

The LNM Institute of Information Technology Jaipur

(Deemed University)



Brochure

MARCH 2014



Preamble

Patron and the Chairman of the Governing Council (GC) of The LNM Institute of Information Technology (www.lnmiit.ac.in) is Padma Vibhushan Mr. Lakshmi Niwas Mittal. He is the President and CEO of ArcelorMittal which is one of the world's leading steel and mining companies with presence in more than 60 countries and with total revenue of approximately \$95 billion. Other members of the GC are distinguished academicians from IITs, industry representatives including ArcelorMittal, and Secretaries of Rajasthan State Government.

LNMIIT was founded in 2002 as a joint effort between Rajasthan State and Lakshmi and Usha Mittal Foundation's philanthropic initiative. With the emphasis on quality and rigor in education, the Institute began its first academic session in July 2003 and was granted Deemed University status by UGC in 2006 under the De-Novo category. The 100-acre green residential campus is located in a serene atmosphere on the outskirts of India's pink city, Jaipur. In the first decade, six undergraduate batches totaling approximately 600 students have graduated. Currently the total number of undergraduate students on the roll is 1170 and of graduate students is 59 and girls constituting more than 30% of total students.

The Institute offers four-year UG (B. Tech.), two-year PG (M. Tech., M. S.) and Ph. D. programs in the following disciplines:

Communication And Computer Engineering (CCE)

The CCE discipline was established in the year 2003, with the following objectives:

- To train engineers at UG and PG levels, capable of dealing with the fusion of electronic communication and computer science, a trend highly relevant to today's industry needs.
- To conduct research focusing on the fusion of multi-disciplinary skills employed in designing
- Modern computing devices with communication channels (e.g. collaborative software agents, sensor devices, etc.).
- Communication systems with advanced computer algorithms (e.g., optical and systems, wireless communication systems, satellite communication systems and their applications).

The CCE discipline is arguably the best career option on offer at LNMIIT, in terms of market needs and growth prospects. The discipline is ably supported by an excellent team of faculty members, many of them having extensive industry-based experience in the fusion of software and hardware technologies. The CCE lab facilities include the Electronics Lab, Analog Communication Lab, Programming Lab, Digital Communication Lab, DBMS Lab, and Computer Networks Lab, ECAD Lab, and Microwave and Optical Communication Lab.

Computer Science And Engineering (CSE)

The CSE discipline was established with the following objectives:

- To train engineers at UG and PG levels, equip them with the fundamental concepts and techniques of computing and applications, relevant to emerging technological advancements.
- To foster a learning environment that produces high quality computer professionals readily employable by the industry and research organisations.
- To conduct collaborative research focusing on emerging trends in domains like Software Engineering, Distributed and Cloud Computing, Data Mining, Data Warehousing and Multi-core Architecture.

The CSE discipline is supported by a team of faculty members having excellent research credentials as well as extensive industry experience. The lab facilities include Programming Lab, Digital Communication Lab, DBMS Lab, and Computer Networks Lab.

Electronics And Communication Engineering (ECE)

The ECE discipline was established with the following objectives:

- To train engineers at UG and PG levels, capable of dealing with real-life challenges in the electronics Industry and in the field of electronic communication.
- To conduct collaborative research focusing on modern communication systems (e.g., digital communication systems, optical communication systems, wireless communication systems, RF and Microwave systems, and satellite communication systems)

The ECE team is a fine blend of renowned as well as young and dynamic faculty members, having education and experience from renowned

institutions in India and abroad. Advanced courses and electives in later years enable students to specialise in communications, signal processing, robotics, VLSI, embedded systems, and other streams. The ECE department also offers specialized M.Tech. and Dual Degree programs in Communication Systems, Microelectronics, Microwave engineering and VLSI.

Mechanical-Mechatronics Engineering (MME)

The main objective of the Mechanical-Mechatronics engineering undergraduate program is to make positive, substantive, and lasting contributions to the lives of our students. A mechanical-mechatronics graduate will

- the have ability to deal with real life challenges in the field of Mechanical and Mechatronics industries and equip them with the fundamental concepts and techniques of Mechanical-Mechatronics applications, relevant to emerging technological advancements.
- become Mechanical-Mechatronics professionals readily employable by the industry and research organizations.
- be ready to conduct collaborative research focusing on emerging trends in domains like Computer aided manufacturing, Design engineering, Automation, Robotics etc.
- have the communication, leadership skills and an understanding of ethical choices in the engineering profession

Mechatronics is a multi-disciplinary branch involving technologies from mechanical, electrical, electronics and communication, computer science and control engineering. Second half of the previous century witnessed major changes in manufacturing where automation started playing a key role. Conventional manufacturing was replaced by NC-CNC machines, hydraulics, pneumatics etc. ensuring superior quality for large volume production with minimum rejection. Mechatronics has applications robotics, automotive sector, biomedical systems, defence and aerospace technology etc.

Doctor of Philosophy

Facilities for PG research leading to Ph. D. are available in all branches including : 1. Physics, 2. Mathematics, 3. Humanities and Social Sciences (HSS)

Governing Council

The Governing Council of LNMIIT Jaipur is the apex decision-making body of the Institute. It has an array of distinguished academicians, corporate magnates and bureaucrats as its members. The Governing Council is the mentoring energy of the Institute.

Chairman

Padma Vibhushan Mr. Lakshmi N. Mittal
President and CEO
ArcelorMittal

Members

Padma Bhushan
Mr. Narayanan Vaghul
Ex-Chairman, ICICI Bank Ltd.

Padma Shri
Prof. Ashok Jhunjhunwala
Professor, Indian Institute
of Technology, Madras

Mr. Vijay Kumar Bhatnagar
CEO
Arcelor Mittal India Ltd.

