




PROSPECTUS 2022

	NIRMA UNIVERSITY
INSTITUTE OF PHARMACY	
NAAC ACCREDITED 'A+' GRADE	

20th All India Rank by NIRF 2021

First Rank by GSIRF 2021 (CGPA – 4.8) with Overall Five Star Rating

BPharm Program accredited by **NBA** for Three Years (2019 – 2022)

Institute of Pharmacy
Nirma University

VISION

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

MISSION

Nirma University emphasizes 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 endeavors to treat every student as an individual, to recognize 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

Student Centricity

- Emphasize on holistic development of the students through extra and co-curricular activities
- Pursue student-centered teaching-learning process
- Focus on employability and entrepreneurship
- Nurture lifelong learning skills
- Use of ICT tools and technology

Contribution to the Society

- Align curricula and pedagogy to cater to societal needs and demands
- Conduct applied research to address organizational and societal problems

Quest for Academic Excellence

- Develop and retain outstanding employees
- Use inter-disciplinary approach in the teaching-learning process and research
- Think creatively and do relevant research
- Establish strong linkages with the industry, academia, research organizations, alumni and civil society

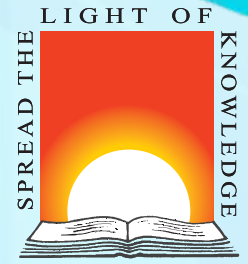


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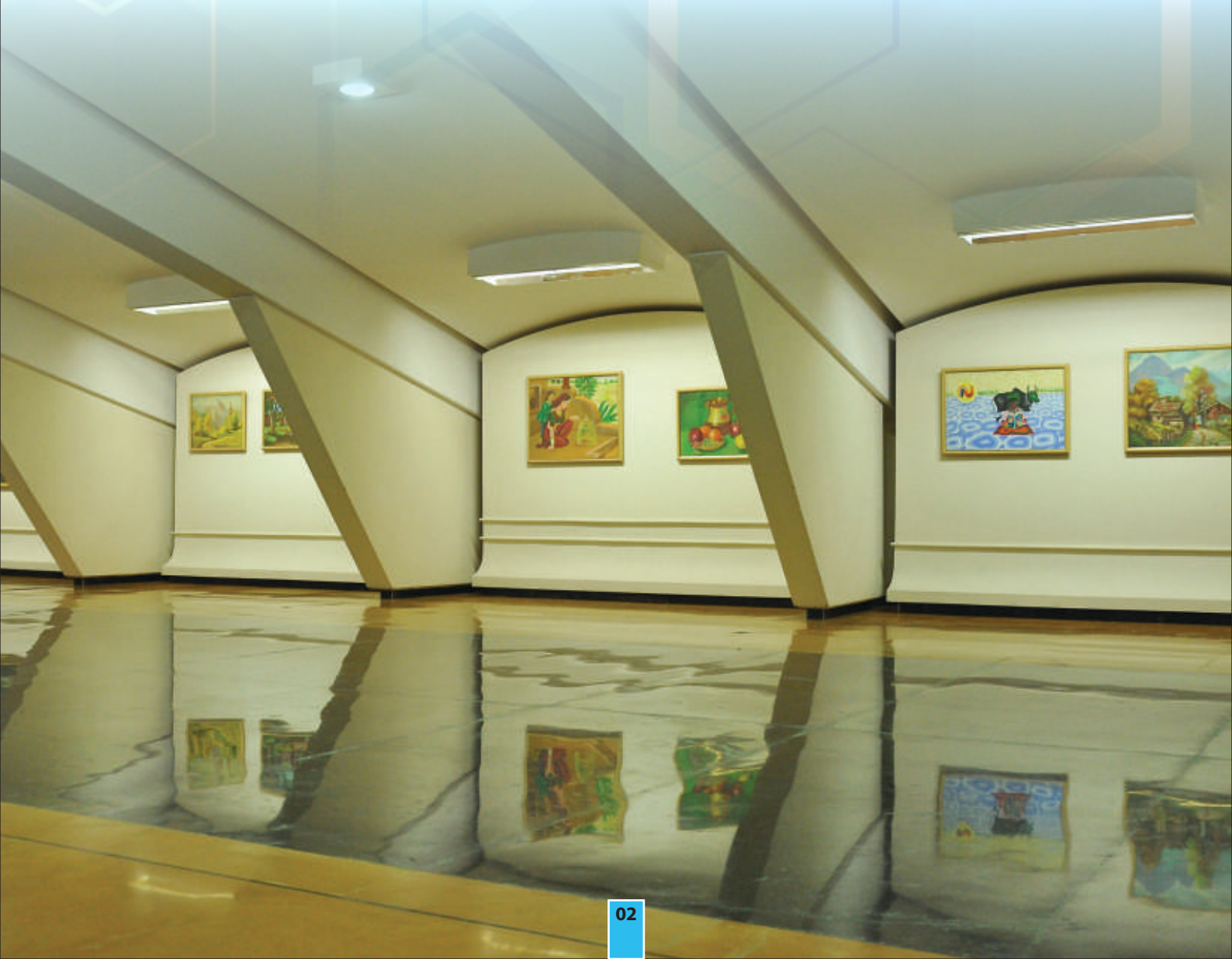
Nirma Education and Research Foundation

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 provide excellent educational facilities to the youth in India. In 1995, Nirma Institute of Technology – affiliated to 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. Hence, Nirma University was established under a special Act passed by the Gujarat State Legislative Assembly. The University Grants Commission (UGC) duly recognized the University under the Section 2 (f) of the UGC Act.

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 'Nirma Vidyavihar' at Bodakdev and Chharodi campus in Ahmedabad, where the emphasis is laid on to provide value-based education clubbed up with innovative educational practices.



Nirma University

Established in the year 2003, the Nirma University, Ahmedabad is a research-oriented, student-centric, multidisciplinary, not-for-profit state private university. Within a short period of its existence, it has emerged as a nationally renowned higher education institution. The University and its constituent institutes are highly ranked by different ranking agencies.

Nirma University is duly recognized by the University Grants Commission (UGC) under Section 2 (f) of the UGC Act. The University is accredited by the National Assessment and Accreditation Council (NAAC). The University is a member of Association of Indian Universities (AIU) and the Association of Commonwealth Universities (ACU). The university received the Centre of Excellence (CoE) status from the Government of Gujarat in January 2022.

Dr Karsanbhai K Patel, Chairman, Nirma Group of Industries and Nirma Education and Research Foundation (NERF), is the President of the Nirma University. Under his leadership, the University is expanding every passing year and moving from strength to strength.

Spread across the sprawling lush green 115-acres campus, the University has a host of institutes, departments and centres, 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, Faculty of Doctoral Studies and Research, Centre for Continuing Education, Centre for Entrepreneurship, Centre for Advanced Instrumentation, Centre for Robotics and Automation and Centre of Excellence in Data Science. These institutions offer numerous undergraduate, postgraduate and doctoral programmes. Apart from these, the University also offers several certificate and diploma programmes.





तमसो मा ज्योतिर्गमय

Board of Governors

Dr. Karsanbhai K. Patel

Chairman, Nirma Limited,
Chairman, Nirma Education and Research Foundation,
President, Nirma University

Shri. K. K. Patel

Vice President, Nirma University

Shri Rakeshbhai K. Patel

Vice Chairman, Nirma Limited

Shri Hirenbbhai K. Patel

Managing Director, Nirma Limited

Dr Pankajbhai Patel

Chairman and Managing Director
Zydus Cadila Health Care, Ahmedabad

Shri Vipinbhai S. Parikh

Advocate

Prof. D. P. Agrawal

Former Chairman
UPSC, New Delhi

Prof. Sangita Shroff

Dean, Faculty of Design,
Nirma University

Dr Anup K. Singh

Director General, Nirma University

Shri S. J. Haider, IAS

Principal Secretary,
Dept. of Higher and Technical Education,
Government of Gujarat, Gandhinagar

Shri R. D. Shah

Chartered Accountant,
Trustee, Nirma Education and Research
Foundation

Dr P. N. Bhagwati

Industrialist and Educationist, Chairman,
Bhagwati Sphero Cast Limited

Shri Kamalbhai Trivedi

Advocate General Gujarat High Court,
Ahmedabad

Prof. Sarat Dalai

Dean, Faculty of Science, Nirma University

G. Ramachandran Nair

Executive Registrar (Secretary),
Nirma University





Institute of Pharmacy, Nirma University



Vision

Striving to excel in pharmaceutical education, research & innovation to develop outstanding professionals catering to the health care needs of the humankind.

Mission

The institute aims to develop employable students, researchers and entrepreneurs by inculcating critical thinking, problem solving ability, ethical values and leadership skills. Institute provides vibrant environment for continuous learning by strengthening industrial collaboration for developing competent professionals.

About the Institute

Institute of Pharmacy was established in the year 2003 under Nirma University with the aim of developing able professionals in the field of pharmaceutical sciences. In a short span of time, it has become one of the leading institution in the country, offering pharmaceutical education at the undergraduate, postgraduate, doctoral and postdoctoral level. The Institute has been ranked 20th in India Ranking 2021 by Ministry of Human Resource Development, (MHRD), Government of India in its National Institutional Ranking Framework (NIRF). The Institute has been secured 1st rank in Gujarat by GSIRF 2020 with Five Star Rating and overall CGPA of 4.8.

