Welcome to The LNMIIT - Jaipur; an excellent technical institute in the state of Rajasthan! This 12 year old institute has carved a niche in a short time as one of the premier institutes in the country. From a modest beginning in 2003 with focus on IT/ITES area, Communication and Computer Engineering, The LNMIIT has broadened its scope. This course is finding newer applications now in the era of Internet of Things (IoT). B.Tech. programmes in Electronics & Communication Engineering and Computer Science & Engineering were added in 2008. It has made rapid strides with recent introduction of B.Tech. Programmes in Mechanical and Mechatronics (which covers Robotics and Automation) Engineering. Master of Science Programmes in Physics and Mathematics are starting from the current academic year.

This is the first Deemed-to-be-University in Public-Private-Partnership mode with not-for-profit motto. The 100 acre campus was initially developed with assistance of LUM Foundation and the Rajasthan State Government. However, currently it operates with focus on financial sustainability. Admission in the institute is purely on merit basis through all-India competitive examination JEE - Main. There is no capitation fee or management quota. The online admission process is open and transparent ensuring quality of the incoming student. We offer Merit and Merit-cum-Means scholarships, and provide travel assistance for students to present their research work in conferences and seminars during their course of study.

Most of our faculty is with Ph.D from excellent institutions or universities from India and abroad and comes with vast teaching and research experience in Industry or academia. There are research groups in each department that formulate work in key and upcoming areas.

The LNMIIT has initiated industry tie-ups with MNCs such as IBM and Microsoft. We are proud to have state-of-the-art laboratory facilities from companies such as Texas Instrument, National Instruments and High Performance Computing platform from HP. These are supported by latest software. For value addition and employability, we facilitate our students with technical and soft-skills, and additional courses such as SAP and full semester internship.

Our student placement is in the range of about 90% and above with average salary of 4 lakh and maximum 25 lakh and above per annum. Quite a few students take up higher education in management and technology in India and abroad. For a young institute, our alumni have done us proud. One of them was recently listed in Forbes India in ‘30 under 30’ category. Another one is in tenure teaching position in George Mason University in USA.

As a mark of The LNMIIT’s achievements, we were ranked 3rd amongst the Private Universities and 26th amongst top engineering colleges - which included IITs and NITs by EDU-RAND last year. We have submitted our credential to UGC for NAAC and to NBA for NIRF and are waiting for the outcome.

We welcome you amidst us and assure to help and facilitate you in chalking out a unique career path for yourself.

Prof. Sadanand S. Gokhale
Director

Institute Brochure 2016-17
• 100 acres of lush green residential campus with world class academic, sports & healthcare facilities

• Recognised as the “University of the year” by Higher Education Review in 2015

• Ranked 3rd in Private University category and 26th amongst top 50 engineering institutions in the Country including IITs, NITs and IIITs by EDU-RAND in 2015

• Nearly 90% placement and highest package of 25 lacs for 2015 graduating batch

• Highly accomplished and research oriented faculty members possessing Ph.D. degrees from IITs and other premier institutes of India as well as abroad

• Alumni pursued/pursuing higher studies from IITs, IIMs, IIITs, XLRI in India and from abroad at Aston University, Birmingham, UK; RWTH Aachen University, Germany; INRIA, France; Technical University of Munich, Germany; Waterford Institute of Technology, Ireland; North Carolina University, USA; Queenslnad University of Technology, Australia; Simon Fraser University, Vancouver, Canada; NTU, Singapore; and more. Few noted achievements of our alumni:

  o Saket Modi: CEO of Lucideus Tech, an online cyber security company and selected in the Forbes ‘30 under 30’ list in 2016
  o Hemant Purohit: Working as an Assistant Professor of Information Sciences & Technology at George Mason University, Washington DC

• Industry oriented courses with co-branded laboratories from Microsoft, IBM, SAP etc.

• State-of-the-art laboratory facilities from National Instruments, Texas Instruments, HP etc.

• Merit as well as Merit-cum-Means scholarship for deserving students

• Funding support for students and faculty to present research papers in national and international conferences

• Full Semester Industrial Internship option for selected students
The Patron and the Chairman of the Governing Council (GC) of The LNM Institute of Information Technology (LNMIIT), Jaipur, 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. Other members of the GC are distinguished academicians from IITs, industry representatives including ArcelorMittal, and Secretaries of Rajasthan State Government.

The LNMIIT was founded in 2002 as a joint effort between Rajasthan State Government 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-to-be-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, eight undergraduate (UG) batches totaling approximately 1120 students have graduated. Currently, the total number of undergraduate students is 1265 (approximately) and that of post-graduate (PG) students is 52 (approximately). Girls constitute more than 30% of total students.
# Governing Council (GC)

The Governing Council of The 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 authority of the institute.

## Chairman

Mr. Lakshmi N. Mittal  
President and CEO, ArcelorMittal

## Members

<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Role</th>
</tr>
</thead>
</table>
| Mr. Prabh Das, Ex-IAS       | LUM Foundation  
                                 MD & CEO - HMEL                      |
| Prof. Arjun Dasgupta        | UGC Nominee  
                                 Former Professor  
                                 Department of Library & Information  
                                 University of Calcutta                |
| Prof. B. Ravi               | Academic Institution  
                                 Professor - Mechanical Engineering  
                                 Indian Institute of Technology Mumbai  
                                 IIT Bombay                             |
| Mr. V. Krishnan             | IT Industry  
                                 Talent Development Specialist  
                                 & Performance Consultant  
                                 (Former Head - Learning Shared Services,  
                                 HCL Technologies Limited)             |
| Shri Rajhans Upadhyay, IAS* | Additional Chief Secretary  
                                 Higher & Technical Education,  
                                 Government of Rajasthan             |
| Dr. Manju Dhariwal*         | Dean - Academic  
                                 The LNMIIT, Jaipur                    |
| Mr. Vijay Kumar Bhatnagar   | LUM Foundation  
                                 Ex-CEO, ArcelorMittal India Ltd.      |
| Prof. Pankaj Jalote         | Academic Institution  
                                 Director, Indraprastha Institute of Information Technology (IIIT) Delhi |
| Prof. S.C. Sahasrabudhe     | Academic Institution  
                                 Former Director, DAIICT, Gandhinagar  |
| Mr. C.S. Rajan, IAS*        | Chief Secretary  
                                 Government of Rajasthan               |
| Mr. Prem Singh Mehra, IAS*  | Principal Secretary - Finance  
                                 Government of Rajasthan               |
| Prof. Sadanand S. Gokhale*  | Director & Member Secretary  
                                 The LNMIIT, Jaipur                     |

* Ex-Officio Members
Vision of the Institute

To establish world class platform for creation of knowledge through quality research and its dissemination through technologically enabled teaching-learning pedagogy in the field of science, technology, engineering, arts and management. To become a catalyst in the societal and national development, by ensuring continuous interaction with industry and other academic and research institutions in India and abroad.

Mission of the Institute

- To offer state-of-the-art undergraduate programmes in Information Technology (IT) & Information Technology Enabled Service (ITES) as well as core disciplines with emphasis on strong fundamentals.
- To establish centers of excellence in emerging areas to provide significant breakthrough required to solve real world problems.
- To make The LNMIIT as the most preferred institute for higher education across the country.
- To create intellectual property through innovations, quality research publications and patents.
- To instill core values of excellence, integrity, teamwork, professional ethics, and environmental concerns.
- To foster and nurture leadership and entrepreneurial qualities and lifelong learning amongst students, research scholars, faculty and staff members of The LNMIIT.

Objectives of the Institute

- To start innovative PG programmes in humanities and social science, basic science, engineering and technology.
- To focus on Ph.D. in all disciplines.
- To participate in e-governance and similar projects of the state of Rajasthan.
- To enhance participation in Information Technology Research Academy (ITRA) projects of the Department of Electronics and Information Technology (DeitY), Government of India.
- To optimize use of critical resources by multitasking.
- To establish vibrant and strong alumni network.
- To organize regular conferences to enhance networking and brand equity.
- To emphasize on knowledge and skill development at all levels.
- To build sizable corpus through smart savings, donations from philanthropic organizations and alumni contributions towards meeting specific objectives.
The institute offers Various Programmes in the following disciplines:

Communication and Computer Engineering (CCE)

The Communication and Computer Engineering (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 communication systems, wireless communication systems, satellite communication systems, and their applications).

