



*Excellence Our Motto  
Discipline Our Way*

## Institute Brochure 2018-2019



### THE LNM INSTITUTE OF INFORMATION TECHNOLOGY

(Deemed-to-be-University, under Section 3 of UGC Act 1956)

A Joint Venture of Lakshmi & Usha Mittal Foundation and Govt. of Rajasthan

NAAC Accreditation - 'A' Grade

AICTE Approved Engineering Programmes

# Realising Dreams

Pursuing Excellence for a Bright Future

## Commitment to High Quality Education



Merit based Admission

No Capitation Fee

No Management Quota

Merit, Merit-cum-Means, BPL Scholarship

Industry Oriented Courses

Academic Collaboration with Microsoft, IBM

Cobranded Labs with Microsoft, TI, IBM, KPIT, ARM, Intel

Student Exchange Programs

MoUs with Foreign Universities

Technology Business Incubation

## Institute Recognitions



Accredited with 'A' Grade by NAAC of UGC

AICTE approved UG & PG Engineering Programmes

Ranked 3<sup>rd</sup> best Institute in 'Research and Innovation' by Careers360 in 2018

Ranked 11<sup>th</sup> best Institute in 'Private Universities' by Careers360 in 2018

Best Student Chapter Award by CSI in 2016 & 2017

## Internship & Placements



Incredible Placements@Amazon, Microsoft, Google, Adobe, etc.

Internship at ArcelorMittal, Kazakhstan

Encouragement to Entrepreneurship

IEEE, ASME, ACM, CSI, SAE Student Chapters & Google Development Group

Well-rounded Personality Development

## Research & Funding



Seven Focused Research Centres

Organization of Workshop, Symposia and Conferences

Financial support by "Earn-While-You-Learn" scheme

Govt. Funded R&D Projects

Financial Support for Research Work

## Infrastructure



ICT Enabled Smart Classrooms

NKN-Internet Connectivity & Wi-Fi Enabled Campus

Fully Residential Campus

Safe Environment for Girls

In/ Out-door Sports Facility & Gymnasium

# Director's Foreword



Dear Young Aspirant,

We are glad that you have chosen to explore your options for higher learning and that the LNMIIT happens to be one Indian institution that has been handpicked by you to take a closer look at as a place where you may wish to get trained in course of your quest for learning and building a career.

The LNM Institute of Information Technology (LNMIIT), Jaipur, is an institution of higher learning focused in select areas of Computing, Communication, ICT, Electronics and carefully chosen traditional engineering and sciences with an innovative blend of interdisciplinary flavour and contemporary relevance including Mechanical & Mechatronics with opportunities in the realms of Robotics, Artificial Intelligence, Data Science, Internet of Things, 5G and beyond.

The Institute, in spite of being young (founded in 2002, jointly by the Government of Rajasthan and the Lakshmi & Usha Mittal Foundation in the public-private partnership mode) is considered as one of the best institutions in its chosen areas of higher learning, both in the state and the country. In addition to having been accredited by the National Assessment & Accreditation Council (NAAC) as an 'A' grade institution, the LNMIIT has been ranked fairly high by many different agencies in the recent past as may be found on its website. In particular, the Institute takes efforts to continuously innovate in multiple spheres and is known to be as one of the best systems in the country outside of the IIT system, both in terms of student and faculty quality and academic and research environment. It has had a history of shaping young and successful entrepreneurs some of whom are absolutely top notch. A look at Alumni profiles at the LNMIIT website would provide you a good sample. We are proud of our alumni just as we are proud of our history.

The Institute takes pride in its eco-system that aims to groom incoming students into academically strong yet well-rounded personality based professionals who could adapt themselves to the challenges posed by the ever-changing world and working environments.

If you are an aspiring student, looking at our Bachelor's, Master's or Doctoral programmes, we welcome you to take a good look at our website to know more about what the Institute has to offer and preferably consider visiting the campus for getting to know it even better by getting the first hand feel of its ambience and interacting with faculty and students so that you could take a well-informed decision.

If you have already applied to the LNMIIT, we wish you all the very best for earning an admission offer. Every admission cycle, we are keen to see our portals brimming with bright young talents keen to make a mark in their respective lives coming to this new home of theirs for next few years!

Welcome to this window to get to know about of the mini-world that we call the LNMIIT, Jaipur!

Prof. Rahul Banerjee, Ph.D. (CSE)  
Director

# Institute at a Glance



- 100-acres of lush green residential campus with world-class academic, sports and healthcare facilities.
- Accredited by NAAC of UGC with 'A' Grade.
- All the UG & PG Engineering Programmes are approved by AICTE with effect from Academic Session 2018-2019.
- Ranked 3<sup>rd</sup> best Institute in 'Research and Innovation' Category among the Private Engineering Universities by Careers360 in 2018.
- Ranked 11<sup>th</sup> best Institute in 'Private Universities' Category by Careers360 in 2018.
- Best Student Chapter Award by Computer Society of India (CSI) in 2016 & 2017.
- ~ 90% placement record with Highest Package of 27 Lakhs/ Annum and Average Package of 6.95 Lakhs/ Annum for 2017 graduating batch.
- ~ 85% placement record with Highest Package of 29.5 Lakhs/ Annum and Average Package of 7.27 Lakhs/ Annum for 2018 graduating batch (Placement Session for 2018 batch is still on).
- Highly accomplished and research-oriented faculty members possessing Ph.D. degrees from IITs and other premier institutes of India and abroad (~ 90% of faculty hold a Ph.D. degree).
- Numerous alumni have pursued higher studies or have interned at premier institutions like Columbia University, USA; Carnegie Mellon University, USA; North Carolina State University, USA; Kings College, London, UK; University of Oxford, UK; Aston University, Birmingham, UK; Simon Fraser University, Vancouver, Canada; RWTH Aachen University, Germany; Technical University of Munich, Germany; INRIA, France; Waterford Institute of Technology, Ireland; Queensland University of Technology, Australia; Nanyang Technological University (NTU), Singapore; BMW, Germany; as well as IITs, IIMs, XLRI, etc. in India.
- Alumni network spread globally (about 64% in North America, 21% in Europe, and the rest in Singapore, China and Australia). Few notable achievements of our alumni:
  - ❖ Hemant Purohit, Ph.D.: Working as an Assistant Professor, Information Sciences and Technology at George Mason University, Washington DC.
  - ❖ Sanjay Goyal, Ph.D.: Senior Engineer, InterDigital Labs, Tandon School of Engineering, New York University, Brooklyn, USA.
  - ❖ Jatin Sharma: Young India Fellow; Research Engineer, Element Inc., New York, USA.
  - ❖ Radhika Loomba, Ph.D.: Research Scientist, Intel Labs Europe.
  - ❖ Saket Modi: CEO of Lucideus Tech. (an online cyber security company) and selected in the Forbes '30 Under 30' list in 2016.
  - ❖ Dhiyavasu Bhaduria: Co-founder and CEO, EventGraphia.
- Industry-oriented courses with co-branded laboratories from Microsoft®, IBM®, Intel®, etc.
- State-of-the-art equipment from National Instruments (NI), Texas Instruments (TI), HP, etc.
- High Performance Computing (HPC) facility of seven nodes with 140-core.
- Provision of Merit, Merit-cum-Means and BPL scholarship for the deserving students.
- Financial support to needy students by the way of "Earn-While-You-Learn" scheme.
- Provision for significant financial support to the students and faculty members for presenting research papers in reputed refereed national and international conferences.
- Option available to the select students for Semester-Long Internship (SLI) at industries and research laboratories.
- Opportunity to limited number of students for changing the Branch of Study, after First Semester, based on the academic merit.
- Seven specialized centres of Research and one centre for enabling Entrepreneurship/ Incubation.

# Preamble



The LNMIIT was founded in 2002 as a joint venture between Govt. of Rajasthan and Lakshmi & Usha Mittal (LUM) Foundation as a philanthropic initiative. With the emphasis on quality and rigour 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. Till now, about 1900 students have graduated from the undergraduate (B. Tech.) programmes and nearly 100 students from the postgraduate (M.Tech., M. S. by Research, Ph.D.) programmes. Currently, total number of undergraduate students is about 1700 and postgraduate students including Ph.D. candidates is ~70. Girls constitute ~30% of total students.

The Institute is guided, in broad terms, by its Governing Council (GC) which is headed by its Founding Chairman, Padma Vibhushan Mr. L. N. Mittal, who is also the President and CEO of ArcelorMittal, one of the largest multinational steel and mining companies, apart from having his interests in petrochemical and energy sector through HMEL, a joint enterprise of HPCL and Mittal Energy Ltd.





# Governing Council



The Governing Council (GC) 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

**Mr. Prabh Das, Ex-IAS**

(LUM Foundation)  
MD & CEO - HMEI

**Shri Rajan Tandon**

(LUM Foundation)

Vice President (Finance), Mittal Investment U.K. Ltd.

**Prof. Pankaj Jalote**

(Academic Institution)  
Director

Indraprastha Institute of Information  
Technology (IIIT), Delhi

**Prof. B. Ravi**

(Academic Institution)

Professor - Mechanical Engineering  
Indian Institute of Technology (IIT), Bombay

**Mr. V. Krishnan**

(IT Industry)

Talent Development Specialist  
& Performance Consultant  
(Former Head - Learning Shared Services,  
HCL Technologies Limited)

**Prof. Ravi P. Gorthi\***

Dean (Academics)  
The LNMIIT, Jaipur

**Prof. S. C. Sahasrabudhe**

(Academic Institution)  
Former Director  
DAIICCT, Gandhinagar

**Mr. Devendra Bhushan Gupta, IAS**

Chief Secretary\*  
Government of Rajasthan

**Dr. Subodh Agarwal, IAS**

Additional Chief Secretary\*  
Higher & Technical Education  
Government of Rajasthan

**Mr. Mukesh Kumar Sharma, IAS**

Additional Chief Secretary\*  
Department of Finance  
Government of Rajasthan

**Prof. Arjun Dasgupta**

(UGC Nominee)  
Former Professor

Department of Library & Information,  
University of Calcutta

**Prof. Rahul Banerjee\***

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 catalyst in the societal and national development, by ensuring continuous interaction with industry and other academic & research institutions in India and abroad.

## Mission of the Institute

- To offer state-of-the-art undergraduate programmes in Information Technology (IT) and Information Technology Enabled Services (ITES) as well as core disciplines with emphasis on strong fundamentals, while retaining its interdisciplinary edge.
- To establish centres 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, 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 engineering and technology, basic sciences, and humanities & social sciences.
- To focus on Ph.D. programme in all disciplines.
- To participate in e-governance and similar projects of the state of Rajasthan.
- To enhance participation in various sponsored and competitive, National/ International, grant based projects in the areas of research of the Institute.
- To participate and contribute in various relevant projects and outreach initiatives of the state of Rajasthan.
- To optimize the use of critical resources.
- 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.

