NIRMA UNIVERSITY
2024-25

NIRMA UNIVERSITY
NAAC ACCREDITED 'A+' GRADE

SPREAD THE LIGHT OF KNOWLEDGE
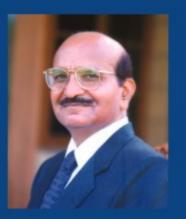

The President

Nirma Education and Research Foundation (NERF)

Renowned industrialist and philanthropist Dr Karsanbhai K Patel, the founder of the Nirma Group of Industries, established the Nirma Education and Research Foundation (NERF) in the year 1994 with a vision to promote higher education and to provide excellent educational facilities to the youth in India. In 1995, Nirma Institute of Technology – affiliated with Gujarat University – was established by the NERF. It was followed by the establishment of Nirma Institute of Management in 1996.

In the year 2003, the Government of Gujarat approved the proposal of the NERF to found the Nirma University,

Ahmedabad. It is the first private university in Gujarat. It was established under a special Act passed by the Gujarat State Legislative Assembly. The University Grants Commission (UGC) duly recognised the university under Section 2 (f) of the UGC Act.

Besides higher education, the NERF is equally committed to school education. It strongly believes in the fact that a strong foundation is a prerequisite for education. With this philosophy, it runs two schools in Ahmedabad, where the emphasis is laid on providing value-based education clubbed up with innovative educational practices.

Dr Karsanbhai K Patel, Chairman, Nirma Limited and Founder President of Nirma Education and Research Foundation (NERF) and Nirma University, is globally recognised, both as an industrialist and a visionary in the field of education.

Dr Patel is conferred the Udyog Ratna Award in 1990, Gujarat Businessman Award in 1998, Ernst & Young Lifetime Achievement Award in 2006, Sardar Vallabhbhai Patel Vishwa Pratibha Award in 2009, Baroda Sun Lifetime Achievement Award in 2009, Padma Shri Award in 2010 and Chemtech Award of Hall of Fame, to name a few.

An Honourary Doctorate of Humane Letters was awarded to him by Florida Atlantic University, USA for Business and Marketing acumen and philanthropy in 2001. He was also conferred Honourary DLitt by Devi Ahilya Vishwavidhyalaya, Indore in 2007. He was conferred Life Time Achievement Award by the Gujarat Chamber of Commerce and Industry in 2019.

Overview

Established in the year 2003, **Nirma University,** Ahmedabad is a research-oriented, student-centric, multidisciplinary, not-for-profit state private university. Under the leadership of Padma Shri Dr Karsanbhai K Patel, the university is expanding every passing year and has emerged as a nationally renowned higher education institution.

The university is conferred the 'Centre of Excellence' status by the Government of Gujarat. It is also awarded a 5-star status in the Gujarat State Institutional Rating Framework (GSIRF) 2022 by the Government of Gujarat. Thus, making the university one of the best private universities in Gujarat.

The university is accredited by the National Assessment and Accreditation Council (NAAC) with an 'A+' grade.

Major undergraduate programmes of the university are also accredited by the National Board of Accreditation (NBA) in Tier-I format.

Spread across the exuberant green **115-acre campus,** the university has a host of institutes, departments, and centres, including the 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, and Institute of International Study; Faculty of Doctoral Studies and Research; Centre for Continuing Education, Centre for Entrepreneurship, Centre for

Advanced Instrumentation, and Centre for Robotics and Automation. These institutes offer numerous undergraduate, postgraduate, and doctoral programmes. Apart from these, the university also offers several certificate and executive diploma programmes.

University is awarded Gold Rating for its Green Campus by IGBC
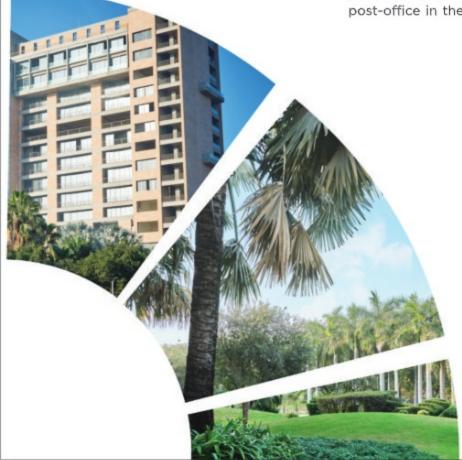
The Indian Green Building Council (IGBC) awarded the university an IGBC Gold Rating, under the IGBC Green Campus Rating System. This award is granted in appreciation of the university's accomplishments in the areas of Site Planning and Management, Sustainable Transportation, Water Conservation, Energy Efficiency, Material & Resource Management, Health & Well-being, Green Education and Innovation in Design. Nirma University is the **first university in Gujarat** to receive this award.