The CCE discipline is arguably the best career option on offer at the LNMIIT, in terms of current market needs for IoT 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, Computer Networks Lab, ECAD Lab, and Microwave and Optical Communication Lab. The department offers B.Tech, M.Tech. as well as Ph.D. programme.
Electronics and Communication Engineering (ECE)

The Electronics and Communication Engineering (ECE) discipline was established in the year 2008, 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 highly experienced as well as young and dynamic faculty members, having education and experience from renowned institutions in India and abroad. Advanced courses and electives enable students to specialize in communications, signal processing, robotics, Very Large Scale Integration (VLSI), embedded systems, and other streams. The ECE department offers B.Tech., specialized M.Tech. programme in Mobile Communication as well as Ph.D. programme.
Computer Science and Engineering (CSE)

The Computer Science and Engineering (CSE) discipline was established in the year 2008, 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 organizations.

- 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 laboratory facilities include Programming Lab, Digital Communication Lab, DBMS Lab, and Computer Networks Lab. The CSE department offers B.Tech., specialized M.Tech. programmes in Data Analytics and Software Engineering as well as Ph.D. programme.
The Department of Mechanical & Mechatronics Engineering was established in the year 2013 with undergraduate programme in Mechatronics Engineering. Later, in the year 2015, undergraduate programme in Mechanical Engineering was also introduced.

**Mechatronics Engineering (MTRE)**

The Mechatronics Engineering (MTRE) discipline was established in the year 2013. The main objective of the MTRE discipline is to make positive, substantive, and lasting contributions to the lives of our students. A mechatronics graduate will

- Have ability to deal with real life challenges in the field of Mechatronics industries and equip them with the fundamental concepts and techniques of Mechatronics applications, relevant to emerging technological advancements.
- Become 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, and pneumatics etc. ensuring superior quality for large volume production with minimum rejection. Mechatronics has wide applications including in the area of Robotics, Industrial Automation, MEMS, Nano Technology, Automotive Sector, Biomedical Systems, Defense, Safety and Aerospace Technology etc. The discipline offers B.Tech. and Ph.D. programmes in Mechatronics Engineering.
Mechanical Engineering is a discipline which was started in 2015. ME is one of the basic branch among the core branches. It is mother of several engineering courses like Production Engineering, Industrial and Production Engineering, Mechatronics Engineering, Aeronautical Engineering, Aerospace Engineering, Marine Engineering etc. The proposed undergraduate programme prepares students for their individual career paths and fosters their ability to adapt to the rapidly changing technologies in the world. The curriculum for the proposed programme in the Department of Mechanical & Mechatronics Engineering would offer students, significant opportunities to hone their skill with latest advancements in the field of mechanical engineering. Design and teamwork experiences would occur at regular intervals in the curriculum, and graduates have significant hands-on experience through laboratories and projects. The discipline offers B.Tech. & Ph.D. programmes in Mechanical Engineering.

The main objective of the Mechanical Engineering undergraduate programme is to make positive, substantive, and lasting contributions to the lives of our students. This overall objective is further expressed by the following four programme educational objectives:

- Graduates will have ability to deal with real life challenges in the field of Mechanical Industries and equip them with the fundamental concepts and techniques of Mechanical Engineering applications, relevant to emerging technological advancements.
- The graduates will become Mechanical professionals readily employable by the Industry and Research Organizations.
- The graduates will be ready to conduct collaborative research focusing on emerging trends in domains like Computer integrated manufacturing, Design Engineering, Thermal Engineering, Advanced Manufacturing, Industrial Engineering and management, Non-conventional energy MEMS and Nano Technology etc.
- The graduates will have the communication, leadership skills and an understanding of ethical choices in the Engineering Profession.
Mathematics

The Department of Mathematics was established in the year 2003, with the following objectives:

- To train UG and PG students with high mathematical thinking in tune with the latest development in science and technology
- To motivate the students towards research and to make them aware of importance and increasing needs of mathematics in various aspects of science and technology
- To establish a centre for research and teaching excellence in Mathematics of international repute

The Department of Mathematics has a good research atmosphere with highly qualified and energetic faculty members backed up by excellent infrastructural facilities. The faculty members have taken strong initiatives for bringing in quality research in current emerging areas and are actively pursuing research in Partial Differential Equations, Numerical Analysis, Scientific/Parallel Computing, Cryptography, Security, Stochastic Differential Equations, Mathematical Finance and Computational Fluid Dynamics. The department also offers M.Sc. and Ph.D. programme in Mathematics.

Humanities and Social Sciences (HSS)

The Departmental of Humanities and Social Sciences was established in 2003 with the vision to provide value based education to future engineers, making them sensitive towards wide range of human and social issues and enabling them to combine technical knowledge with social, cultural, economic, ethical and humane issues involved in societal development.

The department has courses and faculty in various disciplines of Humanities and Social Sciences. It offers Ph. D. programmes in English, Applied Linguistics, Economics and Psychology.

Physics

The department of Physics is a very young department in this young institute, established in 2012. The members of the Physics Department have a broad range of interests spanning both the very fundamental aspects of nature as well as the applied and engineering aspects of Physics. Areas of interest and active research include Cosmology, High Energy Physics, Material Science, Photovoltaic Solar Cell, Biosensors and Nanotechnology. The approaches include experimental, theoretical and computational. We are building up capabilities in computational physics. On this webpage you will find more details about the individual faculty members and their research interests.

The department is very cohesive and supportive of the research carried out by its members. We encourage collaboration from both within and outside the department/institute. The department offers first two semesters Physics courses with laboratory and many elective courses to all branches of B.Tech., two year M.Sc. (Physics) and Ph.D. programmes.

The institute is also planning to establish a Center of Excellence in the area of Nanotechnology and Material Science. Thus, the Physics Department is well poised to build on its strengths and deepen its pursuit of excellence.

www.lnmiit.ac.in
Faculty

As on March 2016, total number of faculty members (including visiting faculty) is 60. Most of them are with a Ph.D. degree and the remaining are pursuing.