The Institute offers BPharm, MPharm, Full time and Part-time PhD as well as Postdoctoral programme. The BPharm Program was approved by NBA for Three Years (2019 – 2022). The Institute has adopted Outcome Based Education (OBE) to further advance the development of professional knowledge, inculcate employability skills in addition to development of character and social responsibility. To achieve the same objective, vision and mission of the institute was also defined in line with University's vision and mission. The Institute has also defined its programme educational objectives and programme outcomes.

The Institute has more than 8.0 crore rupees grant from funding agencies and has collaboration with various research centers and industries. The Institute houses state-of-the-art instruments, like supercritical fluid extractor and chromatogram, HPTLC, HPLC, MPLC, GC, Fluorescence Spectrometer, Raman Spectrometer, UV-VIS-NIR Spectrophotometer, FTIR, DSC, ELISA, PCR, Electrophoresis, Texture Analyser, Automated Dissolution Apparatus, Extruder-Spheronizer, Multiple diffusion Assembly, High Pressure Homogenizer, Particle Size Analyser, Microwave synthesizer, Stereotaxic apparatus with Microdialysis, Electrospinning Unit etc. The Institute also has the software, like iWorx, Gold Suit, eCTD, Design Expert, etc.

The Institute has a two-storied animal house facility registered with the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), Government of India. Besides, there is also a medicinal plant garden "Nirma Herbal Wealth", having an area of 3356.5 sqm with around 150 genera and 500 plants.

B.Pharm. Programme

Programme Educational Objectives (PEOs)

- PEO 1: To acquire effective knowledge of pharmaceutical sciences leading to hold key position in industry and health care sector
- PEO 2: To attain practical training and technical expertise in pharmaceutical sciences
- PEO 3: To inculcate professional and ethical standards with effective interpersonal communication skills.
- PEO 4: To develop interdisciplinary pharmaceutical approach towards society benefit, problem solving and lifelong learning.
- PEO 5: To adapt and implement best practices in the profession by enrichment of knowledge and skills in research and critical thinking



Programme Outcomes as per NBA

No. Programme Outcomes

- PO1 **Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
- PO2 **Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines
- PO3 **Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
- PO4 **Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations
- PO5 **Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.
- PO6 **Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
- PO7 **Pharmaceutical Ethics:** Honor personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
- PO8 **Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions
- PO9 **The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice
- PO10 **Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO11 **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis
- PS01 **Drugs and diseases:** Understand different classes of drugs, their mechanism of action, dynamics, kinetics, structure activity relationships, pathophysiology and pharmacotherapeutics of various diseases.
- PS02 **Drug development:** Ability to synthesize, develop and/or evaluate various pharmaceuticals and their formulations and cosmeceuticals products
- PS03 **Analytical skills:** Develop skills in qualitative and quantitative analysis of various pharmaceuticals.
- PS04 **Training:** Acquire technical knowledge and hands on training on equipments, instruments and software used in the field of pharmaceutical sciences.

***PS01-PS04 are program specific outcomes'.**

The link of MPharm Program POs and PSOs is:

<https://pharmacy.nirmauni.ac.in/academics/programmes/masters-of-pharmacy/>

Academic Infrastructure

The Campus

The Institute of Pharmacy is situated on the sprawling 115-acre green campus of Nirma University. It has all the modern facilities like Sophisticated Instruments, State of the art labs, excellent computing & IT infrastructure including latest software, rich library, canteen, playgrounds, indoor games and gymnasium. The campus provides an ambience that motivates the students to grow. Additionally, the campus has sports facilities and the overall ambience is distinguishable by its serenity, which is conducive for intellectual pursuits.

Nirma Herbal Wealth

Plants have been used for the treatment of various ailments since ancient times. India has earned a lot of fame for its indigenous traditional knowledge of Ayurvedic and herbal drugs. To give emphasis on the importance of herbal drugs, a medicinal plants garden, covering a total area of 3356.5 sq. meters has been developed at the University campus. More than 150 species of various medicinal plants have been planted. The medicinal plants garden provides a strong impetus for herbal drug research and training.

Library

The library plays a vital role in the collection, development and dissemination of scientific information and includes a wide range of volumes in different branches of Pharmaceutical Sciences and allied subjects and also provides extensive access to leading Indian and international research journals. The Library at Institute of Pharmacy houses more than 9600+ books selectively chosen for reading and reference purposes. Learning CDs, research reports, dissertation thesis, national and international periodicals, pharma magazines, etc. provides a research environment to students. On campus web access of e-journals like science direct and scopus database for pharmaceutical modules enables students to access the recent trends at international research. In addition to a rich collection of reference books, Institute houses latest editions of pharmacopoeias of many countries. Value added services like search facility, on-demand selective dissemination of information, remote log-in facility and knowledge repository through DSpace are unique features of the library as a learning resource center. The Library is fully automated with Open Source, user-friendly library software KOHA that facilitates automated circulation (issue & return) of books and location and availability information of the books stocked in the library. Online Public AccessCatalogue (OPAC) is also available on the Internet to inquire about the status of the resources.

Class Rooms

The classrooms are spacious, ventilated and equipped with multimedia and audiovisual equipment to facilitate effective learning and promote maximum interaction between the faculty and students.

IT Infrastructure

The Wi-Fi enabled campus provided 24x7 learning to students on campus. Course websites, LMS-Moodle and learning blogs are unique feature for faculty-student interaction. Computer centers are capable to conduct online assessment of many students at a time. An integrated software system records students' attendance, academic performance, etc.



RESEARCH INFRASTRUCTURE

Centre for Advanced Instrumentation (CAI)

This sophisticated instrumentation facility has high-end instruments which provides a platform to graduating students to develop their skills in handling latest instruments and is also helpful to masters' students, doctoral research scholars and faculty members who are involved in pursuing research activities. Centre facilitates procurement of high-end instruments as it requires huge investment, maintenance as well as expertise, which is otherwise difficult for individual researchers. Apart from this, the centre offers its services to external researchers working in academia, research centres and industries. In line with the vision of the University to do overall development of its students, to serve society and to achieve new milestones in various fields of research and development, the University has decided to set up a Centre for Advanced Instrumentation (CAI). This central facility will enhance the research activities and outcomes of university.

List of Instruments:

1. Gas Chromatography
2. High Pressure Liquid Chromatography
3. High Performance Thin Layer Chromatography
4. Supercritical Fluid Chromatography / Extraction
5. Atomic Absorption Spectrophotometer
6. Differential Scanning Calorimeter
7. Freeze Dryer
8. FT-IR Spectrometer with Microscope
9. High Pressure Homogenizer
10. Particle Size Analyzer
11. Spectrofluorometer
12. Total Organic Carbon
13. UV/VIS/NIR Spectrophotometer
14. Florescent Microscope
15. Flow Cytometer
16. Polymerase Chain Reactor (Real Time)

Sophisticated Instruments

Sophisticated instrument laboratories equipped with modern instruments, which are most essential part of all research activities which facilitate interdisciplinary research. The instruments available at the institute are UV-Visible Spectrophotometer, Dispersive Raman Spectrometer, zeta potential analyser, lyophiliser, stereotaxic apparatus, microdialysis system, hematoanalyser, semi-automated biochemical analyzer, ELISA, PCR, gel documentation system to name few.





Machine Room

The machine room is equipped with Rotary Tablet Machine, Fluidized Bed processor, Digital Tensiometer, Texture Analyzer, Liquid extruder, Mini Spray Dryer, Freeze dryer, Automated Dissolution Apparatus, projection microscope, vacuum drier, Ultrasonicator etc. The laboratory provides facilities to carry out extensive research and consultancy for pharmaceutical industries.

Drug Discovery Lab

The Institute has a separate Drug Discovery Laboratory equipped with necessary computational facilities. It possesses seven workstations (computers) with latest configurations. It also possesses molecular modeling software. The students are trained on the software for docking, pharmacophore modelling and QSAR studies etc.

Animal House

The Institute has state-of-the-art animal house facility registered by the CPCSEA, Government of India. It provides pre-clinical testing in conformity with national and international regulatory guidelines (Schedule Y and OECD). The animal house facilitates the availability of healthy and homogeneous animals for preclinical research studies. An incinerator is also available at the animal house for ethical disposal of the sacrificed animals.



Amenities

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.

Canteen and Food Courts

A modern canteen and food court building areas provide hygienic and wholesome food, snacks and beverages. The facility of the VIP dining area is also available.

Sport Playgrounds

Specially designed playgrounds and courts for cricket, volleyball, football, lawn tennis, basketball, and other games are maintained on the campus. Indoor game facilities like table tennis, chess, carom, etc. have also been created. A full-fledged gymnasium is also available for students.

Health Centre and Ambulance Service

The University has its own Health Centre and a Nonresident Doctor for primary treatment to the students. Ambulance service is available at 24X7 on the campus for emergency cases.

Yoga Hall

The University has a well-designed Yoga Hall on the campus for conducting yoga classes. Regular yoga classes are part of the academic curriculum.

Students' Store

A students' store is run on a "no profit no loss" basis and provides all the necessary materials like books, stationary, practical requirements, etc. to students.

Bank

For the benefit of the students and staff members, the Nirma University branch of Kalapur Commercial Cooperative Bank with ATM facility is available on the university campus.

