



**NIRMA**  
UNIVERSITY

INSTITUTE OF TECHNOLOGY

NAAC ACCREDITED 'A+' GRADE

**ADMISSIONS 2025**

**BTech**

(Undergraduate Programmes)

**Integrated BTech-MBA**

(Integrated-5 Years Programme)



## VISION

Shaping a better future for mankind by developing effective and socially responsible individuals and organisations.

## Mission

Institute of Technology emphasises the all-round development of its students. It aims at producing not only outstanding professionals, but also good and worthy citizens of a great country, aiding in its overall progress and development.

It endeavours to treat every student as an individual, to recognise their potential and to ensure that they receive the best preparation and training for achieving their career ambitions and life goals.

## QUALITY STATEMENT

To develop high quality professionals who reflect and demonstrate values that the University stands for, through innovation and continuous improvement in facilitation of learning, research and extension activities.



## NIRMA EDUCATION AND RESEARCH FOUNDATION

Nirma Education and Research Foundation (NERF) was established as a trust in 1994 by the renowned industrialist and philanthropist, Dr Karsanbhai K Patel, to promote and support higher education in India which is a stellar example of his commitment to the needs of society.

Nirma Institute of Technology (NIT), was the first institution set up by the NERF in 1995 offering undergraduate, postgraduate and doctoral-level programmes to provide world-class engineering education and inculcate the spirit of social relevance among young students in Gujarat. The Nirma Institute of Management in 1996, Institute of Pharmacy in 2003, Institute of Science in 2004, Institute of Law in 2007, Institute of Architecture and Planning in 2014, Institute of Commerce in 2016 and Institute of Design in 2016 were also set up by NERF.

## NIRMA UNIVERSITY

Established in the year 2003, the Nirma University, Ahmedabad is a value-driven, research oriented student centric, multidisciplinary, not-for-profit State Private University. The university is duly recognized by the University Grants Commission (UGC) under Section 2(f) of the UGC Act. The university is a member of the Association of Indian Universities (AIU) and the Association of Commonwealth University (ACU). Within a short period of its existence, it has emerged as a nationally renowned higher education institution. The university received the Centre of Excellence (CoE) status from the Government of Gujarat in January 2022. The University is re-accredited by the National Assessment and Accreditation Council (NAAC) with 'A+' grade. The university and its constituent institutes have also received high rankings from renowned national ranking agencies such as National Institutional Ranking Framework (NIRF), Gujarat State Institutional Rating Framework (GSIRF) etc.



## INSTITUTE OF TECHNOLOGY

Institute of Technology, established in 1995, is the flagship Institute of the Nirma University. The Institute is recognised for robust academic programmes, quality teaching-learning process and fostering overall personality development in its students. A blend of young and experienced faculties, committed to teaching and research; have proven to be the best mentors to budding engineers. The Institute offers multidisciplinary undergraduate, postgraduate and doctoral programmes in the discipline of Engineering and Technology. Discipline, ethical and professional work culture, and commitment to providing quality education are the hallmarks that define the Institute.

The Institute is NAAC 'A+' grade accredited in 2022 which endorses the quality standards followed in every aspect of education delivery. Also ranked at the 125th position by the National Institute Ranking Framework (NIRF), the institute makes its mark among 4000 plus engineering colleges in the country. The top ranking agencies consistently place the Institute at the top in the state and in the top 15 in the country amongst self-financed colleges. All the BTech Programmes are accredited by the National Board of Accreditation (NBA) under Tier-I category.

The Institute has implemented the National Education Policy 2020 from the Academic Year 2022-23 onwards. NEP 2020 envisages that the existing curriculum and pedagogy shall be restructured in such a way as to develop respect for the Fundamental Duties and Constitutional Values. This would inculcate a conscious awareness of one's roles and responsibilities.

The Institute has established a Centre for Excellence in Data Science in collaboration with SUNY, Binghamton University, the Centre for Robotics and Automation, and the Cyber physical Laboratory. Additionally the Institute has a Supercomputer facility (Param Shavak designed by C-DAC) awarded by the Gujarat Council of Science and Technology (GUJCOST) for conducting high-end advanced computing studies and research.



## COURSES OFFERED AND BIFURCATION OF SEATS

BTech (Undergraduate Programme)	State Quota Seats (ACPC, GoG)	All India Seats	NRI/NRI- Sponsored Seats	Total Intake
Artificial Intelligence and Machine Learning Engineering	20	31	09	60
Chemical Engineering	20	31	09	60
Civil Engineering	40	62	18	120
Computer Science and Engineering	99	156	45	300
Electrical Engineering	40	62	18	120
Electronics and Communication Engineering	60	93	27	180
Electronics and Instrumentation Engineering	20	31	09	60
Mechanical Engineering	40	62	18	120
<b>Total Seats</b>	<b>339</b>	<b>528</b>	<b>153</b>	<b>1020</b>

Integrated BTech Programme (5 Years Programme)	All India Seats (85%)	NRI / NRI- Sponsored (15%)	Total Intake
Computer Science and Engineering (CSE) – MBA	51	09	60
Mechanical Engineering (ME) – MBA	51	09	60





# ADMISSION PROCESS

## [A] BTech (Undergraduate Programme)

### ELIGIBILITY

The Candidate must have passed the qualifying Class-XII (Science) Examination from a single recognised board with the minimum percentage of marks as prescribed by the Admission Committee for Professional Courses (ACPC, GoG)/AICTE, as may be amended from time to time.

Admission to the BTech (Undergraduate Programme) shall be given as under:

#### 1. State Quota Seats-ACPC (33% of total intake)

Admissions to these seats can be secured through the Admission Committee for Professional Courses (ACPC, GoG). Candidate must apply to ACPC, GoG, separately.

For eligibility and admission process, please visit the website of ACPC: <http://www.jacpcldce.ac.in>

#### 2. All India Seats (52% of total intake)

Admissions to these seats are filled-in by the Institute. Candidates must register and apply online on the admission portal separately.

These seats shall be filled from the candidates who have passed the qualifying examination from the schools located in India (including Gujarat State) and secured an All India Rank in Paper-I of JEE (Main) 2025.

#### Selection Procedure

The Merit will be prepared based on the All-India Rank (CRL) in Paper-I of the Joint Entrance Examination (JEE Main) 2025, which is conducted by the National Testing Agency, Government of India.

#### 3. NRI / NRI-Sponsored Seats (15% of total intake)

Candidate must separately fill-up the online application form on the admission portal.

All admissions to BTech (Undergraduate Programme) are purely on merit and merit list will be prepared as per the guidelines of ACPC.

### For NRI Candidate

- The candidate who has passed the qualifying examination from the schools located abroad are exempted from appearing in the JEE (Main)-2025.

Candidate will have to produce equivalence certificate of qualifying examination from Association of Indian Universities (AIU), New Delhi.

- The candidate who has NRI status but passed the qualifying examination from a school located in India, must appear for the JEE (Main) 2025.