# Department/ Programme



The Institute offers various programmes in the following disciplines:

## Communication & Computer Engineering (CCE)

The Communication & Computer Engineering (CCE) discipline was established in the year 2003, with the following objectives that the graduate will:

- Be able to apply the principles of computer science and communication principles, basic mathematics, and science to solve real life problems requiring knowledge of the discipline.
- Be successful professionals/ entrepreneurs in diverse career paths including computer software or in the domain of electronic communication or in pursuing higher studies.
- Be engaged in learning, understanding and applying new ideas and technologies in multi-faceted and multi-disciplinary projects by being an effective leader or team member.
- Exhibit professionalism in their engineering ability, ethical values, technical communication skills, and have ability to provide solutions that are technically strong, economically feasible, socially acceptable, and bounded by law or regulatory constraints.

The CCE discipline is arguably one of the best career options on offer at LNMIIT, in terms of current market needs in Internet of Things (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 laboratory facilities include the Electronics Lab, Analog Communication Lab, Programming Lab, Digital Communication Lab, DBMS Lab, Computer Networks Lab, E-CAD Lab, and Microwave & Optical Communication Lab.

The CCE programme was the first flagship programme offered by the LNMIIT and is currently run jointly by Departments of ECE and CSE.



# **Electronics & Communication Engineering (ECE)**

The Electronics & Communication Engineering (ECE) discipline was established in the year 2008, with the following objectives that the graduates will:

- Be able to integrate, apply fundamental knowledge of Electronics and Communication Engineering, basic sciences and mathematics for solving complex real life problems.
- Be able to apply advanced engineering techniques and tools to implement multidisciplinary projects, developmental challenges with responsibility and leadership.
- Engage in effective teamwork & collaborative project or work requiring technical, environmental, and socio-economic considerations through life-long learning, research activities, mentorship and dissemination of work by publications, presentations, etc.
- Exhibit professionalism in their engineering ability, ethical values, technical communication skill, to provide solutions that are technically sound, economically feasible, bounded by law and regulatory constraints, and socially acceptable.

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. The department offers advanced elective courses, which enable the students to specialize in Communication, Signal Processing, Robotics, Very Large Scale Integration (VLSI), Embedded Systems, and other streams. The ECE department offers B. Tech., B. Tech. - M. Tech. (Integrated Dual Degree), M. Tech., M. S. (by Research), as well as Ph.D. programme.

The programmes have been designed in such a way that by carefully selecting a set of relevant courses, a student can earn specialized knowledge in the areas of interest like 'Mobile Communication', 'VLSI and Embedded Systems Design', etc., depending upon availability of resources and adequate interest of a certain minimum number of students in a specific area of the discipline. These programmes are run by the Department of Electronics and Communication Engineering with due inputs from select other departments.



# Computer Science & Engineering (CSE)

The Computer Science & Engineering (CSE) discipline was established in the year 2008, with the following objectives that the graduates will:

- Be able to apply the principles of computer science, basic mathematics, and science to solve problems requiring knowledge of the discipline.
- Be able to identify and analyze Information Technology related problems and propose solutions to address them.
- Be engaged in learning, understanding and applying new ideas and technologies in multi-faceted and multi-disciplinary projects by being an effective leader or team member.
- Be socially and globally aware of contemporary issues, possess ethical values and communication skills.

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, Data Structures and Algorithms Lab, Computer Organization and Architecture Lab, Database Lab, Operating Systems Lab, and Computer Networks Lab. The CSE Department offers B. Tech., B. Tech. - M. Tech. (Integrated Dual Degree), Specialized M. Tech. programmes, M. S. (by Research), as well as Ph.D. programme.

The programmes have been designed in such a way that by carefully selecting a set of relevant courses, a student can earn specialized knowledge in the areas of interest like 'Data Science', 'IoT/ CPS', 'Artificial Intelligence (AI)', 'Cyber Security', etc. depending upon availability of resources and adequate interest of a certain minimum number of students in a specific area of the discipline. These programmes are run by the Department of Computer Science and Engineering with due inputs from select other departments.



## Mechanical Engineering (ME)

The main objective of the Mechanical Engineering undergraduate programme is to make positive, substantive, and lasting contributions to the lives of 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 Nanotechnology, etc.
- The graduates will have the communication, leadership skills and an understanding of ethical choices in the Engineering profession.

The ME team is composed of young and energetic faculty members having adequate academic and industrial experience. The programmes have been designed in such a way that by carefully selecting a set of relevant courses, a student can earn specialized knowledge in the areas of interest like 'Mechatronics' and 'Automotive Technology', depending upon availability of resources and adequate interest of a certain minimum number of students in a specific area of the discipline. These programmes are offered by the Department of Mechanical & Mechatronics Engineering (MME). The MME Department offers B. Tech. (ME) and Ph.D. programmes as of now although more programmes are in the planning stage.



## Mathematics

The Department of Mathematics has a vision to establish a centre for research and teaching excellence in Mathematics of international repute. The Department 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. The faculty members are actively pursuing research in the areas of Topology, Stochastic Control, Partial Differential Equations, Numerical Analysis, Computational PDEs, Scientific/ Parallel Computing, Cryptography, Number Theory and Functional Analysis. Moreover, the faculty members are involved in collaborative research activities within India and abroad in their respective research areas. At present, the Department offers 2-Year M.Sc. Programme and Ph.D. Programme. The M.Sc. programme is designed to offer a complete, balanced combination of courses in Mathematics (including both theory and applications).

The long term vision of the Mathematics Department is to produce leaders in Mathematics at institutional, state, national and international level and to become a leading department in the country by imparting mathematics education in order to support the development of best practices and provide opportunities for participation in cutting-edge research to current and future professionals. The values that guide our decisions, strategies and actions are: Excellence, Integrity, Leadership, Innovation, and Ethics.

The Department of Mathematics was established with the following objectives:

- To produce qualified graduates who are equipped with deeper insight and research skills in the field of Mathematics.
- To encourage interdisciplinary research with other areas.
- To leverage the diversity of our faculty through the integration of ongoing scientific/ mathematics research with our innovative research and leadership.
- To utilize the diverse expertise of our faculty both within the Department and in collaborative efforts with other Departments, Institutes and Universities to strengthen the overall quality of the Department and to develop professional bonds.

## Humanities and Social Sciences (HSS)

The Department of Humanities and Social Sciences is multi-disciplinary in nature with the vision to provide value based education to future engineers, making them sensitive towards wide range of humane and social issues and enabling them to combine technical knowledge with social, cultural, economic, ethical, and humane issues involved in societal development. Moreover, it also focuses on enhancing communication and professional skills of the students.

The Department offers core courses and elective courses in the areas of English, Economics, Psychology, Business Skills, Public Policy, Philosophy and other allied areas. Currently, it offers Ph.D. programme in English, Applied Linguistics, Economics and Psychology.

## Physics

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 Organic Electronics, Nano-materials and their applications in Optoelectronics, Material Science, Solar Cells, Cosmology, High Energy Physics, Gravity, Biophysics, Condensed Matter Physics, Biosensors and Nanotechnology. The approaches include experimental, theoretical and computational. The faculty members are currently executing a number of projects received from external funding agencies like DST, CSIR and UGC-DAE.

The Department is very cohesive and supportive of the research carried out by its members. It encourages collaboration from both within and outside the Department/ Institute. The Department offers two Physics core courses for first year B. Tech. students with laboratory, along with many elective courses for all branches of B. Tech., in addition to offering M.Sc., and Ph.D. programmes. The Institute has established a Centre of Excellence in the area of Material Science and Energy Studies. Thus the Physics Department is well poised to build on its strengths and deepen its pursuit of excellence.

# Faculty and Staff Profiles



As on April 2018, total number of faculty members (including visiting faculty) is ~80. Most of them are with a Ph.D. Degree and the remaining are pursuing.

## Regular Faculty

### Department of Computer Science & Engineering

<b>Rahul Banerjee</b> Professor & Director (The LNMIIT) Ph.D., Faculty of Engg. & Tech., AU <i>Research Areas: Computer Networking, Wearable Computing, Ubiquitous Computing (CPS/ IoT)</i>	<b>Ravi Prakash Gorthi</b> Professor & Dean (Academics) Ph.D., IIT Madras <i>Research Areas: Software, Performance Engineering, e-Commerce, Emotions Based Voice User Interface</i>
<b>Subrat Kumar Dash</b> Associate Professor & HoD (Dept. of CSE) Ph.D., University of Hyderabad <i>Research Areas: System Security, Data Mining, Behaviour Modeling</i>	<b>Sakthi Balan Muthiah</b> Associate Professor & Dean (Faculty Affairs) Ph.D., IIT Madras <i>Research Areas: Data Analytics, in particular Text Analytics, Cognition and Emotion Modelling, Bio-computing, Formal Language and Automata Theory</i>
<b>Hemant Kumar Mehta</b> Associate Professor Ph.D., DA University <i>Research Areas: High Performance Distributed and Parallel Computing</i>	<b>Jayaprakash Kar</b> Associate Professor Ph.D., Utkal University, Bhubaneswar <i>Research Areas: Cryptology, Provable Security and Random Oracle, Information and Cyber Security</i>
<b>Anukriti Bansal</b> Assistant Professor Ph.D., IIT Delhi <i>Research Areas: Image Processing, Machine Learning, Pattern Recognition</i>	<b>Bharavi Mishra</b> Assistant Professor Ph.D., IIT (BHU) Varanasi <i>Research Areas: Data Mining, Machine Learning &amp; Soft Computing, Operating System</i>
<b>Kshitiz Verma</b> Assistant Professor Ph.D., Universidad Carlos III de Madrid, Spain <i>Research Areas: Machine Learning and its Application</i>	<b>Mukesh Kumar Jadon</b> Assistant Professor Ph.D. (Pursuing), LNMIIT, Jaipur <i>Research Areas: Data and Text Mining</i>
<b>Nirmal Kumar Sivaraman</b> Assistant Professor Ph.D. (Pursuing), LNMIIT, Jaipur <i>Research Areas: Cognitive Modelling, Social Network Analysis</i>	<b>Poonam Gera</b> Assistant Professor Ph.D., IIT Roorkee <i>Research Areas: Security in MANETs, Cloud Security, Network Security</i>

<p><b>Preety Singh</b> Assistant Professor Ph.D., MNIT, Jaipur <i>Research Areas: Image Processing, Biometrics</i></p>	<p><b>Puneet Kumar Jain</b> Assistant Professor Ph.D., IIT Jodhpur <i>Research Areas: Biomedical Signal Processing, DIP</i></p>
<p><b>Rajbir Kaur</b> Assistant Professor Ph.D., MNIT, Jaipur <i>Research Areas: Security in Mobile Ad-Hoc Networks</i></p>	<p><b>Sonam Nahar</b> Assistant Professor Ph.D., DAIICT, Gandhinagar <i>Research Areas: Computer Vision, Image Processing, Machine Learning</i></p>
<p><b>Sudheer Kumar Sharma</b> Assistant Professor Ph.D., JNU, New Delhi <i>Research Areas: Computational Neuroscience, Stochastic Modeling, Information Theory and Machine Learning</i></p>	<p><b>Sunil Kumar</b> Assistant Professor Ph.D., LNMIIT, Jaipur <i>Research Areas: Computer Networks, Sensor Networks, Distributed Systems, Multi-core Systems, Digital Systems</i></p>
<p><b>Vibhor Kant</b> Assistant Professor Ph.D., JNU, New Delhi <i>Research Areas: Machine Learning, Recommender Systems, Data Mining</i></p>	<p><b>Vikas Bajpai</b> Assistant Professor Ph.D. (Pursuing), LNMIIT, Jaipur <i>Research Areas: Software Requirements Engineering, Software Testing, Software Quality Assurance, Architecting Software</i></p>