## Regular Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Designation</th>
<th>Qualification</th>
<th>University/Organization</th>
<th>Research Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abhishek Sharma</td>
<td>Assistant Professor</td>
<td>Ph.D., University of Genova, Italy</td>
<td>Research Areas: Embedded systems and High Performance Embedded Computing</td>
<td>Ajit Patel Associate Professor Ph.D., IIT, Bombay Research Areas: Numerical Analysis, Computational Partial Differential Equations, Finite Element Methods, Finite Difference Methods</td>
</tr>
<tr>
<td>Akhaya Kumar Salimath</td>
<td>Assistant Professor</td>
<td>Ph.D., IIT, Kanpur</td>
<td>Research Areas: VLSI</td>
<td>Amit Kumar Srivastava Professor Ph.D., NIT Surat Research Areas: Fatigue, Damage Tolerance Analysis, Finite Element Method, Composite Materials</td>
</tr>
<tr>
<td>Amit Neogi</td>
<td>Assistant Professor</td>
<td>Ph.D., IIT, Kanpur</td>
<td>Research Areas: Laser Plasma</td>
<td>Anjishnu Sarkar Assistant Professor Ph.D., IIT, Bombay Research Areas: Cosmology, Particle Physics, Supersymmetric model building</td>
</tr>
<tr>
<td>Dharmendra Dixit</td>
<td>Assistant Professor</td>
<td>Ph.D., (Pursuing), IIT, Bhubaneshwar</td>
<td>Research Areas: Performance Analysis of Digital Communication Systems in Generalized Fading Channels</td>
<td>Dheerendra Mishra Assistant Professor Ph.D., IIT, Kharagpur Research Areas: Access control and privacy in cloud Enterprise digital rights management system</td>
</tr>
<tr>
<td>Dinesh Khandelwal</td>
<td>Assistant Professor</td>
<td>Ph.D., (Pursuing), IIT, Delhi</td>
<td>Research Areas: Machine Learning</td>
<td>Divyang R Rawal Assistant Professor Ph.D., DAIICT, Gandhinagar Research Areas: ICT, Signal Processing for Communication</td>
</tr>
<tr>
<td>Ganesh Dutt Sharma</td>
<td>Professor</td>
<td>Ph.D., IIT Delhi</td>
<td>Research Areas: Organic Electronics, Organic solar cells, Dye sensitized solar cells Nanoscience and technology</td>
<td>Kamal Kishore Khatri Associate Professor Ph.D., MNIT, Jaipur Research Areas: Alternate fuels in IC Engines, Trigeneration, Modeling and simulation of Thermal/Energy systems, Application of Nano fluids</td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
<td>Ph.D. Location</td>
<td>Research Areas</td>
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<tr>
<td>Kapil Jainwal</td>
<td>Assistant Professor</td>
<td>IIT, Delhi</td>
<td>VLSI Design, EDA tools/Embedded Systems/Hardware-Software Coding</td>
<td></td>
</tr>
<tr>
<td>Manish Garg</td>
<td>Assistant Professor</td>
<td>IIT, Roorkee</td>
<td>Mathematics, Finite Field, Cryptography</td>
<td></td>
</tr>
<tr>
<td>Manju Dhariwal</td>
<td>Associate Professor, Dean (Academic)</td>
<td>IIT, Bombay</td>
<td>English Language and Literature, Communication Theory</td>
<td></td>
</tr>
<tr>
<td>Mohan K Kadlabjoo</td>
<td>Distinguished Professor</td>
<td>IIT, Bombay</td>
<td>Numerical Analysis, Computational PDEs, Parallel Algorithms</td>
<td></td>
</tr>
<tr>
<td>Narasimha Bolloju</td>
<td>Professor</td>
<td>University, Hyderabad</td>
<td>Software Engineering, Design of IT Solutions, Social Networks</td>
<td></td>
</tr>
<tr>
<td>Navneet Upadhyay</td>
<td>Assistant Professor</td>
<td>BITS, Pilani</td>
<td>Speech Processing, Digital Communication</td>
<td></td>
</tr>
<tr>
<td>Poonam Gera</td>
<td>Assistant Professor</td>
<td>IIT, Roorkee</td>
<td>MANETs, Cloud Security, Network Security</td>
<td></td>
</tr>
<tr>
<td>Pratibha Garg**</td>
<td>Associate Professor</td>
<td>IIT, Delhi</td>
<td>Topological Function Space, Measure Theory</td>
<td></td>
</tr>
<tr>
<td>Preety Singh</td>
<td>Assistant Professor</td>
<td>MNNIT, Jaipur</td>
<td>Image Processing, Biometrics</td>
<td></td>
</tr>
<tr>
<td>Raghuvir Tomar</td>
<td>Professor, Dean (R &amp; D)</td>
<td>IIT, Kanpur</td>
<td>Electromagnetics, Radio Frequency and Microwaves, Antennas</td>
<td></td>
</tr>
<tr>
<td>Kusum Lata</td>
<td>Assistant Professor</td>
<td>IIsc, Bangalore</td>
<td>Analog and Mixed Signal Design, Modeling and Design of VLSI Circuits, Low Power and Circuit Design</td>
<td></td>
</tr>
<tr>
<td>Manish Kumar Singh</td>
<td>Assistant Professor</td>
<td>MNNIT, Allahabad</td>
<td>Solid State Physics, Electronics, Nanomaterials, Laser ablation in liquids and Biosensors</td>
<td></td>
</tr>
<tr>
<td>Manoj Kumar</td>
<td>Assistant Professor, HOD (Mechanical-Mechatronics)</td>
<td>IIT, Delhi</td>
<td>Production and Industrial Engineering, Welding Technology</td>
<td></td>
</tr>
<tr>
<td>Mukesh Kumar Jadon</td>
<td>Assistant Professor</td>
<td>LNMIIT, Jaipur</td>
<td>Data and Text Mining</td>
<td></td>
</tr>
<tr>
<td>Narendra Kumar</td>
<td>Assistant Professor</td>
<td>Univ. of Rajasthan</td>
<td>Postcolonial Studies, Cultural Studies, Literatures of the Indian Subcontinent, Adaptation Studies</td>
<td></td>
</tr>
<tr>
<td>Pomita Ghoshal</td>
<td>Assistant Professor</td>
<td>HRI, Allahabad University</td>
<td>Particle Physics</td>
<td></td>
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<tr>
<td>Prabin Kumar Jha</td>
<td>Assistant Professor</td>
<td>LNMIIT, Jaipur</td>
<td>Automobile Engineering, Mechatronics Engineering</td>
<td></td>
</tr>
<tr>
<td>Praveen Kumar</td>
<td>Associate Professor</td>
<td>IIT, Roorkee</td>
<td>Image/Video processing, Computer vision, video surveillance, Parallel and multi core computing, HCI</td>
<td></td>
</tr>
<tr>
<td>Purnendu Karmakar</td>
<td>Assistant Professor</td>
<td>IIT Kharagpur</td>
<td>Wireless Communication, Computer Networks, Trust and Reputation in Virtual community and Social Network</td>
<td></td>
</tr>
<tr>
<td>Rajbala Singh</td>
<td>Associate Professor</td>
<td>IIT, Kanpur</td>
<td>Health Psychology, Social Psychology</td>
<td></td>
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<tr>
<td>Name</td>
<td>Title</td>
<td>University/Institute</td>
<td>Research Areas</td>
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<tr>
<td>Rajbir Kaur</td>
<td>Assistant Professor</td>
<td>Ph.D., MNIT, Jaipur</td>
<td>Security in Mobile Ad Hoc Networks</td>
<td></td>
</tr>
<tr>
<td>Ranjan Gangopadhyay</td>
<td>Professor (Emeritus) &amp; Research Advisor</td>
<td>Ph.D., IIT, Kharagpur</td>
<td>Photonics and Wireless Communication, Cognitive Radio</td>
<td></td>
</tr>
<tr>
<td>Sadanand S. Gokhale</td>
<td>Professor, Director</td>
<td>Ph.D., University of Illinois, USA</td>
<td>Computational Fluid Dynamics, Aerospace Propulsion, Multimedia in Technical Education</td>
<td></td>
</tr>
<tr>
<td>Sandeep Saini</td>
<td>Assistant Professor</td>
<td>Ph.D., (Pursuing), MNIT, Jaipur</td>
<td>VLSI Design, Microelectronics</td>
<td></td>
</tr>
<tr>
<td>Shanker Ganesh R</td>
<td>Assistant Professor</td>
<td>M.Sc., Newcastle University, U.K</td>
<td>Mobile Robotics, Mechatronics</td>
<td></td>
</tr>
<tr>
<td>Somnath Biswas</td>
<td>Associate Professor, HOD (Physics)</td>
<td>Ph.D., IIT, Kharagpur</td>
<td>Optical Networks, Modeling and Simulation of Optical Devices and Components, Data Centric Networks, Queuing Theory</td>
<td></td>
</tr>
<tr>
<td>Sonam Nahar</td>
<td>Assistant Professor</td>
<td>Ph.D., (Pursuing), DA-IICT, Gandhinagar</td>
<td>Computer Vision, Image Processing, Machine Learning</td>
<td></td>
</tr>
<tr>
<td>Subhayan Biswas</td>
<td>Associate Professor</td>
<td>Ph.D., IACS, Kolkata</td>
<td>Third Generation Solar Cells, Photocatalysis</td>
<td></td>
</tr>
<tr>
<td>Sunil Kumar</td>
<td>Assistant Professor</td>
<td>Ph.D., (Pursuing), LNMII, Jaipur</td>
<td>Computer Networks, Sensor networks, Distributed systems, Multicore Systems, Digital Systems</td>
<td></td>
</tr>
<tr>
<td>Surinder Singh Nehra</td>
<td>Assistant Professor</td>
<td>Ph.D., University of Pune</td>
<td>Social Security, Urbanisation, Infrastructure</td>
<td></td>
</tr>
<tr>
<td>Rakesh Tibrewala*</td>
<td>Assistant Professor</td>
<td>Ph.D., Tata Inst. of Fundamental Research, Mumbai</td>
<td>Cosmology, Radio Astronomy, Gravitational Wave Astronomy</td>
<td></td>
</tr>
<tr>
<td>Ravi Prakash Gorthi</td>
<td>Professor, Dean (Faculty Affairs)</td>
<td>Ph.D., IIT, Madras</td>
<td>Software, Performance Engineering, Mobile e-Commerce, Emotions Based Voice User Interface</td>
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</tr>
<tr>
<td>Sakti Balan M</td>
<td>Associate Professor</td>
<td>Ph.D., IIT Madras</td>
<td>Data Analytics, Text analytics, Cognition and emotion modelling, Biocomputing</td>
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<tr>
<td>Santosh Shah</td>
<td>Assistant Professor</td>
<td>Ph.D., Universidad de Valencia, Spain</td>
<td>Wireless Sensor Networks</td>
<td></td>
</tr>
<tr>
<td>Smrity Dwivedi</td>
<td>Assistant Professor</td>
<td>Ph.D., IIT-BHU, Varanasi</td>
<td>RF and Microwave Engineering</td>
<td></td>
</tr>
<tr>
<td>Somnath Maiti</td>
<td>Assistant Professor</td>
<td>Ph.D., IIT Kharagpur</td>
<td>Differential Equations, Peristaltic Transport, Bio-fluid mechanics, Physiological Flows</td>
<td></td>
</tr>
<tr>
<td>Soumitra Debnath</td>
<td>Associate Professor, HOD (ECE)</td>
<td>Ph.D., IIT, Kharagpur</td>
<td>Optical Networks, Modeling and Simulation of Optical Devices and Components, Data Centric Networks, Queuing Theory</td>
<td></td>
</tr>
<tr>
<td>Subrat Kumar Dash</td>
<td>Associate Professor</td>
<td>Ph.D., Univ. of Hyderabad</td>
<td>System Security, Data Mining, Behaviour Modeling</td>
<td></td>
</tr>
<tr>
<td>Sunil Kumar Gauttam</td>
<td>Assistant Professor</td>
<td>Ph.D., IIT Bombay</td>
<td>Stochastic control</td>
<td></td>
</tr>
<tr>
<td>Usha Kanooongo</td>
<td>Assistant Professor</td>
<td>Ph.D., Univ. of Rajasthan</td>
<td>ELT, Applied Linguistics</td>
<td></td>
</tr>
</tbody>
</table>
Vibhor Kant
Assistant Professor
Ph.D, JNU, New Delhi
Research Areas: Machine Learning, Recommender Systems, Data Mining