Hostel Accommodation

Hostel accommodation (separate for boys and girls) is available on campus for Undergraduate (only girls) Postgraduate and PhD students (boys and girls). Various types of hostel rooms (AC, non-AC, sharing basis, etc.) are spacious and well furnished with internet facilities. The hostel mess serves only vegetarian food.

Transport Facility

Transport facility is provided to the students from their residence to the institute and back. For this the university has its own fleet of buses, which ply on pre-decided routes.

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 Cameras.

Other Facilities

In order to provide round the clock electricity, two generators set 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 is also having sewage treatment plant and also uses its canteen waste to generate compost for gardening purposes.





Department Profiles





Department of Pharmaceutics

Pharmaceutics, a multidisciplinary science is associated with the development, production, and characterization of dosage forms/drug delivery as well as the disposition and action of drugs in the body. Department of Pharmaceutics offers courses at undergraduate, postgraduate and doctoral levels. Students are trained towards the basic concepts to the latest developments in pharmaceutics and pharmaceutical technology as per the need of society. The department works towards promoting a strong multidisciplinary, team-based approach to drug delivery, embracing a variety of activities in the broad area of drug formulation and delivery. The faculty members and students at the department contribute to research through funded projects, industrial projects, consultancy, etc. to formulate novel formulations.

Thrust Area

- Dosage form development including nutraceuticals and cosmeceuticals
- Targeted Drug delivery systems for the treatment of various diseases like of cancer, diabetes, CVS diseases, CNS diseases, infectious diseases, Wound healing etc
- Micro/ Nano-based and vesicular drug delivery systems using QbD-DoE Approach
- Dissolution/ Bioavailability Enhancement for poorly soluble drugs.

Department of Pharmaceutical Chemistry

The Department of Pharmaceutical Chemistry is an integral part of pharmacy education involving several aspects of new drug discovery and development in collaboration with other disciplines of pharmacy. As a part of undergraduate teaching and learning, various subjects included are Pharmaceutical Inorganic Chemistry, Biochemistry, Pharmaceutical Organic Chemistry, Medicinal Chemistry, and Computer Aided Drug Design. Extensive use of modern audio-visual teaching aids and molecular models make the lessons interesting and student-centric. The department has collaborations with various research organizations, industries and basic science departments where students can participate in interdisciplinary research projects relevant to core areas. The research projects help students to get deep insights in the research area and help to develop expertise. The students are also encouraged for various other activities like personality, communication and soft skills development; scientific

writing; workshops for improvement in presentation and documentation skills, etc. Alumni members of the department are placed at various places like R&D, CRO and academic institutions, etc. Many past students are also pursuing their doctoral studies in reputed universities across the globe.

Thrust Area

- In-silico and rational drug design
- Synthesis of NCEs
- Lead identification and optimization
- Biological Evaluation of Potent NCEs





Department of Pharmaceutical Analysis

Department of Pharmaceutical Analysis deals with the analysis of the raw materials as well as finished pharmaceutical formulations which are very important for the evaluation of quality, safety, and efficacy of pharmaceutical products.

At the undergraduate level, the department is involved in imparting theoretical as well as practical knowledge of the subject that a student needs to acquire the current scenario of quality control and quality assurance of pharmaceutical substances as per the need of the Pharmaceutical Industry and regulatory requirement. The subject includes an introduction to pharmacopoeias (IP, BP, USP, and others) and different analytical methodology used in pharmacopoeias for the analysis of drug substances and Drug Products.

The department provides an exhaustive postgraduate programme focused on research and coursework relating to most recent advances in pharmaceutical and biomedical analysis, quality assurance as well as regulatory affairs. The students are motivated for

overall development, including personality development, scientific writing, data interpretation, presentation, documentation, good laboratory practices, communication, and soft skills.

Full time PhD students of the department got research fellowship from CSIR, ICMR, DST, DST-INSPIRE and Nirma University. Faculty members of the department are actively involved in interdisciplinary research work and collaborated with scientists of various reputed research organisation, academic institute, and industry.

Thrust Area

- Analytical Method Development and drug stability evaluation
- Herbal and Food Analysis
- Space Medicine
- Pharmaceutical Regulatory Affairs

Department of Pharmacology

Pharmacology is a unique and dynamic branch of pharmacy, since it involves the understanding of how a drug deals with the human body and how the human body responds to the drug. The department offers undergraduate courses like Anatomy and Physiology, Pharmacology, Pathophysiology and Clinical Pharmacy and Pharmacotherapeutics. The post-graduate programme in Pharmacology focuses on research-oriented courses like Cellular and Molecular Pharmacology, Clinical Research and Pharmacovigilance, etc. The department has collaborations with national and international research institutes, industries and other basic science departments where students can participate in interdisciplinary research projects that are relevant to pharmacology. The research projects facilitate a critical examination of pharmacological approaches and analyses/techniques used in research and produce a comprehensive dissertation and present their findings. The students are motivated for overall development, including- personality development, scientific writing, data interpretation, presentation, documentation, good laboratory practices, communication, and soft skills. Alumni members of the department are placed in research and development, medical writing, CRO's and reputed academic institutions. The department has received several consultancy projects from various government agencies and national and international

pharmaceutical industries. The doctoral students are awarded scholarships from DST, ICMR and pharmaceutical industries for their projects. Research scholarships for PhD programmes are also awarded on a competitive basis and are supported by University schemes.

Thrust Area

- Identification of novel therapeutic and molecular targets, pharmacological evaluation and development of novel experimental and surgical models.
- Bioinformatics, Safety Pharmacology, Pharmacokinetics, Toxicokinetics and Toxicity Studies and artificial intelligence using good laboratory practices (GLP) protocols
- Drug discovery and Formulation development and biological evaluation for various drug delivery systems
- Clinical Research in compliance with Good Laboratory Practices (GLP) protocols and Good Clinical Practice (GCP)





Department of Pharmacognosy

The Department of Pharmacognosy is engaged in imparting basic and advanced aspects of different natural sources as pharmaceutical raw materials, traditional medicines, phytochemical screening, and scope of Indian medicinal plants in the allied sciences like food, nutraceuticals, and cosmetics. The department deals with the theoretical as well as practical knowledge of undergraduate courses related to pharmacognosy, phytochemistry, analytical pharmacognosy, the chemistry of natural products, herbal drug technology, and nutraceuticals. The department is offering consultancy services to the herbal drug industries, various research institutes, and cosmetic companies and successfully completed many consultancy projects. Several students are pursuing

their PhD under the guidance of the able faculties in the department with research fellowships under the Government scheme of DBT, INSPIRE-DST and Women Scientist WOS-A.

Thrust Area

- Phytopharmacological Evaluation of Herbal drugs and bioactives
- Nutraceuticals and Herbal Formulations
- Extraction, Isolation, separation of phytoconstituents and Analytical Method Development
- Quality control & standardization

Academic Programmes

The Institute currently offers following programmes:

1. B.Pharm. (Eight Semester Programme)* - 100 seats (85 State Quota seats + 15 NRI seats)

2. M.Pharm. (Four Semester Programme)*

- a. **Pharmaceutics – 15 seats**
- b. **Pharmaceutical Analysis – 15 seats**
- c. **Regulatory Affairs – 12 seats**
- d. **Pharmacology – 12 seats**

3. Ph.D.** (Full Time and Part Time) Programme and Post doctorate Programme in Pharmaceutical Sciences'

For further detail please visit: <https://pharmacy.nirmauni.ac.in/admission-aid/>

For admission related inquiry please visit: <https://pharmacy.nirmauni.ac.in/enquiry/>

Unique Features

- BPharm and MPharm curriculum as per Pharmacy Council of India (PCI).
- Highly Qualified Faculty members having PhD and research experience with various awards, patents & publications in reputed journals.
- Multi-crore research projects sponsored by different funding agencies including government agencies.
- Adoption of Outcome Based Education (OBE-AOL) concept in teaching learning process.
- Additional courses like value added courses, enrichment and add-on courses, industry electives, university electives, departmental electives, audit courses, MOOC courses, etc. in the curriculum.
- Students' involvement in Social Extension and NSS activities to inculcate societal values in students.
- Practical Training in Industries during summer breaks and vacations.
- Advisory Committee comprising eminent personalities of Academia and Industries.
- Strong industry-Academic Interaction by regular visits to pharma industries, CROs and R&D centers.
- Expert lectures from industries, academic peers and alumni members for latest knowledge beyond the syllabus.
- Constant mentoring of each student by the faculty on career guidance.
- Grooming and coaching of students for competitive exams like GPAT, TOEFL, GRE etc.
- Grooming of students for Personality Development, Communication Skills, Ethical Values and Professional Growth.
- Use of Plagiarism policy for thesis checking.
- Dedicated Industry Institute Interaction cell, for training and grooming of students for effective transition from campus to company.

BPHARM ADMISSION

Bachelor of Pharmacy (BPharm) is four years (eight semesters) under-graduate program approved by Pharmacy Council of India (PCI) for 100 Seats intake. Institute follows norms of Admission Committee for Professional Courses (ACPC), Gujarat State for admission process. As per government norms, additional total 10 Seats are being filled as Supernumerary Seats by ACPC - 5 Seats for Economically Weaker Sections (EWS) and 5 Seats for Tuition Fee Waiver Scheme (TFWS).