## Department of Electronics & Communication Engineering

<p><b>Raghuvir Tomar</b> Professor &amp; HoD (Dept. of ECE) Ph.D., IIT Kanpur <i>Research Areas: Electromagnetics, Radio Frequency and Microwaves, Antennas</i></p>	<p><b>Ranjan Gangopadhyay</b> Research Professor Ph.D., IIT Kharagpur <i>Research Areas: Photonics &amp; Wireless Communication, Cognitive Radio</i></p>
<p><b>Kumar Padmanabh</b> Associate Professor Ph.D., IIT Kharagpur <i>Research Areas: IoT, Smart Energy, Sensor Networks</i></p>	<p><b>Kusum Lata</b> Associate Professor, Ph.D., IISc, Bangalore <i>Research Areas: Analog and Mixed Signal Design, Modeling and Design of VLSI Circuits, Low Power and Circuit Design</i></p>
<p><b>Soumitra Debnath</b> Associate Professor &amp; Associate Dean (Admission and Placement) Ph.D., IIT Kharagpur <i>Research Areas: Optical Networks, Queuing Theory, Cognitive Radio</i></p>	<p><b>Abhishek Sharma</b> Assistant Professor Ph.D., University of Genova, Italy <i>Research Areas: Embedded Systems and High Performance Embedded Computing</i></p>

<p><b>Divyang Rawal</b> Assistant Professor Ph.D., DAIICT, Gandhinagar <i>Research Areas: ICT, Signal Processing for Communication</i></p>	<p><b>Joyeeta Singha</b> Assistant Professor Ph.D., NIT, Silchar <i>Research Areas: Image and Video Processing, Hand Gesture Recognition</i></p>
<p><b>Kapil Jainwal</b> Assistant Professor, Ph.D. (Pursuing), IIT Delhi <i>Research Areas: VLSI Design, EDA Tools/ Embedded Systems/ Hardware-Software Coding, VLSI Technology and Fabrication</i></p>	<p><b>M. V. Deepak Nair</b> Assistant Professor Ph.D., University of Rome Tor-Vergata, Italy <i>Research Areas: Linearization Techniques for High Frequency Power Amplifier</i></p>
<p><b>Navneet Upadhyay</b> Assistant Professor Ph.D., BITS, Pilani <i>Research Areas: Speech Processing, Digital Communication</i></p>	<p><b>Nikhil Sharma</b> Assistant Professor, Ph.D., NSIT, Delhi <i>Research Areas: Wireless Communication, Cooperative Communication, Free-space Optics, Visible Light Communication</i></p>
<p><b>Purnendu Karmakar</b> Assistant Professor, Ph.D. (Pursuing), IIT Kharagpur <i>Research Areas: Wireless Communication, Computer Networks, Trust and Reputation in Virtual Community and Social Network</i></p>	<p><b>Sandeep Saini</b> Assistant Professor Ph.D. (Pursuing), MNIT, Jaipur <i>Research Areas: VLSI Design, Microelectronics</i></p>
<p><b>Santosh Shah</b> Assistant Professor Ph.D., Universidad de Valencia, Spain <i>Research Areas: Wireless Sensor Networks</i></p>	

## Department of Mechanical & Mechatronics Engineering

<p><b>Manoj Kumar</b> Assistant Professor &amp; HoD (Dept. of ME) Ph.D., IIT Delhi <i>Research Areas: Production and Industrial Engineering, Welding Technology</i></p>	<p><b>Ashok Kumar Dargar</b> Associate Professor Ph.D., Jamia Millia Islamia University, Delhi <i>Research Areas: Synthesis and Analysis of Kinematic Chains and Mechanisms</i></p>
<p><b>Kamal Kishore Khatri</b> Associate Professor Ph.D., MNIT, Jaipur <i>Research Areas: Alternate Fuels in IC Engines, Trigeneration, Modeling and Simulation of Thermal/Energy Systems, Application of Nano-fluids</i></p>	<p><b>Vikram Sharma</b> Associate Professor Ph.D., Guru Gobind Singh Indraprastha University, Delhi <i>Research Areas: Supply Chain Management, Lean Manufacturing, CAD/ CAM</i></p>

<p><b>Deepak R. Unune</b> Assistant Professor Ph.D., MNIT, Jaipur <i>Research Areas: Hybrid Machining Processes, Electro Discharge Machining, Modelling and Analysis of Mechanical Systems</i></p>	<p><b>Mohit Makkar</b> Assistant Professor Ph.D., University of Lille 1, France <i>Research Areas: Robotics, Modeling and Simulation, Design of Control Systems, System Dynamics</i></p>
<p><b>Prabin Kumar Jha</b> Assistant Professor Ph.D. (Pursuing), LNMIIT, Jaipur <i>Research Areas: Rail Vehicle Dynamics, Mechatronics System Design for Automotive, Kinematics and Dynamics</i></p>	<p><b>Sandesh S. Chougule</b> Assistant Professor Ph.D., IIT Indore <i>Research Areas: Nano-fluid, Solar Energy, Enhanced Heat Transfer, Jet Impingement</i></p>
<p><b>Shanker Ganesh R.</b> Assistant Professor M.Sc., Newcastle University, U.K. <i>Research Areas: Mobile Robotics, Mechatronics</i></p>	

## Department of Mathematics

<p><b>Mohan K. Kadalbajoo</b> Distinguished Professor, Ph.D., IIT Bombay <i>Research Areas: Numerical Analysis, Parallel Algorithms, Computational PDEs, Computational Finance</i></p>	<p><b>Vikas Gupta</b> Associate Professor &amp; HoD (Dept. of Mathematics) Ph.D., IIT Kanpur <i>Research Areas: Numerical Analysis, Singularly Perturbed Problems, B-spline</i></p>
<p><b>Ajit Patel</b> Associate Professor, Ph.D., IIT Bombay <i>Research Areas: Numerical Analysis, Computational PDEs, Finite Element Methods</i></p>	<p><b>Pratibha Garg</b> Associate Professor Ph.D., IIT Delhi <i>Research Areas: Topological and Function Space</i></p>
<p><b>Dheerendra Mishra</b> Assistant Professor Ph.D., IIT Kharagpur <i>Research Areas: Cryptography, Privacy, Authentication Protocol, Security</i></p>	<p><b>Manish Garg</b> Assistant Professor Ph.D., IIT Roorkee <i>Research Areas: Cryptography, Boolean Functions and Finite Field</i></p>
<p><b>Raj Kumar Mistri</b> Assistant Professor Ph.D., IIT Patna <i>Research Areas: Number Theory</i></p>	<p><b>Somnath Maiti</b> Assistant Professor Ph.D., IIT Kharagpur <i>Research Areas: Mathematical Modeling, Bio-fluid Mechanics, Computational Fluid Dynamics</i></p>

**Sunil Kumar Gauttam**

Assistant Professor

Ph.D., IIT Bombay

*Research Areas: Stochastic Control, Probability Theory, Stochastic Processes***Trivedi Harsh Chandrakant**

Assistant Professor

Ph.D., IIT Bombay

*Research Areas: Functional Analysis***Department of Humanities and Social Sciences****Manju Dhariwal**

Professor &amp; Dean (Alumni Affairs &amp; Resource Generation)

Ph.D., Univ. of Rajasthan

*Research Areas: English Language and Literature, Communication Theory***Rajbala Singh**

Associate Professor &amp; HoD (Dept. of HSS)

Ph.D., IIT Kanpur

*Research Areas: Health Psychology, Psychology of Technology, Organizational Behaviour***Narendra Kumar**

Associate Professor &amp; Associate Dean (Academics)

Ph.D., Univ. of Rajasthan

*Research Areas: Postcolonial Studies, Cultural Studies, Literatures of the Indian Subcontinent, Adaptation Studies***Anu Malik**

Assistant Professor

Ph.D., IIT Kanpur

*Research Areas: Health Psychology***Payel Pal**

Assistant Professor, Ph.D., IIT Kanpur

*Research Areas: American Literature, Feminist Literature, Dysphoria Literature***Surinder Singh Nehra**

Assistant Professor, Ph.D., University of Pune

*Research Areas: Social Security Urbanisation, Infrastructure***Usha Kanoongo**

Assistant Professor, Ph.D., Univ. of Rajasthan

*Research Areas: Applied Linguistics, English Language Teaching, Computer-mediated Communication***Department of Physics****Anupam Singh**

Professor &amp; Dean (Student Affairs)

Ph.D., Carnegie Mellon University, USA

*Research Areas: High Energy Physics and Cosmology***Ganesh Dutt Sharma**

Professor &amp; Dean (Research &amp; Consultancy)

Ph.D., IIT Delhi

*Research Areas: Organic Electronics, Organic Solar Cells, Dye Sensitized Solar Cells, Nano-Science and Technology***Somnath Biswas**

Professor &amp; HoD (Dept. of Physics)

Ph.D., IIT Kharagpur

*Research Areas: Magnetic Nano-materials and Nano-structures, Spintronic Devices, FET-based Sensor Devices, Materials for Fuel Cells and Hydrogen Storage***Subhayan Biswas**

Associate Professor

Ph.D., IACS, Kolkata

*Research Areas: Third Generation Solar Cells, Photocatalysis*

<p><b>Amit Neogi</b> Assistant Professor &amp; Chief Warden Ph.D., IIT Kanpur <i>Research Areas: Laser Plasma</i></p>	<p><b>Anjishnu Sarkar</b> Assistant Professor Ph.D., IIT Bombay <i>Research Areas: Cosmology, Particle Physics, Supersymmetric Model Building</i></p>
<p><b>Ashok Garai</b> Assistant Professor Ph.D., IIT Kanpur <i>Research Areas: Theoretical &amp; Computational Biophysics, Molecular Motors, Genetic Networks, Theory of Single Molecular Pulling Experiments, DNA Nanomechanics</i></p>	<p><b>Manish Kumar Singh</b> Assistant Professor Ph.D., MNNIT, Allahabad <i>Research Areas: Solid State Physics, Electronics, Nanomaterials, Laser Ablation in Liquids &amp; Biosensors</i></p>
<p><b>Nabyendu Das</b> Assistant Professor Ph.D., Institute of Physics, Bhubaneswar <i>Research Areas: Theoretical Condensed Matter Physics</i></p>	<p><b>Pomita Ghoshal</b> Assistant Professor Ph.D., HRI, Allahabad University <i>Research Areas: Particle Physics</i></p>
<p><b>Rakesh Tibrewala</b> Assistant Professor Ph.D., Tata Institute of Fundamental Research, Mumbai <i>Research Areas: General Relativity, Aspects of Quantum Gravity</i></p>	