Vikas Bajpai
Assistant Professor
Ph.D, (Pursuing), LNMIIT, Jaipur
Research Areas: Software Requirements Engineering, Software Testing, Software Quality Assurance

Vikas Gupta
Associate Professor HOD (Maths)
Ph.D., IIT, Kanpur
Research Areas: Numerical Solution of PDEs, Singularly Perturbed Problems, Layer Adaptive Meshes

Vikram Sharma
Associate Professor
Ph.D., GGS Indraprastha University, Delhi
Research Areas: Supply chain management, lean manufacturing, CAD/CAM

* Will be joining in April, 2016
** Will be joining in July, 2016

Visiting Faculty

Ambika Pratap Singh
Master of Financial Management (MBA), JBIMS, Mumbai
Research Areas: International Finance Developmental Economics

Arpi Majumder
Ph.D., Jadavpur University, Kolkata
Research Areas: Synthesis, Study and Application of Transition Metal Complexes

Beena Gokhale
M.A., M.Ed., Univ. of Illinois, USA
Research Areas: TESL, English, Literature, Linguistics, Phonetics, Teaching Methodologies

Dayanand Sharma
B.Sc., Univ. of Rajasthan, PG Diploma in French (Alliance Francais, A1,A2,B1)

Officers

Abhijit Galav
Project & Maintenance Manager

Ajeet Singh Rawat
Assistant Registrar - Administration

Ashok Kumar Salecha (C.A.)
Finance & Purchase Officer

Dr. Chand Singh Panwar
Resident Medical Officer

M. J. S. Pathania (Col., Retd.)
Deputy Registrar

Manuj Sharma
Training and Placement Officer

Mukesh Kumar Sharma
System Administrator

Dr. Raghuvneer Singh Charan
Senior PTI

Rajeev Saxena
Assistant Registrar - Academic

Ram Swaroop Sharma
Superintendent - Administration

Samar Singh
Assistant Registrar - Public Relations

Shweta Pandey
Assistant Librarian

www.lnmiit.ac.in
The LNMIIT Jaipur focuses on latest areas of science and technology for teaching and research in its curriculum. The curriculum has two major components. The first component consists of a set of core courses and the second one consists of variety of elective courses. The faculty members have regular publications in some of the well-reputed journals (high impact factor) and conferences. Currently, major research and development areas offered to the students by different streams are as follows:

**COMPUTER SCIENCE AND ENGINEERING**
- Machine Learning
  (Image Processing, Video Surveillance)
- Software Engineering
- Data Mining, and analytics
- Parallel computing
- Cognition and emotion modelling
- Network Security

**ELECTRONICS AND COMMUNICATION ENGINEERING**
- VLSI Design & Embedded Systems
- Wireless, RF, Optical and Microwave Communication
- Digital Signal Processing

**MECHANICAL & MECHATRONICS ENGINEERING**
- Machine Design
- Welding
- Thermal and Renewable Energy
- Automotive electronics
- Robotics
- Supply Chain Management

**HUMANITIES AND SOCIAL SCIENCES**
- Literature and Applied Linguistics
- Contemporary Issues in HSS

**PHYSICS**
- Material Science (Solar Cells, Bio Sensors)
- Particle Physics & Cosmology

---

Mr. Hemant Puchit, Graduate of 2009 batch, Assistant Professor of Information Sciences & Technology at George Mason University, Washington DC, since 2015
Workshops, Symposia and Conferences Organized in The LNMIIT

(In the last 3 years)

<table>
<thead>
<tr>
<th>Title of the Event</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshop on SPY BOT in association with Techfleeters Infotech Pvt. Ltd.</td>
<td>November 1, 2015</td>
</tr>
<tr>
<td>Workshop on Control Systems and Automation using MATLAB</td>
<td>August 21 - 22, 2015</td>
</tr>
<tr>
<td>National Workshop on Differential Equations</td>
<td>May 18 - June 06, 2015</td>
</tr>
<tr>
<td>Workshop on Modeling, Simulation and Computational Techniques (WMSC)</td>
<td>January 15 - 17, 2015</td>
</tr>
<tr>
<td>Workshop on Hyperbolic PDEs: Theory, Numerics and Applications</td>
<td>December 01 - 09, 2014</td>
</tr>
<tr>
<td>Workshop on GPU Computing</td>
<td>August 09, 2014</td>
</tr>
<tr>
<td>Workshop on Elliptic Equations: Variational Formulations and Numerics (EEVFN)</td>
<td>December 09 - 20, 2013</td>
</tr>
</tbody>
</table>

Faculty Research Collaborations

A significant fraction of faculty has international exposure. Well-known international organizations which are connected to The LNMIIT through joint research collaborations include NATEL Engineering Co. Inc. (California, U.S.A.), Scuola Superiore Sant’Anna (SSSUP, Pisa, Italy), and CERN (Geneva Switzerland). On a national level, joint research collaborations with NIIT University (Neemrana), Physical Research Laboratory (Ahmedabad), and VNIT (Nagpur), RRCAT (Indore), IIT Bombay are in progress.

