

The LNM Institute of Information Technology (The LNMIIT), Jaipur

(Deemed-to-be-University u/s 3 of UGC Act, 1956)

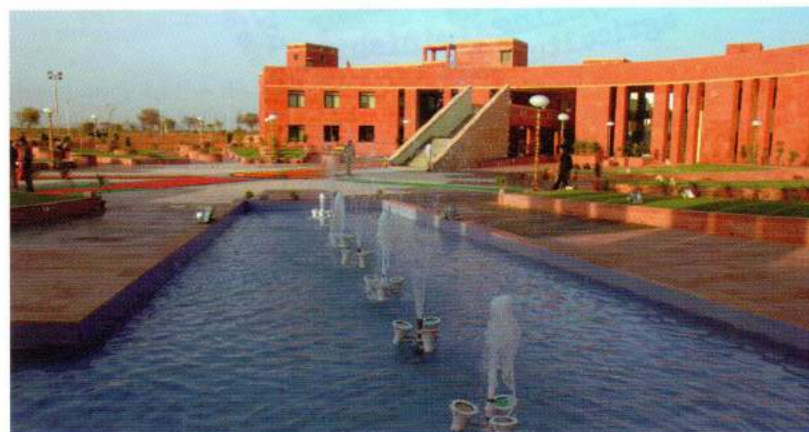
Located in a serene environment at the foothills of Aravali range in Jaipur, the LNM Institute of Information Technology has emerged as a premier institute in the field of technical education in a short span of a decade long existence, with its distinct focus on perceptive engagement with best academic practices, innovations through research, and a commitment to social engagement and ethical values.

The LNM Institute of Information Technology (LNMIIT), a not-for-profit Public-Private Partnership (PPP) venture by the Lakshmi & Usha Mittal Foundation and the Government of Rajasthan, is a unique experiment in the academic realm of technology as it brings closer both industry and academia. This is achieved through the incorporation of best academic and administrative practices. The Institute has flourished under the guidance of the well-known industrialist and steel baron, President and CEO of ArcelorMittal, Padma Vibhushan Mr. Lakshmi N. Mittal, who is also the Patron and Chairman of the Governing Council of LNMIIT. Other than him, the Governing Council of LNMIIT comprises of distinguished academicians from IITs, industry representatives including ArcelorMittal, and Rajasthan State Government secretaries.

'Deemed-to-be University' in the De-Novo category, LNMIIT, is a fully-residential campus and is spread over 100-acres of land on the outskirts of Jaipur city. It presently houses more than 1100 undergraduate and postgraduate students.

LNMIIT offers four years undergraduate programmes (B. Tech. and B. Tech. (Hons)), five-years B. Tech.-M. Tech. (dual degree) programmes, two years postgraduate programmes (M. Tech., M. S.)

and Ph. D. programmes in Computer and Communication Engineering (CCE), Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE). M. Tech. programmes are offered with specializations in Data Analytics and Software Engineering in CSE, and Mobile Communication in ECE. Apart from this, Ph. D. programmes are



also offered in the disciplines of Physics, Mathematics, and Humanities and Social Sciences.

Keeping in view the changing industrial scenario of the Rajasthan state with the expected enhancement in manufacturing sector on account of Delhi-Mumbai-Industrial-Corridor (DMIC) and new industrial townships on Delhi-Jaipur highway, and the current government's thrust on building up the manufacturing sector LNMIIT is offering a four years B. Tech. programme and a Ph.D. programme in Mechanical - Mechatronics Engineering and will be starting a B. Tech. programme in Mechanical Engineering from July 2015. A postgraduate programme (M.Sc.) will also be started in Applicable Mathematics from the coming session.

Admissions in LNMIIT are purely on merit basis and there is no management quota. For B. Tech. programmes the admissions are based on Physics, Chemistry and Mathematics score of Joint Entrance Examination (JEE) – Main. For postgraduate (M. Tech. and M. S.) and Ph. D. programmes, LNMIIT conducts its own entrance examinations. LNMIIT offers

teaching assistance/ scholarship to its GATE/NET (UGC/CSIR) qualified M. Tech. students and Ph. D. scholars.

Industry Collaborations and Labs

- **Microsoft Student Technical Services Programme (MSTSP):** LNMIIT is a partner school to Microsoft's GTSC's MSTSP programme which offers LNMIIT students weekly technical talks delivered by Microsoft professionals. The process of setting up Microsoft Lab at LNMIIT is in implementation phase.
- **Association with IBM-India:** With this collaboration, LNMIIT is launching new courses with specialization in Big Data Analytics, Cloud Computing and Mobile applications using IBM software and technology.