## Guest Faculty

<p><b>Ambika Pratap Singh</b> MBA, Master of Financial Management, JBIMS, Mumbai Dept. of HSS</p>	<p><b>Ankita Chaturvedi</b> Ph.D., IIT Roorkee Dept. of Mathematics</p>
<p><b>Ankush Choudhary</b> Ph.D. (Pursuing), LNMIIT, Jaipur Dept. of MME</p>	<p><b>Arpi Majumder</b> Ph.D., Jadavpur University, Kolkata Dept. of MME</p>
<p><b>O. P. Katyal, Ph.D.</b> Dept. of Physics</p>	<p><b>OM Ji Shukla</b> M. Tech., BITS, Pilani Dept. of MME</p>
<p><b>Ranju Mehta, Ph.D.</b> Dept. of HSS</p>	<p><b>Rashmi Patni, Ph.D.</b> Dept. of HSS</p>
<p><b>Shweta Bhandari</b> Dept. of CSE</p>	

## Officers & Select Other Points of Contact

<b>Dr. Renu Bapna</b> Registrar	<b>C. A. Ashok Kumar Salecha</b> Finance & Purchase Officer
<b>Yogesh Kumar Singhal</b> Estate Officer	<b>Manuj Sharma</b> Training and Placement Officer
<b>Dr. Shweta Pandey</b> Assistant Librarian	<b>Dr. Chand Singh Panwar</b> Resident Medical Officer
<b>Abhijit Galav</b> Project & Maintenance Manager	<b>Dr. Raghuveer Singh Charan</b> Assistant Sports Officer
<b>Rajeev Saxena</b> Assistant Registrar - Academic	<b>Ajeet Singh Rawat</b> Assistant Registrar - Establishment & Examination
<b>Samar Singh</b> Assistant Registrar - Student Services	<b>Mukesh Kumar Sharma</b> System Administrator
<b>Ram Swaroop Sharma</b> Superintendent - Administration	<b>Mansimran Sawhney</b> Jr. Officer Admissions



# Teaching and Research



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

## Computer Science & Engineering (CSE)

- Computer Security      • Data Analytics
- Internet of Things      • Machine Learning
- Software Engineering      • Computer Vision
- Wearable Computing      • Artificial Intelligence

## Electronics & Communication Engg. (ECE)

- Communication and Signal Processing
- Optical Communication
- RF and Microwave
- VLSI and Embedded Systems Design
- Wireless Communication

## Mechanical Engineering (ME)

- Machine Design
- Manufacturing Technology
- Thermal and Renewable Energy
- Automotive Electronics
- Automotive Technology
- Robotics and Automation
- Industrial Engineering and Management
- Aerodynamics
- Nano, Micro and Bulk Material Processing

## Humanities and Social Sciences (HSS)

- **English:** Early Twentieth Century Literature, Postcolonial Studies, Cultural Studies, Film and Adaptation Studies, Modernist Studies, Contemporary Literature of the

Indian Subcontinent, Applied Linguistics, English Language Teaching, Computer-mediated Communication

- **Psychology:** Technology and Psychology, Health Psychology, Positive Psychology, Organizational Behaviour
- **Economics:** Labour Economics, Developmental Economics, Environmental Economics, International Economics

## Physics

- Experimental Material Science (Magnetic Nanostructures, Photonic Materials, SOFC Materials, Plasmonic Materials)
- Photovoltaics              • High Energy Physics
- General Relativity & Quantum Gravity
- Theoretical Condensed Matter Physics
- Theoretical & Computational Biophysics
- Organic Semiconductors
- Device Physics (Spin-FETs, Thin-film Transistors)
- Theoretical Cosmology
- Biosensors

## Mathematics

- Computational PDEs      • Numerical Analysis
- Probability Theory      • Cryptography
- Topology and Function Space
- Computational Fluid Dynamics



## Selected Workshops, Symposia & Conferences

### Organized



Title of the Event	Duration
Workshop on MATLAB	Feb. 2-4, 2018
Workshop on Robotics	Jan. 22-28, 2018
Training on Modular Production System, Distributing Station and CIROS	Jan. 3-4, 2018
National Instructional Workshop on Cryptography (NIWC)	Jul. 5-7, 2017
Workshop on PLC, HMI/ MMI, SCADA, Interfacing Project	Apr. 1-3, 2017
Innovations in Software Engineering Conference	Feb. 5-7, 2017
Advanced Level Workshop on Diffusion and Sub-Diffusion Problems: Theory, Numerics and Applications (WDSDPTNA)	Jan. 31-Feb. 5, 2017
Training on LabVIEW	Dec. 6-8, 2016
All India Student - Young Professional - Women in Engineering - Congress (AISYWC)	Oct. 7-9, 2016
5 <sup>th</sup> International Conference on Computing, Communication and Informatics (ICACCI)	Sep. 21-24, 2016
National Workshop on Cryptography (NWC)	Dec. 14-20, 2015
Workshop on SPY BOT, in association with Techfleeters Infotech Pvt. Ltd.	Nov. 1, 2015
National Workshop on VLSI and Embedded Systems Design using Xilinx Vivado Design Suite & ZyboSoC	Sep. 25-27, 2015
Workshop on Control Systems and Automation using MATLAB	Aug. 21-22, 2015
National Program on Differential Equations: Theory, Computation & Applications (NPDE-TCA)	May 18-Jun. 6, 2015
Workshop on Modeling, Simulation and Computational Techniques (WMSC)	Jan. 15-17, 2015
Conference on Partial Differential Equations	Dec. 10-11, 2014
Workshop on Hyperbolic PDEs: Theory, Numerics and Applications	Dec. 1-9, 2014
Workshop on GPU Computing	Aug. 9, 2014
International Workshop on Emerging Trends in Information Technology (ETIT)	Feb. 14-15, 2014

# Sanctioned Research & Development Projects



Principal Investigator	Funding Amount	Project Title	Funding Agency and Duration of the Project
Dr. Ashok Garai	Rs. 26.65 Lakhs	Elasticity of Telomeric DNA and the Effect of Human TRF1 Protein Binding	Science & Engineering Research Board (SERB), DST, Govt. of India (2018-2021)
Dr. Dheerendra Mishra	Rs. 15.07 Lakhs	Design and Analysis of Content Distribution Framework for Digital Rights Management Systems Based on Cryptographic Primitives	Science & Engineering Research Board (SERB), DST, Govt. of India (2016-2019)
Prof. Ganesh D. Sharma	Rs. 125 Lakhs	Development of New Small Molecules and Device Architectures for Highly Efficient and Reliable Organic Solar Cells	Department of Science and Technology (DST), Govt. of India (2016-2019)
Prof. Ranjan Gangopadhyay	Rs. 102.96 Lakhs	Mobile Broadband Service Support over Cognitive Radio Networks	ITRA, DeitY (2013-2018)
Dr. Subhayan Biswas	Rs. 11 Lakhs	Development of Solar Cells Utilizing Quantum Dot Sensitized Titanium Oxide Nanotube	CSIR (2014-2017)
Dr. Somnath Biswas	Rs. 9 Lakhs	Detection of Biomolecular Interactions with TMR based Sensing using Magnetic Nanotags	UGC-DAE (2014-2017)
Dr. Somnath Biswas	Rs. 13.56 Lakhs	Development of High Hydrostatic Pressure Metal Forms for Hydrogen Storage	DST (2013-2016)
Prof. Anupam Singh Dr. Anjishnu Sarkar	Rs. 12 Lakhs	Non-equilibrium Dynamics of Quantum Fields with Applications to Dark Energy and Inflation	DST (2013-2016)
Dr. Narendra Kumar	Rs. 8 Lakhs	Tracing the Faultlines of Ethnic Conflict in the Postcolonial Indian Subcontinent: Narrative as a Socio-Political Discourse	ICSSR (2014-2016)
Dr. Kamal Kishore Khatri	Rs. 5 Lakhs	Development of Green Campus in The LNMIIT under the "Development of Solar Cities" program of MNRE	Ministry of New and Renewable Energy (MNRE), Govt. of India (2016-2017)
Prof. Rahul Banerjee (Co-PI)	Rs. 40 Lakhs	Realization of Flexible and Scalable VANET with Multi-Tenancy Support using SDN & Network Virtualization	DST-ICPS Programme, Department of Science & Technology, Govt. of India, in Collaboration with B.I.T.S. Pilani.

# Specialized Research Centres



The Institute has created the following Specialized Centres as part of its select focus on sustainable innovation-enablement and technology-based opportunity creation initiatives having the potential to enable early as well as long-term benefits to the campus, society and the nation. These centres are envisioned to become an innovation, research, technology development, skill-development, consulting and outreach hub, as applicable, around which not only the LNMIIT but also many other institutions in the vicinity (or even beyond) might get enabled over the years.

Name of the Centre	Description/ Objectives	Centre Lead
Centre for Next Generation Communication Networks (C-NGCN)	<p>The C-NGCN focuses on:</p> <ul style="list-style-type: none"><li>• Sponsored research and creation of software/hardware research laboratory for xG Communication Networks.</li><li>• Development of new elective courses on relevant topics, such as, 5G Wireless, SDN, Massive MIMO, Mm-wave Techniques, etc.</li><li>• Conducting workshops on "Emerging Technologies for Next-Generation 5G".</li></ul>	Prof. Ranjan Gangopadhyay
LNMIIT Centre for Technology Business Incubation & Entrepreneurial Leadership (L-CTBIEL)	<p>This centre aims at:</p> <ul style="list-style-type: none"><li>• Providing a platform for faculty, staff, students and alumni for innovation, incubation and entrepreneurial leadership.</li><li>• Enabling technology-based solutions to problems that might be being faced by the campus, society, state and the nation.</li><li>• Providing Business Assistance and Mentoring, accelerate emerging companies' development by providing hands-on assistance during the vulnerable start-up years.</li></ul>	Prof. Anupam Singh
Centre for Machine Learning and Big Data Analytics (CML-BDA)	<ul style="list-style-type: none"><li>• Centre for Machine Learning and Big Data Analytics (CML-BDA) is set up with a vision to be a sustainable centre of excellence in terms of research, innovation, development and new venture creation in Machine Learning, Big Data, Business Analytics, Information Retrieval and associated areas.</li><li>• It is focused on quality research and development through multi-disciplinary and collaborative approach.</li><li>• Current thrust areas of work include ML algorithms for Big data analytics, Social media analytics, Social behaviour analysis, Real-time event identification and Issues in a smart city environment.</li></ul>	Dr. Subrat Kumar Dash

Centre for Material Science and Energy Studies (CMS-ES)	<p>This centre aims to:</p> <ul style="list-style-type: none"> <li>• Create innovation based technological solution in the field of materials and energy for the industry and society.</li> <li>• Develop capacity building and help develop sustainable campus w.r.t. resources, e.g., materials, energy and water, etc.</li> </ul>	Dr. Kamal Kishore Khatri Dr. Somnath Biswas (Co-Lead)
Centre for Cryptography, Cyber Security and Digital Forensics (C3SDF)	<ul style="list-style-type: none"> <li>• The Centre is carrying out industry-relevant research involving Information Security, Cryptography, Cyber Security and Digital Forensics to address current and potential cyber security and digital forensic challenges.</li> <li>• Its strategic objective is to promote wide-ranging multidisciplinary research and to train and develop skills in cyber security and digital forensic amongst its students and the wider community through seminars, workshops and training.</li> </ul>	Dr. Dheerendra Mishra
LNMIIT Centre for Smart Technology (L-CST)	<ul style="list-style-type: none"> <li>• This centre focuses on the IoT/ Cyber-Physical System Space.</li> <li>• L-CST envisions to make LNMIIT as a zero waste campus.</li> <li>• The centre aims to develop a system to identify and eliminate wastage of all kinds of natural resources.</li> <li>• Efforts are on to develop a mechanism to systematically evolve a research prototype into industry prototype and minimum viable product in time bound and gated approach.</li> <li>• Attaining smart-energy monitoring and management solutions for campus is one of its agenda item of work.</li> </ul>	Dr. Abhishek Sharma
LNMIIT Centre for Robotics and Artificial Intelligence (L-CRAI)	<p>The L-CRAI aims to:</p> <ul style="list-style-type: none"> <li>• Create innovation based technological solution in the field of Robotics and Artificial Intelligence for the industry and society.</li> <li>• Focus on quality research and development through multi-disciplinary and collaborative approach.</li> </ul>	Dr. Mohit Makkar



## Faculty Research Collaborations

A significant fraction of faculty members 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, Pisa, Italy), CERN (Geneva, Switzerland) and National Ilan University (NIU, Taiwan). On a national level, joint research collaborations with IIT Delhi, IRPE Kolkata, NERIST (Arunachal Pradesh), Physical Research Laboratory (Ahmedabad), VNIT (Nagpur), RRCAT (Indore), and IIT Bombay are in place.