Location

The university is strategically located on the Sarkhej-Gandhinagar Highway, near Vaishnodevi Circle in the city of Ahmedabad and is in close proximity to Gandhinagar. The campus has good connectivity to all parts of the city. It is 17 kms away from the Sardar Vallabhbhai Patel International Airport, Ahmedabad; 11 kms from the Sabarmati railway station. It has educational institutes, hospitals, corporate houses, star hotels, restaurants, temples, and a post-office in the vicinity.

Motto

तमसो मा ज्योतिर्गमय 'From darkness, lead us to light'

Vision

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

Mission

Nirma University emphasises the all-round development of its students. It aims at producing not only good 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.

Core Values

The university is driven by certain values that it believes in; and observes in its day to day functioning. Some of the core values of the university are:

• Student Centricity
• Contribution to the Society
• Quest for Academic Excellence

Facts and Figures

Global Representation

16 Countries

National Representation

31 States/ Union territories

Gender Ratio

65% Male

35% Female

Rs 88.20 Lakh
Highest Placement Package in BTech Programme

Companies Participated
400+

Faculty
445

UG and PG Students
9959

PhD Students
366

Alumni
40,192

*Data As on 2023

Constituent Institutes

Nirma University is fast emerging as a **Multidisciplinary Education and Research University (MERU)**. Currently, its constituent institutes offer a host of programmes in eight disciplines. The university has implemented the New Education Policy (NEP) from the Academic year 2022-23. Under this scheme, students have the option to take a **Minor specialisation in a diversified area** in addition to the Major specialisation of the area in which the student has sought admission. These initiatives will provide new opportunities for young people and encourage cross-disciplinary research.

Institute of Technology

Institute of Technology was established in the year 1995 by the Nirma Education and Research Foundation (NERF). The institute is the first self-financed engineering college in Gujarat. All the seven BTech Programmes of the Institute of Technology viz. Chemical Engineering, Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical Engineering, Electronics and Instrumentation Engineering, and Mechanical Engineering are accredited by the National Board of Accreditation (NBA) under the Tier - I Category. The institute offers a globally compatible Academic Credit System with an emphasis on Continuous Evaluation.

Institute of Management

Institute of Management, founded in 1996 has curated future-ready programmes, introduced new-age courses, and systematically restructured the curriculum to meet the demands of society. The MBA programme of the Institute of Management is accredited by the National Board of Accreditation (NBA). The institute is internationally accredited through the South Asian Quality System (SAQS) by the Association of Management Development Institutions in South Asia (AMDISA), an international association, and a SAARC-recognised body.

Institute of Pharmacy

Institute of Pharmacy was established in the year 2003 to prepare young men and women to meet the challenges in the area of pharmaceutical industries, education, research and development. The undergraduate programme of the Institute of Pharmacy is accredited by the National Board of Accreditation (NBA). The BPharm, MPharm and PharmD programmes are duly recognised by the Pharmacy Council of India. The institute houses state-of-the-art instruments, a cell culture facility, a machine room with sophisticated instruments, an animal house registered with the Committee for Control and Supervision of Experiments on Animals (CPCSEA), the Government of India, and a medicinal plant garden.

Institute of Science

Institute of Science was established in the year 2004 with the intent to provide quality education to postgraduate students whose career goals go beyond academics. The institute currently offers a Master of Science in Biochemistry, Biotechnology, and Microbiology. The institute has made steady progress in research since its establishment and has made its mark at the national level. It has implemented multiple extramural research projects and published research in reputed international journals. The alumni of the institute are well-placed in reputed Bio-pharma companies, research and academic institutes in India and abroad.

Institute of Law

Institute of Law was established in 2007. It is committed to exploring multidisciplinary approach through its unique curriculum and modern pedagogies thereby adapting to the changing world in which law professionals operate. The institute focuses on developing knowledge, skills, research aptitude and values among the students.