Mr. Rajiv Mehrishi, IAS
Chief Secretary
Government of Rajasthan

Mr. Subhash Chandra Garg, IAS
Principal Secretary - Finance
Government of Rajasthan

Mr. Rajeeva Swarup, IAS
Principal Secretary
Higher & Technical Education
Government of Rajasthan

Prof. Rajeev Sangal
Director
IIT (BHU)Varanasi

Prof. Arjun Dasgupta
UGC Nominee, Former Prof.
Dept. of Library & Information
University of Calcutta

Prof. Dheeraj Sanghi
Professor and Dean
(Academic Affairs)
Indian Institute of Technology
Kanpur

Dr. Manju Dhariwal
Dean, Academic,
LNMIIT

Prof. S. S. Gokhale
Director, LNMIIT
Member-Secretary

Vision of the Institute

To establish a world class platform for creation, dissemination and application of knowledge in the field of Information Technology through research, pedagogy and consultation, as well as to become an effective catalyst for technological and societal development of the country through interactions with industries and academia.

Objectives of the Institute

- To become a globally recognized Institute of Excellence in the field of Information Technology.
- To produce engineers of highest caliber who will become trendsetters in the profession.
- To develop synergy with other institutions.
- To exploit IT for societal development through application programmes.
- To become a resource center for multimedia content generation and distribution.
- To offer quality graduate programmes.
- To engage in application-oriented research and development activities.

Faculty

As on March 2014, total number of members of faculty (regular plus visiting) is 63. Most of them are with a Ph.D. degree and the remaining are pursuing. The recruitment of faculty is an on-going process.

Regular Faculty

Ajit Patel, Associate Professor
Head (Mathematics),
Ph.D., IIT Bombay
Research Areas: Numerical
Analysis, Computational Partial
Differential Equations, Finite
Element Methods, Finite Difference
Methods

Akhlaq Husain, Assistant
Professor, Ph.D., IIT Kanpur
Research Areas: PDE, Spectral
Element method and Parallel
Computing

<p>Amit Neogi, Assistant Professor Ph.D., IIT Kanpur <i>Research Areas:</i> Laser Plasma Interaction, Optics and Lasers, Biomedical Engineering</p>	<p>Anjishnu Sarkar, Assistant Professor, Ph.D., IIT Bombay <i>Research Areas:</i> Cosmology, Particle Physics, Supersymmetric model building</p>
<p>Anupam Singh, Professor & Head (Physics), Ph.D., Carnegie Mellon Univ., USA <i>Research Areas:</i> High Energy Physics and Cosmology</p>	<p>Bharavi Mishra, Assistant Professor, Ph.D. IIT (BHU), Varanasi <i>Research Areas:</i> Data Mining, Machine Learning & Soft Computing, Operating System</p>
<p>Dharmendra Dixit, Assistant Professor, M.Tech., IIT Guwahati <i>Research Area:</i> Performance Analysis of Digital Communication Systems in Generalized Fading Channels</p>	<p>Divyang R Rawal, Assistant Professor, Ph.D., DAIICT, Gandhinagar <i>Research Areas:</i> ICT, Signal Processing for Communication</p>
<p>Dinesh Khandelwal, Assistant Professor, M.E., IISc Bangalore <i>Research Area:</i> Machine Learning</p>	<p>Kamal Kishore Khatri, Associate Professor, Head (Mechanical Mechatronics), Ph.D., MNIT Jaipur <i>Research Areas:</i> Alternate fuels in IC Engines, Trigenation, Modeling and simulation of Thermal/Energy systems, Application of Nano fluids</p>
<p>Kapil Jainwal, Assistant Professor, M. Tech., IIT Bombay <i>Research Areas:</i> VLSI Design, EDA tools/Embedded Systems/Hardware-Software Coding, VLSI Technology and Fabrication</p>	<p>Kusum Lata, Assistant Professor Ph.D., CEDT, IISc., Bangalore, <i>Research Areas:</i> Analog and Mixed Signal Design, Modeling and Design of VLSI Circuits, Low Power and Circuit Design</p>
<p>Manish Kumar Singh, Assistant Professor, Ph.D., MNNIT, Allahabad <i>Research Areas:</i> Solid State Physics, Electronics, Nanomaterials, Laser ablation in liquids and Biosensors</p>	<p>Manish Garg, Assistant Professor Ph.D., IIT Roorkee <i>Research Areas:</i> Mathematics, Finite Field, Cryptography</p>

<p>Manju Dhariwal, Associate Professor, Dean (Academic), Ph.D., Univ. of Rajasthan <i>Research Areas:</i> English Language and Literature, Communication Theory</p>	<p>Manoj Kumar, Assistant Professor Ph.D., IIT Delhi, <i>Research Areas:</i> Production and Industrial Engineering, Welding Technology</p>
<p>Mohd. Tanveer, Assistant Professor, Ph.D., JNU, New Delhi <i>Research Areas:</i> Support Vector Machine, Fixed Point Theory & Its Applications</p>	<p>Mukesh Jadon, Assistant Professor M.S., The LNMIIT, Jaipur <i>Research Areas:</i> Data and Text Mining</p>
<p>Narendra Kumar, Assistant Professor, Ph.D., Univ. of Rajasthan <i>Research Areas:</i> Postcolonial Studies, Cultural Studies, Literatures of the Indian Subcontinent, Adaptation Studies</p>	<p>Neeraj Shrivastava, Assistant Professor, Ph.D. IIIT & M, Gwalior <i>Research Areas:</i> Wireless Communication, MIMO, OFDM, Diversity Techniques</p>
<p>Navneet Upadhyay, Assistant Professor, Ph.D., BITS Pilani <i>Research Area:</i> Speech Processing, Digital Communication</p>	<p>Pomita Ghoshal, Assistant Professor, Ph.D., HRI, Allahabad University <i>Research Areas:</i> Particle Physics</p>
<p>Poonam Gera, Assistant Professor Ph.D., IIT Roorkee <i>Research Areas:</i> Compiler Design, Algorithm, Ad hoc networks</p>	<p>Prabin Kumar Jha, Assistant Professor, M. Sc., University of Duisburg, Essen, Germany <i>Research Areas:</i> Automobile Engineering, Mechatronics Engineering</p>
<p>Pratibha Garg, Assistant Professor Ph.D., IIT Delhi <i>Research Areas:</i> Topological function space, Measure Theory</p>	<p>Preety Singh, Assistant Professor Ph.D., MNIT, Jaipur <i>Research Areas:</i> Image Processing, Biometrics</p>

