

## **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, Institute of Design, Institute of International studies.

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 115 acres sprawling state of art campus provides refreshing environment and stimulates intellectual growth and creativity.

### **About Institute of Pharmacy**

Institute of Pharmacy was established in the year 2003 under Nirma University with the aim of developing competent professionals in the field of pharmaceutical sciences.

In a short span of time, it has become one of the leading institutions in the country, offering pharmaceutical education at the undergraduate, postgraduate, doctoral and postdoctoral level. The Institute has shown its presence at the national level by being ranked 37<sup>th</sup> in National Institutional Ranking Framework (NIRF) by the Ministry of Human Resource and Development (MHRD), Government of India in the year 2023. The institute has received 1st rank with 5-star rating by Gujarat State Institute Ranking Framework in 2023.

The Institute has received grants of more than Rs 100 million from various government agencies, such as BRNS, RSSDI, DST, DBT, ICMR, SAC-ISRO,

AYUSH, GSBTM and GUJCOST for research and development. The DST-FIST grant of Rs 50 million, for the purposes of infrastructure development was awarded to the Institute.

The Institute houses state-of-the-art instruments, like lipid extruder, HPS, E-Spin, cascade impactor, supercritical fluid extractor and chromatogram, HPTLC, DSC, HPLC, MPLC, GC, fluorescence Spectrometer, Raman Spectrometer, UV Spectrophotometer, FTIR, ELISA, PCR, Texture analyser, HPH, PSA, Microwave synthesizer, Fluorescent microscope and Stereotaxic apparatus with Microdialysis as well as softwares like Gold Suit, eCTD, Design expert, etc.

### **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.



**SNDD 2024**

*One day*

*Seminar on Nano Drug Delivery*

**Date : 17<sup>th</sup> February, 2024 (Saturday)**

*Programme Coordinators*

*Prof. Tejal Mehta, Head – Dept. of Pharmaceutics,*

*Dr. Hardik Bhatt, Head - CAI*

*Dr. Jigar Shah, Asst Professor*

*Institute of Pharmacy*



**Conducted By**

*Department of Pharmaceutics,  
Institute of Pharmacy,  
Nirma University*

**Organised By**

*Centre for Continuing Education  
Nirma University*

**Address for Correspondence:**

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A Block, Nirma University  
Sarkhej-Gandhinagar Highway  
Near Chharodi, Ahmedabad 382 481, Gujarat  
Phone: 02717 241911-15, 07971652715  
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### **About Centre for advanced Instrumentation**

Nirma University is one of the leading University in Gujarat and also in India using innovations in Teaching Learning tools as well as establishing itself as important centre for Research. University is giving focused attention to promote research in diversified fields. To enhance and to strengthen research activities, it is necessary to have state of the art infrastructure and sophisticated analytical instrumentation facility which plays important role in interdisciplinary research activities. Centre for Advanced Instrumentation facility has high-end instruments like HPLC, GC, SFC, HPTLC, UV-Vis, FTIR, HPH, PSA, DSC, Lyophiliser, AAS, TOC, Spectrofluorimeter, qPCR, Fluorescence Microscope and Flow cytometer. These instruments provide 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. The facility will help them to carry out cutting edge interdisciplinary research of national and international importance. 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, centre offers its services to external researcher working in academia, research centres and industries. This central facility will enhance the research activities and outcomes of University.

### **SNDD 2024 - Organizing Committee**

Dr. Mayur Patel      Dr. Shital Butani  
Dr. Dhaivat Parikh      Dr. Mohit Shah  
Dr. Shruti Rawal      Dr. Anshu Srivastava

### **PhD scholar task force**

Vivek Mewada, Preksha Vinchhi, Nikita Gupta, Dhruvi Solanki, Anam Sami, Mitali Paryani, Dhvani Padhiyar, Lajja Patel, Shailvi Shah, Shreyansh Chauhan, Jai, Mohit Ghataliya, Charmi Dudhat

### **Objectives of the Program**

Nanotechnology is gaining consideration in treatment and diagnosis of various diseases day by day. Nanotechnology enables scientists to work at subatomic and molecular scale. One of the most active research areas of nanotechnology is nano drug delivery, which applies nanotechnology to highly specific medical interventions for the prevention, diagnosis and treatment of diseases. However, bringing the particles at nano level to get the desired physical, optical and electronic features is still a great challenge along with to solve the stability issues. The objective of this seminar cum workshop is to provide theoretical as well as practical concepts of particle size engineering, methodology and applications of equipment for formulation development of various nano-drug delivery systems.

### **Program content**

- Preparation of Nano formulations.
- Evaluation of Nano-Formulation
- Challenges, Opportunities & future trends
- Applications in therapy and diagnosis
- Demonstration of equipments for Nano formulation development.

### **FOR WHOM**

Interested UG/PG/Ph.D. students, faculty members and industry personnel can fill up the attached application form and submit it to the coordinators.

### **HOW TO APPLY**

The applicants are required to do online payment of Registration Fees to the following bank account and fill the Online Registration Form on or before 5<sup>th</sup> February, 2024. Link of the Registration Form is as follows:

[Registration SNDDS 2024](https://forms.gle/8LFMYWRZwrekXr489)

OR

<https://forms.gle/8LFMYWRZwrekXr489>

### **COURSE REGISTRATION FEES**

Fees	Types of Participants
Rs. 300	Internal participants
Rs. 400	External Participants from Academia
Rs. 500	External Participants from Industry

\*Including Service Tax.

Tea 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.

### **Bank Details for Registration fees payment**

Account Name: Centre For Continuing Education

Bank Account Number: 09720180200

Bank Name: The Kalupur Commercial Co -  
Operative Bank Ltd.

Branch Name and Address:

Nirma University  
Sarkhej Gandhinagar Highway,  
Ahemdabad-382481

IFSC Code: KCCB0NRM097

MICR code: 380126029

### **For further details, contact:**

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