Admission by ACPC, Gujarat State

- 85 Seats (+ 5 EWS + 5 TFWS) are being admitted by ACPC, Gujarat state. Candidate needs to apply to ACPC, Gujarat State (www.jacpldce.ac.in) for centralized admission process.
- Eligible candidates would be allotted admission as per merit prepared considering results of qualifying exam (12th Science Board exam) and GUJCET of current year.
- If the seats remained vacant after completion of admission process by ACPC (i.e. after final round of allotment), then admission on vacant seats would be processed directly by Institute as per norms and instructions by ACPC.

Management Seat (NRI Category)

- 15 Seats are admitted by Institute as NRI category (NRI self / NRI ward / NRI sponsored) as per norms of ACPC.
- Interested candidate fulfilling eligibility criteria may apply to Institute within a stipulated time period as per ACPC norms by payment of application process fees.
- The additional documents required to be submitted includes the copy of passport (and visa) as a proof for NRI, and the notarized affidavit undertaking from sponsor as per standard format.
- Eligible candidates would be admitted as per inter-se merit list of applications received for NRI category Admission.

Refer Institute website for more details about eligibility, admission process, fee structure, etc.

MPHARM ADMISSION

Master of Pharmacy (MPharm) is a two year (four semesters) post-graduation program approved by Pharmacy Council of India (PCI) offered in following specializations:

- **Pharmaceutics** **15 Seats**
- **Pharmacology** **12 Seats**
- **Pharmaceutical Analysis** **15 Seats**
- **Regulatory Affairs** **12 Seats**

One seat is reserved in each branch for students who have passed their BPharm from Nirma University.

The candidates must have passed the qualifying examination (BPharm) from a recognized university with minimum aggregate marks or equivalent Cumulative Grade Point Index (CGPI) or any other qualifying degree examination (as per AICTE & PCI norms) considered as equivalent of BPharm degree by Nirma University, Ahmedabad. Candidates who are appearing for the final semester of qualifying examination (BPharm) can also apply.



Admission Process

- Interested candidate may apply online from institute website.
- The eligible applicants with valid GPAT score will be given preference for admission in all the branches, and the admission will be given based on the merit of All India Rank (AIR).
- Seats remained vacant after considering the qualified GPAT candidates, would be offered to Non-GPAT candidates as per merit of the National Level Online Entrance Exam conducted on the day of counseling at Nirma University campus.
- Exam comprises of multiple choice questions and it would be in-line with GPAT exam.

Financial assistance (i.e. stipend) would be given to all admitted candidates.

- GPAT Qualified Student : Rs. 12,400/- per Month
- Non-GPAT Student : Rs. 5,000/- per Month

Refer Institute website for more details about eligibility, admission process, fee structure, etc.

INTERNATIONAL STUDENTS ADMISSION

15% of total seats in each program being conducted at the constituent institutes of Nirma University, is available for admission to International Students under the Supernumerary categories like Children of Indian Workers in Gulf Countries and South East Asia (CIWGC-SEA), Persons of Indian Origin (PIO) and Foreign Nationals (FN); out of which one-third i.e 5% seats are earmarked for CIWGC-SEA.

Categories for International Students

A) Children of Indian Workers in Gulf Countries and South East Asia (CIWGC-SEA)

The candidates whose parents are working in Gulf countries or South East Asia are eligible under this category.

B) Persons of Indian Origin (PIO)

The persons who are citizens of other countries (except Pakistan and Bangladesh) who at any time held an Indian Passport, or who or either of his parents or any of his grandparents was a citizen of India by virtue of the provisions of the Constitution of India or Sec 2 (b) of Citizenship Act, 1955 (Act No. 57 of 1955) are eligible under this category. Overseas Citizens of India (OCI) are considered under this category.

C) Foreign Nationals (FN)

The citizens of all countries other than India, who are not of Indian origin as defined under PIO are eligible under this category. This category includes SAARC countries also.

Refer following for more details about application, admission process, fee structure, etc.

<https://internationalrelations.nirmauni.ac.in/admissions/>

Contact for more details:

Office of International Relations, Nirma University

Email: ir.nu@nirmauni.ac.in



PhD & POST-DOCTORAL ADMISSION

Nirma University offers Full Time and Part-time Doctoral (PhD) Program and Post-Doctoral Fellowship (PDF) program in the specialization of Pharmaceutical Sciences. Faculty of Doctoral Studies and Research (FDSR) governs the admission as per norms of UGC and Nirma University.

- Candidates for admission to the programme shall have a Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed)
- An entrance test is conducted for the eligible candidates, followed by an interview by a Departmental Research Committee to select the candidate.
- Entrance test is comprised of 50% from research methodology and 50% from core subject; and candidate scoring more than 50% in entrance test would be allowed for the next step of interview/viva-voce.
- The candidates who qualify the UGC-NET (Including JRF) UGC-CSIR NET (Including JRF) SLET / GPAT with a valid score in terms of cut-off marks and duration, teacher fellowship holder or who have passed MPhil programme shall be exempted from appearing in the entrance test and deemed to be qualified for personal interview.
- During interview / viva-voce, candidates are selected based on competence for the proposed research, the research work suitability at the Institute, and innovative contribution by research area.
- On the recommendation of the Departmental Research Committee and on the approval of Dean, Faculty of Doctoral Studies & Research; the selected candidates would be offered admission and Research Supervisor shall be allocated by the Department Research Committee.
- As per norms of Nirma University, the meritorious PhD candidates are eligible for financial assistance (i.e. Scholarship) as Rs. 21,700/- Per Month for First Two Years and Rs. 24,800/- Per Month for Third Year.
- A Postdoctoral Fellow is entitled for the monthly fellowship at par with the salary of an Assistant Professor of Nirma University at the time of appointment.

Refer following for more details about application, admission process, fee structure, etc.

<https://fdsr.nirmauni.ac.in/>

Contact for more details:

PhD Section, Nirma University

Email : phd.section@nirmauni.ac.in

ACADEMIC EXCELLENCE

The institute makes use of an appropriate mix of pedagogical tools to train students to handle professional responsibilities. These include lectures by an appropriate mix of in-house and visiting faculty, expert lectures, discussions, seminars, project assignments, and visits to industries. The laboratory practical related to the theory course are included in the syllabus to acquaint the students with practical knowledge. Continuous Evaluation and counselling are important parts of the academic programme.

The quality education is imparted by following approaches.

- Rigorous Coaching with Continuous Evaluation
- Learning through Classroom Teaching, Practical Work, Industry Visits and Project Work
- Use of Innovative Pedagogical Tools for Teaching and Assessment
- Faculty Guidance and Advisory System with Faculty as Counsellors to students
- Continuous Enhancement of Communication Skills
- Portion of curriculum is covered by Industrial Expert and Alumni Member in each course
- Idea lab for carrying research on new idea by the students

Internal Quality Assurance Cell (IQAC)

The establishment of the Internal Quality Assurance Cell (IQAC) as per guidelines of NAAC, is a major step in maintaining long term quality standards of the Institute. The cell works under egis Centre for Quality Assurance and Academic Development (CQAAD) established at University level. It acts as a nodal agency of the Institution for coordinating quality-enhancement activities, including adoption and dissemination of best practices and apply standards and benchmarks for various academic and administrative activities of the institution. The role of IQAC is internalisation and institutionalisation of quality enhancement initiatives in teaching, research and academic administration.



STUDENT SUPPORT

Mentoring

The faculty members are assigned a fixed number of students right at the time of their joining the programme. The faculty has periodical meetings with students in order to evaluate their academic performance and proper orientation towards the programme, guide them to rectify any shortcoming and to solve any problem related to academics, personal and adjustments with his/her colleagues and faculty members.

Ragging – Zero Tolerance

Ragging is strictly prohibited inside and outside the University campus. The Anti Ragging Committee, constituted for this purpose by the Institute, is empowered to take immediate punitive action against any untoward action, like suspension of attending classes & academic privileges, expulsion from hostel, Rustication from the institution or cancellation of admission as per the severity of event. Students seeking admission shall have to furnish an undertaking in this regard to ensure about not to involve in any such activities. The national anti-ragging helpline no. is 1800-180-5522 [24*7 toll free].

Women Development Cell

In pursuance of the directives issued by the UGC and MHRD, the Nirma University has set up the Women Development Cell (WDC) and prescribed norms to sensitize the community with regard to gender related issues and create a gender friendly environment. The objectives of Women Development Cell are to provide and maintain a dignified, congenial working environment for women employees (including teaching, non-teaching and contractual workers) and students, where they can work, study and explore their potential to the fullest and a committee of some specified members has been constituted as "Women Development Cell".

Equal Opportunity Cell

Indian Society has rich diversity in terms of religion, caste and culture which is characterized by social division and this may lead to inequalities and create barriers to access the important resources to disadvantaged section of the society. These sections include Scheduled Caste, Scheduled Tribes, other backward classes, women, minorities and differently abled persons. With the objectives to identify the

issues amongst the disadvantaged sections on the campus and to provide an enabling and non-discriminative environment for them, to promote inclusive policies and practices on the campus and to ensure equality and equal opportunities to the disadvantaged group on campus through proper implementation of policies, skills, and programs.