<p>Purnendu Karmakar, Assistant Professor, M.Tech., IIT Kharagpur <i>Research Areas:</i> Wireless Communication, Computer Networks, Trust and Reputation in Virtual community and Social Network</p>	<p>Raghuvir Tomar, Professor Dean (Faculty Affairs) Ph.D., IIT Kanpur <i>Research Areas:</i> Electromagnetics, Radio Frequency and Microwaves, Antennas</p>
<p>Rajbala Singh, Associate Professor Head (HSS), Ph.D., IIT Kanpur <i>Research Areas:</i> Health Psychology, Positive Psychology, Organizational Behaviour</p>	<p>Rajbir Kaur, Assistant Professor Ph.D., MNIT, Jaipur <i>Research Areas:</i> Security in Mobile Ad Hoc Networks</p>
<p>Ranjan Gangopadhyay, Professor (Emeritus), Ph.D., IIT Kharagpur <i>Research Areas:</i> Photonics and Wireless Communication, Cognitive Radio</p>	<p>Rasmita Kar, Assistant Professor Ph.D., IIT Kanpur <i>Research Areas:</i> Different Equations, Nonlinear Elliptic Partial Differential Equations</p>
<p>Ratnadip Adhikari, Assistant Professor, Ph.D., JNU, New Delhi <i>Research Areas:</i> Data Mining, Linear Algebra, DBMS, Data Structures etc.</p>	<p>Ravi Prakash Gorthi, Professor and Head (CSE), Ph.D., IIT Madras <i>Research Areas:</i> Software, Performance Engineering, Mobile e-Commerce, Emotions Based Voice User Interface.</p>
<p>Sadanand Gokhale, Professor and Director, Ph.D., Univ. of Illinois, Urbana Champaign, USA <i>Research Areas:</i> Computational Fluid Dynamics, Aerospace Propulsion, Multimedia in Technical Education</p>	<p>Sanil Unnikrishnan, Assistant Professor, Ph.D., University of Delhi <i>Research Areas:</i> Cosmology, Dark Energy, Inflation etc.</p>
<p>Sandeep Saini, Assistant Professor M.S., IIIT Hyderabad <i>Research Areas:</i> VLSI Design, Microelectronics</p>	<p>Shanker Ganesh R, Assistant Professor M. Sc., Newcastle University, U.K. <i>Research Areas:</i> Mobile Robotics, Mechatronics</p>

<p>Smrity Dwivedi, Assistant Professor, Ph.D., IIT-BHU, Varanasi <i>Research Areas:</i> RF and Microwave Engineering</p>	<p>Somnath Biswas, Associate Professor, Dean (Students Affairs) Ph.D., IIT Kharagpur <i>Research Areas:</i> Spintronics, Nanomaterials, Fuel cells, Quantum Dots materials and Sensor device</p>
<p>Sonam Nahar, Assistant Professor M.Tech., DA-IICT, Gujarat <i>Research Areas:</i> Computer Vision, Image Processing, Machine Learning</p>	<p>Soumitra Debnath, Associate Professor, Head (ECE), Ph.D., IIT Kharagpur <i>Research Areas :</i> Optical Networks, Modeling and Simulation of Optical Devices an Components, Data Centric Networks, Queuing Theory</p>
<p>Subhayan Biswas, Associate Professor, Ph.D., IACS Kolkata <i>Research Areas:</i> Third Generation Solar Cells, Photocatalysis</p>	<p>Subrat Kumar Dash, Associate Professor, Dy. HOD (CSE), Ph.D., Univ. of Hyderabad <i>Research Areas:</i> System Security, Data Mining, Behaviour Modeling</p>
<p>Sunil Kumar, Assistant Professor M.Tech. ISM, Dhanbad <i>Research Areas:</i> Computer Networks, Sensor networks, Distributed systems, Multicore Systems, Digital Systems</p>	<p>Surindersingh Nehra Assistant Professor, Ph.D. University of Pune <i>Reseaech Areas:</i> Globalisation and Social Security</p>
<p>Usha Kanoongo, Assistant Professor, Ph.D., Univ. of Rajasthan <i>Research Areas:</i> ELT, Applied Linguistics</p>	<p>Vibhor Kant, Assistant Professor Ph.D., JNU, New Delhi <i>Research Areas:</i> Machine Learning</p>
<p>Vikas Bajpai, Assistant Professor M.S., The LNMIIT, Jaipur <i>Research Areas:</i> Software Requirements Engineering, Software Testing, Software Quality Assurance, Architecing Software</p>	<p>Vikas Gupta, Assistant Professor Ph.D., IIT Kanpur <i>Research Areas:</i> Numerical Solution of PDEs, Singularly Perturbed Problems, Layer Adaptive Meshes, Computational Fluid Dynamics</p>
<p>V. Raghvendra, Professor (Emeritus), Ph.D., IIT Kanpur <i>Research Areas:</i> Nonlinear Differential Equations, Analysis, Elliptic Equations, Integral Equations, Oscillation Theory</p>	

Visiting Faculty (Full Time)