### Selection Procedure

#### For NRI Candidate

- The merit list will be prepared based on the candidate's performance in the qualifying examination.

#### For NRI-Sponsored Candidate

- Candidate must have passed the qualifying examination from the schools located in India (including Gujarat State) and secured an All India Rank in Paper-I of JEE (Main) 2025 examination.
- NRI Sponsored candidates must produce a sponsorship letter from an NRI, who will furnish an undertaking to pay all tuition and other fees for the entire degree program.
- Documentary proof of the Sponsor's NRI status must be provided at the time of admission.

### Selection Procedure

#### For NRI-Sponsored Candidate

- The Merit will be prepared based on the All-India Rank (CRL) in Paper-I of the Joint Entrance Examination (JEE Main) 2025, which is conducted by the National Testing Agency, Government of India.

# [B] Integrated BTech-MBA (5 Years Programme)

## 1. All India Category

- Admissions to these seats will be filled-in by the Institute. Candidates must register and apply online on the admission portal separately.
- 85% of the total in-take shall be filled from the candidates who have passed the qualifying examination from schools located in India (including Gujarat State) and have appeared for Paper-I of JEE (Main) 2025.
- The candidates seeking admission in the first year of Integrated BTech-MBA shall have passed the HSC or equivalent examination with minimum 60% marks along with Physics, Chemistry and Mathematics at first attempt from a single recognised board.

### Selection Procedure

- Candidates will be shortlisted based on their performance in the Admission Test (Paper-I of JEE (Main) 2025) and must have appeared for a Personal Interview. The final selection for admission shall be determined based on the candidates' performance in the Admission Test, Personal Interview, and their Academic Performances.
- The final merit shall be determined based on the following criteria:
  - 50%: Weightage of NTA Score of Paper-I of JEE (Main) scores
  - 30%: Weightage of performance in Personal Interview
  - 20%: Academic performances

## 2. NRI / NRI Sponsored Category

- Admissions to these seats will be filled-in by the Institute. Candidates must register and apply online on the Institute website separately.

### For NRI Candidate

- Candidates should have passed Higher Secondary Certificate (HSC) Examination (10+2) or any other equivalent examination recognized by Nirma University with minimum 60% aggregate marks at first attempt from a single recognised board.
- Candidate will have to produce equivalence certificate of qualifying examination from Association of Indian Universities (AIU), New Delhi.

### Selection Procedure

- The candidates applying in the above category are not required to appear for Admission Test (Paper-I of JEE-Mains 2025). Admission selection process will be purely based on the merit of qualifying examination.

### For NRI Sponsored Candidate

- The candidates seeking admission in the first year of Integrated BTech-MBA shall have passed the HSC or equivalent examination with minimum 60% marks along with Physics, Chemistry and Mathematics at first attempt from a single recognised board.
- Candidate must have appeared for Paper-I of JEE (Main) 2025 examination.
- NRI-sponsored candidates shall be required to submit a sponsorship letter from an NRI sponsor, who shall provide a legally binding undertaking to cover all tuition and other fees for the entire duration of the program.
- Documentary evidence of Sponsor's NRI Status must be produced.

### Selection Procedure

- Candidates shortlisted based on their performance in the Admission Test (Paper-I of JEE (Main) 2025) shall be required to appear for a Personal Interview. The final selection for admission shall be determined based on the candidates' performance in the Admission Test, Personal Interview, and their Academic Performances.

Visit admission portal to know more about the required supporting documents for NRI/NRI-Sponsored Category.

### Note

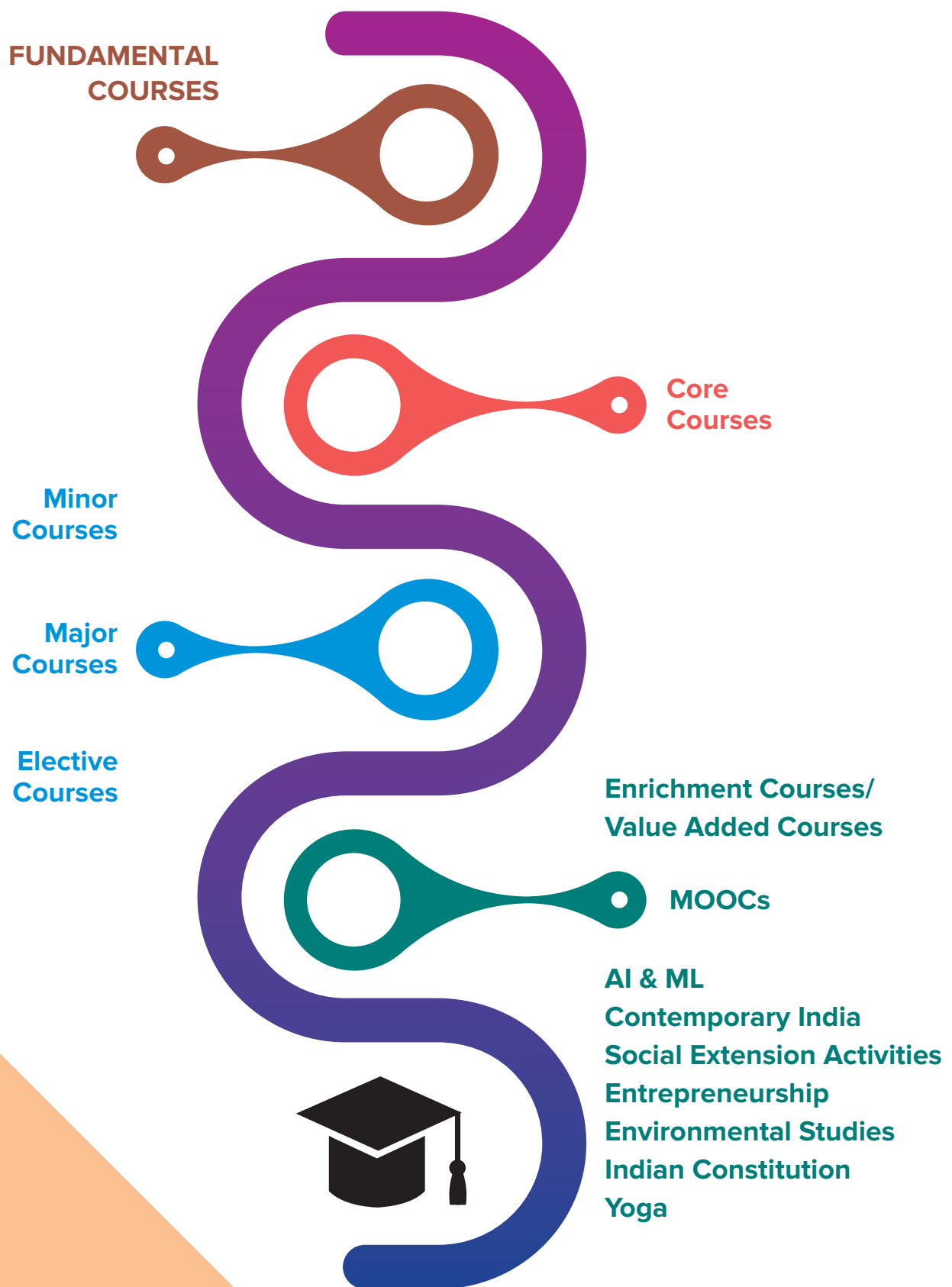
All candidates are hereby informed that it is mandatory to submit the online application form along with the prescribed application form fee and upload scanned copies of the necessary documents on or before the specified due date mentioned on the admission portal. Incomplete applications or those lacking required documents will not be accepted.