## Patents

The Institute encourage its faculty and financially supports the filing of patents after due internal vetting. 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 has been submitted to DST, Rajasthan.



# Admissions to Undergraduate Programmes 2018



## Programmes Offered

The Institute offers undergraduate programmes in the following disciplines:

Programme	Branch	Seats*
B. Tech.	Computer Science and Engineering (CSE)	210
	Electronics and Communication Engineering (ECE)	150
	Communication and Computer Engineering (CCE)	120
	Mechanical Engineering (ME)	90
B. Tech. - M. Tech. (Integrated Dual Degree)**	Computer Science and Engineering (CSE)	10
	Electronics and Communication Engineering (ECE)	10

\* These numbers are tentative in nature. The number of seats may be changed appropriately considering the overall academic quality of incoming students, regulatory permissions, etc.

\*\* Currently operated in integrated mode only.

## UG Admission Policy

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

a) JEE Main Mode	
Eligibility Criteria	<ul style="list-style-type: none"><li>The applicant must be appearing in JEE (Main) 2018 Examination conducted by the Central Board of Secondary Education (CBSE).</li><li>The applicant must have secured an aggregate of at least 60% Marks or equivalent Grade in Class 10<sup>th</sup> Examination.</li><li>The applicant must have secured an aggregate of at least 60% Marks or equivalent Grade in Class 12<sup>th</sup> Examination.</li><li>The applicant must have secured an aggregate of at least 60% Marks or equivalent Grade in Physics, Chemistry and Mathematics in Class 12<sup>th</sup> Examination.</li></ul>
Selection Procedure	<ul style="list-style-type: none"><li>The LNMIIT will draw a Merit List, solely on the basis of total marks obtained in Physics, Chemistry and Mathematics in JEE (Main) 2018 Examination, of only those applicants who have applied to the LNMIIT for admission and fulfill the Eligibility Criteria mentioned above.</li><li>A minimum Cut-off individually for Physics, Chemistry and Mathematics as obtained in the JEE (Main) Examination, as well as the total JEE (Main) Score shall be considered while preparing the Merit List.</li><li>The admission, in this category, will be based on the Merit List drawn by the LNMIIT considering the above mentioned criteria.</li></ul>
Application Fee (Non-refundable)	Rs. 1600/- (Rupees Sixteen Hundred Only)

<b>b) Direct Mode</b>	<b>Only for Central and State Board Toppers</b>
Eligibility Criteria	<ul style="list-style-type: none"> <li>Top 2 students in Class 12<sup>th</sup> Examination of all those Central and State Boards in India who publish authorized Merit List indicating such ranks.</li> <li>Top 10 students in Class 12<sup>th</sup> Examination from the Merit List of the Rajasthan Board of Secondary Education (RBSE), provided that official Merit List mentioning such ranks is published.</li> <li>The applicant must have secured an aggregate of at least 60% Marks or equivalent Grade in Class 10<sup>th</sup> Examination.</li> </ul>
Selection Procedure	<ul style="list-style-type: none"> <li>The applicant needs to submit the Application Form as per the specified format.</li> <li>The applicant needs to submit the proof of the Rank during Counselling and Registration process.</li> </ul>
<b>Application Fee (Non-refundable)</b>	Rs. 1600/- (Rupees Sixteen Hundred Only)
<b>c) DASA (Direct Admission to Students from Abroad) Mode</b>	<b>Only for Foreign Nationals/ PIOs/ NRIs</b>
Residential Requirements	<ul style="list-style-type: none"> <li>The applicant must be a Foreign National/ a Person of Indian Origin residing outside India.</li> <li>A Foreign National may have completed the qualifying examination in any country (including India).</li> <li>However, for a person of Indian origin, s/he must have completed her/his Class 11<sup>th</sup> and 12<sup>th</sup> or equivalent from outside India.</li> </ul>
Academic Eligibility	<ul style="list-style-type: none"> <li>The applicant must have a minimum valid score of 1440 in SAT Subject Tests (Subjects: Mathematics Level 2, Physics, and Chemistry).</li> <li>The applicant must have secured an aggregate of at least 60% Marks or equivalent Grade in Class 10<sup>th</sup> Examination.</li> <li>The applicant must have secured an aggregate of at least 60% Marks or equivalent Grade in Class 12<sup>th</sup> Examination.</li> <li>The applicant must have secured an aggregate of at least 60% Marks or equivalent Grade in Physics, Chemistry, and Mathematics in Class 12<sup>th</sup> Examination or equivalent.</li> </ul>
Selection Procedure	<ul style="list-style-type: none"> <li>The LNMIIT will draw a Merit List, on the basis of SAT Subject Score, of only those applicants who have applied to LNMIIT for admission and fulfill the Eligibility Criteria mentioned above.</li> </ul>
<b>Application Fee (Non-refundable)</b>	\$ 100 (US Dollar One Hundred Only)



d) Lateral Entry Mode for Students	For Students of other Institutes after 1 <sup>st</sup> & 2 <sup>nd</sup> Semester
Eligibility Criteria	<ul style="list-style-type: none"> <li>• The applicant must have secured an aggregate of at least 60% Marks or equivalent Grade in Class 10<sup>th</sup> Examination.</li> <li>• The applicant must have secured an aggregate of at least 60% Marks or equivalent Grade in Class 12<sup>th</sup> Examination.</li> <li>• The applicant must have secured an aggregate of at least 60% Marks or equivalent Grade in Physics, Chemistry, and Mathematics in Class 12<sup>th</sup> Examination.</li> <li>• <b>If the applicant is applying after 1<sup>st</sup> Semester:</b> <ul style="list-style-type: none"> <li>➤ The applicant must have appeared in JEE (Main) Examination in the current academic year (2018-19) conducted by the Central Board of Secondary Education (CBSE).</li> <li>➤ The applicant must have a JEE (Main) Score equal or above the Branch-wise Cut-off Marks of the current academic year (LNMIIT Merit List 2018).</li> </ul> </li> <li>• <b>If the applicant is applying after 2<sup>nd</sup> Semester:</b> <ul style="list-style-type: none"> <li>➤ The applicant must have appeared in JEE (Main) Examination in the previous academic year (2017-18) conducted by the Central Board of Secondary Education (CBSE).</li> <li>➤ The applicant must have a JEE (Main) Score equal or above the Branch-wise Cut-off Marks of the previous academic year (LNMIIT Merit List 2017).</li> </ul> </li> <li>• The applicant must have secured an aggregate of at least 75% Marks or equivalent Grade in Semester I or II, whichever is applicable.</li> </ul>
Selection Procedure	<ul style="list-style-type: none"> <li>• The shortlisted applicants, based on the above mentioned Eligibility Criteria, need to appear for a personal interview conducted by the Lateral Admission Committee.</li> </ul>
Application Fee (Non-refundable)	Rs. 1600/- (Rupees Sixteen Hundred Only)

**Note:**

- Admission Policy and Eligibility Criteria for Admissions to B. Tech.-M. Tech. (Integrated Dual Degree) Programme is exactly same as that of the B. Tech. Programme.
- The Institute reserves the right to reflect any changes with respect to the admission to a programme, number of rounds of seat allocations, respective deadlines, and any changes as may be necessary in view of statutory requirements/ notifications from time to time. However, there would not be any increase in the fee component at any point in time during the admission process.
- The Institute has no provision for either Capitation Fee or Management Quota.



# Fee Structure - UG Admissions 2018

## 1. For Applicants admitted through JEE (Main) 2018/ Direct Mode:

<b>One-time Payment</b>	
Caution Money (One time deposit, Refundable at the end of the Programme, No interest is payable)	Rs. 10,000.00
<b>Per-semester Charges</b>	
Registration Fee	Rs. 3,000.00
Tuition Fee	Rs. 1,16,500.00
Hostel Fee	Rs. 21,000.00
Other Fee*	Rs. 8,500.00
Building Fund	Rs. 3,000.00
Mess Advance (food) Charges - Adjustable as per actual at the end of the Semester	Rs. 16,000.00
<b>Total Amount (For First Semester)</b>	<b>Rs. 1,78,000.00</b>

Applicants are, therefore, required to pay Rs. 1,78,000/- (Rupees One Lakh Seventy Eight Thousand Only) in the First Semester for admission.

## 2. For Applicants admitted through DASA Mode:

<b>One-time Payment</b>	
Caution Money (One time deposit, Refundable at the end of the Programme, No interest is payable)	Rs. 10,000.00
<b>Per-semester Charges</b>	
Registration Fee	Rs. 3,000.00
Tuition Fee	USD 7,000.00
Hostel Fee	Rs. 21,000.00
Other Fee*	Rs. 8,500.00
Building Fund	Rs. 3,000.00
Mess Advance (food) Charges - Adjustable as per actual at the end of the Semester	Rs. 16,000.00
<b>Total Amount</b>	<b>USD 7,000.00 + INR Rs. 61,500.00</b>

DASA Applicants are, therefore, required to pay Tuition Fee of \$7,000/- (USD Seven Thousand Only, for First Year) and the remaining charges of Rs. 61,500/- (Rupees Sixty One Thousand Five Hundred Only, for the First Semester) at the time of admission.

### Note:

- All charges are mandatory, nothing can be waived off in any circumstances.
- \*Other Fee includes the following: Mess Maintenance Charges (Rs. 1000/-), Electricity & Internet Charges (Rs. 6,000/-), and Students Activity Charges (Rs. 1,500/-).
- The Institute runs a skeleton bus service which can be availed on payment basis.
- The Governing Council (GC) of LNMIIT reviews the Fee Structure periodically. There will be an annual increase of approximately 10% in Fee.
- 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 institute's 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 would be decided by AC-HMC.
- Twin sharing accommodation in the hostels for the students. In case, the students are accommodated in 3-seater room (due to shortage of accommodation or any other unforeseen reasons), the Hostel Fees will be adjusted/refunded, in due proportion.
- Medical-cum-Accidental Insurance Charges shall be levied yearly on actual basis from 2<sup>nd</sup> Semester onwards.

