

Nirma University

Nirma University was established by the initiative of the NIRMA EDUCATION AND RESEARCH FOUNDATION (NERF). The University was established in the year 2003 as a statutory university under a special act passed by the Gujarat State Legislative Assembly. It is recognized by the University Grants Commission (UGC) under Section 2(f) of the UGC Act. The University is duly accredited by National Assessment and Accreditation Council (NAAC) with "A" Grade. The University is a member of Association of Indian Universities (AIU) and the Association of Commonwealth Universities (ACU).

Functioning under the aegis of NERF, the University consists of Institute of Technology, Institute of Management, Institute of Pharmacy, Institute of Law, Institute of Science, Institute of Architecture and Planning, Institute of Commerce, Department of Design.

The University is identified with cutting edge research, robust academic programmes, quality teaching learning process and over-all personality development interventions of its students. The 110 acres sprawling state of art campus provides refreshing environment and stimulates intellectual growth and creativity.

About Institute of Pharmacy

Institute of Pharmacy is a constituent Nirma University. The future pharmacists will be required to function, communicate and work effectively in multidisciplinary teams. Institute of Pharmacy was established with a view to promote excellence in Pharmaceutical education and to prepare new generation to meet the challenges in the area of pharmaceutical industries, education, research and development as well as marketing. Institute has been ranked 21 in India Ranking 2019 by Ministry of Human Resource Development, (MHRD), Government of India in its National Institutional Ranking Framework (NIRF).

Institute of Pharmacy is poised to face global challenges of the pharmaceutical industry and education with the changed perspectives. It has modern, well-designed and very well equipped laboratories in addition to the spacious & ICT enabled classrooms and seminar hall.

Research is facilitated by laboratories housing advanced instruments like Automated Dissolution apparatus, Texture analyzer, Spray dryer, Freeze dryer, Melt Extrusion & Spheronizer, Multiple Diffusion Assembly, MPLC, Microwave synthesizer, Fourier Transform Infra-Red (FTIR), UV-Near IR Spectrophotometer, HPLC with PDA detector, HPTLC, Raman Spectrophotometer, Super-critical fluid extraction chromatogram; to name a few; as well as, iWORX, Systat, and SPSS. The institute also boasts of a state of the art Animal House & a large Medicinal Plant Garden with over 170 species of rare & useful plants. The Director, Institute of Pharmacy, received Rs. 5500000 under Fund for Improvement of Science and Technology Infrastructure (FIST) for the year 2014-19 from Department of Science and Technology, Government of India.

About Centre For Continuing Education

Nirma University has established a Centre For Continuing Education with the following objectives:

- To provide Need based Continuing Education, Knowledge, Training etc. in various fields to all stakeholders.
- To assist working professionals in the industry in widening their knowledge base and in improving their skills.
- To arrange Workshops, Lectures, Seminars, Services, on requests.
- To identify employment potential areas and to conduct competency based skilled development programme.
- To conduct Vocational Training to meet the specific needs of industrial businesses.
- To conduct short duration and long duration programmes in Management, Engineering and Technology, Pharmacy, Science, Law and Architecture.
- To conduct Training Programme for Competitive Examinations.
- To coordinate the continuing education programme offered by various Institutes at the University level.



Workshop
on
Computer Aided Drug Design Software
Supported by
Schrödinger India
21st January 2020

Programme Coordinators

Dr. Vivek K. Vyas and Dr. Bhumika Patel
Department of Pharmaceutical Chemistry



Conducted By

Department of Pharmaceutical Chemistry
Institute of Pharmacy, Nirma University

Organised By

Centre for Continuing Education, Nirma
University

Website: www.nirmauni.ac.in

Tel: 079-71652000

Fax: 02717-241917

OBJECTIVE OF THE PROGRAM

The processes used by academic and industrial scientists to discover new drugs has recently experienced a true renaissance with many new and exciting computer aided techniques being developed in the past 5-10 years. Medicinal chemistry has benefited tremendously from the technological advances in the field of molecular modeling. Structure-based drug design has been shown to be an invaluable technology for medicinal chemistry and drug discovery applications since it often dramatically reduces the overall cost of drug discovery. Many advances including crystallography and informatics are behind these successes. Of great importance is also the impact these advances in structure-based drug design are likely to have on the economics of drug discovery.

OUTLINE OF CONTENTS

The aim of the workshop is to disseminate knowledge about this immensely useful discipline, which accelerates the design of new leads for the life threatening diseases like Cancer, AIDs, Tuberculosis, Malaria etc. The workshop introduces technology through the lectures delivered by experts The Workshop will also include demonstration on Schrödinger software for drug design. Attending the workshop will be of great help to budding scientists from various fields as it covers how to use different software of drug design.

RESOURCE PERSONS

Hands on software will be provided by expert from Schrödinger software members and Faculty members of Department of Pharmaceutical Chemistry, Institute of Pharmacy, Nirma University.

IMPORTANT DATES

Receipt of Application : 13/01/2020
Confirmation of Selection : 15/01/2020
By Email/Website

FOR WHOM

Interested faculty members from Pharmacy colleges, Life Science institutes, and other academic Institutes. Ph.D. Scholars / PG / Degree / students can fill up the attached application form and return it to the Coordinators.

HOW TO APPLY

The applicants are required to send completely filled in application form (photocopy may also be used) along with the registration fees so as to reach the coordinator on or before 13/01/2020

COURSE REGISTRATION FEES

Fees	Types of Participants
Rs. 400	Internal Students
Rs. 500	External students
Rs. 700	External Faculty Members

Lunch and course materials will be provided to all the participants. All other expenses are to be borne by the participants. Registration charges are non-refundable. Participants are required to make their own arrangements for lodging, boarding and travelling. However, on request, the arrangement for accommodation can be made on chargeable basis.

Fees can be paid by Cash/Demand Draft/Local Cheque. Demand Draft / Cheque should be drawn in favor of “**Centre for Continuing Education, Nirma University**” payable at Ahmedabad

For further details, contact:

Dr. Vivek Vyas

Contact No.: 962931060 (M), 079-1652719 (O)

Email: vivekvyas@nirmauni.ac.in

Dr. Bhumika D. Patel

Contact No.: 9662058019 (M), 079-1652725(O)

Email: bhumika.patel@nirmauni.ac.in

Web site: www.nirmauni.ac.in

Nirma University Centre for Continuing Education NAAC ACCREDITED ‘A’ GRADE APPLICATION FORM

Workshop on Computer Aided Drug Design Software Supported by Schrödinger India 21st January 2020

1. Name Mr./Ms.....
2. Age years
3. Edu. Qualification.....
4. Designation
5. Organization
6. Internal/External.....
7. If Internal Student Specify Roll No
.....
8. Address
.....
.....
Phone..... Fax.....
Email.....
9. Experience (years) in relevant area
Academic:.....
Industry:.....
10. Demand Draft No..... Dated.....
Bank:-

Date : Signature of Participant
Place :

Certified that the above applicant is employed in our organization and the information stated by him/her is verified and found correct. We therefore, sponsor him/her to attend the short term training organized at your institute

Signature of Sponsoring
Authority with Seal