- **Texas Instruments Embedded Systems Lab:** The lab offers students hands-on experience in the application of TI technologies.
- **High Performance Computing facility:** LNMIIT has installed HPC machine from Hewlett-Packard to help academic researchers
- **National Instruments (NI) Lab:** NI software and hardware technologies have been acquired for Mechanical-Mechatronics Engineering.
- **Design, Control and Simulation of Mechanical and Mechatronics Systems:** Mechanical-Mechatronics department is using state-of-the-art software like ANSYS FLUENT, MATLAB SIMULINK, VIRAIL, MSC ADAMS, ROBO ANALYZER etc. for design, control and simulation of Mechanical and Mechatronics Systems.
- **Physics Research Labs:** Research labs in the areas of Third generation solar cells, Spintronic devices, Diluted magnetic semiconductors (DMS) and magnetic nano particles, Solid oxide fuel cells and Hydrogen energy storage.

Research Projects:

- **ITRA Project:** Mobile broadband service support over cognitive radio network funded by Ministry of Communications and IT, Govt. of India (MCIT).
- Similar projects funded by DST, CSIR, UGC and ICSSR.
- **Workshops and conferences organized in 2014-15:** Workshop on Modeling, Simulation and Computational Techniques. Thirty invited speakers from premier institutions in India and abroad deliberated upon contemporary research in the areas of the workshop across various disciplines and technical paper presentation by research scholars.
- **Advanced Workshop on Hyperbolic PDEs:** Theory, Numeric & Applications (HPTNA-2014). Around 40 Research Scholars from institutions including IITs and NITs participated.
- Conference on Partial Differential Equations (CPDE-2014) attended by more than 50 participants.
Collaborations, Placements, Higher Education, Internships (Representative

data):

- Alumni of LNMIIT are placed at institutions like Amazon, Microsoft, Samsung, Mindtree, Capgemini, DeShaw, Ericsson, Patni Computers, TechMahindra, Future First, RBS, Sapient, Cognizant, HelpShift, Flipkart, TCS, Indian Army, Indian Air Force, HPCL-Mittal Energy Limited (HMEL) and ArcelorMittal.
- A good number of students are pursuing higher studies at various IITs and IIMs in India and various institutions abroad like INRIA (France), New York University (USA), Technical University Darmstadt (Germany), National Technological University (Singapore) and University of Brisbane (Australia).
- A good number of LNMIIT alumni are first generation entrepreneurs, as well.
- LNMIIT students have been doing their summer internships in a number of foreign institutions. Some of the institutions which need special mention are: CERN, Switzerland; University of Manitoba, Canada; UAB, Spain; Western Michigan University, USA; INRIA, France; University of Cassino, Italy; ICCL Lab, CPU, Taiwan; Polytechnic University, New York, USA; University of Warwick, UK; CBIA, Brno, Czech Republic; SUT, Thailand.
- **ArcelorMittal Steel Plant at Kazakhstan** has invariably been facilitating summer internships for a number of students every year.
- In India, LNMIIT students have been doing their summer internships in different companies like TCS, CISCO, Microsoft, Ericsson, etc. and institutions like IITs, IISc Bangalore, IIIT Hyderabad, IIIT Delhi, and BITS Pilani.
- LNMIIT facilitates student exchange programmes, under which students get an opportunity to spend a semester at premier institutions like Knoesis Centre, Ohio State University, USA; IIIT Hyderabad, IIT Gandhinagar, and IIT Delhi.
- LNMIIT has active academic and research association with Kristianstad University, Sweden, Joseph Fourier University, France, University of Nebraska, Lincoln; Aalborg University,

Denmark; University of Pisa, Italy; University of Reggio, Calabria, Italy; NTU Singapore and University of Moscow.

Other Salient features:

- Excellent faculty student ratio (approximately 1:20), with most of the faculty members holding a Ph. D. degree from premier institutions in India and abroad.
- Flexible curriculum that reinforces a committed focus on fundamentals, through core courses, and the latest technological advancement, through a hoard of elective courses in the areas of technology, sciences, and humanities and social sciences.
- Central library with more than 15000 text and reference books, 1000 journal subscriptions, and other digital resources.
- Advanced laboratory facilities in the areas of wireless communication, data mining, image and signal processing, photonics communication, software engineering, microwaves and RF techniques, and nano-science.
- The Institute extends liberal financial support to both its faculty members and students to present their research at various national and international forums. Faculty members and scholars of LNMIIT have been publishing their research work in various reputed journals including IEEE and Science Citation Index (SCI) journals.
- LNMIIT has a wide range of high-quality sports facilities including squash court, indoor badminton courts, basketball courts, football ground, cricket ground, and a well-equipped student gymnasium.
LNMIIT is predominantly a residential campus. It has state-of-the-art classrooms and laboratories, and high speed internet with wi-fi facility. The air-cooled hostels (three for boys and one for girls) with a total capacity of 1300 plus students. LNMIIT ensures active participation of its students in various decision making processes, through its student body "Student Gymkhana." Its various technical, sports, and cultural and management festivals offer the students a chance to display their various talents including managerial and organizational skills. ■