



**INSTITUTE OF PHARMACY,
NIRMA UNIVERSITY OF SCIENCE & TECHNOLOGY,**
*Gandhinagar-Sarkhej Highway, Ahmedabad - 382481,
Gujarat – INDIA*

INFORMATION BROCHURE : B.PHARM. HONS. (5 YEAR INTEGRATED PROGRAMME) ADMISSIONS – 2007

About the University:

Nirma University of Science & Technology, Ahmedabad was established in the year 2003 as a statutory university under the Gujarat State Act at the initiative of the Nirma Education & Research Foundation (NERF). It is also recognized by the University Grants Commission (UGC) under Section 2(f) of the UGC Act. It is located in peaceful and sylvan surroundings, about 15 kms from Ahmedabad. A disciplined environment, serene and pleasant, envelopes 100 acre campus. It blends beautifully with the green landscaping, aesthetic elegance of arches and the vibrant pursuit of knowledge by the young aspirants. The environment gives full scope for group activities, which are plenty, as also to individual pursuits for development on preferred tracks.

Nirma University has five faculties i.e. (i) Faculty of Engineering and Technology, (ii) Faculty of Management, (iii) Faculty of Science, (iv) Faculty of Pharmacy and (v) Faculty of Doctoral Studies & Research. The graduate, post-graduate and doctoral level programmes offered by these faculties are rated high by all stakeholders.

Innovation, excellence and quality are the driving forces on the campus which has translated the vision of these institutions into a reality within a short period of time. Today the campus is vibrant with myriad activities like international conventions, symposia, conferences, student competitions, conclaves, short-term industry relevant programme, cultural activities, etc.

The university, recognizing research as the main driver of success in an academic setting 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. As a beginning such collaborations exist with institutions like Physical Research Laboratory, Space Application Centre and B.V. Patel Pharmaceutical Research Centre, Ahmedabad.

About the Institute:

Institute of Pharmacy offers Under-graduate, Post-graduate as well as Ph.D. programmes. It was established in 2003 under the aegis of Nirma University of Science and Technology. The vision is to set up an institute of international repute. The institute is the most preferred one among the students fraternity.

Research Facilities

All the programmes of the institute have well equipped laboratories which not only cater to UG and PG programmes but also provide testing and consultancy. Moreover there are central facilities which include sophisticated instrument laboratory equipped with Supercritical fluid chromatography, HPLC, HPTLC, Fluorescence Spectrometer, SFC, FTIR, Fluorimeter, Microcalorimeter etc. The department has been associated with an academically and professionally active faculty. The faculty at the department is also working for their Ph.D. Research projects.

Some of the major Thrust Areas are :

- Novel & Targeted Drug Delivery Systems
- Formulation & Optimization of dosage form
- Modern Analytical Method Development
- Supramolecular Assemblies
- Nanotechnology, Nanomedicine
- Synthesis of potentially useful novel chemical entities
- Development of eco-friendly methods for synthesis of existing drugs
- Clinical Research
- Epidemiological Studies

The Library at the Institute of Pharmacy houses more than 2800 volumes of books selectively chosen for reading and reference. The collection includes resources relevant to teaching, learning, training, research and consultancy needs of the Institute. About 80 printed national & international periodicals and 148 e-Journals are subscribed, so that the students and faculty keep themselves updated with the trends in Pharmacy. User-friendly library software called Alice For Windows (AfW) has been adopted at the Library Resource Center so as to make it fully automated. There is a well developed medicinal plants garden and sophisticated animal house and micro-biotech laboratory. Other facilities include industrial pharmacy laboratory and computer centre. The institute has a strong Industry Academy Interaction cell and a Continuing Education Cell.

Curriculum

Institute of Pharmacy offers an innovative curriculum befitting the needs of the day. It will be continuously updated to integrate the rapidly occurring advances in the field of pharmaceutical sciences and drug research. The content of course has been carefully considered to ensure that it is relevant and up-to-date and special consideration has been given to the application of knowledge, communication, language and patient care skills, healthcare system organizations, the development of professional identity, critical thinking and lifelong learning.

