

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 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 of Pharmacy received 1st rank at state level and 5th rank at National Level in 2016 and 1st rank at state level and 16th rank at National Level in 2017 by NIRF (National Institutional Ranking Framework), MHRD (Ministry of Human Resource Development, Govt. of India.).

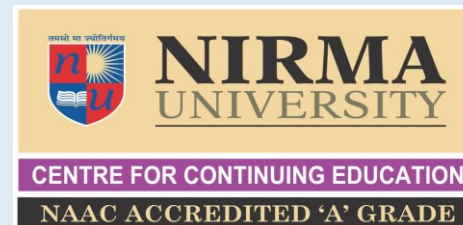
Institute of Pharmacy is poised to face global challenges of the pharmaceutical industry and education with the changed perspectives. It has modern, well-designed and

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 software for docking, SYBYL, iWORX, Systat, SPSS, Gold suite. 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. 55,00,000 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 “Application of Analytical Techniques for Herbal Drugs Research” **06/01/2018 (Saturday)**

Programme Coordinators

Dr. Niyati Acharya, Head of Department
Dr. Dipal Gandhi, Assistant Professor
Department of Pharmacognosy



Conducted By
Department of Pharmacognosy
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

The main objectives of this workshop is to provide a forum for the discussion of innovative scientific knowledge on aspects of instrumentation techniques and its application in herbal drug research, which facilitate the exchange of knowledge and ideas in the application of sophisticated analytical instruments in herbal drug research. This workshop also aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of herbal drug research.

OUTLINE OF CONTENTS

- *Application of sophisticated instruments in herbal drug research*
- *Innovating trends in techniques used for extraction and isolation of phytopharmaceuticals*
- *Demonstration on various sophisticated analytical instruments like GC, HPLC, HPTLC, SFE etc. and its application in herbal drug research*

RESOURCE PERSONS

Course faculty consists of eminent expert(s) in the concerned areas.

IMPORTANT DATES

Receipt of Application : 31/12/2017
Confirmation of Selection : 02/01/2018

By Email/Website: dipspharma@nirmauni.ac.in

FOR WHOM

Interested faculty members from Pharmacy & Science Institutes, and other academic Institutes, PG/ Degree / Diploma / M. Pharm / B. Pharm 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 31/12/2017

REGISTRATION FEES

Fees*	Types of Participants
Rs. 350	Internal Students
Rs. 450	External Students
Rs. 550	Faculty
Rs. 650	Industry Person

*Applicable 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. 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. Niyati Acharya (9824513258, 30642721)

Email: niyati.acharya@nirmauni.ac.in

Dr. Dipal Gandhi (9879035260, 30642718)

Email: dipspharma@nirmauni.ac.in

Web site: www.nirmauni.ac.in

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

Workshop on "Application of Analytical Techniques for Herbal Drugs Research"

06/01/2018 (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. Demand Draft/Cheque No..... Dated.....
Bank with Branch:-

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



Form No. 2

Nirma University

Centre for Continuing Education

Report of Programme conducted under CCE

Title of Programme: ***Workshop on "Application of Analytical Techniques for Herbal Drugs Research"***

Department and Institute PHARMACOGNOSY

Date(s) 06/01/2018

Time(s) 9.00 AM TO 4.30 PM

Category of Audience Academic

(Academic/staff/industry persons etc.)

Details of participants:

Number of participants											
Within City		Within Region		Within State		Within Country		International		Total	
M	F	M	F	M	F	M	F	M	F	M	F
16	28	---	---	---	---	---	---	---	---	16	28

Total Internal participants 32

Total External participants 12

No of Days (Hours) 07 hours

Fees per participant Rs. 350/- (Int- student), Rs. 450/- (Ext- student), 550 (Ext. Faculty)

Total fees received Rs. 16,800/-

Income from Other sources NIL

Total Income Rs. 16,800/-

Total Expenditure Rs. 15,630/-



Signature

Details of Experts

Sr. No.	External / Internal	Full Name	Designation	Name of organization with Address	Phone number	Mobile Number	e-mail	Number of Theory hours	Number of practical hours	Rate of Honorarium paid per hour (Theory and Practicals)	Total Honorarium paid	TA/DA paid
1.	External	Dr. Subrata De	Consultant	Zoetic Ayurvedics Pvt. Ltd.	---	---	subratde@gmail.com	1	---	Rs. 1500/-	Rs. 1500/-	
2.	External	Dr. Rina Gokani	Director & CSO	Accuprec Research Labs Pvt. Ltd.	---	---	rina.gokani@accuprec.com	1	---	Rs. 1500/-	Rs. 1500/-	
Total amount Paid											Rs. 3000/-	Rs. 472/-