Patents

The institute encourages its faculty and financially supports the filing of patents. As of now, 8 patents have been filed by Dr. Somnath Biswas, 4 patents by Prof. Ravi P. Gorthi and 1 patent by Dr. Abhishek Sharma. Three more proposals for filing patent have been submitted to DST, Rajasthan by Dr. K.K. Khatri and his team.
## Sanctioned Research and Development Projects during 2015

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Funding Amount</th>
<th>Project Title</th>
<th>Funding Agency and Duration of the Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Kamal Kishore Khatri</td>
<td>Rs. 5 Lakhs</td>
<td>Development of Green Campus in The LNMIIT under the “Development of Solar Cities” programme of MNRE</td>
<td>Ministry of New and Renewable Energy (MNRE), Govt. of India (2016-2017)</td>
</tr>
<tr>
<td>Dr. Narendra Kumar</td>
<td>Rs. 8 Lakhs</td>
<td>Tracing the Faultlines of Ethnic Conflict in the Postcolonial Indian Subcontinent: Narrative as a Socio-Political Discourse</td>
<td>ICSSR (2014-16)</td>
</tr>
<tr>
<td>Dr. Somnath Biswas</td>
<td>The faculty &amp; research scholars of The LNMIIT can use National facility at IIT Bombay created by the Department of Information Technology (DIT)</td>
<td>Half-metallic CrO$_2$ based Spintronic Devices in Single-Walled Carbon Nanotube Field Effect Transistor (SWCNT-FET) Configuration - Phase II</td>
<td>The project is under the Indian Nanoelectronics User’s Program (INUP) of the Department of Information Technology (DIT), Govt. of India at IIT Bombay</td>
</tr>
<tr>
<td>Dr. Somnath Biswas</td>
<td>Rs. 9 Lakhs</td>
<td>Detection of biomolecular interactions with TMR based sensing using magnetic nanotags</td>
<td>UGC-DAE (2014-17)</td>
</tr>
<tr>
<td>Dr. Somnath Biswas</td>
<td>Rs. 13.56 Lakhs</td>
<td>Development of high hydrostatic pressure metal forms for hydrogen storage</td>
<td>DST (2013-2016)</td>
</tr>
<tr>
<td>Dr. Subhayan Biswas</td>
<td>Rs. 11 Lakhs</td>
<td>Development of Solar Cells Utilizing Quantum Dot Sensitized Titanium Oxide Nanotube</td>
<td>CSIR (2013-2016)</td>
</tr>
<tr>
<td>Prof. Anupam Singh &amp; Dr. Anjishnu Sarkar</td>
<td>Rs. 12 Lakhs</td>
<td>Non-equilibrium dynamics of quantum fields with applications to dark energy and inflation</td>
<td>DST (2013-16)</td>
</tr>
<tr>
<td>Prof. Ranjan Gangopadhyay</td>
<td>Rs. 102.96 Lakhs</td>
<td>Mobile Broadband Service Support over Cognitive Radio Network</td>
<td>ITRA, DeitY (2013-2016)</td>
</tr>
</tbody>
</table>
Placements

Organizations that have recruited our students include:
Placement Data for 2016 Graduating Batch

<table>
<thead>
<tr>
<th>Batch Strength</th>
<th>Eligible Students</th>
<th>Students Registered for Placement</th>
<th>Total Offers</th>
<th>% Selected of Registered Candidates</th>
<th>Salary Package</th>
<th>Average Salary Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>280</td>
<td>229 (CGPA &gt; 6)</td>
<td>195</td>
<td>231</td>
<td>~ 90% (placement process is still on)</td>
<td>3.2 - 25 Lakhs/Annum</td>
<td>5 Lakhs/Annum</td>
</tr>
</tbody>
</table>

Visiting Companies/ Pool Campuses/ Pre-placement Offers

Microsoft, Amazon, IBM, TCS, Sapient, HCL, AMDOCS, Incture, Appirio, App Perfect, Evive Health, Metacube, Mindtree, Sopra, Compro, Meditab, CSC, Soctronics, Pratham Software, Nagarro, Indian Armed Forces, Sokrati, Healthkart, Zomato, Htppcart, Persistent, Future First, ArcelorMittal and many more...

NOTE:
1. The placement statistics are as on March 2016. There are a number of placement drives scheduled in the forthcoming months.
2. A good number of students are going to join Higher Studies in Science, Technology and Management in India and Abroad.

The LNMIT Students at Arcelor Mittal, Kazakhstan for Summer Internship, May 2015
The LNMIIT, spread over 100-acre green campus, at par with the best technological institutions in the country possesses IT-enabled classrooms, well equipped laboratories, a rich central library, and other modern amenities. Some of the key highlights of the LNMIIT infrastructure are:

• **Academic Area** : Fifteen centrally air-cooled lecture halls fitted with multi-media projection facilities, Electronics Lab, Microwave and Optical Communication Lab, Digital Signal Processing Lab, Computer Lab, Communication Lab, Electrical Characterization Division, Materials Synthesis Division, Advanced Instrumentation Division, DI water plant, Physics Lab, CAD Lab, Graphics Lab, Video Conferencing Room, and a Class Room equipped with virtual teaching learning aids.

• **IBM Laboratory** with tools for Big Data and Analytics, and Mobile Application Development tools like Cognos Insight, InfoSphere BigInsight, Worklight.

• **National Instruments (NI) laboratory** with myRIO, cRIO, and sbRIO hardware, along with a wide range of sensors and actuators for research and robotic applications.

• **Texas Instruments (TI) laboratory** with the latest kits including Beaglebone Black, D8500, TIVA and Atmel Dragon Board Xmega and Raspberry Pi Boards.

• **High Performance Computing (HPC) facility** by HP for research purposes.

• **High-end tools for Modelling, Design, and Simulation**, which includes ANSYS, Adams and Vi-Rail.

• **Mechanical Workshop** with conventional workshop and laboratories and NC-CNC machines and robots.

• **High-speed internet**, including Wi-Fi, in academic area and LAN connectivity in hostel rooms.

• **Central Library** : The library is automated through the software LIBMAN. The total seating capacity of the library is 130 students. It contains more than 15000 text and reference books, 45 National Journal subscription and about 3500 International Journals are accessible through subscribed database.

• **Accommodation** : Air-cooled hostels - one Girls' Hostel with 374 capacity, three Boys' Hostels with total 1000 capacity with 2 mess halls.

• **Health Centre** : Medical facilities available at the Health Centre, which include a Resident Doctor, a Resident Nurse, Emergency care, Physiotherapy unit, Ambulance service, and 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 (SAC)** : SAC comprises of: 3 synthetic badminton courts, 2 STIGA Championship Table Tennis tables, Well-furnished newly built Squash Court, Karate Arena with mats, Gym comprising of machines for every aspect of a fit body, Chess and Carom Room, Dance and Music studio and open air theatre.

• **Sports Facilities** : Wide range of high quality sports facilities including 2 Basketball Courts, 1 Lawn Tennis Court, 2 Volleyball Courts, Football Field and Cricket Ground. Other amenities are Jogging track and regular Yoga and Karate classes.

• A mini shopping complex.

• **State Bank and ICICI Bank ATM**.

• Institute buses plying between Jaipur city and the Campus, at regular intervals.
Alumni pursued/ pursuing higher studies at:

IN INDIA: • IITs, IIMs, IIITs, XLRI, and other premium institutions.

ABROAD:

• Aston University, Birmingham, UK
• RWTH Aachen University, Germany
• Technical University of Munich, Germany
• Polytechnic Institute of New York University, USA
• North Carolina University, USA
• Wright State University, USA
• Queensland University of Technology, Australia
• Helmut Schmidt University/ University of the Federal Armed Forces, Hamburg, Germany
• INRIA, France
• Technical University Darmstadt, Germany
• Waterford Institute of Technology, Ireland
• Simon Fraser University, Vancouver, Canada
• ETSE-UAB, Spain
• Nanyang Technological University (NTU), Singapore
• Deloitte Los Angeles, California, USA and more...

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

• Bigstep Technologies Pvt. Ltd.
• Codescape Consultants
• Neutrino IT Technologies (Pvt.) Ltd.
• The Elite Express
• Enuke Software
• Lucideus
• Dream Animators, and more...
Student Research Collaborations, Student Exchange and Internship Opportunities at:

- Nanyang Technological University (NTU), Singapore
- Joseph Fourier University, France
- Scuola Superiore Sant’Anna, Pisa, Italy
- Moscow University, Russia
- French National Center for Scientific Research, France
- IIT, Mandi
- Kristianstad University, Sweden
- NATEL Engineering Co. Inc., California, USA
- CERN, Geneva, Switzerland
- INRIA, France
- University of Edinburgh, UK
- IIT, Gandhinagar
- IIT, Delhi 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
- New York University, USA
- INRIA, France
- University of Cassino, Italy
- UAB, Spain
- Nanyang Technological University, Singapore
- University of Warwick, UK
- SUT, Thailand

- In India, The LNMIIT students have been doing their summer internships in different companies like TCS, CISCO, Microsoft, Ericsson, Amazon, Samsung, etc. and academic institutions like IITs, IISc Bangalore, IIT Hyderabad, IIIT Delhi, and BITS Pilani.
- The LNMIIT also offers LUSIP (LNMIIT Undergraduate Summer Internship Programmes) to its undergraduate students. From 2014, this programme was extended to the students of other academic institutes across the country.

