

Second Convocation



NIPER - Hyderabad has conducted 2nd Convocation on 11th July, 2012 for 2009 - 11 and 2010 - 12 batches. Dr VM Katoch, DG, ICMR was the Guest-in-Chief.

Mentor Institute

CSIR - Indian Institute of Chemical Technology (IICT), Hyderabad

IICT provides an exciting range of scientific capabilities, which are of multi-disciplinary and unique in nature. Broadly, the groups are Chemistry, Biology, Pharmaceuticals, Biotechnology, Engineering and Information Technology. IICT provides a strong combination of problem solving tools in unraveling intricacies of chemical entities. The current R&D programme of IICT includes discovery of new drugs. IICT is focusing on other interdisciplinary areas like supra molecular chemistry, peptidomimetics, novel drug delivery systems, nano-technologies, fluoro organic synthesis and molecular modeling & drug design. The research team of IICT translates innovative processes into commercial technologies. IICT acquired state-of-art equipment for various disciplines and related infrastructure facilities. IICT has a proven record in drugs and pharmaceuticals, agro chemicals, lipids, bulk organic intermediates, downstream processes, surface coatings, gas based technologies and allied fields. The analytical services of IICT are accredited by TUV, Germany for ISO-9001. IICT is looking forward to act as the major player in global scenario.



HYDERABAD

NIPER HYDERABAD

Pathway for Excellence in Pharmaceutical Education & Research



राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

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MESSAGE FROM
PROJECT DIRECTOR

The vision of this institute is to be a vital source of excellence in achieving targets relating to human resource development, education & research in the field of pharmaceutical sciences and allied fields and to be a strong platform for collaborative support to the pharmaceutical industry. We are steadily progressing on this path as reflected from the number of students that have joined the pharma industries and pursuing research activity abroad as well at the national institutes in the country.

NIPER HYDERABAD

National Institute of Pharmaceutical Education and Research (NIPER) is an autonomous body and established under the aegis of Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers as a centre of excellence for higher education, research and development in pharmaceutical sciences. The institute has been declared as an "Institute of National Importance" by Government of India through an Act of Parliament. In pursuance of the decision of the Government of India, NIPER Hyderabad started functioning in September 2007, in the premises of IDPL R&D campus, Balanagar, Hyderabad. Indian Institute of Chemical Technology (IICT), a premier research institute, is the Mentor Institute for NIPER, Hyderabad.

MESSAGE FROM
THE DIRECTOR, IICT

The institute is in the process of getting established by providing the necessary infrastructure for its growth particularly to take up the research activities in advanced areas of pharmaceutical sciences as it initiated doctoral programmes. IICT as its mentor institute is offering its full support in the growth and development of this institute more precisely in the advanced practical training, research project works of the students through its scientific faculty. IICT is also supporting the NIPER for conducting various workshops and seminars in drug discovery.

NIPER-Hyderabad is being developed as a National Centre to cater the needs of pharmaceutical academia and the industry. Very soon, it is likely to become the Centre of Excellence for Advanced Studies and Research in Pharmaceutical Sciences. This institute will play an important role in the Human Resource Development for the ever growing Indian Pharmaceutical industry, which has been in the forefront of India's science based industries with wide ranging capabilities in the field of drug manufacture.

CITY OF HYDERABAD

Hyderabad, the pearl city of India and the capital of Andhra Pradesh province, along with its twin city Secunderabad has over 400 years of history. Hyderabad, the fifth largest city in India with a population of over 6 million, is a jewel of Deccan region and possesses a heady mixture of heritage, traditional hospitality and a thriving software revolution. It has a mixed culture with a cluster of beautiful, ancient palaces and monuments of historical importance. Hyderabad with its rich cultural backdrop, is famous world over for its fabulous diamond markets, pearls, glass embedded bangles and the delectable Hyderabadi cuisine. The city has a new international airport and there are several tourist attractions in and around Hyderabad (Charminar, Golconda Fort, Salajjung Museum, Largest Monolithic Buddha Statue in the middle of famous Hussain Sagar Lake and Ramoji Film City). It has also emerged as India's Silicon Valley and Pharmaceutical hub and most preferred destination for new business. Hyderabad is known as a pharmaceutical capital of India. With projects like Genome Valley, Andhra Pradesh has clearly put itself ahead in the race to become the bio-pharmaceutical capital of India.