Why Fifth Year ?

For Student aspiring to go to Foreign Countries :

A pharmacy graduate needs to pass License Exams in order to practice the profession of pharmacy in countries like U.S.A., U.K., Canada, Australia etc. A Foreign pharmacy graduate also needs to obtain documents to meet the educational equivalency of that country. From January 1, 2003, the National Association of Boards of Pharmacy (NABP), USA requires foreign educated pharmacists to have earned their professional pharmacy degree from a five year curriculum programme in order to apply for the Foreign Pharmacy Graduate Examination Committee (FPGEC). B. Pharm. graduates from a four year curriculum are not eligible to appear for FPGEC and thus their B. Pharm. is not equivalent to pharmacy programmes running in the U.S.A.

Looking at the requirements and norms of Licensing Authorities of Foreign countries, a 5 – Year undergraduate programme is thus, a pre-requisite to take up any License Exam to practice pharmacy in foreign countries. Thus, an innovative curriculum befitting the current needs of the profession has been designed. The five year integrated programme of Pharmacy has also been stressed hard by Universities of U.S.A. & U.K. The student entering the programme will have the dual benefit, i.e. after 4 years to be eligible for B. Pharm. degree and after 5 years will be entitled for B. Pharm. Hons. degree. This course will be helpful to students to apply for FPGEC & North American Pharmacist Licensure Examination (NAPLEX).

The Programme consists of various courses that give solid foundation of Pharmaceutical Sciences (Pharmacoeconomics, Pharmaceutical calculations etc.) alongwith internship trainings in a hospital, which are specially designed to meet the requirements of Foreign Licensing Authorities. Further, this curriculum has identified essential competencies in various areas of Pharmaceutical Education for which practical Industrial training & internship will be provided to the students.

For Students aspiring to make a career as Clinical Research Professional:

Clinical Research has emerged as a potential knowledge based Industry of the new millennium with an expected market of US \$ 1.5 billion by 2010. Further, in 2005 with the implementation of product-patent regime, many International Pharmaceutical Companies and Contract Research Organizations (CROs) have set up their own R & D base in India leading to an explosion in the number of clinical trials and job opportunities. Pharmaceutical Industry and CROs, both, need highly trained professionals to manage clinical trials for new drugs.

The B.Pharm. Hons. (5 Year Integrated Programme) will provide pharmacy graduates an in-depth knowledge of conventional pharmacy curriculum with special emphasis on Roles and Responsibilities of Clinical Trial Personnel, Health Sciences Related Skills, Pharmacoeconomics, Drug development and Clinical Trial Process, National and International GCP Guidelines, Management of Clinical Studies, Overview of Regulatory guidelines, along with a vigorous and focused practical experience/training in Clinical Research Settings, which will help them to pursue exciting career opportunities in the field of Clinical Trials Management.

In future, if PCI introduces the 5 years integrated course as Pharm. D. then Nirma University will also make the necessary changes.

Career Avenues After 5 Year Integrated B.Pharm. Programme :

- Eligible for appearing in FPGEC and NAPLEX Examinations of Foreign Countries
- Contract Research Organizations
- Indian and MNCs- Pharma Companies
- Biotechnology Companies
- Academic Institutions and Research Organizations

Intake

The maximum approved intake capacity of B.Pharm. Hons. (5th Year) is 60.

Eligibility and Admission Criteria

Eligibility Criteria for candidates seeking admission in B.Pharm. Hons. (5 year Integrated Programme) (IX and X Semester) programme under Nirma University of Science and Technology is as under:

- I. (a) The students who are admitted in B.Pharm. Hons. (5 Year Integrated Programme) and who have opted for 5 year Integrated Programme, i.e. Semester IX and X under Nirma University of Science and Technology and who have passed successfully the 4 years of B.Pharm. Hons. (5 year Integrated Programme).
- (b) Students who have completed successfully 4-year B.Pharm. Programme or equivalent from any recognized university.

