

## **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 37th 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 The Institute houses state-of-the-art instruments, like supercritical fluid extractor and chromatogram, HPTLC, DSC, HPLC, MPLC, GC, Fluorescence Spectrometer, Raman Spectrometer, UV Spectrophotometer, FTIR, Fluorescent microscope and Stereotaxic apparatus with Microdialysis.

## **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 Analytical Instruments**

**19<sup>th</sup> March 2024**

### **Programme Coordinator**

*Prof. Priti Mehta, Head, Department of Pharmaceutical Analysis, Institute of Pharmacy, Nirma University*

*Dr. Hardik Bhatt, Head, Centre for Advanced Instrumentation, Nirma University*

*Dr. Nrupesh Patel, Department of Pharmaceutical Analysis, Institute of Pharmacy, Nirma University*



### **Conducted By**

Department of Pharmaceutical Analysis, Institute of Pharmacy, Nirma University & Centre for Advanced Instrumentation, Nirma University

### **Organised By**

Centre for Continuing Education  
Nirma University

#### **Address for Correspondence:**

Coordinator – Centre for  
Continuing Education A Block,  
Nirma University  
Sarkhej-Gandhinagar  
Highway Near Chharodi,  
Ahmedabad 382 481, Gujarat  
Phone: 02717 241911-15, 07971652715  
Fax: 02717 241917

### **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.

### **Workshop Organizing Committee**

Dr. Charmy Kothari     Dr. Misari Patel  
Mr. Rohit Patel        Ms. Hiral Patel

### **Ph.D Scholar & M.Pharm Student Task Force**

Ms. Krishna Bhalodi     Ms. Raveena Udhani  
Ms. Manali Patel        Ms. Anvi Nikhil  
Ms. Tanvi Patel         Mr. Achal Gandhi  
Mr. Cyrus Herma        Mr. Vihar Khandhara

### **Objectives of the Program**

This Training Programme is intended to provide basic understanding, operation and hands on training of sophisticated analytical instruments like High Performance Liquid Chromatograph (HPLC), Gas Chromatograph (GC), High Performance Thin Layer Chromatograph (HPTLC), Fourier Transform Infrared Spectrometer and UV-Visible Spectrophotometer. These instruments are widely used in various industries for analysis of drug products. This training programme can give added advantage to the learner in the cutting- edge competition in industries and can help them understanding the role of sophisticated analytical instruments in analytical chemistry.

### **For Whom**

Under-Graduate, Post-Graduate, Ph.D. students and faculties from Pharmacy, Life Science and other academic institutes.

### **Course Registration Fees**

<b>Fees</b>	<b>Types of Participants</b>
Rs. 450	Students/ Faculties from Nirma University
Rs. 500*	Students from other Institute / University
Rs. 600*	Faculty from other Institute / University

\*Including Service Tax.

Tea, 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.

### **For Further Details Contact:**

**Dr. Nrupesh Patel**

Contact No.: 079-71652725 (O)

Email: [nrupesh.patel@nirmauni.ac.in](mailto:nrupesh.patel@nirmauni.ac.in)

**Dr. Hardik Bhatt**

Contact No.: 079-71652727 (O)

Email: [hardikbhatt23@nirmauni.ac.in](mailto:hardikbhatt23@nirmauni.ac.in)

**Dr. Priti Mehta**

Contact No.: 079-71652724 (O)

Email: [drpritimehta@nirmauni.ac.in](mailto:drpritimehta@nirmauni.ac.in)

Website: <http://pharmacy.nirmauni.ac.in>

### **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 12<sup>th</sup> March, 2024**. Link of the Registration Form is as follows:

<https://forms.gle/3BpTRp3YFhn9UUVLv6>

**The programme is limited to 30 participants on first come first serve basis.**

**Note:** Registration form filled without Payment of Registration Fee / Incomplete Form / False Information in the Form will not be considered and they will be disqualified. Registration Fee will not be refunded in any circumstances.

### **Bank Details for Registration Fees Payment**

**Account Name:** Centre for Continuing Education

**Bank Account Number:** 09720180200

**Bank Name:** The Kalapur Commercial Co -  
Operative Bank Ltd.

**Branch and Address:**

Nirma University Branch,  
Sarkhej Gandhinagar Highway,  
Ahmedabad- 382481

**IFSC Code:** KCCB0NRM097

**MICR Code:** 380126029