# Graduation Requirements for B. Tech. Programme

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

- Earned minimum credits as stipulated in the curriculum of the respective programme.
- Scored a minimum of 5.0 CGPA on a 10-point scale.
- Been enrolled for minimum 8 regular Semesters (4-Years).
- Earned minimum credit requirements within maximum of 12 regular Semesters (6-Years) from the date of joining the institute.

## B. Tech.-M. Tech. (Integrated 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 of the institute to offer such programmes is to keep their UG students within the institute and have fruitful research and product development outputs. This would help in a healthy growth of Institute's as well as students' career. This programme will enable a student to devote longer duration of time to a particular field of interest, while reducing the total time required to gain both B. Tech. and M. Tech. degrees in 5 years.

The LNMIIT, Jaipur is presently offering Dual Degree Programmes in: i) Computer Science and Engineering (CSE) and ii) Electronics and Communication Engineering (ECE). Maximum 10 seats are allocated in both the programmes.

### Admission Process

- A student has to select the Dual Degree programme as an option while submitting the online Application Form.
- The application process for Dual Degree programme is same and will be in parallel to the regular B. Tech. programmes in LNMIIT.
- Eligibility Criteria for admissions in Dual Degree programme would be same as the regular B. Tech. programmes.

### Graduation Requirements

- A student must have a CGPA of 6.0 and above on a 10-point scale to get both the degrees.
- The student would be getting both the degrees at the end of the programme.

#### Note:

- The Tuition Fee for the 9<sup>th</sup> and 10<sup>th</sup> Semester in Dual Degree programme would be half of the regular Tuition Fee.
- Students would be encouraged to appear in GATE Examination in their 4<sup>th</sup> Year to receive the benefit from the scheme.
- Starting from 8<sup>th</sup> Semester, the students would be eligible for PG stipend in terms of Teaching Assistantship - as per the PG Stipend Rules and Regulations of the Institute.
- The student is also eligible for all UG Scholarships offered by the Institute.

### Important Dates, Counseling Procedure, Admission Withdrawal, and Refund Policy

To have the updated information, please visit our website ([www.lnmiit.ac.in/Admissions/ugadmissions](http://www.lnmiit.ac.in/Admissions/ugadmissions)) regularly.

# Admissions to Postgraduate Programmes 2018



## Programmes Offered

The Institute offers postgraduate programmes in the following disciplines:

Programme	Branch	Seats*
M. Sc.	Mathematics	20
	Physics	30
M. Tech.	Computer Science and Engineering (CSE)	15
	Electronics and Communication Engineering (ECE)	15
M. S. (by Research)	Communication and Computer Engineering (CCE)	5
	Computer Science and Engineering (CSE)	
	Electronics and Communication Engineering (ECE)	

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

## Eligibility Criteria

Programme	Eligibility Criteria
M. Sc. (Mathematics)	Minimum 55% or equivalent CPI/ CGPA in B. Sc./ B. A./ B. E./ B. Tech./ B. Sc. (Engineering). Mathematics should be a major subject in the above Bachelor Degree.
M. Sc. (Physics)	A minimum of 55% or equivalent CPI/ CGPA in <ul style="list-style-type: none"><li>• Three-year B.Sc. (Honours in Physics/ Applied Physics or Honours in Electronics/ Material Science/ Computer Science/ Chemistry/ Mathematics/ Statistics with physics is one of the major subjects).</li><li>• Four-year B. Tech./ B. E./ B. Sc. (Engineering) in any branch of Engineering.</li><li>• Three-year general B. Sc. Degree (with Physics as one of the major subjects).</li></ul>
M. Tech. (CSE, ECE)	B.E./ B. Tech. (in appropriate branch of Engineering & Technology) with 60% marks or equivalent CPI/ CGPA.
M. S. (by Research) in CSE, ECE, CCE	B.E./ B. Tech. (in appropriate branch of Engineering & Technology) with 60% marks or equivalent CPI/ CGPA.

**Note:** The students awaiting their qualifying examination result are also eligible to apply.

# Admission Procedure

Admission is offered on the basis of a written test and an interview.

Programme	Procedure & Exemption from Written Exam
M. Sc. (Mathematics / Physics)	JAM qualified students will be exempted from written test.
M. Tech. (CSE/ ECE) and M. S. (by Research) in CCE/CSE/ECE	GATE (CS), GATE (EC) qualified students will be exempted from written test of M. Tech (CSE), M. Tech. (ECE) branches respectively, if the applicant has GATE percentile $\geq 95$ (in CS/ EC streams). Otherwise, the applicant needs to appear for written test and interview both.

## Financial Support

### M. Sc. (Mathematics/ Physics)

- A few assistantships (10 students in Mathematics and Physics each) are available, on the basis of merit/ selection as Teaching Assistantship.
- The assistantship amount at present is Rs. 5,000/- per month. The student's progress will be reviewed at the end of each semester and based on that the Department will recommend the top 10 students for financial support for the next semester. For the first semester, top 10 students will get assistance based on their rank in the admission process.
- Limited financial assistance for national and international travel to present research work in reputed (Tier - I/ Tier - II) refereed National/ International conferences as per the Institute Norms.

### M. Tech. (CSE/ ECE)

- M. Tech. students with valid GATE score shall receive scholarship from MHRD-AICTE.
- Financial support is available, for GATE qualified students, in the form of Teaching Assistantship. The assistantship amount is Rs. 13,600/- per month, in case such students do not get MHRD-AICTE GATE scholarships.
- Limited financial support for selected Non-GATE students (to be decided by the Department based on the students performance) in the form of Teaching Assistantship is also available. The assistantship amount at present is Rs. 5,000/- per month.
- Limited financial assistance for national and international travel to present research work in reputed (Tier - I/ Tier - II) refereed National/ International conferences as per the Institute Norms.
- The total number of assistantships available from the Institute is 10 (CSE and ECE each).

### M. S. (by Research) in CCE/ CSE/ ECE

- Limited financial support is available as Teaching Assistantship. The scholarship amount at present is Rs. 5,000/- per month.

# Fee Structure - PG Admissions 2018

**Application Fee (Non-refundable): Rs. 250/-**

## Fee (Excluding Hostel and Mess Charges)

	M. Sc. (Physics/ Mathematics)	M. Tech. (CSE/ ECE) M. S. (by Research) in CCE/ CSE/ ECE
<b>One-time Payment (Refundable at the end of the Programme, No interest is payable)</b>		
Caution Money	Rs. 10,000.00	Rs. 10,000.00
<b>Per-semester Charges</b>		
Registration Fee	Rs. 3,000.00	Rs. 3,000.00
Tuition Fee	Rs. 20,600.00	Rs. 83,300.00
Building Fund	Rs. 3,000.00	Rs. 3,000.00
Student Activity Charges	Rs. 1,500.00	Rs. 1,500.00
<b>Total Fee for the First Semester</b>	<b>Rs. 38,100.00</b>	<b>Rs. 1,00,800.00</b>
	(Thirty Eight Thousand and One Hundred Only)	(One Lakh and Eight Hundred Only)

## Hostel and Mess Charges (Optional)

Particulars (Per-semester Charges)	M. Sc. (Physics/ Mathematics) M. Tech (CSE/ ECE) M. S. (by Research) in CCE/ CSE/ ECE
Hostel Fee	Rs. 21,000.00
Mess Advance (food) Charges (Adjustable as per actual at the end of the Semester)	Rs. 16,000.00
Mess Maintenance Charges	Rs. 1,000.00
Electricity & Internet Charges	Rs. 6,000.00
<b>Total</b>	<b>Rs. 44,000.00</b> (Forty Four Thousand Only)

### Note:

- Hostel is optional and is subject to availability of the rooms.
- All charges are mandatory, nothing can be waived off in any circumstances except as specified above.
- The Institute runs a skeleton bus service which can be availed on payment basis.
- The Governing Council (GC) of LNMIIT reviews the Fee Structure periodically. There will be an annual increase of approximately 10% in Fee.
- Medical-cum-Accidental Insurance Charges shall be levied yearly on actual basis from 2<sup>nd</sup> Semester onwards.
- Alumni Fee: Lifetime Alumni Association Membership Charge of Rs. 2,000/- (one time) will be levied from all graduating students.

# Admissions to Ph.D. Programmes 2018



## Programmes Offered

The Institute offers Ph.D. programme in the following Departments:

Programme	Department
Ph.D.	Computer Science and Engineering (CSE)
	Electronics and Communication Engineering (ECE)
	Mechanical & Mechatronics Engineering (MME)
	Mathematics
	Physics
	Humanities and Social Sciences (HSS)

## Eligibility Criteria

Department	Minimum Eligibility Criteria
Computer Science and Engineering (CSE)	<ul style="list-style-type: none"><li>Master's Degree in Engineering with a minimum of 60% Marks or equivalent CPI/ CGPA. OR</li></ul>
Electronics and Communication Engineering (ECE)	<ul style="list-style-type: none"><li>Bachelor's Degree in Engineering in relevant field (typically 4-Year Programme) with a minimum of 80% Marks or equivalent CPI/ CGPA and a valid GATE score in the relevant area of application (e.g., for Ph.D. in CSE, the applicant must have B. Tech. in CSE with indicated percentage of Marks or CPI/ CGPA and a valid GATE score in Computer Science and Information Technology (CS)).</li></ul>
Mechanical & Mechatronics Engineering (MME)	<ul style="list-style-type: none"><li>Master's Degree in Mathematics or in the relevant subject with a minimum of 55% Marks or equivalent CPI/ CGPA. OR</li></ul>
Mathematics	<ul style="list-style-type: none"><li>Bachelor's Degree in Science and Engineering (typically 4-Year Programme) relevant to Mathematics and Computing with a minimum of 80% Marks or equivalent CPI/ CGPA.</li></ul>
Physics	<ul style="list-style-type: none"><li>Master's Degree in Physics or in the relevant subject with a minimum of 55% Marks or equivalent CPI/ CGPA. OR</li></ul>
Humanities and Social Sciences (HSS)	<ul style="list-style-type: none"><li>Bachelor's Degree in Science and Engineering (typically 4-Year Programme) relevant to Physics with a minimum of 80% Marks or equivalent CPI/ CGPA.</li></ul>
	<ul style="list-style-type: none"><li>Master's Degree in related subject/ relevant areas with a minimum of 55% Marks or equivalent CPI/ CGPA.</li></ul>

### Note:

- The qualifying degree of the applicant should be from an accredited University/ Deemed-to-be-University or an Institution of Higher Learning of comparable standing. The eligibility criteria given above are the absolute minimum. Institute may prescribe any requirements over and above these. In case the candidates have awarded Grades/ CPI/ CGPA instead of Marks, the applicant would have to produce the Grade-Percentage conversion criterion or formula provided by the Institution/ University from where the applicant has obtained the degree. In case, where, an Institute/ University does not provide any scheme for converting CPI/ CGPA into equivalent Marks, UGC and AICTE guidelines would be applicable.
- For all provisionally admitted students, a designated committee would decide about the number and type of courses need to be completed before appearing for Ph.D. qualifying (comprehensive) examination.