Institute of Architecture & Planning

Institute of Architecture & Planning was established in 2014. Its learning pedagogy comprises 'Studio based learning' which emphasises interactive teaching where every pupil's ideology, notion, understanding and thought process is discussed and taken ahead with improvisation. The Related Study Programme (RSP) and Field Studio of the institute acquaints and exposes students to various Architecture and Planning works, opening new vistas and taking students on an intriguing journey. The 5-year undergraduate programme in Bachelor of Architecture and a 2-year postgraduate programme in Master of Architecture in Urban Design are duly recognised by the Council of Architecture (COA).

Institute of Commerce

Institute of Commerce was established in 2016. The institute imparts quality education in the fields of Accounting and Banking, Financial Services and Insurance (BFSI). The Bachelor of Commerce (Honours) Programme comprises eight semesters over four years in accordance with the New Education Policy (NEP) 2020.

Institute of Design

Institute of Design was established in 2017. It emphasises the teaching-learning process through research and practice. The student and faculty get involved in highly focused training in creative abilities, visualisation, communication and representational skills. Learning is through studios, classrooms, workshops, fieldwork, apprenticeships, internships, and projects sponsored by industry, NGOs, etc. The institute offers two flagship programmes - Communication Design, and Product and Interaction Design.

Institute of International Study

Institute of International Study is recently established in 2022. The institute aims to provide Indian students with international educational opportunities at a partner university abroad. In this context, the university has introduced a dual degree - Bachelor of Science (Computer Science and Engineering) programme where the student will study for the first two years at Nirma University and the remaining two years at a partner university abroad. On successful completion of the programme, the undergraduate degree will be awarded by the partner university and the Nirma University (separately). To facilitate this programme, the university has entered into MoUs with some of the leading universities in the USA and Canada.

Faculty of Doctoral Studies and Research

Faculty of Doctoral Studies and Research is the coordinating Faculty for the Doctoral Programmes run by the constituent institutes of the university. The university started the Doctoral Programmes in the year 2003. Currently, Doctoral Programmes are offered in the fields of Engineering and Technology, Pharmacy, Science, Management, Law, and Architecture. The university offers both Full-time and Part-time Doctoral Programmes.

Programmes

Integrated Programmes

Institute of Management
- BTech (CSE)-MBA
- BBA-MBA

Institute of Law
- BA-LLB (Hons)
- BCom-LLB (Hons)

International Dual Degree Programme
- Bachelor of Science (Computer Science and Engineering)
- Bachelor of Science (Pharmaceutical Sciences {Hons.})

Undergraduate Programmes

Institute of Technology
- BTech in Chemical Engineering
- BTech in Computer Science and Engineering
- BTech in Civil Engineering
- BTech in Electronics and Communication Engineering
- BTech in Electrical Engineering
- BTech in Mechanical Engineering
- BTech in Electronics and Instrumentation Engineering
- BTech in Computer and Data Sciences

Institute of Management
- Global BBA (Hons.)

Institute of Pharmacy
- Bachelor of Pharmacy
- PharmD

Institute of Architecture and Planning
- Bachelor of Architecture

Institute of Commerce
- Bachelor of Commerce (Hons)

Institute of Design
- Bachelor of Design (Communication Design)
- Bachelor of Design (Product and Interaction Design)

Postgraduate Programmes

Institute of Technology
- MTech in Computer Science and Engineering
- MTech in Computer Science and Engineering (Data Science)
- MTech in Computer Science and Engineering (Cyber Security)
- MTech in Civil Engineering (Computer Aided Structural Analysis & Design)
- MTech in Civil Engineering (Construction Technology & Management)
- MTech in Electronics and Communication Engineering (VLSI Design)
- MTech in Electronics and Communication Engineering (Embedded System)
- MTech in Electrical Engineering (Electric Vehicular Technology)
- MTech in Mechanical Engineering (CAD/CAM)
- MTech in Mechanical Engineering (Design Engineering)
- Master of Computer Applications (2-Year Programme)

Institute of Management
- Master of Business Administration
- Master of Business Administration (Family Business & Entrepreneurship)
- Master of Business Administration (Human Resource Management)