<p>Ambika Pratap Singh Master of Financial Management (MBA), JBIMS, Mumbai <i>Research Areas:</i> International Finance, Developmental Economics</p>	<p>Beena Gokhale M.A., M.Ed., Univ. of Illinois, USA <i>Research Areas:</i> TESL, English Literature, Linguistics, Phonetics, Teaching Methodologies</p>
<p>Ravi Sharma M. Tech., IIT Kanpur <i>Research Areas:</i> Remote Sensing, GIS, LIDAR, GPS Signaling</p>	<p>Raju Jaitwar M.Tech., IIT Guwahati <i>Research Area:</i> Signal Processing</p>
<p>Surender Kumar Sharma M. Tech., IIT Roorkee <i>Research Areas:</i> Remote Sensing, GIS, 3D Modelling, Databases</p>	<p>Kshitiz Verma M.S., University Carlos III, Madrid, Spain <i>Research Areas:</i> Internet routing, Green networking</p>
<p>Abhishek Sharma Ph.D., University of Geneva, Italy <i>Research Areas :</i> Parallel computing for Single board computers</p>	

Visiting Faculty (Part Time)

<p>Arpi Majumder Ph.D., Jadavpur University, Kolkata</p>	<p>Dayanand Sharma B. Sc., P. G. Diploma in French, Univ. of Rajasthan, Diploma from Alliance Francais, A1, A2, B1</p>
<p>Rashmi Patni Ph.D., Ecole des Hautes Etudes en Sciences Sociales, Paris</p>	<p>Ranju Mehta M. Phil., Univ. of Rajasthan</p>
<p>C S Barla Ph. D., Michigan State University, USA</p>	

Teaching and Research

Broad areas of teaching and research are mobile computing, data mining, computer vision and image processing, software engineering, parallel computing, wireless communication, radio frequency circuit design, VLSI circuits and systems, system security, computer networks, space science and technology, control systems, nano-sciences, optical communication, signal processing, numerical techniques, cosmology, industrial psychology, computational techniques, material science, and studies in economics, psychology and English language & literature. The faculty has participated and contributed in well-reputed conferences and symposia, some of which are as follows:

- IEEE International Conference on Parallel, Distributed and Grid Computing
- IEEE International Conference on Microwaves, Communications, Antennas and Electronic Systems (IEEE COMCAS)
- IEEE International Conference on Microwave and Millimeter-Wave Technologies (IEEE ICMMT)
- International Conference on Software Engineering and Applications
- Asia-Pacific Software Engineering Conference
- Australian Software Engineering Conference
- International Symposium on Antenna Technology and Applied Electromagnetic (ANTEM) and The American Electromagnetic Conference (AMEREM)
- Advanced Electromagnetic Symposium (AES)

Research Collaborations

A significant portion of faculty has international exposure. Well-known international organizations which are connected to LNMIIT through joint research collaborations include NATEL Engineering Co. Inc. (California, U.S.A.), Scuola Superiore Sant'Anna (SSSUP, Italy), and CERN (Geneva). On a national level, joint research collaborations with NIIT University (Neemrana), Physics Research Lab (Ahmedabad) and VNIT (Nagpur) are

Workshops, Symposia and Conferences Organized in LNMIIT

Title of the event	Duration
International Workshop on Emerging Trends in Information Technology	February 14-15, 2014
Workshop on Elliptic Equations : Variational Formulations and Numerics (EEVFN) 2013	December 9-20, 2013
National Workshop on Computer Vision and Image Processing	September 8-9, 2012
Workshop on Antenna and RF Systems	March 24-25, 2012
Workshop on Next Generation W3C Web Technologies (Jointly Organized by W3C and LNMIIT)	February 12, 2012
Workshop on Proper Programming Process for Creating High Quality Programs	December 30-31, 2011
1st NEI Workshop on Design of CMOS Analog Circuits	December 19-29, 2011
DAE-BRNS High Energy Physics Symposium	December 13-18, 2010
XIII International Workshop on Advanced Computing and Analysis Techniques in Physics Research	February 22-27, 2010
Workshop on Nano-magnetism	February 06, 2010
National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG)	January 15-17, 2010
Workshop on COMMUNICATION: Its Varied Forms	November 14, 2009
Workshop on Nonlinear Dynamics and Chaos	October 10, 2009
Workshop on Matlab and Simulink	July 17-24, 2009
Workshop on Green Chemistry	April 25, 2009
Workshop on Recent Trends in Condensed Matter Physics	March 21, 2009
International Conference on Translation Studies: Theory and Practice	December 29-31, 2008

Wireless and Personal Media Communication Conference (WPMC)	December 03-06, 2007
International Conference on Mathematical Modeling and Computer Simulation	December 12-15, 2006

High Impact Factor Journal Publications by LNMIIT Faculty

IEEE Transactions on Microwave Theory and Techniques (T-MTT)
IEEE Transactions on Instrumentation and Measurements (T-I&M)
Journal of Applied Physics (American Institute of Physics)
IEEE Microwave Magazine
IEEE Journal of Selected Areas in Communications
IEEE Transactions in Mobile Computing
IEEE Transactions Vehicular Technology
IEEE Wireless Communications Magazine
Institute of Engineering and Technology (IET) Journal in Communications (UK)
Optical Fiber Technology, Elsevier
Journal of Mathematical Imaging and Vision, Springer
VLSI-D
APCCAS
TENCON
JOLPE
IEEE Trans. Wireless Communication
IEEE Wireless Communication Letters
IEEE Communication Letters
Psychological Studies, Springer
Numerical Methods for Partial Differential Equations (Wiley)
Journal of Applied Mathematics and Computing (Springer)
International Council for Industrial and Applied Mathematics (ICIAM)
International Congress of Mathematicians (ICM)