## Admission Procedure

- Admission to the Ph.D. Programme is offered to the eligible candidates on the basis of an Entrance Examination and Interview.
- Consequently, all applicants who qualify in the Written Examination have to appear for the Personal Interview on the same day or very next day.
- Candidates who have qualified for national level fellowships like CSIR/ UGC-NET-JRF, DST-INSPIRE, NBHM Ph.D. Scholarship or equivalent valid fellowship in the relevant subject/ discipline will be exempted from the written examination but not from the interview.
- No request for remote interviews would be entertained.

## Fee Structure - Ph.D. Admissions 2018

**Application Fee (Non-refundable): Rs. 250/-**

### Fee (Excluding Hostel and Mess Charges)

One-time Payment (Refundable at the end of the Programme, No interest is payable)	
Caution Money	Rs. 10,000.00
<b>Per-semester Charges</b>	
Registration Fee	Rs. 3,000.00
Tuition Fee	Rs. 20,600.00
Building Fund	Rs. 3,000.00
Student Activity Charges	Rs. 1,500.00
<b>Total Fee for the First Semester</b>	<b>Rs. 28,100.00</b> (Twenty Eight Thousand and One Hundred Only)

### Hostel and Mess Charges (Optional)

Particulars (Per-semester Charges)	Amount
Hostel Fee	Rs. 21,000.00
Mess Advance (food) Charges (Adjustable as per actual at the end of the Semester)	Rs. 16,000.00
Mess Maintenance Charges	Rs. 1,000.00
Electricity & Internet Charges	Rs. 6,000.00
<b>Total</b>	<b>Rs. 44,000.00</b> (Forty Four Thousand Only)

**Note:**

- Hostel is optional and is subject to availability of the rooms.
- All charges are mandatory, nothing can be waived off in any circumstances except as specified above.
- The Institute runs a skeleton bus service which can be availed on payment basis.
- The Governing Council (GC) of LNMIIIT reviews the Fee Structure periodically. There will be an annual increase of approximately 10% in Fee.
- Medical-cum-Accidental Insurance Charges shall be levied yearly on actual basis from 2<sup>nd</sup> Semester onwards.
- Alumni Fee: Lifetime Alumni Association Membership Charge of Rs. 2,000/- (one time) will be levied from all graduating students.

## Financial Support

- Students may avail financial assistantship from external funding agencies (such as UGC/ CSIR/ NBHM/ DST/ DAE etc.) as well as from industries.
- Financial assistance is also available to the meritorious students in the form of Teaching / Research Assistantship as per Institute Norms, for those candidates who may not have any external fellowship.
- Limited financial assistance is available to attend the Workshops, Short-term Courses, and for national and international travel to present research work in reputed (Tier - I/ Tier - II) refereed National/ International conferences as per the Institute Norms.

# Scholarship Policy



## B. Tech.

- Scholarships (in terms of partial Tuition Fee waiver) are awarded to the meritorious students based on the following criteria:
    - i. **Semester I:**
      - a) Top rankers of JEE (Advanced) 2018 Examination conducted by the Central Board of Secondary Education (CBSE), OR
      - b) The students admitted via the "Direct Mode" of Admission (for the Central and State Board Toppers).
    - ii. **Semester II onwards:** Based on the Academic Performance at LNMIIT (i.e., Cumulative Grade Point Average (CGPA)  $\geq 9.0$ ).
  - Scholarship policies are reviewed periodically by the Academic Council (AC) and Governing Council (GC) of the Institute.
- Note:** Merit-cum-Means and BPL scholarships are also available for deserving students.

## Masters/ Ph.D.

Financial aid (Assistantship/ Scholarship) is available to the students of M. Tech., M.Sc., M.S. (by Research) and Ph.D. programmes in form of Teaching/ Research Assistantship.

- GATE/ NET/ SET/ JAM qualified students will get both teaching and research assistantship as per UGC/ AICTE Norms.
- Non-(GATE/ NET/ SET/ JAM) qualified students will get only teaching assistantship, amount for the same will be linked to the work assigned.

## Student Assistance during 2018-2019

- 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 chapters 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 is 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) program of the Department of Higher Education, MHRD, and Government of India. This program facilitates students to get the knowledge and interact with the professors from reputed IITs.

# Placements

**Organizations that have recruited our students include:**



\* The LNMIIT acknowledges all trademarks, registered trademarks, service marks, logo/ emblem shown above belonging to their respective owners.

## Placement Data 2017 & 2018

Graduating Year	Batch Strength	Eligible Students (CGPA > 6)	Total Offers	Number of Companies Visited	% Selected of Registered Students	Highest Salary Package	Average Salary Package
2017	324	224	232	33	86.60%	27 Lakhs/ Annum	6.95 Lakhs/ Annum
2018 (as on Mar. 2018, ongoing)	329	218	211	51	84.40%	29.5 Lakhs/ Annum	6.39/ 7.27* Lakhs/ Annum

\* Anticipating all Internship conversions.

**Major Recruiters:** Amazon India, Adobe, Morgan Stanley, Microsoft, Directi, Soroco India, Oyo Rooms, Samsung R & D, Daily Hunt, Delhivery, Sophos India, Innovaccer Analytics, Tek System Global, Cardekho.com, IBM, Global Logic, Secure Meters, KPIT Technologies, Sopra Steria, and many more...

# Notable Achievements of Alumni



## Higher Studies (Pursued/ Pursuing)

- In INDIA: IITs, IIMs, IIITs, XLRI, and other premium institutions.
- From ABROAD:

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

## Entrepreneurs/ CEOs

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

Bigstep Technologies Pvt. Ltd.	The Elite Express
Codescape Consultants	Enuke Software
Neutrino IT Technologies (Pvt.) Ltd.	Lucideus Tech.
Youstart Education Private Limited	Celtris Tech. India Private Limited
Epiflux Technologies Private Limited	BelieveX Solutions Pvt. Ltd.
ZeroWaste Recycling Private Limited	BakeryBite.com
Islands United Football Club	Dream Animators
Playlyfe	Mytokri.com
Finoit Technologies (I) Pvt. Ltd.	Rohilya Foods Pvt. Ltd.
And many more...	



# Internships/ Research Collaborations



## Student Exchange and Internship Opportunities at:

Nanyang Technological University (NTU), Singapore	Kristianstad University, Sweden
Joseph Fourier University, France	NATEL Engineering Co. Inc., California, USA
Scuola Superiore Sant'Anna, Pisa, Italy	CERN, Geneva, Switzerland
Moscow University, Russia	INRIA, France
French National Center for Scientific Research, France	University of Edinburgh, UK
IIT, Mandi	IIT, Gandhinagar

and more...

## Institute-sponsored & assisted Foreign Summer Internships at Organizations like:

ArcelorMittal, Kazakhstan	New York University, USA
CERN, Geneva, Switzerland	INRIA, France
University of Manitoba, Canada	University of Cassino, Italy
Western Michigan University, USA	UAB, Spain
Polytechnic University, New York, USA	Nanyang Technological University (NTU), Singapore
CBIA, Brno, Czech Republic	University of Warwick, UK
CCL Lab, CPU, Taiwan	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, IIIT Hyderabad, IIIT Delhi, and BITS Pilani.
- LNMIIT also offers LUSIP (LNMIIT Undergraduate Summer Internship Program) to its undergraduate students. From 2016, this program is also available to the students of other academic institutes across the country as well.



# Achievements of Our Students



- Fifteen students got selected in Google Summer of Code (GSoC) 2017 and 10 students in GSoC 2018.
- Kushagra Garg won the Special Mention Award in Rajya Sabha of Youth Parliament 2016, organized by Kirori 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.
- NukkadMandli bagged second prize in National Level Cultural Fest of JECRC University, Jaipur.
- Ashish Agrawal and Pushkal Agarwal qualified for National level by clearing 4<sup>th</sup> Regional Level Project Contest organized by Computer Society of India in Ahmedabad.
- Kushal Shah and Anivesh Baratam qualified for National level by clearing Zonal from North zone and Regional from Rajasthan in **Tata Crucible Campus Business Quiz 2015**.
- Gaurav Singhal and Kaustubh Khandelwal won the Ideate: B Plan Competition of Rajasthan Startup Fest 2015.
- Fashion Club won 1<sup>st</sup> prize in National Level Cultural Fest of JECRC University, Jaipur
- Bagged 3<sup>rd</sup> position in Table Tennis in the Sports Fest of BITS, BOSM 2015, Pilani.
- Bagged Silver medal in Taekwondo in the Sports Fest of BITS, BOSM 2015, Pilani.
- Uma Bhatia secured 1<sup>st</sup> position in Contemporary Literary Review Competition.



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# Counselling & Guidance Cell



The Institute realizes that the First Year undergraduate students leave the safe haven of their homes, perhaps for the first time in their life, 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 & guidance 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 the students. The main aim is to help the in-coming 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 creates between the students and the faculty continues through their stay at the institute, and even later in life.

The Counselling Cell conducts the Student-Faculty Mentor Interaction Sessions for the first year students. Under this, small groups of new students are formed, each with a faculty lead mentor and two student members. The teams meet formally and informally periodically during the entire academic session to provide guidance and resolve any concerns that the new students might have in their first year of the programme.



**The LNM Institute of  
Information Technology**

**COUNSELLING CELL**



**WE CARE FOR YOU**

## Students' Gymkhana



Students' Gymkhana is an independent self-governing student body, elected by the students. The primary objectives of the Students' Gymkhana are the following:

- To promote the development of skills in leadership, communication, and self-reliance, amongst the students.
- To give representation to all the important academic/ non-academic committees of the institute to share students view points.
- To act as an interface between student and administration. Reconciliation of differing opinions of the students and institute administration, on various issues of importance to the institute.
- To organize extracurricular/ co-curricular activities, on a regular/ periodic basis, in the institute campus.
- To promote participation in competitions organized by other well-known institutions of the country.
- To help wardens in the management of hostel affairs, including the dining mess.

The students' voice is reflected through democratically elected representatives, e.g., President, Vice President, General Secretaries, and Senators of Students' Gymkhana of LNMIIT.

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.



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# Science and Technology Council

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 club was formed to raise awareness and interest among the students about the awe-inspiring field of astronomy.



# Sports Council

The objective of the Sports Council is to promote sports activities among the students and to organize sports events and sports festivals. The institute provides sports equipment and facilities in the sports like **Badminton, Football, Cricket, Athletics, Squash, Table Tennis, Lawn Tennis, Volleyball, Basketball, Carom, Chess, etc.** Sports Council hosts events like LNMIIT Premier League, LNMIIT Football League, LNMIIT Volleyball League, Inter-house Cricket & Badminton tournaments, and 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.



# 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 Mandli, 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, elocution, extempore, essay competitions, etc. It publishes the annual magazine **N<sup>th</sup> 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 **Nostalgia** - Farewell Function of graduating students.

The students of 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 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.



