

Short Term Research Training Program  
on Increasing Pharmacy Students'  
Interest in Research  
4 - 8<sup>th</sup> January, 2012

Organising Committee

Patron  
Prof. (Dr.) Rajendra P. Agarwal  
Vice-Chancellor, Shobhit University

Convener  
Prof. (Dr.) Ranjit Singh  
Dean, Faculty of Pharmaceutical Sciences  
Coordinator- CARPS

Coordinators  
Prof. Vrish Dhvaj Ashwlayan  
Prof. Anand Gaurav  
Prof. Santosh Kumar Mishra  
Prof. Dharmendra Kumar  
Prof. Vertika Gautam

Treasurer  
Deepak Goyal, Accounts Officer

Venue of the Conference  
University Campus, Meerut.

Registration Fee  
Students: R 1000 /- only  
Others: R 1500 /- only

Boarding and Lodging Arrangements  
Limited accommodation shall be provided on request  
on first cum first serve basis within the campus

FOR ENQUIRIES AND CORRESPONDENCE

Convener  
Research Training Program  
Centre for Advanced Research in Pharmaceutical Sciences  
Shobhit University  
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About the University  
Shobhit University stands for going beyond the established standards and nurtures technocrats so that they have a global vision and insight in their chosen fields and are globally employable in emerging areas with special focus on present day requirements.

State of the art campus  
Easily accessible from all major cities of India, our campus is well-equipped with high quality facilities and services. The Wi-Fi enabled sprawling campus, guarantees an enjoyable experience of learning, with well equipped central library and departmental libraries, state-of-the-art laboratories, technologically-enabled auditoria, smart classrooms, playgrounds, recreation facilities etc. It houses the most modern campus conditions and the most conducive nurturing environment that can facilitate effective teaching, learning and research activities.



**Shobhit  
University**  
(Shobhit Institute of Engineering & Technology)

EDUCATION EMPOWERS  
Established u/s 3 of UGC Act, 1956

Short Term Research Training Program  
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Organized by

Centre for Advanced Research in  
Pharmaceutical Sciences (CARPS)  
Faculty of Pharmaceutical Sciences  
Shobhit University, Meerut  
[www.shobhituniversity.ac.in](http://www.shobhituniversity.ac.in)

## About Faculty of Pharmaceutical Sciences

Faculty of Pharmaceutical Sciences of Shobhit University (previously known as School of Pharmaceutical Sciences) is recognized by renowned scientific organizations and industry for providing quality education at Post Graduate level and for utility based research activities. We are proud of our excellent placement record and a good number of publications in journals of repute. Till date more than 80 research and review articles have been published. In addition a number of presentations have been made in different conferences, seminars and symposia by the faculty members. After completing their M.Pharm. with us, a number of our alumni are pursuing their research in renowned organizations.

## Our Collaboration

To further strengthen research activities FPS-SU has developed an understanding with

- National Institute of Ayurvedic Pharmaceutical Research (Dept. of AYUSH, CCRAS)
- Wirud Germany, Under SUBI
- Pinnacle Biomedical Research Institute, Bhopal.
- University Center for Excellence in Research, Baba Farid University of Health Sciences, Faridkot
- National Institute of Neurological Disorders and Stroke, Rockville

## About CARPS

Centre for Advanced Research in Pharmaceutical Sciences (CARPS) is a research wing of Faculty of Pharmaceutical Sciences of Shobhit University. The Centre seeks to promote and popularize the advance research oriented education in the area of Pharmacy.

## Objective of the program

In recognition of the critical value of exposing pharmacy students to a hands-on research experience early in their academic careers, CARPS has initiated a formalized, competitive, 5 days research training program.

## Scope

The primary goal of the research training program is to excite motivated students about research, and to provide them the opportunity to assess whether a research career path is something they might wish to consider. During the program, informal sessions will be held with faculty members, followed by attending laboratory events (eg, departmental seminars and research meetings) and open house discussions.

The purpose of these sessions is to address questions of the students about the research career path and describe the steps students should take if they believe they might have an interest in pursuing research. The program will provide in depth practical information about the selected modules. Various interactive sessions by the faculty and by other eminent experts shall address the issues covering two aspects; concepts (what) and hands on training (how).

The Research Training program comprises of Six well planned modules.

## Research Orientation

The aim of this module is to provide knowledge to the students of Pharmaceutical Sciences so as to instill research orientation among them.

The Module Mentor: Prof. (Dr.) Ranjit Singh is Dean, Faculty of Pharmaceutical Sciences. He has more than 74 publications to his credit in journals of National and International repute. He is on the panel of Advisory & Editorial board of different journals.

## Drug Delivery Systems

This module comprises of various requirements for the design of novel drug delivery systems. The participants will be exposed to sophisticated instruments such as photomicroscope, rotary vacuum evaporator etc.

The Module Mentor: Prof. Santosh K. Mishra is Assistant Professor at Shobhit University. He has more than 10 publications in journals of repute.

## Drug Design

The main aim of the module is to provide a set of invigorating sessions on basic molecular modeling techniques with special emphasis on QSAR. Besides theory sessions on QSAR model development and validation hands on experience will also be provided to the participants.

The Module Mentor: Prof. Anand Gaurav is Assistant Professor at Shobhit University. He has published several research and review articles on CADD in journals of repute.

## Phytopharmaceuticals

The module shall make the participants to understand different extraction methodologies and shall familiarize them with pharmacological screening of crude extracts and isolated compounds.

The Module Mentor: Prof. Dharmendra Kumar is Assistant Professor at Shobhit University. He has been working in the area of Phytopharmaceuticals since last 6 years and has published more than 15 papers in journals of repute.

## Analytical Techniques

The main aim of the module is to provide a set of stimulating sessions on chromatographic techniques that would be useful to students at the undergraduate level. Students will be exposed to modern chromatography instruments such as Perkin Elmer Binary HPLC system.

The Module Mentor: Prof. Vertika Gautam is Assistant Professor at Shobhit University. She has published several articles in journals of repute.

## Experimental Animal Handling

The module will cover important topics like the study of CPCSEA guidelines & regulations, ethical requirements, euthanasia, clinical trials, principles and methods of biological assays, and calculation of PD2. Participants will be exposed to sophisticated instruments such as Biopac System.

The Module Mentor: Prof. V.D. Ashwlayan is Assistant Professor at Shobhit University. He has published over 20 articles in journals of repute.



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## REGISTRATION FORM

Name of Delegate : .....

Age & Sex : .....

Designation : .....

University/Institution : .....

Mailing Address : .....

.....

Telephone/Mobile No:.....

Fax:.....

E-mail:.....

Accommodation : Required / Not Required:

Number of Accompanying Persons : .....

## Details of Registration Fee

Cash/Cheque/Draft No.: .....

Dated:.....Amount:.....

Drawn on:.....

Signature of the Delegate