Charminar



HITECH City



Buddha Statue in Hussain Sagar

Library & Information Centre



The library has a large collection of books and subscribes to many journals of the concerned subjects. It is also equipped with modern gadgets for literature collection. Access to 'Reaxys database' is available. Students & Faculty have access to Mentor Institute (IICT) library facilities.



Computational Sciences Facility

Computer centre serves the needs of faculty, staff and students in updating the literature and communication. In this institute, we are maintaining LAN/WAN infrastructure consisting of about 125 desktops and 6 Servers (Web, Mail, Proxy, FTP etc) with Windows and Linux enterprise environments. Various molecular modelling software are also available for CADD applications.



Animal Quarantine Facility

Equipped with all the modern requirements and is registered with CPCSEA. It has a good laboratory standard upkeep.

Hostel

The institute has a hostel facility, at a short distance from the campus with facility of institute's transport for pick up and return. Accommodation for girl students provided. City potable drinking water supply is available in hostel. A mess is available for food, at reasonable cost. Recreation facilities like TV rooms, Volley Ball, Shuttle, Table Tennis are available.





WHY TO CHOOSE NIPER – Hyderabad?

INFRASTRUCTURE

The institute has its campus of 150 acre area in Balanagar, Hyderabad. The campus, with its greenery frontage and spacious buildings, provides an environment which is very conducive to a bright educational pursuit.

Research Laboratories



Vision

To serve as a leading global institution in the field of higher learning and research in Pharmaceutical Sciences.

Mission

To strive towards excellence in the field of higher education and research in Pharmaceutical Sciences and to be one of the principal sources of professional manpower in the field, for strengthening the Indian Pharma industry in getting quality products at affordable prices.

Objectives

- Enhancement of creativity & motivation and inculcation of professionalism
- To bring synergy between academic, R & D, technology and industry through training and exposure for such environment
- Bringing collaboration between Pharmacy, Biotechnology, Information Technology and prepare for meeting the global challenges
- Create a world class institute of teaching and research in the field of pharmaceutical sciences
- Develop and practice e-learning for the professionals and training for teachers, researchers & regulators in the respective field
- Expose the students and scholars to research areas such as Drug Design & Discovery, Bioinformatics, Molecular Modeling, Molecular Biology, Pharmacogenomics, Toxicogenomics, RNAi & DNA Technology, Herbal Medicine and Bulk Drugs etc.,

Salient Features

- State-of-Art Research Laboratories for Drug Discovery, Development & Formulations
- Innovative Research on Emerging areas of Pharma and Life Sciences
- Proven Record of Research Publications, Awards and Honours
- Qualified & Experienced Faculty to Create Future Pharma Professionals
- Offer Masters and PhD Programmes
- Academic Excellence with latest Teaching and Research Methodologies
- Industry Academic Interactions and Research Collaborations
- Good Placements for Students in various Bio and Pharma Industry
- Creation of Knowledge Sharing Platforms in the form of International / National Conferences, Symposia, Workshops



Knowledge Corridor

Courses Offered

Ph.D. Programme

- Medicinal Chemistry
- Pharmaceutical Analysis
- Pharmacology & Toxicology
- Pharmaceuticals

M.S (Pharm) Prograamme

- Medicinal Chemistry
- Pharmaceutical Analysis
- Pharmacology & Toxicology
- Pharmaceuticals
- Regulatory Toxicology

MBA (Pharm): Pharmaceutical Management

M.Tech. (Pharm): Pharmaceutical Technology (Process Chemistry)

A recent diversified expansion of our institute is the Department of Pharmaceutical Management, which has been added to existing programmes with a view to provide a specialized, high quality education as preparation for professional positions in pharmaceutical business and industry.