Journal of Computational and Applied Mathematics (Elsevier)
Journal of Mathematical Analysis and Applications (Elsevier)
Numerical Methods for Partial Differential Equations (Wiley)
Communications in Non-linear Science & Numerical Simulation (Elsevier)
The Physical Review
Nuclear Physics
Physics Letters
Astrophysical Journal Letters
Physics of Plasmas
Organic Electronics
Physical Review B
Applied Physics Letters
Electrochemical Communications
Physical Review D
Nuclear Physics B
Physics Letter B
Journal of Materials Chemistry, Royal Society of Chemistry (UK)
Science of Advanced Materials, American Scientific Publishers
Applied Physics Letter, American Institute of Physics
Chemical Physics Letter, Science Direct, Elsevier

Sanctioned Research and Development Projects during 2013

Dr. Akhlaq Husain	Rs.12 Lakhs 2013-2016	Least square non-conforming h-p Spectral Element methods for three dimensional elliptic problems on non-smooth domains using parallel computers : DST
Dr. Narendra Kumar	Rs. 8 Lakhs 2014-2016	Tracing the Faultlines of Ethnic Conflict in the Postcolonial Indian Subcontinent: Narrative as a Socio-Political Discourse : ICSSR

Dr. Ranjan Gangopadhyay	Rs.102.96 Lakhs 2013-2016	ITRA Project: Mobile Broadband Service Support over Cognitive Radio Network : MCIT
Dr. Somnath Biswas	Rs.13.56 Lakhs 2013-2016	Development of high hydrostatic pressure metal forms for hydrogen storage : DST
Dr. Subhayan Biswas	Rs.11 Lakhs 2013-2016	Development of Solar Cells Utilizing Quantum Dot sensitized Titanium Oxide Nanotube, CSIR

Infrastructure

The LNMIIT, spread over 100-acre green campus, is at par with the best technological institutions in the country in IT-enabled classrooms, well equipped laboratories, a rich central library and other modern amenities. Some of the key highlights of LNMIIT infrastructure are:

- **Academic Area:** Ten centrally air-cooled lecture halls fitted with multi-media projection facilities, Electronics Lab, Microwave and Optical Communication lab, Computer Labs, Communication Lab, Material science Lab, Physics Lab, CAD Lab, Graphics Lab, Video Conferencing Room and a Class Room equipped with virtual teaching learning aids
- An independent building for Mechanical-Mechatronics department is under construction and will be ready by May 2014.
- High speed internet, including Wi-Fi, in academic area and fibre connectivity in hostel rooms.
- **Central Library:** The library is automated through the software SOFTGRANTH. The total seating capacity of the library is 130 students. It contains more than 15000 text and reference books, 1000 journal subscriptions and other digital resources.
- **Accommodation:** Air-cooled hostels - one Girls' Hostel with 375 capacity, three Boys' Hostels with total 955 capacity.
- **Health Centre:** Medical facilities available at the Health Centre

include a Resident Doctor, a Resident Nurse, Emergency care, Physio-therapy unit, Ambulance Service, tie-up to a nearby advanced hospital for immediate referral/treatment. Frequent visits of specialized doctors are arranged. The institute facilitates a group medical insurance policy for all the students.

- **Students' Activity Centre:** Dance and Music studio, open air theatre, well equipped gymnasium with necessary coaching facility and Yoga.
- **Sports Facilities:** Wide range of high quality sports facilities including Indoor Squash Court, Indoor Badminton Courts, Basketball Court, Volleyball Court, Football ground, Cricket ground, Karate etc.
- A mini shopping complex
- State Bank ATM
- Institute buses plying between Jaipur city and the Campus, at regular intervals

Placements and Higher Studies

Organizations that have recruited our students include:

				
				
				
				
				
				
				
				
				

Placement Data for 2014 Graduating Batch

Batch Size	Registered for Placement	Total Offers	% Selected of Registered Candidates	Salary Package	Avg. Package
333	280	340	~ 95% (placement process is still on)	3 – 14 lakhs	> 4 lakhs
Visiting Companies / Pool Campuses / Pre-placement Offers					
Future First, TCS, AppPerfect, Sapient, IBM, Nagarro, Meditab, Indian Army, Indian Air Force, Indian Navy, Tech Mahindra, Qspear, Orange, Cognizant, BlackNGreen, Pyramid Cyber, Microsoft, Reinspire Tech, Compro Tech, Sopra India, Appirio, Startup Labs, Lucideus, Virtual Infocom, Teramatrix ...					

Note:

1. The placement statistics are as on 8th May 2014. There are a number of placement drives scheduled in the month of May, 2014.
2. A number of students are going to join Higher Studies in Science, Technology, and Management in India and Abroad.

Our alumni have pursued/are pursuing higher studies at:

IN INDIA

- IITs, IIMs, XLRI and other premium institutions.

ABROAD

- Aston University, Birmingham, UK
- Helmut Schmidt University/ University of the Federal Armed Forces, Hamburg, Germany
- RWTH Aachen University, Germany
- INRIA, France

- Technical University of Munich, Germany
- Technical University Darmstadt, Germany
- Polytechnic Institute of New York University, USA
- Waterford Institute of Technology, Ireland
- North Carolina University, USA
- Simon Fraser University, Vancouver, Canada
- Wright State University, USA
- ETSE-UAB, Spain
- Queensland University of Technology, Australia
- NTU, Singapore
- Deloitte Los Angeles, California, USA

And more...

Some of our alumni are also CEOs and first generation entrepreneurs who have started organisations like :

- Bigstep Technologies Pvt. Ltd.
- Codescape Consultants
- Neutrino IT Technologies (Pvt.) Ltd
- The Elite Express
- Enuke Software
- Lucideus and more

Research Collaborations, Student Exchange and Internship Opportunities at:

- National Technological University (NTU), Singapore
- Kristianstad University, Sweden
- Joseph Fourier University, France
- NATEL Engineering Co. Inc., California, USA
- Scuola Superiore Sant'Anna, Italy
- CERN (Geneva), Switzerland
- IIT, Mandi
- IIT, Delhi
- Moscow University
- IIT, Gandhinagar

And more...