Institute of Pharmacy
- MPharm in Pharmaceutics
- MPharm in Pharmaceutical Analysis
- MPharm in Pharmacology
- MPharm in Regulatory Affairs

Institute of Law
- LLM in Constitutional and Administrative Law
- LLM in Criminal and Security Law

Institute of Science
- MSc in Biotechnology
- MSc in Microbiology
- MSc in Biochemistry

Institute of Architecture and Planning
- Master of Architecture (Urban Design)

Doctoral Programmes
- Technology
- Management
- Pharmacy
- Law
- Science
- Architecture and Planning

Further information is available at https://nirmauni.ac.in/admissions/

Scholarship/ Financial Assistance

The university provides various schemes for financial assistance to undergraduate, postgraduate, doctoral, and postdoctoral students in the form of scholarships. Besides Merit/Merit-cum means Scholarships, the other assistance provided to students includes the Earn While You Learn scheme, Needy Students' Fund, Reimbursement of Interest on Educational Loans, Book Bank facility, and Fellowship. On average the university spends more than Rs 10 crores every year to support the students through these schemes.

Alumni

Nirma University is proud of its alumni and the difference they are making to the world around them. Their contributions have been acknowledged by organisations and institutions as they have marched ahead, creating value and opportunities. With more than 2000 members joining the group every year, the alumni network with close to 40,000 members currently is growing stronger year on year.

The university has constituted the 'Nirma University Alumni Forum' to foster continuous engagement of the alumni with their Alma Mater and draw their expert knowledge in the relevant fields to further enhance, strengthen and reinforce the overall quality of education.

The alumni contribute immensely to the development of the student community through regular interactions in the form of lecture series, mock interviews, soft skill interventions, and provide the much-needed Industry interface.

Infrastructure

Buildings of all the constituent institutes have a host of amenities including amphi-theatre, classrooms equipped with multi-media and audio-visual equipment, spacious seminar halls and auditoriums with varied capacities, hi-tech advanced laboratories with the latest equipment, and studios, to name a few. Smart classrooms facilitating virtual sessions are also set up to enhance the learning experience of students.

University libraries are equipped with the latest facilities. Each Institute of Nirma University has a separate library located in the respective institute building. To facilitate users with reading and brainstorming, separate reading rooms have been provided along with the library. All libraries are digitally connected and have many shared resources. A remote log-in facility is provided to access electronic resources 24 x 7 and ensure high network security.

Besides this, **a Central Library 'Nima Knowledge Centre'** is coming up at the campus. The upcoming library covers a total area of 7666.28 sq meters and occupies six floors which are internally connected to each-other. The library will be automated with RFID technology

which will give users a sense of freedom from the usual queues in libraries. The library is well-planned in terms of layout. It is divided into different sections, like Lending Section, Reference Section, Circulation Counter, Check Counter, Open Public Access Catalogue Section, Staff Area, Reading Area, Periodical Section, Photocopy Section, Digital Lab, Bound Volumes Areas, etc. The library is designed such that differently-abled users can access the resources easily. The Nima Knowledge Centre easily qualifies to be one of the best libraries in India. Built on a very strong technology framework, the library subscribes to a host of databases that provide digital access to the world of scholarly and business information from desktops/laptops and other web enabled devices through the campus LAN network. The library has been automated using KOHA - an open-source software.

Computing facilities at the campus include state-of-the-art computer laboratories, with the latest configuration computers, modern software, and high-speed servers. The university has specialised computer laboratories like, NVIDIA supported Deep Learning Lab, High-Performance Computing Lab, Networking and Internet of Things Lab, Information and Network Security Lab, CISCO Lab, DBT funded Lab, and PARAM 10000 Super Computer (parallel processing for an extensive numerical job).

The university has well-equipped **laboratories** with the necessary analytical equipment, simulation software, and experimental setup. Some of the noteworthy laboratories are the Heavy Structural Lab, Earthquake Engineering Lab, Thermal Insulation Testing Lab established under the NAFETIC Scheme of AICTE, Robotics Lab, etc. The Centre for Advanced Instrumentation, a central instrumentation facility has high-end instruments for pursuing research activities. The laboratory provides a platform for young scholars to develop their skills in handling the latest instruments and is also helpful to masters' students, doctoral students, and faculty members who are involved in pursuing research activities. The facility helps them carry out cutting-edge interdisciplinary research of national and international importance.

