

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 Faculty of Technology and Engineering, Faculty of Management, Faculty of Pharmacy, Faculty of Law, Faculty of Science, Faculty of Architecture and Faculty of Doctoral Studies and Research.

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 was established in the year 2003 under Nirma University with the aim of developing able 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, the doctoral and postdoctoral level. Institute has been ranked 17 in India Ranking 2020 by Ministry of Human Resource Development, (MHRD), Government of India in its National Institutional Ranking Framework (NIRF). Institute of Pharmacy is ranked FIRST in GSIRF-2020 rankings by Govt. of Gujarat and the only Pharmacy institute in Gujarat with CGPI 4.5 from 5. The Institute offers B. Pharm, M. Pharm, Full time and External Ph. D and postdoctoral programme. The B. Pharm programme is accredited by National Board of Accreditation for three years (2019-2022). To achieve the same objectives, vision and mission of the institute were also defined in line with the University's vision and mission. The

Institute has also defined its programme educational objectives and programme outcomes. The Institute has more than 9.0 crore rupees grant from government agencies and has collaboration with various research centers, industries and institutes in India and abroad.

The Institute houses state-of-the-art instruments, like Supercritical Fluid Extractor and Chromatogram, HPTLC, HPLC, MPLC, GC, Fluorescence Spectrometer, Raman Spectrometer, UV-VIS-NIR Spectrophotometer, FTIR, DSC, ELISA, PCR, Electrophoresis, Texture Analyser, Automated Dissolution Apparatus, Extruder-Spheronizer, Multiple Diffusion Assembly, High Pressure Homogenizer, Particle Size Analyser, Microwave Synthesizer, Stereotaxic apparatus with Micro dialysis, etc. The Institute has a two-storied animal house facility registered with the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), Government of India. Besides, there is also a medicinal plant garden "Nirma Herbal Wealth", having an area of 3356.5 sq m with around 150 genera and 500 plants.

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, and 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.



One day Workshop on "Basic Cell Culture Techniques"

19/03/2022 (Saturday)

Program coordinators

Dr. Jigna Shah, Head of Department
Dr. Snehal Patel, Associate Professor
Department of Pharmacology



Conducted By

Department of Pharmacology
Institute of Pharmacy,
Nirma University

Organized 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, 07930642314
Fax : 02717 241917

OBJECTIVE OF THE PROGRAM

This is a basic workshop intended for beginners who wish to work on animal/human cell culture. It will be supported by lectures and demonstrations on cell culture and their application to pharmacological and biological research.

OUTLINE OF CONTENTS

This workshop will cover the following topics:

- *Overview of cell culture laboratory, equipment, and applications*
- *Description of tissue culture area design & required equipment*
- *Importance of sterility*
- *Do's & don'ts in a Tissue culture lab*
- *Aseptic techniques and good cell culture practice (GCCP)*
- *Animal cell culture techniques, passaging and maintenance of cell lines*
- *Media preparation and sterility testing*
- *Cryopreservation (freezing and thawing of cell lines)*
- *Sub-culturing, determination of confluency, cell counting, and viability testing*

RESOURCE PERSONS

Members of faculty and eminent expert(s) in the concerned areas will conduct the workshop.

IMPORTANT DATES

Date of registration : **Till 11/03/2022**

Confirmation of registration : **15/03/2022**

FOR WHOM

PG/PhD students, faculty, scientists as well as people working in industry in the field of Biotechnology, Life Sciences, Medical Sciences, Pharmaceutical Sciences, Chemical Sciences and related subject areas.

HOW TO APPLY

The applicants are required fill the registration form at the following link on or before 11/03/2022. Only 15 seats are available for registration.

<https://forms.gle/NZMi9FmbY9fWoES4A>

Keep the online transaction details handy while filling the form. Fill the registration form along with transaction details and send scan copy to the email given below.

COURSE REGISTRATION FEES

Fees	Types of Participants
Rs. 800	Internal Students, faculty
Rs. 1000	External Students
Rs. 1500	External faculty
Rs. 2000	Industry person

The above charges are inclusive of GST
Fee includes program material, refreshment and certificate only. A certificate of attendance would be given to all the participants at the end of the program.

Bank Details for online transfer

Account Name: Centre For Continuing Education
Address: Nirma University Sarkhej
Gandhinagar Highway,
Ahemdabad-382481

Name of the Bank: The Kalupur Com.Co.Op.Bank Ltd.
Name of the Branch: Nirma University
Branch Address: Nirma University Sarkhej
Gandhinagar Highway,
Ahemdabad-382481
Bank IFSC Code: KCCB0NRM097
9 Digit MICR code: 380126029
Bank Account No: 09720180200

For further details, contact:

Dr. Snehal Patel

Email: snehal.patel@nirmauni.ac.in

Web site: www.nirmauni.ac.in

NIRMA UNIVERSITY CENTRE FOR CONTINUING EDUCATION NAAC ACCREDITED 'A' GRADE

APPLICATION FORM

***"One day Workshop on Basic Cell Culture
Techniques"***

19/03/2022 (Saturday)

1. Name Mr./Ms/Prof./Dr.
2. Age years
3. Edu. Qualification (Highest).....
4. Designation
5. Organization
6. Internal/External Student.....
7. If Internal Student Specify Roll No
.....
8. Address
- Phone.....
- Email.....
9. Experience (years) in relevant area(if applicable)
Academic:.....
Industry:.....
10. Transaction No (UTR).....
Bank with Branch:-
- Date of payment.....

Date :

Place :

Signature of Participant

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