### Supernumerary PIO/FN/CIWGC- SEA/SAARC Students

The University has, in all programmes, separate intake of 5% for Children of Indian Workers in Gulf and South-East Asia Countries (CIWGC-SEA). In addition, the students who fall under the category of Persons of Indian Origin (PIO) and Foreign Nationality (FN) can apply under a separate intake of 10% in all programmes. The applicants are suggested to visit the admission pages of different institutes for more information.

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# FLEXIBILITY AND DIVERSITY OF COURSES



# CURRICULUM

## FIRST YEAR COURSES

- Mathematics I
- Physics
- Environmental Science
- Computer Programming
- Electrical Science
- General English
- Yoga (Supplementary Course)
- Mathematics II
- Chemistry/Introduction to Web Programming
- Engineering Drawing & Workshop
- Written Communication
- Introduction to AI & ML
- Statistics
- Contemporary India

For a detailed curriculum & syllabus, please visit the respective branch's website:

- **Chemical:** <https://ch.nirmauni.ac.in/academics/programmes/curriculum/>
- **Civil:** <https://cl.nirmauni.ac.in/academics/programmes/curriculum/>
- **CSE & AIML:** <https://cse.nirmauni.ac.in/academics/programmes/curriculum/>
- **Electrical:** <https://ee.nirmauni.ac.in/academics/programmes/curriculum/>
- **Electronics & Communication:** <https://ec.nirmauni.ac.in/academics/programmes/curriculum/>
- **Electronics & Instrumentation:** <https://ei.nirmauni.ac.in/academics/programmes/curriculum/>
- **Mechanical:** <https://me.nirmauni.ac.in/academics/programmes/curriculum/>



# COLLABORATIONS

## MOUS WITH INDUSTRIES

- MoU with Satt Engineering Ltd., Canada
- Umagine hydrogen pvt. Ltd.
- L&T Construction Ltd.
- NVIDIA for establishment of NU-NVIDIA Edge AI Lab.
- CONEVET Technologies, Ahmedabad
- Samyak Infotech Pvt Limited, Ahmedabad
- INS Valsura, Jamnagar, Gujarat
- J K Lakshmi Cement Limited
- Building Energy Efficiency Project (BEEP)
- INFOSYS Technologies, Bangalore (Renewed)
- enti INNOVATIONS Pvt Ltd.
- Mitsubishi Electric India Pvt. Ltd.
- NORD Drive Systems Pvt. Ltd.
- Tata Consultancy Services ION
- Gujarat Industrial Development Corporation
- IBM Technologies
- Dr. Fxix Institute of Structural Protection & Rehabilitation
- InspirOn Engineering Pvt Limited
- Confederation of Indian Industries (CII)
- Robert Bosch Engineering and Business Solution Pvt Ltd (RBEI), Bengaluru

## MOUS WITH FOREIGN UNIVERSITIES

- Arizona State University, US
- Carleton University, Canada
- Curtin University, Perth, Western Australia
- Florida Atlantic University, US
- Griffith University, Australia
- Iowa state University, US
- Kampala International University, Uganda
- LaTrobe University, Australia
- Maker Bhavan Foundation, US
- Makerere University, Uganda
- Management and Science University, Malaysia
- Massachusetts College of Pharmacy and Health Sciences (MCPHS), US
- Memorial University of Newfoundland, Canada
- Pennsylvania State University, US
- Rochester Institute of Technology, US
- State University of New York at Binghamton, US
- Universidad Publica de Navarra Nafarroako Unibersitate Publikao, Spain
- Universiti Teknologi MARA (UiTM), Malaysia
- University of Houston, US
- University of Nairobi, Kenya
- V360 Technology, New York, US
- Virginia Commonwealth University, US

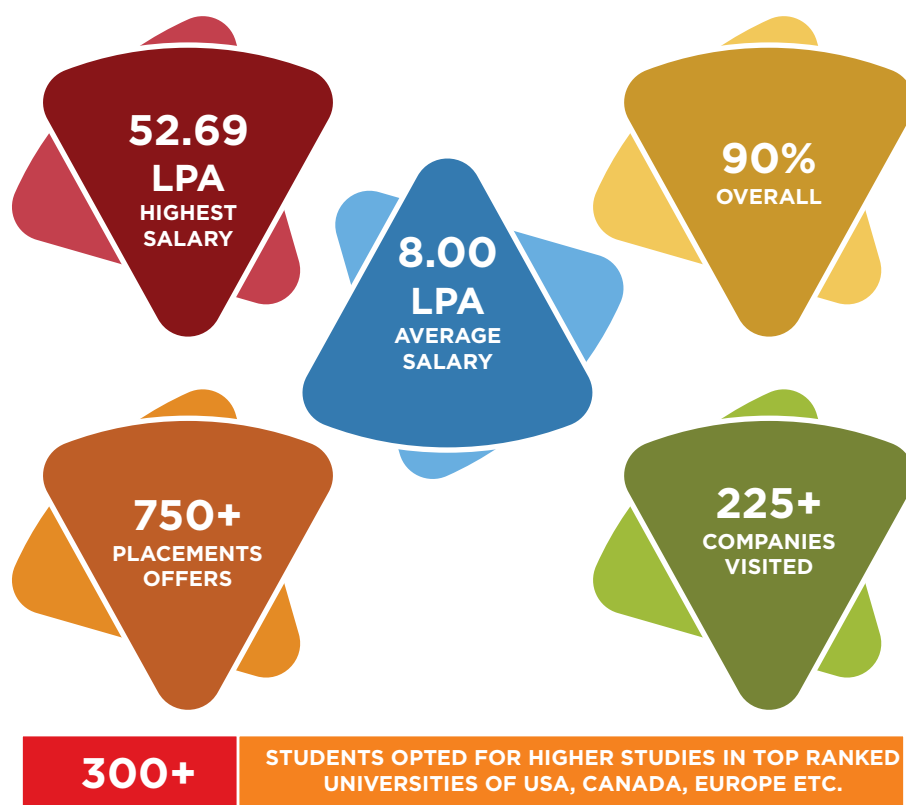
## MOUS WITH RESEARCH / EDUCATIONAL INSTITUTIONS