The objective of this course is to teach pharmaceutical management to the graduates of Pharmaceutical Sciences to become the successful managers in pharmaceutical industry by applying the fundamentals of management; to improve the quality, talent and skills of individuals to help them lead their lives as successful pharmaceutical management professionals; to explore the frontiers of knowledge from the industry through independent research, as well as in collaboration with other entities in pharmaceutical business.

Course Structure & Entry Requirements

The postgraduate programme in each discipline is designed in four semesters.

For M.S (Pharm) & M.Tech (Pharm) wherein the first two semesters are of theory, Practical and the other two semesters are of Dissertation work.

For MBA (Pharm), four semesters include summer training & project works.

NIPER conducts a Joint Entrance Examination (NIPER – JEE) to assess the suitability of selected applicants for admission into Postgraduate & PhD courses each academic year. For more details please visit www.niperhyd.ac.in; www.niper.ac.in

Core Research Areas

- Development of Affordable Medicines
- Drug Discovery Programmes
- Drug Development & Formulations
- Product Development for Neglected, Tropical & Life style Diseases
- Drug Delivery Systems
- Nanotechnologies
- Biotechnologies
- Analytical Research & Development
- Biosimilars/BioGenerics
- Drug Metabolism and Pharmacokinetics
- Novel Targets and Therapeutics (Cancer, Metabolic Disorders, Inflammation, COPD, Asthma, Infectious Diseases, Neurodegenerative Disorders, Genetic Disorders etc)

Opportunities

Study at NIPER, Hyderabad enriches the prospect of the students, by virtue of the rich industrial and research exposure they receive, from the large chain of industrial research establishments, in the form of guidance from the Guest Faculty and doing project work in those establishments.

Placements

The placement cell of NIPER-Hyderabad undertakes counseling, training and value addition for facilitating the students to obtain suitable jobs.

The following are the facilities to aid the process

- Auditorium to conduct pre-placement talks and written tests
- Well furnished air conditioned conference rooms & seminar halls to conduct interviews and group discussions

Every year new companies, which are front runners in their respective field visit the campus for recruiting our students. The average salary level has been constantly increasing, which reflects the effort of the Placement Cell. Noted industries including Novartis, Mylan, DE Shaw, Daiichi Sankyo, DMV, USP, Emergo, Perkin Elmer, Biocon, Pharmexcil, AMRI, Indegene, SAPL, Orchid, Perrigo, Torrent, GVK Bioscience, Jubilant, Suven etc came forward to visit the institute and selected students for employment.

Industry Collaborations

National Institute of Pharmaceutical Education and Research (NIPER) is collaborated with the Indian Institute of Biotechnology (IIBT) and United States Pharmacopoeia Pvt. Ltd. India (USP) to conduct “Biotech Industry Orientation Programme ” at NIPER-Hyderabad campus to provide advanced training for students and new recruits in the industry to have a better understanding of the intricacies of bio-pharma industry including characterization of bio-molecules. NIPER has conducted a unique workshop on Drug Discovery (D₄PS) in module wise, in association with Novartis Hyderabad. It conducts regularly Computer Aided Drug Design workshops with Molecular Modeling Software companies such as Vlife MDS and Schrodinger Inc.

Knowledge Sharing Platform: Conferences / Symposia / Workshops

NIPER-Hyderabad conducts conferences/workshops at regular intervals which allow students to get the exposure of advanced research topics and becomes a platform for interacting with experts in the field of Pharmaceutical Sciences.

- Export Business Opportunities for Pharma Products in Africa 6th May 2013
- Bioinformatics@BioAsia : 9th Feb, 2012
- AAPs - 2nd PharmSci@India : 3rd & 4th Sept, 2011
- Computer Aided Drug Design and Discovery (CAD3) : 15th - 17th Apr, 2011
- MEDCHEM Congress : 25th Feb, 2011
- Drug Discovery (D4PS) Module I-III : Oct - Nov, 2010

Conference Facility

The institute has a fully equipped auditorium, with modern facilities, for conducting seminars, conferences etc. The lecture halls are quite spacious, well ventilated and are comfortable with decent furniture, projection system and other facilities.