In addition, there are Animal Cell Culture Facility, Insectariums, a Medicinal Plant Garden, and Animal House. There are several studios with spatial arrangements of drafting tables and working space for model making, and display areas are created to provide a hands-on learning experience to the students of Architecture and Design.

Student Startup and Incubation Centre

To support the innovations and ideas of young students and provide a conducive environment for the optimum harnessing of their creative pursuits, a Student Startup and Incubation Centre is established at the university. It is recognised as a nodal agency of the Government of Gujarat under the Student Startup Innovation Policy (SSIP). Any current student or alumnus of Nirma University for up to 5 years can apply and be a part of this scheme. Based on the initial scrutiny of the application, applicants are asked to submit a detailed business plan.

Further information is available at
https://cenu.nirmauni.ac.in/studentincubation/

Tinkerers' Lab

The university recently inaugurated the Tinkerers' Lab under the auspices of the Maker Bhavan Foundation (MBF). The Maker Bhavan Foundation, California, US has funded such labs at IIT Bombay, IIT Madras and IIT Gandhinagar in the past, and now for the first time, it went outside of the IIT organisations by funding Nirma University. The Lab encourages an inventive attitude among students and provides avenues for students to hone their skills, develop new patentable ideas, build prototypes, and file provisional patents.

Further information is available at
https://cenu.nirmauni.ac.in/tinkerers-lab/

International Relations

With the advancement in communication technologies and changing mindset of people around the world, globalisation has been increasing at all levels in the last decade. Leveraging on this, Nirma University has also collaborated with universities and multi-national companies and aims to work for mutual benefit through strategic partnerships. The collaboration between universities and multinational companies also helps practical research, employment, and social engagement.

The Office of International Relations manages foreign collaborations and also supports the foreign community on campus.

The Office of International Relations is dedicated to helping international students, faculty, and scholars in achieving their academic, personal, and professional goals through advising, facilitating visa processes, promoting cross-cultural opportunities, and offering specific services keeping in mind the international aspects.

International Admissions

The university has a separate intake of 5% for Children of Indian Workers in Gulf Countries and Southeast Asia (CIWGC-SEA). Also, foreign students having a non-Indian passport (FN), or foreign students having a non-Indian passport and also having the OCI or PIO card (OCI/PIO) can apply under OCI/PIO/FN supernumerary category that has 10% intake reserved. The supernumerary seats are available for all programmes. This category includes students from SAARC countries as well.

The tuition fee structure for SAARC students is the same as that of domestic students.

Further information is available at https://internationalrelations.nirmauni.ac.in/

Facilities

Sports Facility

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 epicentre for health, athletics, recreation, and wellness on campus.

Hostels

The university has separate hostels for boys and girls. The girls hostel has a total capacity of around 1500 beds, available both at the undergraduate and postgraduate levels. For boys, hostels are available at the postgraduate level only. The university provides accommodation to international undergraduate male students. The university has three hostels for boys with a total capacity of 822 beds. In addition to the mess facility for the students staying in the hostels, the university has two food courts, and a central dining facility as well. Only vegetarian meals are served on the campus.

Counselling Centre

Keeping the academic, social-psychological, and emotional needs of its students in mind, the university has a dedicated Counselling Centre on its campus. The counsellor systematically studies and discusses student problems and facilitates the student to find an appropriate solution. To create awareness among the students, the counsellor also conducts group sessions on topics of general importance, like stress management, prevention of drug addiction, etc.

Health Care Centre

The in-campus Health Care Centre is equipped with the basic facilities for the treatment of all primary diseases. A non-resident doctor is available for consultation on all working days. The doctor can be contacted over the phone as well in case of any emergency. The university has an ambulance to cater to any medical emergency on campus. Additionally, the university has tie-up with nearby leading hospital for providing additional medical facility to its members.

Other Facilities

• The university campus houses a branch of the Kalupur Commercial Co-operative Bank Limited along with two ATMs.

• The university operates a fleet of buses that ply in almost all the areas in Ahmedabad and Gandhinagar. The transportation facility is available for students, faculty and staff members.

• A Student store is available on campus. Books, notebooks, stationery, student materials and laboratory instruments, etc are available in the store.

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