- Bureau of Indian Standards (BIS).
- Finecure Pharmaceutical Company
- Institute of Plasma Research
- Satellite Application Centre, Indian Space Research Organization
- Central Building Research Institute, Roorkee
- Ahmedabad Textile Industry's Research Association
- Physical Research Laboratory
- Central Salt and Marine Chemicals Research Institute (CSMCRI), Bhavnagar
- Advanced Materials and Processes Research Institute (AMPRI), Bhopal
- National Chemical Laboratory (NCL), Pune

						
					 Confederation of Indian Industry	
						



## PLACEMENT EVENTS & HIGHER STUDIES (2024)



## TOP ESTEEMED RECRUITERS

 <b>TCS</b> TATA CONSULTANCY SERVICES	 <b>zydus</b> Dedicated To Life	 <b>torrent</b> POWER		 <b>adani</b>	 <b>ATLASSIAN</b>	<b>TATA MOTORS</b>
 <b>SAMSUNG</b>	 <b>XH<sub>2</sub>O</b> Multiplying Water		 <b>Reliance</b> Industries Limited	 <b>Qualcomm</b>	 <b>NXP</b>	<b>ORACLE</b>
 <b>MILACRON</b>	 <b>Linde</b>			 <b>infocusp</b> Innovations	 <b>ABB</b>	<b>HITACHI</b> Inspire the Next
 <b>Google</b>	 <b>Flipkart</b>	 <b>CREST</b> DATA SYSTEMS	 <b>Cognizant</b>	 <b>Deloitte.</b>	 <b>CEAT</b>	<b>ARM</b>
 <b>Bloomberg</b>	 <b>amazon</b>	 <b>AIR PRODUCTS</b>	 <b>TEXAS INSTRUMENTS</b>	 <b>Hindustan Unilever Limited</b>		

# ACADEMIC INFRASTRUCTURE

## THE CAMPUS

The Institute of Technology is situated in the Nirma University campus on the Sarkhej-Gandhinagar highway, Ahmedabad. The 115 - acre campus is Wi-Fi enabled and is nestled amidst green, refreshing environment and an ambience that motivated students to grow. The campus has seven buildings, modern sports facilities and an atmosphere that is distinguished by serenity. In addition to the state-of-the-art infrastructure facilities available for teaching-learning, the university has a host of other facilities to support the day-to-day activities on the campus i.e. Art Gallery, Herbal Garden, Auditoriums, Bank and ATM's, Canteens, Student's Store, Theatre, Study Rooms, Transpiration etc.

## CLASSROOMS

The classrooms are well ventilated, spacious and equipped with modern audio-visual equipment and internet connectivity to facilitate effective learning and promote maximum interaction between faculty and students.

## COMPUTING FACILITIES

The computing facilities at the campus includes:

- 1900 + computers with the latest configuration, modern software, and high-speed servers with Lease line: 2.5 Gbps for the campus.
- 37 High-End NVIDIA GPU workstation with K-20, K40, K-80, and P-100 GPU cards.
- Three dedicated servers with NVIDIA GPU card for practical performance on machine learning and high-performance computing.
- The Government of Gujarat has allotted a super computer "Param savak" for high computing tasks and research purposes.
- Wireless Sensor Motes and various CISCO networking components to simulate real-time networking scenarios.
- HP/Aruba Local Area Fiber Network (in Ring Connectivity) having a capacity of 10 Gbps and Aruba Access Points having the capacity of 1 Gbps on Wi-Fi added to strengthen the Network.
- Windows and Linux platform servers. 400+ Systems are working on the Linux Platform.





## CENTRE FOR ADVANCED INSTRUMENTATION FACILITY

To cater to the need of researchers in different areas, the Central for Advance Instrument Facility (CAIF) was established at Nirma University in the year 2020. The sophisticated analytical instruments are operated and maintained by a dedicated and qualified group of technicians. This facility is open to all researchers from universities, academic institutes, and industries in Gujarat.

## CENTRE OF ROBOTICS AND AUTOMATION

The Centre of Robotics and Automation (CRA) at Nirma University plays a crucial role in advancing research and development in robotics and automation. Serving as a hub for innovation and exploration, the centre provides state-of-the-art infrastructure and resources that support pioneering work in these interdisciplinary fields. With advanced robotic platforms and equipment, CRA facilitates hands-on learning, experimentation, and project development, ensuring a strong foundation for both research and education.

Beyond its infrastructure, CRA is a vibrant centre of research and development, actively engaged in projects that contribute to the broader scientific community. Its research spans diverse areas, including soft robotics, reconfigurable robots, structure-climbing robots, AI-assisted robotic applications, field robots, and underwater robots. The centre also prioritizes student involvement, offering opportunities for undergraduate and postgraduate students to participate in cutting-edge research. Through national and international competitions, CRA fosters innovation and provides a platform for students to showcase their talents. Ultimately, the CRA at Nirma University stands as a driving force in shaping the future of robotics and automation by integrating research, education, and industry collaboration.

## CENTRE OF EXCELLENCE IN DATA SCIENCE

Data Science is an interdisciplinary field consisting of methods and systems to extract knowledge and insights from data. It encompasses statistics, machine learning, visualization, business analytics, data analytics, and scientific computing. India has demonstrated rapid and sustained economic growth over the last decade and recent developments suggest that a focus on data science is a need of the hour. Taking this into consideration, Institute of Technology, Nirma University has established a Centre of Excellence in Data Science in collaboration with SUNY, Binghamton University, New York, USA.

The Nirma-Binghamton University Centre of Excellence in Data Science aims to address key developmental challenges by serving as a research hub for undergraduate, postgraduate, and doctoral students while attracting international experts and practitioners. It will foster collaboration among academics, industry partners, and stakeholders, demonstrate its role in driving innovation, job creation, and economic growth, and secure resources to support multidisciplinary, collaborative international research projects. Located at Nirma University, the centre will position western India at the forefront of this evolving academic field, promoting partnerships between academia, government, and the private sector.

## CENTRE FOR ENTREPRENEURSHIP

The Centre for Entrepreneurship actively fosters entrepreneurial awareness through various initiatives, including Awareness Camps, Boot Camps, Business Plan Competitions, Field Trips, Entrepreneur Talks, Debates, Quizzes, Market Day, and themed competitions. It is also registered under the Ministry of Human Resource Development's "Institution's Innovation Council" to systematically cultivate a culture of innovation.

At Nirma University, the Centre operates under the guidance of a steering committee comprising senior university leadership and industry experts, including entrepreneurs. Its activities are efficiently managed by an administrative team in collaboration with the student-led E-Cell. The curriculum integrates dedicated entrepreneurship courses and offers the option to pursue Entrepreneurship as a minor specialization, encouraging an entrepreneurial mindset among students.