Invited talk on “Journey to the Space and beyond” by Dr. K. Kasturirangan (Former Head ISRO) in Plinth, Jan. 2016
Scholarship Policy

B.Tech.

- Scholarships (in terms of partial tuition fee waiver) are awarded to the meritorious students based on the following criteria:
  i. **1st semester:** The following students are eligible for scholarships in the first semester:
     a) Top rankers of JEE Advanced examination
     b) Students admitted via the “Meritorious Students of Rajasthan State Board” mode.
  ii. **2nd semester onwards:** Academic performance at The LNMIIT, namely Cumulative Grade Point Average (CGPA) > 9.0.
- Scholarship policies are reviewed periodically by the Academic Council (AC) and Governing Council (GC) of the institute.

Note: Merit-cum-Means and BPL scholarship are also available for deserving students.

Masters/Ph.D. Scholarship

Financial aid (Assistantship/Scholarship) is available to the M.Tech., Ph.D. Programmes in form of Teaching and Research Assistantship.

- GATE/NET/SET/JAM qualified will get both teaching and Research Assistantship as per UGC norms
- Non-GATE/NET/SET/JAM qualified student will get teaching assistantship. Amount for same will be linked to work assigned.

Student Assistance in 2015-16

Summer Internships - both internal as well as external facilitate the students to explore and broaden various career options as well as enrich their professional competencies. Internal competition for the best project award challenges them and brings out the best in them.

Through student chapter of Computer Society of India (CSI), Institute of Electrical and Electronics Engineers (IEEE), American Society of Mechanical Engineers (ASME) and Society of Automotive Engineers (SAE) professional societies, various expert lectures are arranged which are widely attended by the students and faculty alike. To circumvent geographical location disadvantage, the institute has commissioned a virtual classroom to cater to 200+ students.

LNMIIT is a part of Quality Enhancement in Engineering Education (QEEE) programme of the Department of Higher education, MHRD, Government of India. The programme facilitates students to get the knowledge and interact with the professors from reputed IITs.

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 at par with the one paid in IITs and NITs.

Students’ Achievements during 2015-2016

Achievements of LNMIIT students in Science and Technology related Activities:

- Kushal Shah and Anivesh Baratam qualified for National level by clearing Zonal from North zone and regionals from Rajasthan in Tata Crucible Campus Business Quiz 2015.
- Gaurav Singhal & Kaustubh Khandelwal were Winner in Ideate: B Plan Competition of Rajasthan Startup Fest 2015.
- Ashish Agrawal and Pushkal Agarwal qualified for national level by clearing 4th Regional Level Project Contest organized by Computer Society of India in Ahmedabad.
- Kushagra Garg won the Special Mention Award in Rajya Sabha of Youth Parliament 2016 organized by Kiori Mal College, Delhi University.
- Siddharth Goyal won the High Recommendation Award as the delegate of Poland and Nitin Choudhary as Best Cartoonist in the BITSMUN’16, Pilani.
- Nukkad Mandli bagged second prize in National Level Cultural Fest of JECRC University, Jaipur.
- Fashion club also won 1st prize in the same fest.
- Bagged 3rd position in Table Tennis in the Sports Fest of BITS BOSM 2015, Pilani.
- Won Silver medal in Taekwondo in the Sports Fest of BITS BOSM 2015, Pilani.
The institute has held nine degree-awarding convocations so far. The graduates of the institute are gainfully engaged both in India and abroad. The Ninth Convocation of The LNMIIT, was held on September 13th, 2015. The occasion was graced by Mr. Soumitra Bhattacharya, Joint Managing Director, BOSCH Ltd., India as Chief Guest. Total 272 students were awarded various degrees which included 242 B.Tech., 4 M.S., 25 M.Tech. and 1 Ph.D. student. The Chairman’s gold medal was awarded to Ms. Aditi Agrawal while the Director’s gold medal was given to Ms. Purnima Dutt (for UG) and to Ms. Shivangi Dubey (for PG). The medal for the best B.Tech. project was won by Mr. Sarthak Jain and Mr. Pranjal Successena jointly.
Programmes Offered

The institute offers undergraduate programmes in the following disciplines:

<table>
<thead>
<tr>
<th>Programme</th>
<th>BRANCH</th>
<th>Seats**</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Tech.</td>
<td>Computer Science and Engineering (CSE)*</td>
<td>180</td>
</tr>
<tr>
<td></td>
<td>Electronics and Communication Engineering (ECE)</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>Communication and Computer Engineering (CCE)*</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>Mechatronics Engineering (MTRE)</td>
<td></td>
</tr>
<tr>
<td>B.Tech. - M.Tech. Dual-Degree</td>
<td>CSE, ECE, CCE</td>
<td>10 each</td>
</tr>
</tbody>
</table>

* For IIM-LNMIIT specialization of CSE/CCE students, 40 provisional seats are available in both Big Data and Analytics and Mobile Cloud based applications.

** The total number of seats available for admission in B.Tech. at The LNMIIT is 450. The number of seats would be increased/decreased appropriately considering the overall academic quality of incoming students.

Lateral admissions from other institutes to The LNMIIT are possible after the end of 1st and 2nd semester as per institute norms.

UG Admission Policy

Admissions to the undergraduate programme in The LNMIIT will be through the following channels:

a) JEE Main Mode

Eligibility Criteria

- The applicant must be appearing for JEE (Main) 2016 conducted by Central Board of Secondary Education
- The applicant must have secured at least 60% aggregate marks in Class 10th
- The applicant must have secured at least 60% aggregate marks in class 12th
- The applicant must have secured aggregate 60% in Physics, Chemistry and Mathematics in class 12th

Selection Procedure

The LNMIIT will draw a merit list only on the basis of the total marks obtained in Physics, Chemistry and Mathematics in JEE (Main) 2016 of only those applicants who apply to The LNMIIT for admission and fulfill the eligibility criteria. A minimum cut-off individually for Physics Chemistry Mathematics as well as total marks shall be considered for making the merit list. The admission will be based on this merit list.

Application fee

Rs 1600.00
<table>
<thead>
<tr>
<th><strong>b) Direct Admission to B.Tech.</strong></th>
<th><strong>Only for Board Exam toppers</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eligibility Criteria</strong></td>
<td>The First &amp; Second ranked students of all the Central and State boards in India and the top 10 boys and top 10 girls from the merit list of the Rajasthan Board of Secondary Education (RBSE) are eligible for direct admission for the year 2016.</td>
</tr>
<tr>
<td><strong>Selection procedure</strong></td>
<td>Any such applicants need to submit their applications as per the specified procedure, and need to submit the proof of their individual rank during counseling and registration.</td>
</tr>
<tr>
<td><strong>Application fee</strong></td>
<td>Rs 1600.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>c) DASA (Direct Admission of Students from Abroad)</strong></th>
<th><strong>Only for Foreign Nationals/PIOs/NRIs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Residential Requirements</strong></td>
<td>The applicant must be a Foreign National/a Person of Indian Origin who has completed the qualifying examination in any country (including India) OR an Indian National studying abroad. In case of an Indian National, she/he must have completed her/his class 11th and 12th or equivalent from outside India.</td>
</tr>
</tbody>
</table>
| **Academic Eligibility**                              | • 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 or equivalent  
                                           • The applicant must have secured at least 60% aggregate marks in class 12th or equivalent  
                                           • The applicant must have secured aggregate 60% in Physics, Chemistry and Mathematics in class 12th or equivalent. |
| **Selection Procedure**                               | 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. |
| **Application fee**                                   | USD 100.00                            |

<table>
<thead>
<tr>
<th><strong>d) Lateral Entry mode</strong></th>
<th><strong>For students of other institutes after 1st &amp; 2nd semester</strong></th>
</tr>
</thead>
</table>
| **Eligibility criteria** | • The applicant must have appeared in JEE (Main) Examination 2016 conducted by Central Board of Secondary Education (CBSE).  
                                           • The applicant must have secured at least 60% aggregate marks in Class 10th.  
                                           • The applicant must have secured at least 60% aggregate marks in Class 12th.  
                                           • The applicant must have secured an aggregate of at least 60% in Physics, Chemistry and Mathematics in Class 12th.  
                                           • The applicant must have a JEE (Main) 2016 score above the closing score for the 2016 admissions (branch wise). |
| **Selection procedure** | Interview by the Lateral Admission Committee.                  |
Fee Structure

1. For applicants admitted through JEE (Main) /Board Exam toppers / RBSE mode:

   One-time payment:
   
<table>
<thead>
<tr>
<th>Caution money</th>
<th>Rs. 10,000.00 (One time deposit refundable at the end of the course)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per-semester charges:</td>
<td></td>
</tr>
<tr>
<td>Registration fee</td>
<td>Rs. 3,000.00</td>
</tr>
<tr>
<td>Tuition fee</td>
<td>Rs. 91,000.00</td>
</tr>
<tr>
<td>Hostel fee</td>
<td>Rs. 18,000.00</td>
</tr>
<tr>
<td>Other fee</td>
<td>Rs. 8,500.00</td>
</tr>
<tr>
<td>Building fund</td>
<td>Rs. 2,000.00</td>
</tr>
<tr>
<td>Mess (food) charges</td>
<td>Rs. 14,000.00</td>
</tr>
<tr>
<td>Total fee for first semester</td>
<td>Rs. 1,46,500.00</td>
</tr>
</tbody>
</table>

   Applicants are, therefore, required to pay Rs. 1,46,500/- (One Lakh Forty Six Thousand Five Hundred only) for admission in the first semester.