# Inter-Institutional Festivals at LNMIIT



## VIVACITY

"Vivacity" is the annual Techno-Cultural-Management festival of LNMIIT organized by the Cultural Council 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.

## DESPORTIVOS

"Desportivos" is the annual Sports festival of LNMIIT organized by the 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 2018, ~2200 participants participated from more than 100 educational institutes.

## PLINTH

"Plinth" is the Technical festival of LNMIIT, organized by the 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 the students in reputed Start-up Companies.



# Infrastructure



The LNMIIT, spread over 100-acre green campus, is at par with the best technological institutions in the country. It possesses 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:** 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 industry standard tools for Big Data Analytics, and Mobile Application Development tools like Cognos Insight, InfoSphereBigInsight, 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.
- 140-core 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 central library of the institute is fully automated and equipped with the antitheft security system. It contains 17,000+ text and reference books, 111 e-books, subscribed to 65 National and International Periodicals, and about 3,500+ e-journals are accessible through subscribed database. The library has designed and developed an Institutional Repository through which the scholarly contents and intellectual capital items generated by the Institute are maintained in the repository for the accessibility & visibility of the work. It has established a

network and co-operative arrangement with many resourceful libraries and consortia, e.g., INFLIBNET, Gandhi Nagar, IIT Gandhinagar; Automotive Research Association of India (ARAI), Pune; Developing Library Network (DELNET), New Delhi; Indian Association of Special Libraries and Information Centers (IASLIC), Kolkata. The library also has the institutional membership of National Digital Library of India, the platform which provides access to 10,048,671 multiple learning resource type in terms of Books, Articles, Thesis, Audio and Video Lectures, Manuscripts, Reports, etc.

**Accommodation:** Air-cooled hostels - one Girls' Hostel with a capacity of 388 and three Boys' Hostels with a total capacity of 1,146 with 2 dining mess halls.

**Health Centre:** Medical facilities available at the Health Centre, which includes 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 also facilitates a group medical insurance policy for all the students.

**Students' Activity Centre (SAC):** It 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 Carrom Room, Dance and Music studio, and an Open Air Theatre (OAT).

**Outdoor Sports Facilities:** Wide range of high quality outdoor sports facilities including 2 Basketball Courts, a Lawn Tennis Court, 2 Volleyball Courts, a Football Field, and a Cricket Ground. Other arenas are Open Air Gymnasium, Jogging track, and regular Yoga & Karate classes.

**Shopping Complex:** A mini shopping complex which includes Stationary Shop, Amul Parlour, Laundry, Saloon, Juice Shop, and 2 Restaurants.

- State Bank and ICICI Bank ATMs.
- Institute buses ply between Jaipur city and the Campus, at regular intervals every day.

# Convocation



The Institute has held eleven convocations so far. The graduates of the institute are gainfully engaged not only in India but the world over. The Eleventh Convocation of The LNMIIT was held on January 6<sup>th</sup>, 2018. The Chief Guest of the occasion was Dr. Sudarshan Mogasale, CEO, DassaultSystèmes R & D (India Head of the French multinational). The ceremony was presided over by Mr. Prabh Das, Chairman, Governing Council, LNMIIT. Total 329 students were awarded degrees which included 318 B. Tech., 9 M. Tech., and 2 Ph.D. students. The Chairman's Gold Medal was awarded to two students, Mr. Harshit Kumar Sankhla of Mechanical Engineering and Mr. Pushkal Agarwal of Computer Science and Engineering, while the Director's Gold Medal was awarded to Ms. Saloni Goyal (for UG) and to Mr. Saurabh Mathur of Computer Science and Engineering (for PG). The medal for the best B. Tech. Project was won by Ms. Ayushi Mishra.



## Looking Ahead



The LNMIIT aspires to create a niche for itself in both Indian and global arenas by adopting a multi-disciplinary approach with a focus on contemporary relevant as well as emerging areas of research, development, teaching-learning, entrepreneurship, outreach and collaboration while maintaining an eco-system that would ensure work-life balance of its people (faculty and staff) and enable well-rounded personality development of its students.

This shall be achieved with the help of a sustainable strategic plan involving long-term, medium-term and short-term milestones.



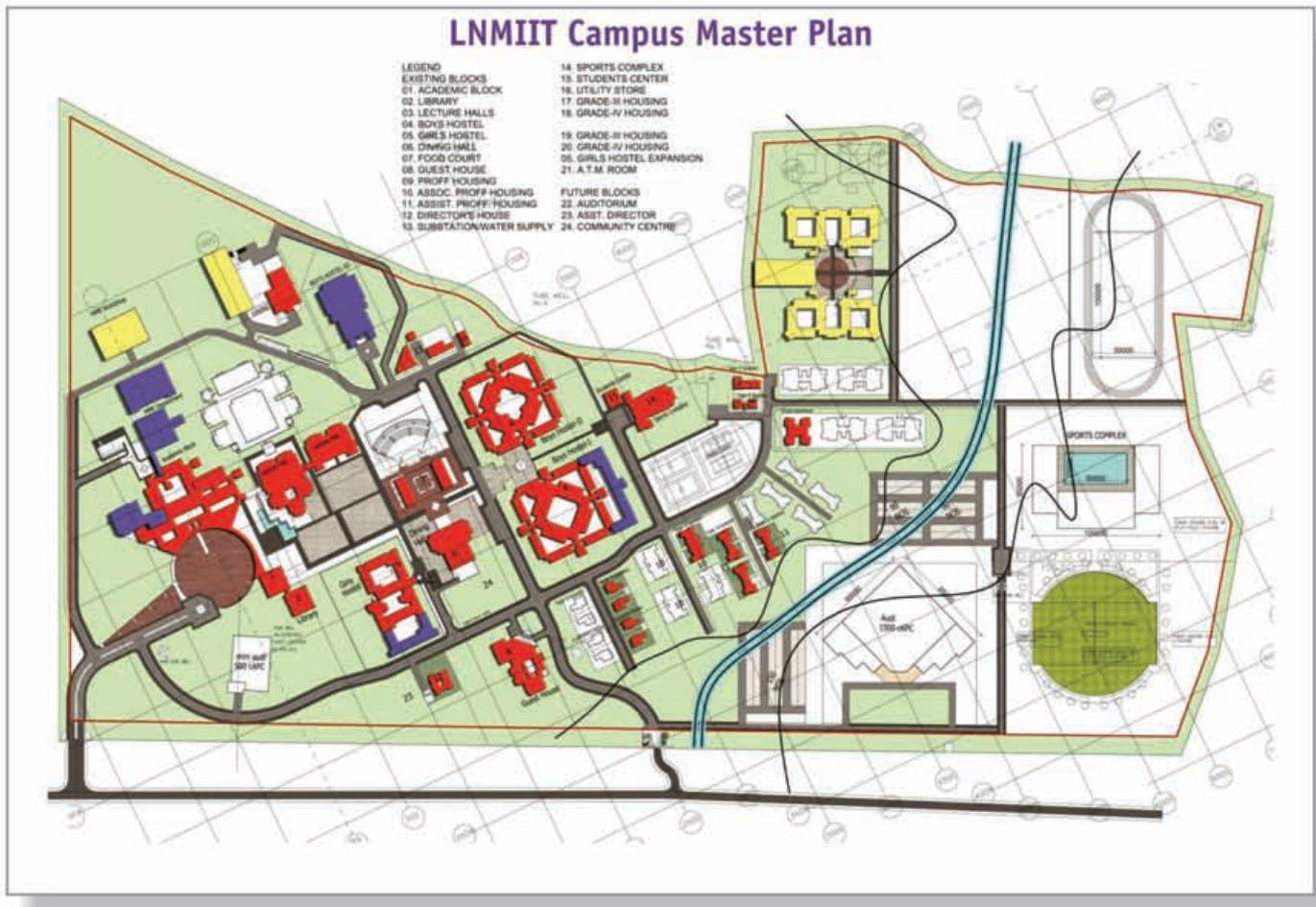
# How to Reach LNMIIT, Jaipur



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.

For further information, you may contact the following officials:

- |  |                              |
|--|------------------------------|
| • Prof. Rahul Banerjee, Director                               | - director@lnmiit.ac.in      |
| • Prof. Ravi Prakash Gorthi, Dean (Academics)                  | - doaa@lnmiit.ac.in          |
| • Prof. G. D. Sharma, Dean (Research & Consultancy)            | - dorc@lnmiit.ac.in          |
| • Prof. Anupam Singh, Dean (Student Affairs)                   | - dosa@lnmiit.ac.in          |
| • Dr. Sakthi Balan Muthiah, Dean (Faculty Affairs)             | - dofa@lnmiit.ac.in          |
| • Prof. Manju Dhariwal, Dean (Alumni & Resource Generation)    | - doaarg@lnmiit.ac.in        |
| • Dr. Narendra Kumar, Associate Dean (Academics)               | - assoc.dcaa@lnmiit.ac.in    |
| • Dr. Soumitra Debnath, Associate Dean (Admission & Placement) | - assoc.doap@lnmiit.ac.in    |
| • Dr. Dheerendra Mishra, Convener, UG Admissions 2018          | - ugadmissions@lnmiit.ac.in  |
| • Dr. Anjishnu Sarkar, Convener, PG Admissions 2018            | - pgadmissions@lnmiit.ac.in  |
| • Dr. Vikas Gupta, Convener, Ph.D. Admissions 2018             | - phdadmissions@lnmiit.ac.in |
| • Dr. Renu Bapna, Registrar                                    | - registrar@lnmiit.ac.in     |



**Postal Address (For Speed Post and Registered Post Only)**

## **THE LNM INSTITUTE OF INFORMATION TECHNOLOGY**

(Deemed-to-be-University)

Rupa-ki-Nangal, Post: Sumel, Via: Jamdoli, Jaipur - 302 031, Rajasthan, India.

Website: [www.lnmiit.ac.in](http://www.lnmiit.ac.in) • Toll Free No.: 1800-180-6566

### **UG Admission**

Contact No. (Toll Free): 1800-180-6566  
 Contact No. (Direct): 0141-5191-791/ 792  
 E-mail ID: [ugadmissions@lnmiit.ac.in](mailto:ugadmissions@lnmiit.ac.in)  
 Webpage: <https://www.lnmiit.ac.in/Admissions/ugadmissions/>  
 Fax: 0141-518-9214/ 0141-268-9014

### **PG Admission**

Contact No. (Toll Free): 1800-180-6566  
 Contact No. (Direct): 0141-5191-791/ 792  
 E-mail ID: [pgadmissions@lnmiit.ac.in](mailto:pgadmissions@lnmiit.ac.in)  
 Webpage: <https://www.lnmiit.ac.in/Admissions/pgadmissions/Masters/>  
 Fax: 0141-518-9214/ 0141-268-9014

### **Ph.D. Admission**

Contact No. (Toll Free): 1800-180-6566  
 Contact No. (Direct): 0141-5191-791/ 792  
 E-mail ID: [phdadmissions@lnmiit.ac.in](mailto:phdadmissions@lnmiit.ac.in)  
 Webpage: <https://www.lnmiit.ac.in/Admissions/pgadmissions/Doctorate-Program/>  
 Fax: 0141-518-9214/ 0141-268-9014

**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 2018.**