To support aspiring entrepreneurs, the Centre provides a Pre-Incubation facility, offering sponsorship and mentorship to help students transform their innovative ideas into Proof-of-Concepts. They are then encouraged to join the on-campus incubator to establish successful start-ups. By driving innovation and business development, the Centre plays a pivotal role in strengthening the regional economy.

## INCUBATION CENTRE

Nirma University Incubation Centre creates a much-needed innovation, preincubation and incubation ecosystem for students, adding to the start-up ecosystem of India and creating a strong innovation-driven culture in the University system. The existing massive pool of faculty members, researchers and research ecosystem, and common facilities are avenues for new ideas to get nourished in university system itself, and then these young innovators get entrepreneurial support at the incubator in order to become a full-fledged start-up.

## TINKERER'S LAB

Nirma University provides diverse educational opportunities with a strong focus on hands-on learning and innovation. Students can develop their ideas through facilities like the Idea Lab, Incubation Centre, Centre of Robotics and Automation, Centre of Excellence in Data Science, and more. The Tinkerers' Lab further supports creativity by offering access to advanced tools for prototyping and experimentation.

The Tinkerers' Lab enriches the learning ecosystem by providing students with a platform to explore, innovate, and bring their ideas to life. It fosters collaboration across disciplines, encouraging diverse perspectives in problem-solving and promoting critical thinking, teamwork, and a hands-on approach to learning.

The Maker Bhavan Foundation (MBF), California, US has sponsored the Tinkerers' Lab at Nirma University. The "Learning by Doing" program enhances student learning outcomes and equips graduates with industry-relevant skills. Student managers at the Tinkerers' Lab organize training sessions, workshops, events, lectures, and courses across all institutes of Nirma University, fostering hands-on learning and interdisciplinary collaboration.

## CCTV SYSTEM

- The university has installed a CCTV subservience Monitoring System in all the academic areas of the university covering the areas such as classrooms, libraries, laboratories, studios, and reading rooms. The other areas under surveillance include common places viz. building entrances, corridors, parking, canteens, etc. The cameras are closely monitored at an appropriate level by the University authorities.

## OTHER FACILITIES

This picturesque campus spreading over a hundred acres provides an ideal environment stimulating intellectual alertness and creativity. These are the facilities that make our campus efficient and safe:

- Green, energy-efficient, Wi-Fi enabled, and designed to meet the academic and co-curricular requirements of the students, the Campus has gymnasiums and a number of playgrounds for students' recreational activities and sports events.
- The Campus canteens and cafeterias provide hygienic and healthy vegetarian food.
- Efficient healthcare services on campus, mindful of the physical and mental well-being of the students and employees.
- A well-organised transport service is in place to enable effortless daily commuting.
- The measures taken by the Institute for ensuring the security of the students and employees on the campus are manifold. The Campus is an alcohol and tobacco-free zone, with guards and surveillance cameras ensuring round-the-clock security.
- Students can discuss their problems and concerns with their assigned faculty mentors who conduct regular formal and informal meetings with them and are accessible by phone and email.

# LIBRARY RESOURCE CENTER



Nirma University has an extensive library system, comprising six interconnected libraries equipped with state-of-the-art technology and resources. Nirma Central Library is now coined as NIMA Knowledge Centre (NKC).

NKC functions on an Open-Source Automation Software KOHA and RFID to manage its vast collection. KOHA has web-enabled Online Public Access Catalogue (OPAC), enabling users to inquire about resource availability while adhering to international standards such as MARC 21, Z39.50 encoding.

**10622** sq. m  
Total Area

**1,25,000+**  
Collection of Books

**80,000+**  
E-Books

**800+**  
Online Journals  
(ACM, ASCE, IEEE/IET,  
Science Direct, Sage  
Engineering Custom  
Collection, SCOPUS)

**40+**  
Database

**537**  
Video &  
**358**  
Web Courses NPTEL

**400+**  
IEEE eLearning courses

**350+**  
NPTEL Web Courses, 530  
+ NPTEL Video Courses

**3900+**  
M. Tech Dissertation  
Reports (Soft Copy), 150+  
Ph. D. Theses

**4465**  
CDs/DVDs

Since 2005, Nirma University has leveraged DSpace (Version 6.2), an open-source software solution, to manage internal Knowledge output like faculty papers, theses, dissertations, and others. This digitization initiative ensures the preservation and accessibility of valuable scholarly works. Through platforms like Shodhganga, digitized theses, institute bulletins, and other digital outputs are readily accessible on campus. Additionally, the university has undertaken initiatives to digitize newspaper clippings and exam papers, enhancing accessibility for users within the 'nirmauni.ac.in' domain via Google Apps.

Library has provided spaces for different needs like, Discussion rooms, digital lab, cubicles, light reading area, training room, etc.

## INSTITUTIONAL MEMBERSHIP/MOU/OPEN ACCESS

- Information and Library Network Centre (INFLIBNET)
- Indian Society for Earthquake Technology (IETE)
- Developing Library Network (DELNET)
- Indian Geotechnical Society (IGS)
- Directory of Open Access Books (DOAB)
- Directory of Open Access Journal (DOAJ)
- Directory of Open Access Repositories
- WorldWideScience.org
- Indian Academy of Science Journals
- NISCAIR Journals
- Indian National Science Academy Journal
- Defense Research and Development Organization (DRDO)
- NPTEL Videos
- Networked Digital Library of Theses and Dissertations (NDLTD)

## BOOK BANK FACILITY

The Library Resource Center provides book bank facility to the students of Institute of Technology. The main purpose of this service is to help the needy meritorious students. The book bank has a separate collection of 6780 + books other than the library books.



# SCHOLARSHIPS

## Merit Scholarship: Full Tuition Fee Waiver:

ACPC MERIT RANK 1-75	COMPUTER SCIENCE AND ENGINEERING, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	JEE(MAIN) CRL RANK 1-5500
ACPC MERIT RANK 1-200	CHEMICAL ENGINEERING, CIVIL ENGINEERING, ELECTRICAL ENGINEERING, ELECTRONICS AND COMMUNICATION ENGINEERING, ELECTRONICS AND INSTRUMENTATION ENGINEERING, MECHANICAL ENGINEERING	JEE(MAIN) CRL RANK 1-20000

## Based on Merit:

BASED ON MERIT (DEPARTMENT WISE)	ALL INDIA CATEGORY : 28 SCHOLARSHIPS ACPC CATEGORY : 15 SCHOLARSHIPS	₹ 1 LAKH EACH
BASED ON OPEN MERIT	ALL INDIA CATEGORY : 10 SCHOLARSHIPS ACPC CATEGORY : 05 SCHOLARSHIPS	₹ 1 LAKH EACH

## Based on Merit Cum Means:

BASED ON MERIT CUM MEANS (DEPARTMENT WISE)	ALL INDIA CATEGORY : 28 SCHOLARSHIPS ACPC CATEGORY : 15 SCHOLARSHIPS (BASED ON FAMILY TOTAL ANNUAL INCOME)	₹ 1 LAKH EACH
BASED ON MERIT CUM MEANS* (OPEN MERIT )	ALL INDIA CATEGORY : 35 SCHOLARSHIPS ACPC CATEGORY : 15 SCHOLARSHIPS (BASED ON FAMILY TOTAL ANNUAL INCOME)	₹ 50000 EACH

\* MYSY students are also eligible for the merit cum means scholarship, which provides support for various expenses such as examination fees, books and stationery, transport fees, and more, up to a maximum of ₹ 50000 per annum.