2. For Applicants admitted through DASA mode:

   One-time payment:
   
<table>
<thead>
<tr>
<th>Caution money</th>
<th>Rs. 10,000.00 (Refundable at the time of leaving the institute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition fee</td>
<td>USD 7,000.00</td>
</tr>
<tr>
<td>Registration fee</td>
<td>Rs. 3,000.00</td>
</tr>
<tr>
<td>Other charges*</td>
<td>Rs. 42,500.00</td>
</tr>
<tr>
<td>Total Amount</td>
<td>USD 7000.00 + INR Rs. 55,500.00</td>
</tr>
</tbody>
</table>

   Applicants are, therefore, required to pay tuition fee of $7,000/- (Seven Thousand USD Only, fee for first year) and other charges amounting to Rs. 55,500/- (Fifty Five Thousand Five Hundred only, for first semester) at the time of admission in the first semester.

NOTE:

- *Other charges include Hostel accommodation, Internet facility, Activity charges, Building fund, Mess & Food charges, etc.
- The institute runs a skeleton bus service which can be availed on payment basis.
- The Governing Council of The LNMIIT reviews the fee structure and other charges periodically. There will be an annual increase of 10% (approximately) in fee and other charges.
- The LNMIIT is a residential institute. Therefore, staying in the hostel and joining the mess is compulsory for all the students. This condition may be relaxed if:
  a) there is a shortage of accommodation due to increased intake or any other reason beyond control.
  b) 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.
- If a student is permitted for day-boarding, Hostel fees and Mess maintenance charges will be refunded.
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)
(d) Earned minimum credit requirements within maximum of 12 regular semesters (6 years) from the date of joining the institute.

B.Tech. - M.Tech. 5-Year Dual-Degree Programme

About the Programme:

Dual degree programmes are being introduced in many premier Indian institutes to enhance the UG and PG research culture. The main motivation for the institutes for offering such programmes is to keep their UG students within the institute and have fruitful research and product development outputs. This would help in the healthy growth of Institute as well as students’ career. This programme not only provides a longer duration to a particular field of interest, but also reduces the total time to gain both B.Tech. and M.Tech. degrees. The LNMIIT’s dual-degree programme would allow the student to earn both B.Tech. and M.Tech. degrees in 5-year duration.

The LNMIIT Jaipur is offering Dual Degree Programme in CSE, ECE and CCE for the academic year 2016-17. Maximum 10 seats would be allocated for admission in dual degree programmes in each B.Tech. programme.

Eligibility for Admission:

1. A student has to select the dual degree programme while entering the institute at undergraduate level itself.
2. The application process for dual degree will be same and in parallel to regular B.Tech. programmes in The LNMIIT.
3. Eligibility criteria for admission in dual degree would be same as the regular B.Tech. programme.

Graduation Requirements:

1. A student must have a CGPA of 6.0 and above to get both the degrees.
2. The student would be getting both the degrees at the end of the programme.

NOTE:
1. The tuition fee for the 9th and 10th semester in the dual degree programme will be half of the regular tuition fee.
2. Students should be encouraged to take GATE in their 4th year to benefit from the scheme.
3. Starting from 8th semester, the students would be eligible for PG stipend in terms of teaching assistance and as per the PG stipend rules and regulations.
4. The student is also eligible for all UG scholarships offered by the institute.

Important Dates, Counseling Procedure, Admission Withdrawal and Refund Rules:

To have the updated information please visit our website (www.lnmiit.ac.in/ugadmissions) regularly.
Admission to Postgraduate Programmes 2016

Programmes Offered
The institute offers postgraduate programmes in the following disciplines:

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Branches</th>
<th>Seats*</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.Tech.</td>
<td>CSE, ECE</td>
<td>10 each</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Physics, Mathematics</td>
<td>10 each</td>
</tr>
<tr>
<td>Ph.D.</td>
<td>CSE, ECE, CCE, MTRE, ME, Physics, Mathematics, HSS</td>
<td>Total 10</td>
</tr>
</tbody>
</table>

*The number of provisional seats available for admission in PG programmes at The LNMIIT.

M.Tech. in CSE has specialization in Software Engineering and Data Analytics. M.Tech. in ECE has specialization in Mobile Communication.

M.Sc. programmes in Mathematics and Physics will be starting from July 2016.

Eligibility Criteria

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Branch</th>
<th>Eligibility Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.Tech. in Engineering</td>
<td>Computer Science &amp; Engineering</td>
<td>• The applicant must have B.E/B.Tech. with 60% marks/6.5 CGPA or M.C.A/M.Sc. (Electronics/Computer Science) with 60% marks/6.5 CGPA and valid GATE Score.</td>
</tr>
<tr>
<td></td>
<td>Electronics and Communication Engineering</td>
<td></td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Mathematics</td>
<td>• The applicant must have a master's degree in engineering with 60% marks/6.5 CGPA or B.Sc./B.A./B.Tech. or equivalent degree in Mathematics, Applied Mathematics or in a related subject (such as Physics, Computer Science etc.).</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Physics</td>
<td>• Three years B.Sc. (Honours in Physics) with 60% marks/6.5 CGPA or Three years B.Sc. (Honours in Electronics/Materials Science/Computer Science/Chemistry/Mathematics with Physics as one of the major subjects), with 60% marks/6.5 CGPA.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Four years B.Tech./B.E/B.Sc. (Engg.) in any branch of engineering with 60% marks/6.5 CGPA. or Three years B.Sc. (general degree with Physics, Chemistry, and Mathematics) with 60% aggregate marks/6.5 CGPA.</td>
</tr>
<tr>
<td>Programmes</td>
<td>Branch</td>
<td>Eligibility Criteria</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>---------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Ph.D. in Engineering</td>
<td>Computer Science &amp; Engineering</td>
<td>• The applicant must have a master’s degree in engineering with 60% marks/6.5 CGPA or</td>
</tr>
<tr>
<td></td>
<td>Electronics and Communication Engineering</td>
<td>• Bachelor’s degree in engineering or science (4 year programme) with a minimum of 70% marks/7.5 CGPA or</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering</td>
<td>• M.C.A/M.Sc. (Electronics/Computer Science) while satisfying each of the following criteria:</td>
</tr>
<tr>
<td></td>
<td>Mechatronics Engineering</td>
<td>(a) a minimum of 60% marks/6.5 CGPA in the master’s degree,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(b) first division in bachelor’s degree.</td>
</tr>
<tr>
<td>Ph.D. in Sciences</td>
<td>Mathematics, Physics</td>
<td>The applicant must have a master’s degree in the relevant subject with 55% marks/6.0 CGPA or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>or a bachelor’s degree in engineering or science (4 year programme) with 60% marks/6.5 CGPA</td>
</tr>
<tr>
<td>Ph.D. in Humanities and Social Sciences (HSS)</td>
<td>Humanities and Social Sciences (English,</td>
<td>The applicant must have a master’s degree in Arts or</td>
</tr>
<tr>
<td></td>
<td>Economics, Applied Linguistics, Psychology</td>
<td>in an allied field of HSS with 55% marks/6.0 CGPA</td>
</tr>
</tbody>
</table>

Mr. Saket Modi, Graduate of 2014 batch, recognized in the Forbes ‘30 under 30’ list, Feb. 2016
Admission Procedure

M.Tech.
Admission is generally offered on the basis of a written test and an interview. The institute will invite a limited number of candidates for a written test and interview based on the academic records and/or GATE score. The institute reserves the right to use its own judgment while determining the candidate’s level of competency based on the available information. The final selection will be based on all of above, viz., academic records, GATE score, written test and interview. The institute may also exercise the option of offering admission to a few outstanding candidates based on academic record and/or GATE, without calling them for written test and interview.