Prevention of Sexual Harassment

Nirma University has constituted a complaint committee for prevention of Sexual Harassment with the objectives to prevent discrimination and sexual harassment against women, by promoting gender amity among students and employees, to lay down procedures for the prohibition, resolution, settlement and prosecution of acts of discrimination and sexual harassment against women, by the students and the employees, to deal with cases of discrimination and sexual harassment against women, in a time bound manner, aiming at ensuring support services to the victimized and termination of the harassment and to recommend appropriate punitive action against the guilty party to the Chair/Director General of NU. ". In pursuance to the regulation published by UGC, the Internal Complaint Committee (ICC) has been constituted by the University.

Anti-drug Squad

Institute of Pharmacy, Nirma University has constituted Anti-drug squad with an objective of creating awareness for prevention and dangerous effects of the abusive drugs.

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. The counsellor helps the students address their problems positively by helping them clarify the issues, explore options, develop strategies and increase self-awareness.

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. The Counselling Centre is at the Institute of Management building, ground floor, in front of the Management Library.

STUDENT PROGRESSION

Orientation Program

The Institute organizes a unique orientation programme of about one week for all new entrants in order to enhance familiarity, and to acclimatize the freshers to the academic and social environment of the campus. Various lectures on Time Management, Stress Management, Human Relations, Positive Attitude, Communication Skills, etc. are delivered by eminent speakers to the students. This programme enables the students and faculty to interact and understand each other. It also provides smooth transition from school life to a new environment of professional studies.

Under Graduate Research Council

In line with the University Research Policy, Institute of Pharmacy also envisages basic, applied and societal relevant research apart from conducive learning. Institute of Pharmacy, Nirma University has established the Under Graduate Research Council to encourage interest of UG students in research related activities. These activities include guidance for innovative ideas, engaging students into practical and real life problem solving and nurture their creativity. This initiative is to engrave curiosity and support the students in research by providing the egis of mentors and pursue multi-disciplinary research in Pharmaceutical Sciences.

Programme Committee

The Institute has a Programme Committee for B. Pharm and M. Pharm Programme constituted by the Head of the institution in consultation with all the Heads of the departments. The committee members periodically review the progress of the classes and discuss the problems concerning curriculum, syllabus and the conduct of classes. The committee members also discuss with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters. The committee communicates its recommendation to the Head of the institution on academic matters.

Co-curricular Activities

The Institute gives due importance to projects, industrial visits and training during academic breaks to support curricular work of the students. The students are motivated to present seminars on latest developments in the field of pharmaceutical sciences, which helps to enhance their library reading, scientific writing and presentation skills. The Students have participated at various National and State Level competitions and have also won awards. The Institute also regularly organizes a National level Quiz "NIRMAQUEST". Extensive participation is received from institutions of the state as such a competition provides the students a platform to bring out their communication skills and general, factual and scientific knowledge.



Extra-Curricular Activities

The Institute organizes every year cultural festival "ROSTRUM", which are competitions of various events like drama, skits, dances, songs & debate, where the students demonstrate their skills and the budding artists show their talents. "Euphoria" is a dedicated program conducted for first year students to provide platform to new students for participation in various extra-curricular activities. Sports events are also regularly organized every year. Celebrations of Independence Day and Republic Day are also organized. Foundation Day & Teachers Day celebration are other events which are routinely planned at the institute level.

Students' Association & Clubs

Nirma Institute of Pharmacy Students' Association (NIPSA) empower students to organize co-curricular, extra-curricular and talent events independently. Various Clubs like Entrepreneurship Club, Arts & Craft Club, Design Club, Literature Club, Drama Club, Photography Club, etc. provide overall development of the students of the Institute.

Alumni Interactions

Institute of Pharmacy Nirma University Alumni Association (IPNUAA) maintains a networking with the alumni through a series of activities, whereby we invite alumni as guest speakers, visiting faculty, member in IQAC-I, member in Board of Studies, as well as as an expert to interact with the existing students for technical talks as well as career guidance, such that the students benefit from their expertise as well as from their network. Alumni members from abroad are contributing through online webinars. Moreover, the IPNUAA regularly organizes annual alumni meet as well as sector-wise alumni networking meet, whereby the final year existing students interact with the alumni members for better career opportunities.

Idea Lab

Institute of Pharmacy, Nirma University conducts "IdeaLab" for the last four years to promote creative activity at the Institute by funding the testing and implementation of novel ideas of the students. Early hands-on experience provides opportunities for enthusiastic and passionate freshmen to join the group. In this endeavour, the students are also being guided and mentored by the faculty.

This type of activity mainly encourages young minds to think about real-time problems and their solutions through innovative projects. Funding is given to the projects that are technically and exploratory with a potential impact on pharmacy, science, technology, industry, environment and social benefits. IdeaLab welcomes multi-disciplinary, ideas involving students from multiple departments of different institutes. This kind of activity is required to develop overall expertise in terms of various skills like technical skills, conceptual skills, planning, decision making, troubleshooting, etc. The Institute has given funding to the following projects.



INDUSTRY INSTITUTE INTERACTION CELL

Industry Institute Interaction (III) Cell constantly interacts with industry, so as to maintain healthy and mutually beneficial relations between industry and academia. III Cell works towards providing close links with pharmaceutical industries, contract research organizations and other state and national level R&D organizations so that it helps the institute in student placements / training / Curriculum improvement etc. It strives to find out the gap between the needs of the industry and the end product of the Institute. III Cell tries to facilitate and enhance quality of interaction between the institute stakeholders and Industry.

At Nirma University, each institute has its III cell, which is managed by a dedicated Corporate Relations Manager. It is supported by faculty placement coordinators and student coordinators, working under the guidance of the Director and in association with respective heads of the departments. III Cell facilitates student visits to industries, industrial training, project placement & campus interviews. Placement of students for industry training/projects during summer has been benefiting students to a great extent.

III cell trains and grooms the students so as to ensure that the students can smoothly transit from academics to industry. The students are oriented and trained towards placement related topics like writing better resumes, participating in group discussions, facing interviews, Interview etiquette etc.

Top recruiters that visit the Institute include Alembic, Amneal, APCER Life Sciences, Aragen, BioQuest, BYJU's, Cliniserve, Dr Reddy's, Emcure Pharmaceuticals, Finecure Pharmaceuticals, Genpact, Indegene, Intas Pharmaceuticals, Lambda Therapeutic Research, Meditab, Meteoric Biopharmaceuticals, Molkem, Nestle, RadiAnt Minds, Senores, Shaip, Stivaph, Sun Pharmaceuticals, Sushen Medicamentos, Syngene International, Torrent Research Center, Troikaa Pharmaceuticals, YJ Trivedi & Co, Beiersdorf (NIVEA), Biocon, GSK Pharmaceuticals, Janssen Pharmaceuticals(J&J), Lupin Research Centre, Macleods Pharma, Nirlife, Novartis, Piramal Healthcare, SPARC (SUN Pharma), Zydus Cadila, etc.

Industrial Training for the undergraduate and postgraduate students

Training is an integral part of the study to prepare the students for the real-world problems. The undergraduate and postgraduate students are placed at various industries for 6 to 8 weeks under the supervision and guidance of respective industry personnel. The faculty carries out monitoring and evaluation regularly.



JOHN STAUFFER PHARMACEUTICAL SCIENCES CENTER



COLLABORATION

The University, recognizing research as the main drive of success in an academic setting, has established a distinct Faculty of Doctoral Studies and Research to initiate research programmes independently or in collaboration with National Laboratories that have the potential in terms of infrastructure and expertise.

The collaborations with research laboratories include Physical Research Laboratory (PRL), Space Application Centre (ISRO), CII (Confederation of Indian Industry), Directorate of Forensic Science, B. V. Patel Pharmaceutical Education and Research Centre. The national collaborations with industries are Piramal Drug Development Services Ltd., Cadila Pharmaceutical Research Centre, Intas Pharmaceuticals Ltd., Apollo Hospitals International Ltd., Sushen Medicaments, Finecure Pharmaceuticals Ltd. and Evonik. Our international collaborators are Changwon National University, South Korea, Plovdiv University, Bulgaria, Massachusetts College of Pharmacy and Health Science - MCPHS University, Boston, USA University of Southern California, USA, University of Turin, Torino, Italy and Tirupati USA, LP.

International Relations Office

International Relations Office supports two functional areas:

1. International Collaborations

With advancement in communication technologies, affordable travel and changing mindset of people around the world, the globalization has been increasing at all levels in last decade. The universities can also leverage on this and work for the mutual benefits through strategic partnerships. In addition, the collaboration with multi-national companies also helps practical research, employments and social engagement. The International Relations Office at Nirma University focuses on planning and executing the global collaborations for the enhancement of the quality of education adopting the dynamics of 21st century education to our students.

2. International Students Affairs

The International Relations Office is also dedicated to help 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 exclusively designed keeping in mind the international aspects.

PROFESSIONAL OUTREACH ACTIVITIES

Conferences

Institute of Pharmacy, Nirma University organizes national and international conferences to provide the platform to share the knowledge. The international conference, "Nirma Institute of Pharmacy International Conference" (NIPiCON) and National Conference "National Conference of Institute of Pharmacy" (NCIP) are organized every alternate year. These conferences aims to cater a knowledge sharing experience in various areas of pharmaceutical sciences with emerging trends and innovative approaches. Eminent Scientists from abroad and India shared their research for the benefit of participants across various pharma colleges and industries.