## OTHER SCHOLARSHIPS

- 100% INTEREST FREE LOAN SCHOLARSHIP
- 50% INTEREST FREE LOAN SCHOLARSHIP
- NEEDY STUDENT FUND SCHOLARSHIP
- NITAA (ALUMNI) SCHOLARSHIP
- EARN WHILE U LEARN SCHEME

# **FACILITIES & SERVICES @ ITNU**

## **STUDENT SECTION**

The student section looks after admission, registration, student records, semester end examinations, scholarships, concessions, issue of identity cards, bonafide certificates, provisional passing certificate etc.

## **STUDENTS STORE**

A student's store, which is run on a no-profit-no-loss basis, provides all the necessary study material, stationery, instruments etc. to the students.

## **BANKING AND ATM SERVICE**

To serve the banking needs of the students within the campus, a full-fledged branch of the Kalupur Commercial Co-operative Bank Limited, a scheduled bank operates at the campus in K-Block. Along with this, for the convenience of the students, two ATM machines are also provided within the campus.

## **TRANSPORTATION**

The Institute provides transport facility for the convenience of students from the area of their residence to the Institute and back on payment basis. For this, the Institute has its own fleet of 39 buses that ply on pre-decided routes.

## **CANTEEN**

The Institute has a well-maintained central canteen facility located in the K-block. Besides providing breakfast, lunch, high tea, snacks and beverages, the canteen has facility to arrange food for any events organised on the campus.

Apart from the central canteen facility, two food courts are also available in the campus; one near the Institute of Law and the other near the Institute of Science. They provide snacks and beverages throughout the day.

These places not only provide fresh and healthy food, but also double up as a meeting and social interaction joint for students. It is their favourite hangout zone, be it after a hectic day or an important event or session. The place is thronged by students, busy over discussion along with food.

## **SAFETY & SECURITY**

To ensure proper safety & security in the campus, a team of trained guards and supervisors remains available round the clock within its premises. The university is under 24x7 surveillance with the help of hi-tech CCTV surveillance and they are monitored by designated officers from time to time.

## **HEALTH CENTRE AND AMBULANCE**

The Institute has made special arrangement to provide Medical Facilities on the campus by appointing a fulltime doctor who is available at Health Centre, and the campus has 24x7 Ambulance facility.

## **OUTDOOR SPORTS**

The Institute campus has well-developed infrastructure to facilitate almost all outdoor sports activities.

It has a well-maintained cricket ground with three hard bowling pitches. Training nets are also provided during the practice sessions. Further, there is a running track, three lawn tennis courts, two volleyball courts, two basketball courts, and space for football and kho-kho as well. Students of the Institute are encouraged to make use of these facilities on regular basis.



## INDOOR SPORTS

The Students Activity Centre near the University hostels has ample space for a host of indoor sports activities. It has facilities for several indoor games, including carom, chess and table tennis, to name a few.

## SPORTS FACILITY

The university campus has modern infrastructure to facilitate almost all indoor and outdoor sports activities. The university campus has modern infrastructure to facilitate almost all indoor and outdoor sports activities. The university is coming up with an Indoor Sports Stadium. It will include a 9 Court Multipurpose Sports hall, Olympic-size Swimming pool, Elevated Jogging Track, Gymnasium, 600 capacity Seating Pavilion, Bowling Alley, Cricket and Golf stimulator, Banquet Hall, Board-games room, club rooms, training rooms and a sports cafe. The indoor sports complex is designed along a large sports field similar in size to ICC Standard Cricket Ground and an adjoining jogging track. It also has outdoor Tennis and Volleyball courts, Activity Plazas, outdoor Climbing wall and other athletic facilities. The indoor sports complex covers a total super-built area of 2,57,594 sq ft. Consisting of various sports and recreational facilities it is designed as an epicenter for health, athletics, recreation, and wellness on campus.

## GYMNASIUM

The Institute has a well-equipped modern gymnasium. The gymnasium is open for students during 4:00 pm to 8:00 pm on all working days. A trainer is also available to provide guidance and assistance, wherever necessary. The gymnasium facility is complimentary for students staying in University hostels and is provided at a very nominal fee to other students.

## YOGA HALL

The Institute lays due emphasis not only on the academic growth of its students but also on their holistic development. Yoga is the art of controlling ones mind, body and soul. It helps in managing stress and anxiety, thereby relaxing the individual. It brings flexibility to the body.

Keeping these benefits of practicing yoga in mind, the Institute has a spacious Yoga Hall, where students, faculty members and staff members practice yoga and meditation.