II. Determination of merits of the admission:

The merit will be decided on the basis of Entrance Test.

The Entrance Test will not be required for the students passed from Institute of Pharmacy, Nirma University of Science & Technology and the students who would apply from abroad.

If the applicant has passed qualifying examination from any University other than Nirma University, he/she will be required to obtain Eligibility Certificate from Nirma University of Science & Technology. The arrangement for obtaining the same will be made on the spot on payment of Rs. 300/-.

Selection Procedure

The admissions will be given on the basis of combined merit of Entrance Test and B.Pharm. Score in the following manner :

60 % weightage of Entrance Test + 40 % weightage of B.Pharm. Score

The Entrance Test will be based on the syllabus of B.Pharm. course as prescribed by AICTE. The Entrance Test comprises of 100 Multiple Choice Questions which will be of 1 mark each and the test duration will be 1 & ½ hours. The Entrance Test will be held on 20th July, 2007 at 10.00 a.m. at the Institute of Pharmacy, Nirma University of Science & Technology, Ahmedabad.

Important Dates

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| • Last Date of receiving the application form | July 10, 2007 |
| • Entrance Test | July 20, 2007 |
| • Publication of Merit List on Website | July 24, 2007 |
| • Counselling & Last Date for payment of fees | July 30, 2007 |
| • Commencement of Semester | August 2, 2007 |

Important Note

1. No separate intimation will be conveyed for the test. All qualified eligible candidates **who have applied for admission are required to remain present on 20th July, 2007 at Institute of Pharmacy, Nirma University Campus.**
2. The candidate awaiting result of final year (B.Pharm. 4th Year) may also apply but at the time of finalization of admission, it shall be mandatory for the candidate to submit document of clearing the final examination as required in eligibility criteria.
3. **Appearing in the Entrance Test does not guarantee the admission.**
4. In case of any dispute / doubt in the interpretation of any clause, the decision of admission committee shall be final and binding.

Tuition and Other Fees

For all Programmes	Tuition fees (Per Annum) (Rs.)
	65,000/-

Other Charges/Deposits :

University Enrolment Fee	-	Rs. 250/-
Mid-Term Exam Fee	-	Rs. 50/-
Semester End Exam Fee	-	Rs. 300/-
University Semester Grade Report	-	Rs. 100/-
Registration/Orientation Kit etc.	-	Rs. 500/-
Thalesemia Test	-	Rs. 100/-
Caution Money Deposit	-	Rs. 350/-
Library Deposit	-	Rs. 1000/-

Hostel facility is available for female students only.

Notes:

1. Tuition Fee is to be paid in two installments (semester wise).
2. **Applicant will be required to pay Rs. 5000/- as a deposit on the day on which the admission is offered. This deposit will be adjusted against payment of fees.**

The prescribed application form alongwith relevant information can be obtained from the institute in person on payment of Rs.500/- in cash or by Demand Draft. The application form can also be downloaded from our website www.nirmauni.ac.in The downloaded form from website should be accompanied by a DD drawn in favour of "Institute of Pharmacy, Nirma University" payable at Ahmedabad. The duly filled in form alongwith all testimonials should be submitted latest by July 10,2007 to:

The Member Secretary (UG-FIFTH YEAR ADMISSION)

Institute of Pharmacy
Nirma University of Science and Technology,
Sarkhej-Gandhinagar Highway, Ahmedabad – 382 481.
Ph.: (02717)-241900-04 Fax : (02717)-241916
Email : fifthyr_pharm.ip@nirmauni.ac.in

Contacts :

For detailed information about the programmes, please contact UG – Fifth Year Coordinator at the email addresses mentioned below:

jp_ap.ip@nirmauni.ac.in