Seminars and Workshops

The short and long duration programmes like workshops, lectures, seminars, competency-based skilled development programmes, vocational training, etc. are organized under the banner of Centre for Continuing Education (CCE), with an objective to provide continuing education and training to students, research scholars, academicians, and professionals. Various events like Hands-on-training Sophisticated Instruments, equipments, machines, softwares, drug evaluation techniques, etc. used in pharmaceutical research; as well as seminar on recent trends in pharmaceuticals are being organied at regular intervals.

Short term training programmes (STTP) and faculty development programs (FDP)

One week or two weeks long short term training programmes (STTP) and faculty development programs (FDP) are regularly organized for regular faculty members during summer vacations for the training and development of in-house faculty members as well as other academicians. Events are organized with the objective to improve the teaching skills with inclusion of innovative techniques in teaching. These are offered in a wide variety of areas subject matter updating, transforming higher education through innovative pedagogical tools, dynamics of scientific writing in pharmaceutical research, recent advances in pharmaceutical sciences & research, which enables faculty members in the field of technical education to introspect and learn techniques that can help to prepare the students for active and successful participants in a knowledge society.



International dignitaries

International experts in the pharmaceutical field are invited to deliver lectures series, guest lectures and public lectures in order to provide global scenario of pharmacy.

- Prof. Sunil Jambhekar, Professor of Pharmaceutical Sciences, LECOM School of Pharmacy, 5000 Lakewood Ranch Boulevard Bradenton, Florida, USA, delivered e-expert talk on “Two Compartment Models” on April 10, 2021.
- Prof. Raj Sevak, Assistant Professor, University of the Pacific, CA, USA, delivered an online Guest lecture on “Pharmacotherapy of Parkinson's and Alzheimer's disease” on February 03, 2022.
- Prof. Virinder Parmar, Faculty in Nanoscience at the CUNY Graduate Center and in Chemistry at Lehman College & Medgar Evers College, The City University of New York, USA, delivered an online Guest lecture on “Crucial Role of Natural Products in Drug Discovery & Development” on February 04, 2022.
- Prof. Maya P. Nair, Director, Biological Safety Division, NIH program Certified Trainer, CDIP UNTHSC, University of North Texas Health Science Center, USA delivered an online Guest lecture on “Cell culture techniques” on February 24, 2022.



Eminent Expert lecture

Expert lectures by eminent dignitaries can provide a valuable opportunity to interact, collaborate and discuss on the most fascinating and challenging questions. The Institute try to bring great personalities from around the world to share their ideas and enlighten the society as a whole on a plethora of interesting topics.

- Prof. S. P. Vyas, Former Vice Chancellor at Dr. Harisingh Gour Vishwavidyalaya, Sagar, India delivered an online Guest lecture on "Nano Drug Delivery" to B.Pharm, M.Pharm, PhD students and Faculty on January 29, 2022.
- Mr. Srinivasa Reddy M., Director Inkar Instruments Pvt. Ltd. Mumbai India delivered an online Guest lecture on "Application of High-Pressure Homogenizer in Pharma Industries" to B.Pharm, M.Pharm, PhD students, Industry Persons and Faculty on January 29, 2022.
- Dr. Sanjula Baboota., Professor School of Pharma Edu. and Research, Jamia Hamdard, New Delhi India, delivered an online Guest lecture on "Nanocarrier Based Drug Delivery Approach for Combinatorial Drugs for Improved Therapeutic Outcomes" to B.Pharm, M.Pharm, PhD students, Industry Persons and Faculty on January 29, 2022.
- Dr. Saurabh Srivastava, Associate Professor & Head, Department of Pharmaceutics Associate Dean & Chair - Board of Studies and Research NIPER, Hyderabad, India delivered an online Guest lecture on "Nanomaterials: An Approach Towards Regulatory Perspective" to B.Pharm, M.Pharm, PhD students, Industry Persons and Faculty on January 29, 2022.
- Dr. Vikas Jain., Associate Professor JSS College of Pharmacy, Mysuru, Karnataka India delivered an online Guest lecture on "Lipid Based Nanomedicines: Current and Future Therapeutic Interventions" to B.Pharm, M.Pharm, PhD students, Industry Persons and Faculty on January 29, 2022.
- Dr. Namrata Jain Applications Scientist HORIBA India, New Delhi India delivered an online Guest lecture on "Particle Characterization solution for Pharma" to B.Pharm, M.Pharm, PhD students, Industry Persons and Faculty on January 29, 2022.
- Dr. Raghuvir R. S. Pissurlenkar, Professor, Goa College of Pharmacy, Government of Goa, Panji India, delivered an online Guest lecture on "Reactions of Synthetic Importance " to B.Pharm sem IV, Faculty on February 10, 2022.
- Dr. Rakesh Kumar Singh, Associate Professor, Head, Department of Pharmacology and Toxicology, National Institute of Pharmaceutical Education and Research (NIPER), Raebareli India, delivered an online Guest lecture on "YESTERDAY'S POISON-TODAY DRUGS " to Faculty members, PhD Scholars, M. Pharm Sem - II & IV and B. Pharm Sem - VIII students on February 10, 2022.
- Prof. Hemant Jadhav, Professor and Head, Department of Pharmacy, BITS-Pilani, India, delivered an online Guest lecture on "Tips to study Medicinal Chemistry Subjects Effectively" to B.Pharm sem IV, Faculty on February 11, 2022.
- Dr. Ginpreet Kaur Khurana, Associate Professor, Section Head, SVKM's Narsee Monjee Institute of Management Studies, Mumbai, India, delivered an online Guest lecture on "Advances in management of peptic ulcer" to Faculty members, PhD Scholars and M. Pharm Sem - II & IV on February 11, 2022.
- Dr. Sunilkumar B Bothra, Professor and HOD, Government College of Pharmacy, Aurangabad, India, delivered an online Guest lecture on "Recent Advanced in treatment of Tuberculosis " to Faculty , B. Pharm Sem – VI and M. Pharm Sem - II & IV (Pharmacology) on February 14, 2022.
- Dr. Anil Gaikwad Principal Scientist, Pharmacology, CDRI, Lucknow, India delivered an online Guest lecture on "Brown and whitening adipose tissue interplay: Role of metabolic homeostasis" to Faculty members, B.Pharm Semester-VIII, M.Pharm Semester-II students on February 21, 2022.
- Prof. Suvarn S. Kulkarni Professor, Department of Chemistry, IIT Bombay, Powai, Mumbai 400 076, INDIA delivered an online Guest lecture on

- "Stereochemistry " to Faculty members, B. Pharm Sem – IV students on February 21, 2022.
- Dr. Veda Krishnan, Scientist at IARI-ICAR, New Delhi India, delivered an online Guest lecture on "Forget work-life balance: It's about the BLEND" to Faculty members, B. Pharm Sem – VI, VIII and M. Pharm Sem - II & IV (Pharmaceutical Analysis, Regulatory Affairs) students on February 22, 2022.
 - Dr. Krishnamurthy Bhat Department of Pharmaceutical Quality Assurance, Manipal College of Pharmaceutical Sciences, Manipal India, delivered an online Guest lecture on "Nanotechnology Interventions and Phytoconstituents for Better Therapeutic Potentials" to Faculty members and students BPharm Sem–VIII, MPharm Sem-II & IV (Pharmaceutics) and PhD students on February 22, 2022.
 - Prof. Farhan Jalees Ahmad, Professor in Department of Pharmaceutics, School of Pharmaceutical Education & Research, Jamia Hamdard University, India, delivered an online Guest lecture on "Good Distribution Practices- A Key Element in Quality of End Product" to Faculty members, B. Pharm Sem – VI, VIII and M. Pharm Sem - II & IV (Pharmaceutical Analysis, Regulatory Affairs) students on February 22, 2022.
 - Dr. Alok N Sahu, Associate Professor, Department of Pharmaceutical Engineering & Technology, IIT (BHU), Varanasi, India, delivered an online Guest lecture on "Standardization and Quality Control of Herbal Drugs" to Faculty members and students of BPharm Sem–IV on February 22, 2022.
 - Dr. Rajeev Taliyan, Associate Professor, Birla Institute of Technology & Science-Pilani, India, delivered an online Guest lecture on "Epigenetic and Immunomodulation as an Effective Advanced Therapeutic Approach for Cancer Management" to Faculty members, B. Pharm Sem – VI and M. Pharm Sem - II & IV (Pharmacology) students on February 22, 2022.
 - Dr. N. Kannappan, Professor, Pharmaceutical Analysis, Annamalai University, Chidambaram, Tamilnadu India, delivered an online Guest lecture on " Role of Regulatory Affairs in Drug Discovery and Development " to Faculty members, B. Pharm Sem – VI and M. Pharm Sem - II & IV (Pharmaceutical Analysis, Regulatory Affairs) students on February 23, 2022
 - Prof. Suman Jain, Department of Physiology, All India Institute of Medical Sciences, New Delhi, India, delivered an online Guest lecture on "Physiology of Learning and Memory in Health and Alzheimer's Disease" to Faculty members, B. Pharm Semester – VIII and M. Pharm Semester - II & IV students on February 23, 2022
 - Prof. John Intru Disouza, Professor in Pharmaceutics, Principal, SWVSM's Tatyasaheb Kore College of Pharmacy, Warananagar, Kolhapur, India, delivered an online Guest lecture on "Choosing Statistical Tests in Pharmaceutical Research" to Faculty members and students BPharm Sem–VIII, MPharm Sem-II & IV (Pharmaceutics) and PhD students on February 23, 2022
 - Dr. N. Shankaraiah,, Associate Professor and Head, Department of Medicinal Chemistry, NIPER Hyderabad, India, delivered an online Guest lecture on "Molecular Hybridization: A Concept Paving Way in Development of Anticancer Agents" to Faculty members, PhD Students, B. Pharm Sem – IV and VI students on February 23, 2022
 - Dr. T M Pramod Kumar, Dean, Faculty of Pharmacy & Principal, JSS College of Pharmacy, Mysuru India, delivered an online Guest lecture on "Medical Device Regulations- History and Current approaches" to Faculty members, B. Pharm Sem – VIII and M. Pharm Sem - II & IV (Pharmaceutical Analysis, Regulatory Affairs) students on February 24, 2022
 - Dr. Sanjay Batra, Sr. Principal Scientist, Division of Medicinal and Process Chemistry, CDRI, Lucknow India, delivered an online Guest lecture on "Strategic Advances in Medicinal Chemistry - Harnessing different approaches for Drug Discovery" to Faculty members, B. Pharm Sem – VIII and M. Pharm Sem - II & IV (Pharmaceutical Analysis, Regulatory Affairs) student on February 24, 2022.
 - Dr. Mukesh Nandave, Asso. Prof. & Head, Dept of Pharmacology, Delhi Pharmaceutical Sciences and Research University, New Delhi India, delivered an online Guest lecture on "Role of autonomic nervous system in health and disease" to Faculty, M. Pharm sem - II, B.Pharm sem - IV and Ph.D