Institute-sponsored and assisted Foreign Summer Internships at organizations like:

- ArcelorMittal (Kazakhstan)
- CERN (Geneva), Switzerland
- University of Manitoba, Canada
- Western Michigan University, USA
- Polytechnic University, New York, USA
- CBIA, Brno, Czech Republic
- CCL Lab, CPU, Taiwan
- 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 also offers Summer Internships to its undergraduate students and from 2014 it will be extended to other colleges in the neighborhood.
- New York University (USA)
- INRIA, France
- University of Cassino, Italy
- UAB, Spain
- NTU, Singapore
- University of Warwick, UK
- SUT, Thailand

Scholarship Policy

Scholarships worth Rs. 20 lacs are available, as per the institute norms, in the following two categories:

- A. Scholarships worth 25% to 100% of the tuition fee for meritorious applicants who have secured JEE (Advanced) All India Over all Ranks as follows :
 - (i) Girls: JEE (Advanced) All India Over all Rank 1-20000
 - (ii) Boys: JEE (Advanced) All India Over all Rank 1-15000
- B. Some scholarships for top rankers in LNMIIT merit list, as per the institute norms.

Note : Only one of the above will be awarded to an eligible applicant .

Student Assistance and Achievements during 2013

Summer Term Internships – both internal as well as external facilitate students to explore and broaden various options as well as enrich their professional competencies. Internal competition for the best projects challenges them and brings out the best in them. Two student spent two month summer internship in NTU Singapore.

Through student chapter of CSI and IEEE professional societies various expert lectures and arranged which are widely attended by students and faculty alike. To circumvent geographical location disadvantage, Institute has commissioned a virtual class room to cater to 200+ students.

In spite of the fact that The LNMIIT does not receive any financial assistance from Regulatory Bodies, Central or State Government Agencies, it provides assistantships to the PG students and research scholars on par with the one paid in IITs and NITs. Additionally The LNMIIT provides merit scholarships equivalent of 25% of tuition fee to a few UG students. Research at all levels is encouraged and towards that effect part financial support is provided for UG and PG students to present their research work in reputed conferences and workshops. During 2013 The LNMIIT supported 4 UG students and 10 PG scholars.

Students of our Institute participate in co and extracurricular activities at various places including IITs and NITs and deserving students receive encouragement and accolades from the peer group.

As a consequence of Institute' initiative two students would be spending their last 8th semester at Kristanstad University Sweden. The LNMIIT is entering in agreement with Le Fourier University in France for student exchange program.

Non-Teaching Staff

Abhijit Galav Project & Maintenance Manager	Ajeet Singh Rawat Assistant Registrar -General & Hostel Administration
Anjali Pathania Associate Warden	Arvind Gaur Junior Officer - Admn.
Bijoy Jha Registrar	CA. Ashok Kumar Salecha Finance Officer
Col. MJS Pathania (Retd.) Estate Manager & Training & Placement Officer-In-charge	Devaram Dewasi Finance Assistant

Dharm Pal Yadav Technical Assistant	Dinesh Chand Rajput Junior Engineer - Civil
Dr. Chand Singh Panwar Resident Doctor	Dr. Raghuvveer Singh Charan Sr. PTI
Giriraj Sharma Finance Assistant	Goutam Mukherjee Research-cum-Lab Engineer
Govind Chandwani Store Keeper	Hemant Gupta Technical Assistant
Kamta Sharma Lab Assistant	Laxmi Narayan Sharma Lab Assistant
Mahesh Chand Jatav Technical Assistant	Mukesh Kumar Sharma System Administrator
Mukesh Kumar Sharma Technical Assistant	Nahar Singh Nurse
Naresh Singh Caretaker-Boys Hostel	Pavan Kumar Sharma Technical Assistant
Praveen Jha Caretaker-Boys Hostel	Pushpa Devi Nurse
Parwez Ahmad Ansari Library Assistant	Raj Singh Solanki Library Assistant
Rajeev Saxena Assistant Registrar-Academic	Ram Swaroop Sharma Superintendent - Admin.
Raghuvveer Meena Office Boy	Samar Singh Assistant Registrar-Public Relations
Ramkishore Bunker Driver	Suni Thomas P.A. to the Director
Shweta Pandey Assistant Librarian	Vijay Kumar Yadav Driver
Virendra Kumar Mudgal Caretaker-Guest House	

Admissions to Undergraduate Programmes 2014

Admission Policy

Admissions to undergraduate program in LNMIIT will be through the following Channels:

1. JEE (Main) Mode	
Eligibility Criteria	<ul style="list-style-type: none"> • The applicant must be appearing for JEE (Main) 2014 conducted by Central Board of Secondary Education • The applicant must have secured at least: <ul style="list-style-type: none"> • 60% aggregate marks in Class 10th • 60% aggregate marks in class 12th • 60% aggregate in Physics, Chemistry and Mathematics in class 12th
Selection Procedure	The LNMIIT will draw a merit list only on the basis of Physics, Chemistry and Mathematics marks in JEE (Main) 2014 of only those applicants who apply to LNMIIT for admission and fulfill the eligibility criteria. The admission will be based on this merit list
2. Direct Admission	Only for the students of Rajasthan Board of Secondary Education (RBSE)
Eligibility	Boys with top 10 ranks and girls with top 20 ranks in the senior secondary exam (class 12th) conducted by the Rajasthan Board of Secondary Education (RBSE).
Selection Procedure	Any such applicants need to submit their applications as per the specified procedure, and need to submit the proof of their RBSE rank during counseling and registration.

