MME is interested to get into its fold highly experienced scholastic personalities either from academia or from Industry (e.g., superannuated but energetic and physically fit professors from premier institutes like IITs / IISc / TIFR / ISI / IISERs, etc. or highly experienced technical experts from Industry). The faculty is expected to have good research record and background in the following areas:

1. Modeling and Development of Mechatronic, Robotic and Automation systems,
2. Simulation and Design of Control systems of Mechatronic, Robotic and Automation systems,
3. Application of Artificial Intelligence and Machine/Deep learning in Mechatronic, Robotic and Automation systems

The faculty will steer frontier research, to bring an industry perspective to teaching-learning and research projects in the domain of Mechatronics, Robotics and Industrial Automation and will also mentor young faculty by serving as an effective interface to researchers/faculty and UG/PhD students for academic upliftment. In such cases, the interested person may directly contact the HoD of MME, or Dean of Faculty Affairs, or the Director of LNMIIT for sharing initial interest and sending a CV.

Possibilities also exist for the younger (between 45-65 yrs.) but accomplished senior experts from Industry having decent experience in above mentioned areas to have contractual positions of up to five years (further renewable based on performance and need) as Industry Professor, subject to a formal process through the Faculty Search Committee and subsequent approval at the appropriate level. In this case, too, the interested person may directly contact the HoD of MME, or Dean of Faculty Affairs, or the Director of LNMIIT for sharing initial interest and sending a CV.

B) Regular/ Contractual Faculty Positions at other levels (Assistant Professors and Associate Professors)

In addition to faculty members cited in category A) above, the Department of MME is also equally aspiring for bright, motivated and highly accomplished Ph.D. candidates with a passion for teaching and having the potential for high-impact research. The faculty is expected to have expertise in the following areas:

1. Various programming languages like Python, Matlab, LabView etc. applied on Mechatronic, Robotic and Automation systems.
2. Design and Analysis of various application oriented Mechatronic/Robotic and Automation systems on CAD, Solid works, Ansys.
3. PLC, SCADA, and CNC programming languages for control and automation of Mechatronic/ Industrial setups.

C) Exceptional candidates in other areas are also encouraged to apply.

Those who have the confidence and real intent in building an enviable academic career are encouraged to please visit https://www.lnmiit.ac.in/Department/MME/MME_home.html for more information.

Why work @ LNMIIT Jaipur	
• Good research atmosphere with highly qualified and energetic faculty members	• Annual Research Grant to each faculty member from Institute funds
• Pay package comparable to that at Central Government Funded Institutes	• Well defined merit-based promotion schemes
• Academic freedom to pursue research in one's area of interest	• Institute supported medical insurance to employees and their family members
• Full support for applying for external research funds	• Moderate teaching load
• Casual Leave and Earned Leave benefits, and Maternity/Paternity benefits	• Excellent infrastructural facilities

Contact us if you are interested in building your career with a highly prestigious institute where your peers will all be highly-accomplished individuals and where you will be mentored by colleagues truly interested in your career growth.

We look forward to hearing from you.

Visit https://www.lnmiit.ac.in/uploaded_files/Eligibility_for_various_faculty_positions.pdf for more information.

For any queries:

Email: hodme@lnmiit.ac.in

To apply:

<https://www.lnmiit.ac.in/faculty-recruitment.html>