- students of Institute of Pharmacy on February 24,2022.
- Dr.S. GANGULY, Professor, Department of Pharmaceutical Sciences & Technology, Birla Institute of Technology, Mesra, Ranchi India, delivered an online Guest lecture on "3D QSAR- An overview" to Faculty and students of BPharm Sem-IV, M. Pharm II (Pharmacology), and PhD research scholars (Med. Chem.) on February 24,2022.
 - Dr.Gaurav Kumar Jain, Associate Professor, Delhi Pharmaceutical Sciences and Research University, Delhi India, delivered an online Guest lecture on "Biotechnology - A Pharmaceutical Perspective" to Faculty, B.Pharm.Semester VI and VIII, M. Pharm and PhD research scholars students on February 25,2022.
 - Prof. Sanju Nanda, Professor in Department of Pharmaceutics, Department of Pharmaceutical Sciences Maharshi Dayanand University Rohtak India, delivered an online Guest lecture on ""Scientific, Aesthetic and Ethical tools in cosmetic research" to Faculty and students BPharm Sem-VIII, MPharm Sem-II & IV (Pharmaceutics) and PhD research scholars students on February 25,2022.
 - Dr.Mohana Krishna Reddy Mudiam, Senior Principal Scientist & Professor (AcSIR), Analytical & Structural Chemistry Department, CSIR-Indian Institute of Chemical Technology, Tarnaka, Uppal Road, Hyderabad India, delivered an online Guest lecture on "Mass spectrometry based metabolomics:Application in bioanalysis and food safety" to Faculty, M. Pharm and Ph.D students on February 28,2022.
 - Dr.Krishnapriya Mohanraj, Professor and Head, Department of Pharmaceutical Analysis, Bombay College of Pharmacy, Mumbai India, delivered an online Guest lecture on "Case Studies in Impurity profiling- Structural Elucidation and Prediction of Degradation pathways"to Faculty members, B.Pharm Sem - VIII and M. Pharm Sem - II & IV (Pharmaceutical Analysis,Regulatory Affairs) students on February 25,2022.
 - Prof. Anil Jindal, Associate Professor, Department of Pharmacy, Birla Institute of Technology and Science (BITS) Pilani, Pilani Campus, Pilani, Rajasthan India, delivered an online Guest lecture on "Use of Physiological based pharmacokinetic modeling (PBPK) for the pharmaceutical product development" to Faculty and M. Pharm and PhD research scholars on March 03, 2022.
 - Prof.Srinivas Mutalik, Professor & Head, Department of Pharmaceutics, Manipal College of Pharmaceutical Sciences, Manipal,India delivered an online Guest lecture on "New avenues in Dendrimers and Liposome based Drug Delivery Systems" to faculty members, M. Pharm and PhD research scholars on March 04, 2022.
 - Dr.Atish T. Paul, Associate Professor, Department of Pharmacy Birla Institute of Technology and Science, Pilani,India delivered an online Guest lecture on "Understanding the Role of Natural Products Chemistry in Drug Discovery Process" to Faculty members and students of BPharm Sem-IV, VI and VIII, M.Pharm II & IV and PhD on March 08, 2022.
 - Mr. Ujjawal Jaiswal, Chief Instructor, Rushiraj Karate Kungfu Federation, Ahmedabad,India delivered an online Guest lecture on "Self-defense for Girl students" to Faculty members and Girl students of B.Pharm. Sem -I, M.Pharm. Sem - II and full-time PhD scholars (2021 batch) on March 10, 2022.
 - Prof.Anil M. Pethe, Professor & Dean, Datta Meghe College of Pharmacy, Datta Meghe Institute of Medical Sciences Deemed University, Wardha, Nagpur,India delivered an online Guest lecture on "Novel Technologies in Healthcare Research" to faculty members, B. Pharm. (Sem VIII), M. Pharm (Pharmaceutics) and PhD research scholars on March 10, 2022.
 - Dr.Rakesh K Singh, Associate Professor, Head, Department of Pharmacology and Toxicology, National Institute of Pharmaceutical Education and Research (NIPER), Raebareli,India delivered an online Guest lecture on "YESTERDAY'S POISON-TODAY DRUGS " to Faculty members, PhD Scholars, M. Pharm Sem - II & IV and B. Pharm Sem - VIII students on March 10, 2022.
 - Dr.Biswajit Mukharjee, Professor, Pharmaceutics, Jadavpur University,India delivered an online Guest lecture on "Drug Targeting with Nano-formulations" to all faculty members, M. Pharm and PhD research scholars on March 05, 2022.

- Dr. Gowthamarajan Kuppusamy, Professor and Head, Department of Pharmaceutics, JSS College of Pharmacy Ooty, India delivered an online Guest lecture on "Personalized Medicines for Future Pharmaceuticals" to all faculty members, M. Pharm and PhD research scholars on March 05, 2022.
- Ms.Nafisa Barot the founder Director of Utthan and is the recipient of the International Water Association's Women in Water Award, 2020 ,India delivered an online Guest lecture on 'Towards Integrating Gender Equality. to all faculty members, M. Pharm and PhD research scholars on March 08, 2022.

Other activities

Other activities like refresher course for registered Pharmacist in association with Gujarat State Pharmacy Council (GSPC), GSPC sponsored National Pharmacy Week Celebration, Continuing Education Program (CEP) etc. are organized to help pharmacist to acquire knowledge of recent trends, updated knowledge on new and banned drugs, drug interactions and side effects.



Institute Advisory Committee

The Institute has constituted an Institute Advisory Committee (IAC) comprising eminent personalities from renowned pharmacy institutes, research organisations, and pharmaceutical companies. Periodically, The IAC reviews the overall progress of the Institute with respect to academic, innovation and research practices which enables in improving qualities on all fronts.

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Chairman & Managing Director, Troikaa Pharmaceuticals Ltd. Commerce House-1, Satya Marg, Bodakdev, Ahmedabad



FACULTY PROFILE



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Director & Professor
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Experience: 25 years

No. of Publications : 78

No. of Patent : 1

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Book published : 03

Chapter in Book: 08

No. of Patent : 3

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Experience: 15.9 years

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Book published : 03

Chapter in Book: 04

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Experience: 19.2

No. of Publications : 40

Chapter in Book: 02

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Experience: 16.9 years

No. of Publications: 54

Book published : 01

Chapter in Book: 04

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Experience: 15.8 years

No. of Publications: 9



Dr. Mohit Shah

Assistant Professor
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Experience: 12 years

No. of Publications: 4

No. of Patent : 3

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Experience: 25 years
No. of Publications : 78
No. of Patent : 1
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Dr. Hardik G. Bhatt

Associate Professor and Head
M.Pharm., Ph. D., MRSC

Experience: 17.6 years
No. of Publications : 45
Book published: 04
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M.Pharm. Ph.D.

Experience: 17 years
No. of Publications : 22
No. of Patent : 1
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Assistant Professor
M.Pharm. Ph.D.

Experience: 15.5 years
No. of Publications: 45
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Assistant Professor
M.Pharm., Ph.D.

Experience: 14.9 years
No. of Publications: 20
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Dr. Udit Chaube

Assistant Professor
M.Pharm., Ph.D.

Experience: 2 years
No. of Publications: 7
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Professor and Head
M. Pharm Ph. D.

Experience: 21.10 years

No. of Publications : 70

Chapter in Book: 02

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Associate Professor
M.Pharm., Ph.D.