<p>3. DASA (Direct Admission to Students from Abroad)</p>	<p>Only for Foreign Nationals/PIOs/NRIs</p>
<p>Residential Requirements</p>	<p>The applicant must be a Foreign National/ a Person of Indian Origin who have completed the qualifying examination in any country (including India) OR an Indian National studying abroad. In case of an Indian National, s/he must have completed her/his class 11th and 12th or equivalent from outside India.</p>
<p>Academic Eligibility</p>	<ul style="list-style-type: none"> • A minimum total valid score of 1440 in SAT Subject Tests (Subjects: Mathematics Level 2, Physics and Chemistry). • The applicant must have secured at least: • 60% aggregate marks in Class 10th • 60% aggregate marks in class 12th • 60% aggregate in Physics, Chemistry and Mathematics in class 12th
<p>Selection Procedure</p>	<p>LNMIIT will draw a merit list on the basis of SAT subject score of the applicants who apply to LNMIIT for admission and fulfill the eligibility criteria</p>



Fee Structure

1. For applicants admitted through JEE (Main) / Direct Admission mode:

One-time payment:

Cautions money	Rs. 10,000.00 (Refundable at the time of leaving the Institute)
Admission fee	Rs. 3,000.00 (Non-refundable)

Per-semester charges

Registration fee	Rs. 3,000.00
Tuition fee	Rs. 75,000.00
Hostel accommodation charges	Rs. 16,500.00
Mess establishment charges	Rs. 1,000.00
Building fund	Rs. 1,000.00

Advances adjustable on actual basis per semester:

Electricity, Bus and Internet charges	Rs. 6,500.00
Mess (food) advance	Rs. 12,500.00
Total	Rs. 1,28,500.00

Applicants are, therefore, required to pay Rs. 1,28,500/- to the Institute in the first semester at the time of admission.

2. For Applicants admitted through Foreign Nationals / NRI mode:

One-time payment:

Cautions money	Rs. 10,000.00 (Refundable at the time of leaving the Institute)
Admission fee	Rs. 3,000.00 (Non-refundable)

Annual Fee:

Tuition Fee	USD 7000.00
-------------	-------------

Per-semester Charges:

Registration fee	Rs. 3,000.00
------------------	--------------

Hostel accommodation charges	Rs. 16,500.00
Mess establishment charges	Rs. 1,000.00
Building fund	Rs. 1,000.00
Advances adjustable on actual basis per semester:	
Electricity, Bus and Internet charges	Rs. 6,500.00
Mess (food) advance	Rs. 12,500.00
Total	USD 7000.00 Plus Rs.53,500.00

Applicants are, therefore, required to pay tuition fee of USD 7,000/- (Fee for first year) and other charges amounting to Rs. 53,500/- (for first semester) at the time of admission to the Institute in the first semester.

The Governing Council of LNMIIT reviews the fees and other charges annually. There will be an annual increase of approximately 10% in fee and other charges.

The LNMIIT is a residential Institute. Therefore, staying in the Institute's hostel and joining the mess is compulsory for all the students. This condition may be relaxed in the following two cases:

- A. There is a shortage of accommodation due to increased intake or any other reason beyond control.
- B. If a student has a genuine reason to stay outside the campus. In this case the institute will take the final decision on case by case basis.

Important Dates, Counseling Procedure & Admission Withdrawal and Refund Rules

To have the updated information please visit our website:
www.lnmiit.ac.in/ugadmissions

Graduation requirements for B.Tech. Degree

To graduate in a B.Tech. Degree Programme a student must have:

- (a) earned minimum credits as stipulated in the curriculum for a particular discipline.
- (b) scored a minimum of 5.0 CGPA on a 10 point scale.
- (c) been enrolled for minimum 8 regular semesters (4 years) or maximum 12 regular semesters (6years) to complete the degree.

Students' Gymkhana

Students' Gymkhana is a self Governing democratic organization, elected by the students. The primary objective of this Gymkhana is to provide a forum to the students of the institute to

- (i) Organize extra- curricular activities such as sports, cultural and techno-management shows, and
- (ii) To actively participate in the academic policy committees. It is managed by the students themselves and through this they carry out various extra-curricular activities which essentially help them in their well-rounded development of personality. The Students' Gymkhana functions mainly through the Students' Senate and the Executive Councils, namely, the Presidential Council, the Science and Technology Council, the sports Council and the Cultural Council.

Science and Technology Council

The Science and Technology Council aims at stimulating the technical mindset of the students. This council brings out a technical journal ALMANAC which publishes the innovative ideas, research projects and technical papers.

The Council carries out its activities through the following clubs :

- **CYBROS** - It provides budding computer enthusiasts a platform to learn as well as showcase their talents in varied fields of computing such as (i) web designing, (ii) computer programming using Java and application development on mobile OS such as Android and (iii) use of tools like Photoshop and Flash. The club also organizes an inter university programming contest (IUPC).
- **PHOENIX** - It motivates the students in the fields of electronics, robotics and various other related technologies. The club has four sub-divisions viz. Robotics, Electronics, Embedded Systems and Quarks.
- **E-CELL** - It inculcates entrepreneurial spirit among the students. The cell is a formal member of the National Entrepreneurship Network (NEN).

- **INNOVATION CLUB** - The main objective of this club is to initiate and nurture the culture of innovation, from the ideation stage to technical feasibility, market analysis, incubation, business development and funding. Around 5 teams (students and faculty members) have started off this club this year. This club has strong tie up with TiE (The Indus Entrepreneurs) and NEN (National Entrepreneurship Network).
- **LITERARY COMMITTEE**- This is a forum that facilitates the exchange of views and ideas on current issues. The committee organizes debates, elocution, extempore speeches, essay competitions. It has three clubs, namely, Reading Club, Debate Club, and Creativity Club. It publishes the annual magazine Nth DEGREE, which covers the accomplishment of the students and showcases their ingenious literary talents.
- **ASTRONOMY CLUB**- The objectives of the club are:
 - To provide a media for students to know more about astronomy;
 - To foster students interest in astronomy;
 - To promote the general welfare and privileges of members.