M.Sc.

MATHEMATICS
Applicants satisfying minimum eligibility criteria will be called for written test and personal interview. Candidates who have already qualified Joint Admission Test (JAM) for M.Sc., will be exempted from written test for admission and will be called directly for personal interview.

Institute may also accept the score of international qualifying exam like GRE or an equivalent standard for admission of Indian/foreign nationals.

PHYSICS
The admission to two year M.Sc. programme is direct without appearing in the admission test if candidate qualified Joint Admission Test (JAM) for M.Sc. or The LNMIIT written test.

Ph.D.
Admission is generally offered on the basis of written test and an interview as per UGC norms.

Admission to Foreign Nationals and NRIs to M.Tech.
Foreign nationals can secure admission to various postgraduate and research programmes under self-financed category.

Direct Admission to M.Tech.
Candidates having GATE score more than 95 percentile are eligible for direct admission.
Counselling Cell

The institute realizes that the First-Year students leave the safe haven of their homes, perhaps for the first time, to pursue their academic dreams. They are enthusiastic, curious, and at the same time nervous and apprehensive about their new surroundings. The students also need to understand the new culture and various requirements of the institute.

The counselling cell of the institute provides a comfortable environment as soon as the First year students enter the institute. The counselling Cell is an open, receptive and safe forum to share the concerns of students. The main aim is to help the incoming students to settle down in the institute initially. It continues to provide guidance to the students to ease their transition from a school environment to the more demanding university standards.

To address the individual concerns of the fresh students, the batch is divided into small groups of 15 students each. Each group is assigned to one or two faculty members and a senior student. These groups meet periodically to identify the problems of academic and even non-academic nature. All efforts are made to solve the identified problems, to the extent possible. The healthy bond thus created between the students and the faculty continues through their stay at the institute, and even later in life.
Students' Gymkhana is an independent self-governing student body, elected by students. The primary objectives of the Students' Gymkhana are the following.

(i) to promote the development of skills in leadership, communication, and self-reliance, amongst the students;

(ii) to give representation to all the important academic / non-academic committees of the institute to share students’ viewpoints;

(iii) to act as an interface between student and administration. Reconciliation of differing opinions of students and institute administration, on various issues of importance to the institute;

(iv) to organize extracurricular / co-curricular activities, on a regular/periodic basis, in the institute campus;

(v) to promote participation in competitions organized by other well-known institutions of the country;

(vi) to help wardens in the management of hostel affairs, including the dining mess.

The students' voice is reflected through democratically elected representatives: President, Vice President, General Secretaries, and Senators of Students' Gymkhana of The LNM Institute.

The Students' Gymkhana organizes various extra-curricular / co-curricular activities and inter-institutional festivals through its three councils namely, Science and Technology Council, Sports Council and Cultural Council, and various other clubs of these councils.
The Science and Technology Council aims at stimulating the technical mindset of the students.

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.

- **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.

- **ASTRONOMY CLUB** - The objectives of the astronomy 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 the members.
The objective of the Sports Council is to promote sports activities among the students and to organize sports events and sports festival. The institute provides sports equipment and facilities in the sports like Badminton, Football, Cricket, Athletics, Squash, Table Tennis, Lawn Tennis, Volleyball, Basketball, Carrom, Chess etc. Sports council hosts events like LNMIIT Premier League, LNMIIT Football League, LNMIIT Volleyball League, Inter-house cricket and badminton tournaments, friendly matches with other nearby institutions throughout the year.

Every year LNMIIT sports council organizes one of the biggest inter-institutional sports festivals called Desportivos. The Council encourages the students to perform at the State and National level competitions. All the sports activities are supervised by a physical training instructor (PTI). Moreover, LNMIIT arranges professional coaches for various sports.
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 & Craft Club, Photography Club and Movie Club. Every year LNMIIT Cultural Council organizes one of the biggest inter-institutional Techno-Cultural-Management festival called Vivacity. Moreover, Literary Committee facilitates the exchange of views and ideas on current issues. The committee organizes debates, elocation, extempore speeches, essay competitions, etc. It publishes the annual magazine Nth DEGREE, which covers the accomplishment of the students and showcases their ingenious literary talents.

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 Farewell Function of graduating students.

The students of The LNMIIT participate in co and extra-curricular activities at various institutes including IITs and NITs and deserving students receive partial financial assistance.

Some other clubs at The LNMIIT are:

- **Sankalp Club**: The club is committed to the pursuit of social welfare and self-transformation. The club works towards serving 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.
VIVACITY

"Vivacity" is the annual "Techno-Cultural-Management" festival of The LNMIIT organized by cultural council of The 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.

DESPORTIVOS

Desportivos is the student’s annual sports festival of The LNMIIT organized by sports council of students’ gymkhana. It attracts a wide spectrum of students from all over the country. The festival incorporates a wide range of outdoor as well as indoor sports activities like cricket, badminton, volleyball, basketball, football, table tennis, chess, carom, etc. In Desportivos 2016, more than 1200 participants participated from 74 educational institutes.

PLINTH

Plinth is the technical festival of The LNMIIT, organized by Science and Technology Council, which hosts workshops on current topics and some of the best competitions in the fields of Computing, Robotics, Astronomy, Management, Quizzing, Model United Nations (MUN) and Literature. Eminent speakers from all over India are invited to deliver motivational talks. Plinth-2016 initiated start up internship fair to provide internship opportunities to students in reputed start up companies.
In the first decade, The LNMIIT established expertise and competencies in the core area of IT and ITES. The LNMIIT is raring to go and explore newer and rather unconventional areas. Medical Electronics/Instrumentation, Avionics etc. can be some of these. We plan to bring in co-branded laboratories on our campus with participation from Intel, Cisco and the likes. 5 G is another area along with IoT which is newer unexplored frontier in technology in India. We would like to work in these areas.

In September 2016, The LNMIIT will be hosting the 5th International Conference on ‘Advances in Computing, Communications & Informatics’ and in February 2017 ‘India Software Engineering Conference (ISEC).’ These conferences will provide opportunity to the students of the institute to interact and network with national and international subject experts in IT/ITES domain.
How to Reach The LNMIIT, Jaipur

The LNMIIT campus is well-connected to all the major cities of India by Road, Rail, and Air. The campus is approximately 18 km from the Jaipur Railway Station, 24 km from the International Airport, and 17 km from the Sindhi Camp Bus Station.

Local Taxis are available on call from Airport/ Bus Stand/ Railway Station.

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

OLA Car: (0141) 33 55 335, Merucab: (0141) 44 22 442

For further information, you may contact the following officials:

1. Prof. Sadanand S. Gokhale, Director - director@lnmiit.ac.in
2. Dr. Manju Dharwali, Dean (Academic) - manju@lnmiit.ac.in
3. Dr. Subhayan Biswas, Dean (Students’ Affairs) - subhayan@lnmiit.ac.in
4. Prof. Ravi P. Gorthi, Dean (Faculty Affairs) - rgorthi@lnmiit.ac.in
5. Col. Mohanjeet Singh Pathania (Retd.), Deputy Registrar - registrar@lnmiit.ac.in
Postal Address (For Speed Post and Registered Post only)
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Rupa ki Nangal, Post-Sumel, Via-Jamdoli, Jaipur-302 031 (Rajasthan) India
Website: www.lnmiit.ac.in

U.G. Admission 1800-180-6566 (Toll Free) ugadmissions@lnmiit.ac.in
0141-5191-791/792/731

P.G. Admission 0141-5191-719 pgadmissions@lnmiit.ac.in

Any change in the information provided in this brochure will be made available on the admission website. It is advised that the applicants visit the website regularly for updates related to the admissions 2016.

(As on March, 2016)