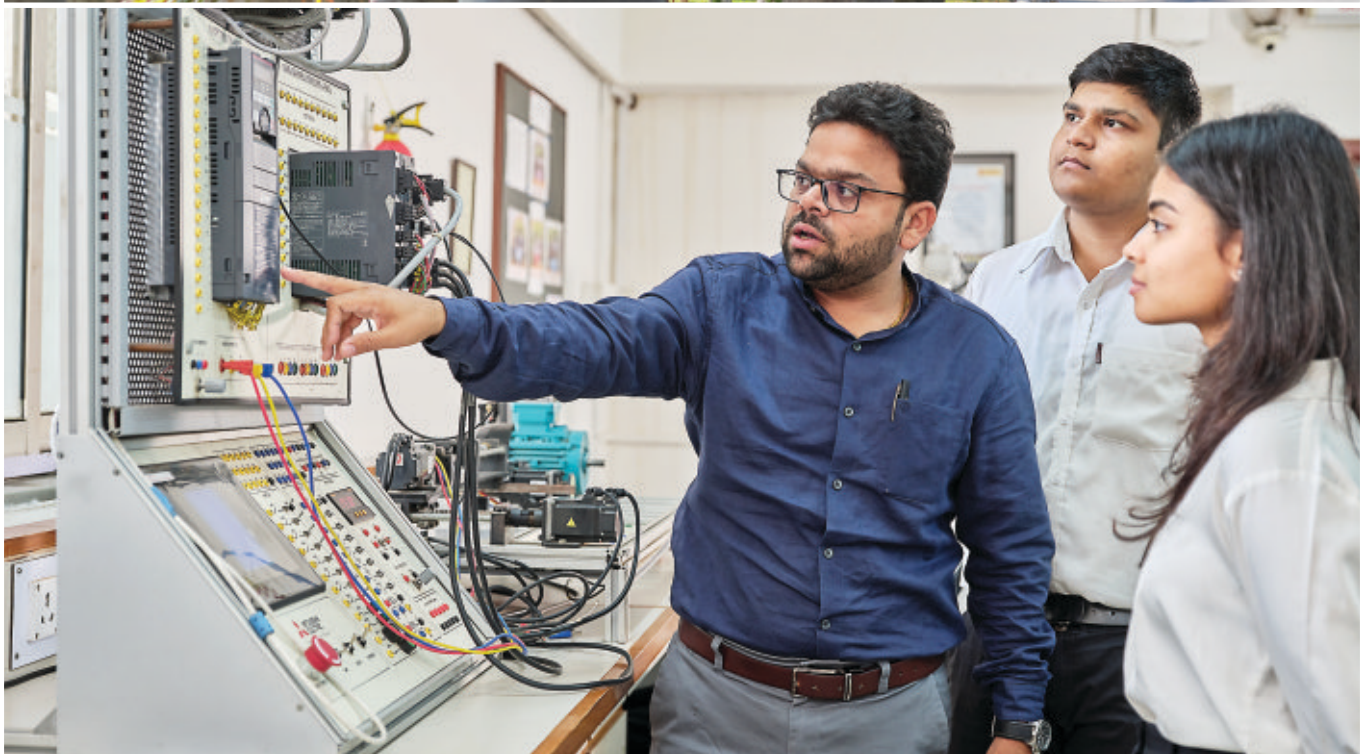
## COUNSELLING CENTRE

Keeping the academic, psychological-social, and emotional needs of its students in mind, the Institute has a dedicated Counselling Centre at its campus. The counsellor systematically studies and discusses the student's problems and facilitates the student to find an appropriate solution. The counsellor helps the student address his problems in a positive way by helping him clarify the issues, explore options, develop strategies and increase self-awareness.

The counsellor also conducts group sessions on topics of general importance, like stress management, prevention of drug addiction, etc. to create awareness among the students. The Counselling Centre is located in the Institute of Management building, ground floor.

## OTHER FACILITIES

In order to provide round the clock electricity, two generators sets of 500 kVA each and one generator of 250 kVA, remain operational in the campus. Cleanliness in the campus is given importance & maintenance activities are continuously monitored by the estate department. Campus also has sewage treatment plant and also uses its canteen waste to generate compost for gardening purposes.



## SPORTS, CULTURAL AND OTHER ACTIVITIES

### SPORTS

The campus has a cricket and football ground, volleyball court, lawn tennis court and basketball ground.

The other facilities consist of space for indoor games such as table tennis, chess, carom etc The Annual

Sports Day is a regular feature at the Institute. A full-fledged gymnasium with modern equipments is also available for students on payment basis.

### SPORTS COMPETITIONS

- Annual Sports Meet
- AbhimNU - State Level Inter-University
- Nirma Cup
- Inter Institute - University Level
- Fresher Cup (for first year only)
- Techno Cup (only for Cricket)

### ATHLETICS EVENTS

100 m, 200 m, 400m, 800 m, 1500 m, 4 × 100 m Relay Race, Long Jump, High Jump, Triple jump, Discuss Throw, Shot Put, Javelin Throw





## CULTURAL & OTHER ACTIVITIES

Cultural activities bring out the creative side of the students and the participation and organisation of these are the best learning experience a student can have. VAUDEVILLE is the biggest annual cultural

festival of the Institute. Every year, this festival marks the confluence of music, dance, art, culture, literature and loads of talent. The fest includes events like solo-duet classical singing, solo-duet-group dance, debate, extempore, drama, mono-acting, cartooning, Mr and Miss- Institute of Technology. This

event is planned as a 'for the students, of the students, by the students'.

The Institute also organise a “First Year Cultural Talent Hunt” especially for first year students, to showcase their talents.

Additionally, the University level cultural festival 'NUZEAL' and the Ras-Garba Mahotsav (RAMZAT) organised after Navratri festival are star attractions planned during the year.

The events of the Cultural Festival are:

- |               |                       |                  |                        |
|---------------|-----------------------|------------------|------------------------|
| - Drama       | - Solo Dance          | - Elocution      | - Rangoli              |
| - Cartooning  | - Mono Acting/Mimicry | - Singing - Duet | - On the spot painting |
| - Skit        | - Folk Dance          | - Collage        | - Instrumental         |
| - Group Dance | - Debate              | - Group Song     |                        |
| - Mime        | - Singing – Solo      | - Vocal          |                        |

## FRESHER'S ORIENTATION

The Institute organises a unique orientation programme of five days for the new entrants to foster interaction between students and ensure a smooth transition from an environment of school life to professional studies. Various lectures on Time Management, coping with stress, Human relations, Positive attitude, Communication skills, etc. are delivered by eminent speakers to the students.

## SOCIAL ACTIVITIES

- Blood Donation camp
- Literacy campaign in slum areas or nearby villages
- Educational campaign in nearby schools

### OTHER ACTIVITIES

- NCC (National Cadet Corps)
- NSS (National Service Schemes) for Girls and Boys
- National Science Day
- National Days Celebration
- International Yoga Day
- Special days Celebration like Flag Day, Communal Harmony Day etc.

## ADVENTURE ACTIVITIES

- Mountaineering activities
- Tracking in Himalaya
- Basic rock climbing course

- Desert trekking camp
- Tracking in the forest of Gujarat
- Know Your Border Programme

## NSS (NATIONAL SERVICE SCHEMES)

The Institute of Technology offers NSS programme for the students. A strong and vibrant 400 plus students NSS unit organises a number of activities such as teaching children at the adopted villages of Miroli and Motipura, organising residential camps, awareness drives on societal issues, mentoring and teaching construction workers children, cleanliness drives and many more.

## NCC (NATIONAL CADET CORPS)

The National Cadet Corps (NCC) has sanctioned a Boys Battalion and a Girls Battalion in Nirma University since 2016 with an aim to motivate students towards nation building. There has been enthusiastic and committed enrollment of students from the Institute of Technology. Various activities like Combined Annual Training Camp (10 days), Army Attachment Camp (15 days), Disaster Management drills and more are conducted throughout the year. Cadets of the Institute have won various competitions during NCC camps at Ahmedabad group level. Cadets also actively coordinate University level activities like celebration of national festivals, Yoga Day, Sports Day and Convocation.



# LOOKING BEYOND CURRICULUM

## STUDENT ASSOCIATIONS/CLUBS

Institute of Technology believes in giving its students a holistic experience by providing a vibrant campus buzzing with a variety of activities. Students are encouraged to explore their talents, indulge in hobbies and develop a well-rounded personality. A number of student organisations across various departments provide the right platform to students to organise and engage in these activities. Ranging from technical to cultural to sports to literature to drama to music to social and more, the plethora of activities make life on campus enjoyable and fun.