Sports Council

The objective of the Sports Council is to organize and promote sports activities for the students. The LNMIIT Sports Council provides sports equipment and facilities in areas of Badminton, Football, Cricket, Athletics, Carom, Chess Table Tennis, Volleyball, and Basketball. It hosts events like LNMIIT Premiere league, LNMIIT Football League, LNMIIT Volleyball League, Inter-house cricket and badminton tournaments, friendly matches with other institutions throughout the year. It also has a Fitness Club that encourages students to work on their stamina and fitness levels. The Council encourages the students to perform at the State and National-level competitions. Recently, the students brought pride to LNMIIT by winning accolades at the state and regional level in Chess and Karate.

Cultural Council

The Cultural Council manages a plethora of events, workshops and club activities throughout the year. Its main objectives are to provide the students with an exposure and a platform to learn, enjoy, and showcase their talents in the fields of dance, drama, music, fashion, arts, social initiatives, health awareness programs, cleanliness and donation drives for the poor and the needy. The following Clubs/Committees constitute the council and are responsible for its effective functioning: Dance Club, Drama Club, Music Club, Fashion Club, Nukkad Club, Art and Craft Club, Photography and Design Club and Movie Club.

The following events organized by the Council to showcase the talents of the students of LNMIIT:

Rubaroo - Fresher's Night; Dance Premier League - Inter House Dance Competition; Gusto - Inter House Drama and Fashion Show Competition; Mellownge - Inter House Music Competition and War Of DJ's; and Nostalgia - Farewell Function

Some other Clubs at LNMIIT are:

- **Sankalp Club:** The club is committed to the pursuit of social welfare and self transformation. The club works towards helping the poor and the needy to improve their quality of life and education.
- **Nirog Club:** The club enlightens the students about maintaining hygiene and cleanliness inside as well as outside the campus and creates awareness regarding healthy lifestyles, anti- tobacco and anti-smoking drives. In the recent past, a number of blood-donation awareness campaigns, cleanliness and donation drives have been coordinated by this club

Inter-College Fests at LNMIIT

VIVACITY

"Vivacity" is the annual "Techno-Cultural-Management" festival of LNMIIT. Competitions encompassing the technical, cultural and managerial fields, celebrity performance, guest lectures and workshops,

define the basic framework of this festival. Vivacity is not just a platform to promote talent among the youth but it also aims to spread a very strong social message by means of various initiatives. It facilitates the students to showcase their organizational talent, to gain from cross-cultural learning experiences, to promote entrepreneurship, to provide a forum for sharing and exchange of knowledge and create a positive impact on society. Students from all over the country participate in this festival.

DESSPORTIVOS

Desportivos is the annual "Sports" fest of LNMIIT. It attracts a wide spectrum of the youth from all over the country and this year we had total footfall of over 5,000 students during the 3 days of the fest. The fest incorporated a wide range of outdoor as well as indoor sports activities like cricket, badminton, volleyball, basketball, football, table tennis, chess, and carom

PLINTH

PLINTH is the annual Techno-Management Literary fest of The LNMIIT. It is one of the exquisite platforms which help students plunge bring out the creativity skills. PLINTH organizes various events related to ROBOTIX, CYBERNETRIX, Literature and Business.



Looking Ahead

In the first decade, LNMIIT established expertise and competencies in the core area of IT and ITES in Under Graduate education which was the primary objective of setting up the Institute. In this decade Institute would explore newer areas that are relevant to the state and region. This would also be carried out in self-sustainable mode: both in terms of administration as well as finances.

Rajasthan is the largest state in India and it will be witnessing an enhanced industrial and manufacturing activity on account of Delhi-Mumbai-Industrial-Corridor. This project is partially funded by Japanese assistance to the tune of 10-billion USD. In a stretch of nearly 550-km that passes through the state, manufacturing units including auto ancillaries are likely to come up. Additionally, along Delhi-Jaipur highway, 3 townships are expected to come up. It is LNMIIT's endeavor to prepare high quality manpower to take up the challenging tasks. It is in this connection that LNMIIT has started a four-year UG programme in Mechanical-Mechatronics Engineering from 2013 academic year.

M. Tech. Programs will also have well marked specializations such as Data Analytics and Software Engineering in CSE and Mobile Communication in ECE.

In recent times, a few foreign universities have shown keen interest in having academic and research collaboration with our Institute and LNMIIT is pursuing these leads. The institute has successfully completed its first decade of existence. While consolidating UG education, in the second decade, the institute plans to focus on PG as well as academic and industrial research. The institute is now well poised to embark upon this next phase of growth.

(As on March, 2014)



How to Reach LNMIIT

NEW DELHI: Well connected with Road, Rail and Air

MUMBAI, CHENNAI & KOLKATA: Well connected with Rail and Air

Local Taxis are available on call in Jaipur from Airport/Bus Stand/Railway Station:

My Cab: 0141-500 00 00, Metro Cab:(0141) 42 44 444 or

Meri Car:(0141) 41 88 888, Merucab : (0141) 4422442



For further information, you may contact the following officials:

1. Prof. S.S. Gokhale, Director - director@lnmiit.ac.in
2. Dr. Manju Dhariwal, Dean (Academics) - manju@lnmiit.ac.in
3. Dr. Somnath Biswas, Dean (Students' Affairs) - somnath@lnmiit.ac.in
4. Prof. Raghuvir Tomar, Dean (Faculty Affairs) - rtomar@lnmiit.ac.in
5. Shri Bijoy Jha, Registrar - bjha@lnmiit.ac.in

The LNM Institute of Information Technology
(Deemed University)

Rupa ki Nangal, Post-Sumel, Via-Jamdoli, Jaipur-302031 (Raj.) India
Tel : +91-141-519 1791, 519 1792, 5189212 Fax : +91-141-518 9214
E-mail : ugadmissions@lnmiit.ac.in, Web : www.lnmiit.ac.in