Experience: 17.9 years

No. of Publications : 50

Chapter in Book: 01

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Dr. Nrupesh Patel

Assistant Professor
M.Pharm., Ph.D.

Experience: 15.8 years

No. of Publications : 11

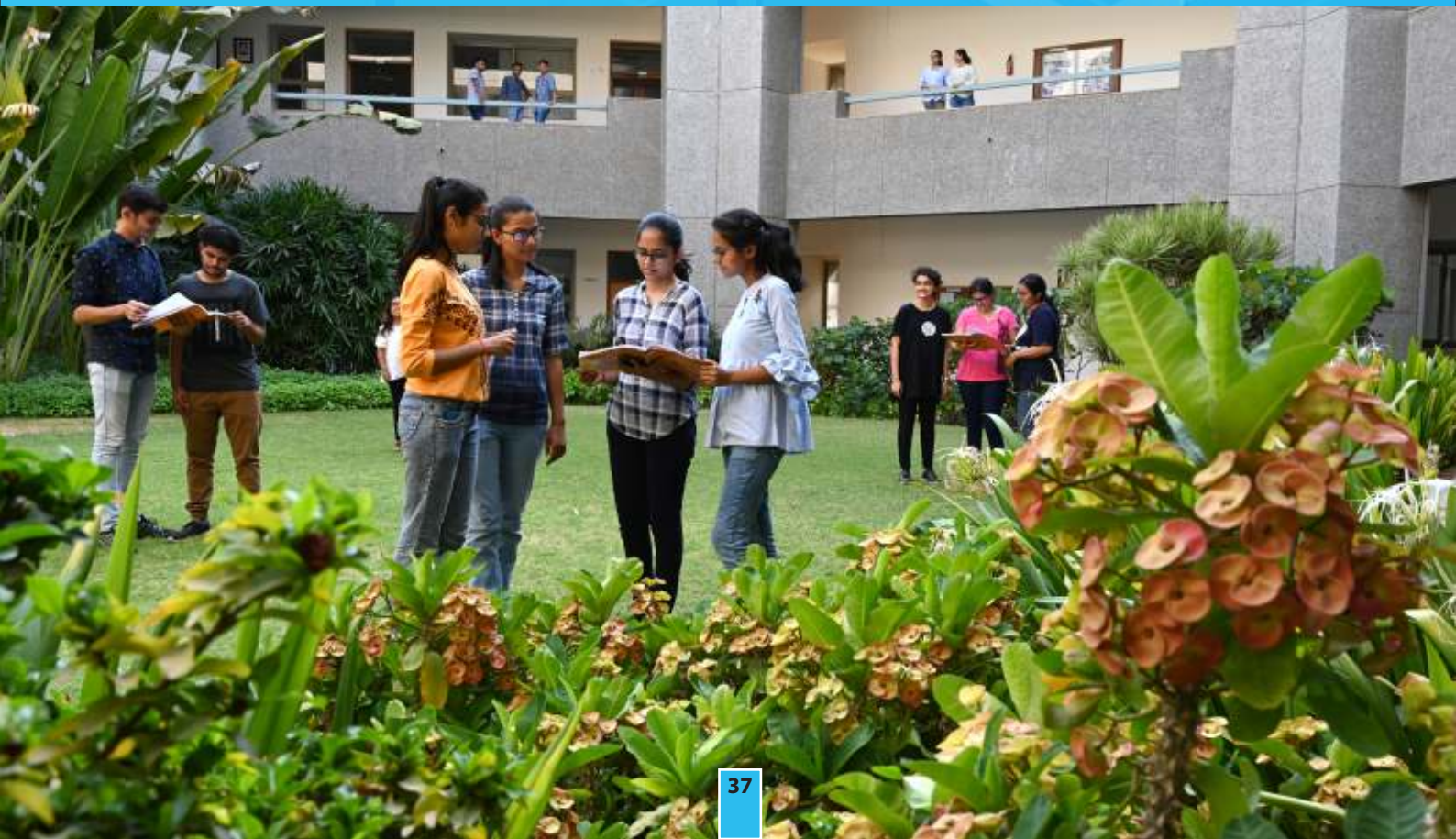
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Ms Shikha Patel

Assistant Professor (ADHOC)
M.Pharm.

Experience: 2.2 years



DEPARTMENT OF PHARMACOLOGY



Prof. Jigna Shah

Professor and Head
M.Pharm., Ph.D.

Experience: 24.10 years

No. of Publications : 49

Chapter in Book: 08

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Dr. Shital Panchal

Assistant Professor
M.Pharm., Ph.D.

Experience: 18.6 years

No. of Publications : 64

Book published: 02

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Dr. Snehal S. Patel

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M.Pharm., Ph.D.

Experience: 20.3 years

No. of Publications : 92

Book published: 02

Chapter in Book: 02

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Dr. Bhoomika M. Patel

Assistant Professor
M.Pharm., Ph.D., DPMM, DPQCQAM

Experience: 16.3 years

No. of Publications : 57

Book published: 05

Chapter in Book: 08

Recognized Ph.D. Guide



Dr. Bhagawati Saxena

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M.Pharm. Ph.D.

Experience: 7.6 years

No. of Publications : 17

Chapter in Book: 04

No. of Patents: 03

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DEPARTMENT OF PHARMACOGNOSY



Dr. Niyati Acharya
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M.Pharm. Ph.D.

Experience: 14.3 years
No. of Publications : 37
Chapter in Book: 03
No. of Patent : 01
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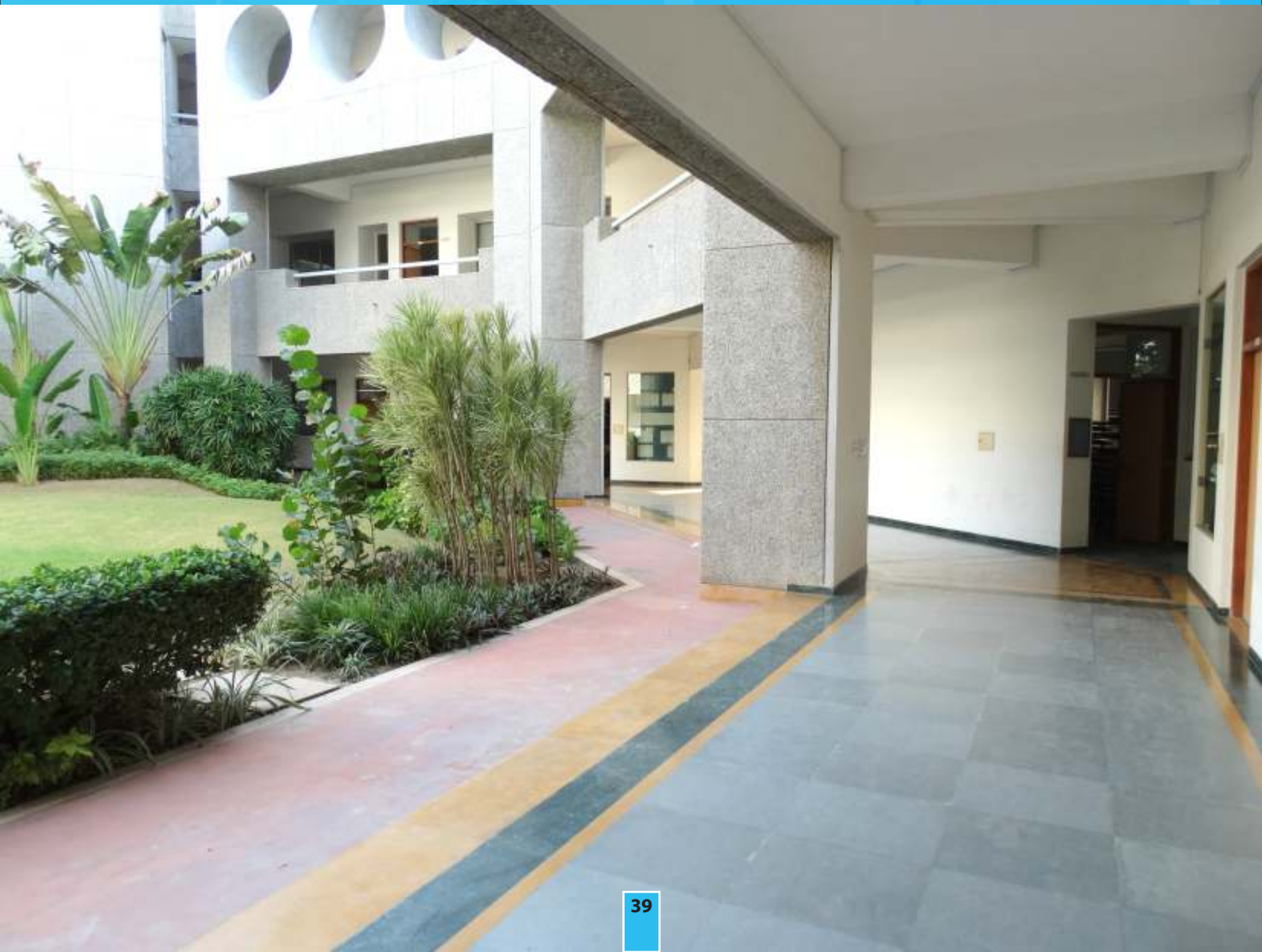
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Experience: 15.2 years
No. of Publications : 06
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No. of Publications : 07





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