### **CodeAdda club**

Code Adda club

### **IGBC**

IGBC Students Chapter

### **ASHRAE**

ASHRAE Student Chapter

### **SAE**

Society of Automotive Engineers Nirma Collegiate Club

### **OrCES**

Organisation of Civil Engineering Students

### **ISTE**

The Indian Society for Technical Education

### **CSI**

Computer Society of India

### **AMS**

Association of MCA students

### **IL<sup>2</sup>**

Invincible Leaders League

### **ISA**

International Society of Automation

### **ChESA**

The Chemical Engineering Students' Association

### **MESA**

The Mechanical Engineering Students Association

### **IEEE**

Institute of Electrical & Electronics Engineering

### **EESA**

The Electrical Engineering Students Association

### **ECO**

Electronics and Communication Organization

### **ACES**

Association of Computer Engineering Students

### **ROBOTIC LAB**

### **FSA**

Fire and Security Association of India

### **ACM**

Association of Computing Machinery

### **IChE**

Indian Institute of Chemical Engineers

### **ICI**

Indian Concrete Institute

## CURRICULAR ACTIVITIES

The institute hosts industrial visits, training, seminars, and conferences for the overall development to the students. National level competitions like ROBOCON, SAE-BAJA, etc. gives students opportunities to work beyond the classroom and engage in interdisciplinary areas. Such engagement enhances the students researching, reading, writing, critical thinking and presentation skills.

# NIRMA UNIVERSITY ALUMNI ASSOCIATION MEMBERSHIP

All the graduates of Nirma University are privileged and eligible to be a part of the Nirma University Alumni Association as a Lifetime Member.

The one-time membership fee is Rs. 3,500/- (Rupees Three Thousand Five Hundred only), inclusive of GST, and is payable at the time of admission.

As a Nirma University Alumni Association member, graduates enjoy continuous engagement with their alma mater and gain access to exclusive benefits, including networking opportunities, career support, and various other privileges.

Alumni play a crucial role in mentoring students, fostering industry partnerships, and contributing to the university's growth. They remain an integral part of Nirma University's legacy and its continued success.

## APPLICATION FORM FEE

### APPLICATION FORM FEE

#### A. Undergraduate Programme

For All India &  
NRI/NRI-Sponsored Seats:

₹ 350.00/-  
(non-refundable)

For the candidates who have appeared  
qualifying examination from a school located  
in the State of Gujarat (including Daman and  
Diu or Dadra Nagar Haveli (UT).

₹ 1200/-  
(non-refundable)

For the candidates who have appeared  
qualifying examination from a school located  
outside the State of Gujarat.

#### B. Integrated 5 Years Programme

₹ 1500/-  
(non-refundable)

For All India & NRI/NRI-Sponsored Seats

## PAYMENT MODE

All India Seats	Online Payment through Credit Card / Debit Card / Net Banking
NRI / NRI-Sponsored Seats	

Candidates are required to follow admission procedure and schedule, declared from time to time at the office of the Institute and website. (<https://technology.nirmauni.ac.in/admissionaid/undergraduate/b-tech/>).

## IMPORTANT DATES

### BTech (Undergraduate Programme)/ BTech (CSE)-MBA (Integrated 5 Year Programme)/ BS [2+2] Dual Degree

All India and NRI/NRI-Sponsored Category Seats

Online Application starts from

20<sup>th</sup> February, 2025

Last date for Online application

Refer Website

#### Note:

- All disputes are subject to Ahmedabad, Gujarat jurisdiction
- All information given in the admission leaflet of the Institute of Technology, Nirma University, Ahmedabad is only for general information or use. The information provided does not constitute any legal contract between the Institute or university and any person or entity. Although all reasonable efforts are made to present current and accurate information, ITNU excludes any warranty, expressed or implied, as to the quality, accuracy and completeness of this leaflet.

All latest updates regarding the admission process shall be made available exclusively on the official admissions webpage. No separate communication shall be sent via text message or email. Applicants shall be solely responsible for regularly checking the webpage for updates and notifications.



## OTHER PROGRAMMES @ NU

The University has a host of institutes including Institute of Technology, Institute of Management, Institute of Pharmacy, Institute of Science, Institute of Law, Institute of Architecture & Planning, Institute of Commerce, Institute of Design. These institutions offer numerous undergraduate, postgraduate, and doctoral programmes.

### INSTITUTE OF MANAGEMENT

- Integrated BBA-MBA
- Master of Business Administration
- Master of Business Administration (Family Business & Entrepreneurship)
- Master of Business Administration (Human Resource Management)
- Executive Diploma Programme (EDP) in Management
- Management Development Programme (MDP)

### INSTITUTE OF PHARMACY

- Bachelor of Pharmacy
- MPharm in Pharmaceutics/ Pharmaceutical Analysis/Pharmacology/ Regulatory Affairs
- PharmD (Doctor of Pharmacy)

### INSTITUTE OF SCIENCE

- MSc in Biotechnology/ Microbiology/ Biochemistry

### INSTITUTE OF LAW

- BA, LLB (Hons)
- BCom, LLB (Hons)
- LLM in Constitutional and Administrative Law
- LLM in Criminal and Security Law

### INSTITUTE OF ARCHITECTURE AND PLANNING

- Bachelor of Architecture
- Master of Architecture

### INSTITUTE OF COMMERCE

- Bachelor of Commerce (Hons)

### INSTITUTE OF DESIGN

- Bachelor of Design (Communication Design)
- Bachelor of Design (Industrial Design)

### INSTITUTE OF INTERNATIONAL STUDY

- BS (CSE) (2+2 Dual Degree) with the last 2years in the US/Canada
- BS (Chemical Engg.) (2+2 Dual Degree) the last 2years in the Curtin University (Australia)
- BS (Civil Engg.) (2+2 Dual Degree) the last 2years in the Curtin University (Australia)
- BS (Pharmaceutical Science) (With an exit option to earn PharmD degree from the US)

### DOCTORAL PROGRAMME

- Nirma University offers Doctoral Programme (fulltime/part-time) across all the institutes except for Institute of Commerce and Institute of Design.

For further information regarding eligibility, admission procedure, application process etc. please refer to the Nirma University website ([www.nirmauni.ac.in](http://www.nirmauni.ac.in))



Contact Details

**The Admission Officer**

**UG Admission Committee 2025**

ID-Block, ID-210, Nirma University

Sarkhej-Gandhinagar Highway, Ahmedabad – 382481, Gujarat- India

**Phone No. (admission office)**

+91-079-71652585 • +91-02717-241911/12/13/14/15 (Ext. 585)

**Admission Office Timings**

11.00 am to 3.00 pm (Monday to Friday)

10.00 am to 2.00 pm (Odd-Saturdays)

**E-mail : [ugadmissions.it@nirmauni.ac.in](mailto:ugadmissions.it@nirmauni.ac.in)**

**# Website URL: <https://technology.nirmauni.ac.in/admission-aid/under-graduate/b-tech/>**

Scan the QR Code  
for Admission Website