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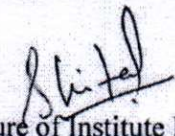
Detail Report of programme: (Use additional sheets if necessary)

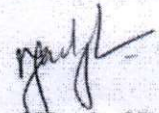
Department of Pharmacognosy, Institute of Pharmacy, Nirma University organized on day workshop on "Application of Analytical Techniques for Herbal Drugs Research" held on 6th January, 2018 (Saturday). Dr. Subrata De, Consultant, Zoetic Ayurvedics Pvt. Ltd was the chief guest and one of the speakers for the workshop. He gave his talk on "Overview on Applications of Analytical Instruments in Natural Product Research". Dr. Rina H. Gokani, Director & CSO, Accuprec Research Labs Pvt. Ltd., gave a talk on the topic "Recent Advancement in Quality Control of Herbal Medicines". The workshop started at 9.30 am in the morning with the inauguration followed by expert lectures and later demonstration of all the instruments performed in the groups. There were total 42 students and 2 faculties has been participated in the workshop from various institutions. Out of which, 11 students are from the Institute of Science and 11 students from Institute of Pharmacy, Nirma University. Total 10 external students and 2 faculties from various pharmacy institutions came to attend workshop. In the workshop participants got the exposure of various sophisticated instruments like GC, HPLC, HPTLC, FT-IR and Spectrofluorimetry. Demonstration of Individual instruments had given and students got exposure of all the principle and application of the same.

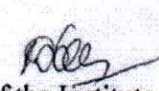
Any other suggestions, feedback and remarks:

Requested to keep this type of workshop for Two days on sophisticated instruments – feedback given by one of the participant


Signature of Coordinator of programme


Signature of Institute level coordinator CCE


Signature of Head of Department


Head of the Institute



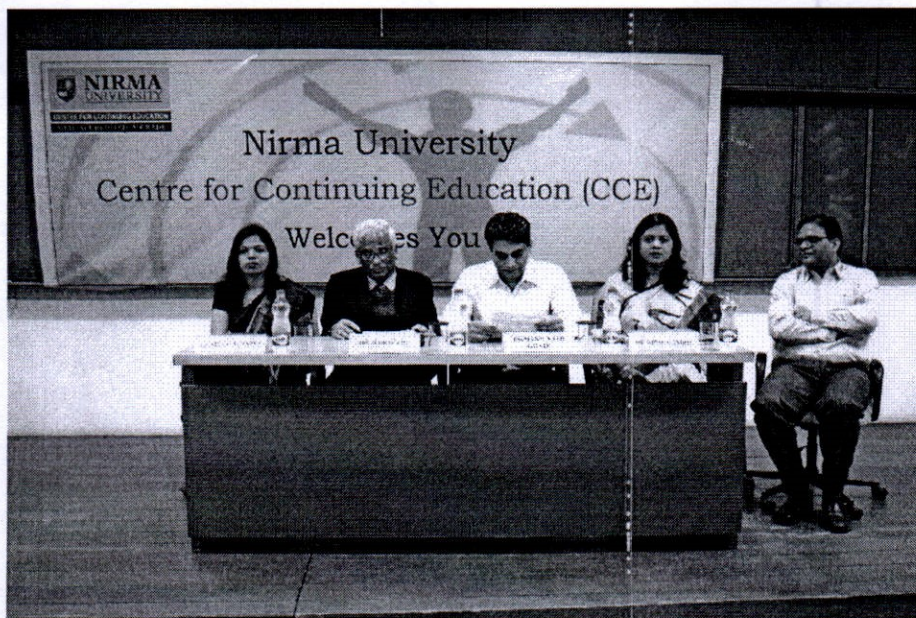


NIRMA UNIVERSITY
INSTITUTE OF PHARMACY

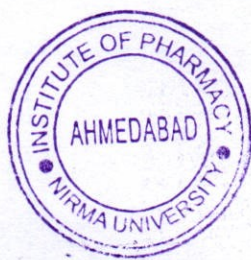
Title of Programme: ***Workshop on “Application of Analytical Techniques for Herbal Drugs Research”***

Department and Institute PHARMACOGNOSY

Date(s) 06/01/2018



INAUGURATION FUNCTION



Signature

