

**NATIONAL WORKSHOP**  
on  
**The integration of Biological methods in  
the Nano field of Chemistry**  
3<sup>rd</sup> - 4<sup>th</sup> March, 2017

**Venue**  
**Seminar Hall, SAIF/CIL, Panjab University,  
Chandigarh**

**REGISTRATION**

Name (Mr./Ms./Dr.): \_\_\_\_\_

Designation: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Accommodation Required (Yes/No): \_\_\_\_\_

Amount: \_\_\_\_\_

Mode of payment (Cash/Demand Draft): \_\_\_\_\_

Demand Draft No: \_\_\_\_\_

Dated: \_\_\_\_\_

(in favour of Director SAIF/CIL, Panjab University  
payable at Chandigarh)

**Signature with Date**

**Dully filled registration form and DD should be  
mailed to The Director, Department of SAIF/CIL,  
Panjab University, Chandigarh-160014**

**ORGANIZATION**

**Patron**

**Prof. Arun Kumar Grover**  
Vice Chancellor  
Panjab University(PU), Chandigarh

**Chairperson**

**Prof. S.K. Mehta**  
Honorary Director  
Department of SAIF/CIL  
Panjab University, Chandigarh

**Convener**

**Dr. Rajendra Kumar**  
Post-doctoral Fellow  
Department of Biological Sciences,  
IISER Mohali

**Organizing Committee**

**Er. H.P.S. Kang**  
**Er. Anil Kumar Sharma**  
**Er. Poonam Kumari**  
**Er. Ramesh K. Sharma**



For queries: Email at  
[nanochem3@gmail.com](mailto:nanochem3@gmail.com)

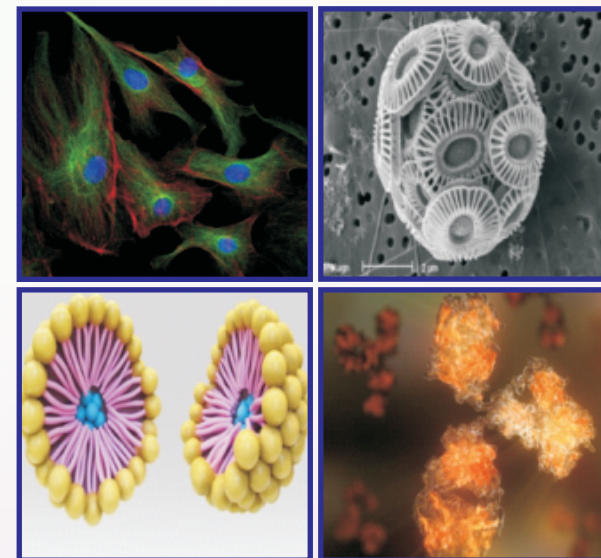


**SYMPOSIUM CUM WORKSHOP**

on

**“THE INTEGRATION OF  
BIOLOGICAL METHODS IN THE  
NANO FIELD OF CHEMISTRY”**

**3<sup>rd</sup> - 4<sup>th</sup> March, 2017**



**Organized by  
Department of SAIF/CIL  
Panjab University, Chandigarh**

## Objective of the Workshop

Interest in Nanotechnology has expanded enormously over the last few years and combining advanced materials with biology has become one of the most pioneering research fields. This symposium aims to touch upon few relevant aspects of the development of novel nanomaterials followed by their physical and biological characterization. Through application oriented lectures and demonstration, this symposium plans to underscore the importance of physical and biological characterization of nanomaterials developed using advanced materials. Post-lectures, experimental demonstration of instrumental techniques, Flow cytometry and Confocal Microscopy are included to develop a clear understanding of these sophisticated methods.

## About SAIF/CIL

SAIF, Panjab University was created by Department of Science and Technology, Govt. of India. During the 6<sup>th</sup> Five-Year Plan. The complete facilities of SAIF/CIL are working in unison to provide analytical services and practical training to researchers and scientists throughout the country. It houses TEM, SEM, FESEM, NMR (400MHz), PXRD, WDXRF, LC-MS, GC-MS, CHNS-SO analyzer, FTIR UV-Vis-NIR Spectrometers.

New instruments such as SAXS and 600MHz NMR will be installed soon. The centre also undertakes the design, fabrication and repair of electronic instruments required by researchers from the University and other institutes.

## Who Can Attend

Faculty, researchers, engineers, executives from R&D Labs, Universities and industries and student at graduate, postgraduate and research scholars can participate in the workshop.

## Accommodation

Participants may be provided accommodation at the university Guest house/ Faculty house/ hostels on payment basis subject to availability. Request for accommodation has to be sent in advance.

## About Panjab University

Panjab University is one of the oldest Universities in India established in 1882. University campus is spread over an area of 550 acres in the heart of Chandigarh city consisting of 788 teaching/research departments and 15 centres/chairs. It has a long tradition of pursuing excellence in teaching and research in humanities, science and technology. It is ranked amongst the top most Universities of India and Asia. Its faculty includes several distinguished scientist and academicians.

## About Chandigarh

Chandigarh is one of the most beautiful and planned city of India. It is amongst the cleanest cities, designed by French architect Le Corbusier. The city is named as "City Beautiful" due to its rare epitome of modernization and nature's preservation. The city is located at the foothills of the great Himalayas. The city has inherited various tourist spots including Capitol Complex (A UNESCO World Heritage Site), Rock garden, Sukhna lake, etc. It has also been selected as smart city.

## How to Register

Register yourself

1. Reception CIL/SAIF ; or
2. Email: [nanochem3@gmail.com](mailto:nanochem3@gmail.com)
3. Payment through cash/DD

## Registration fee\*

Interested Candidates can participate without any Registration Fee before 2<sup>nd</sup> March

\*\*Registration after 2<sup>nd</sup> March is Rs 100 for all participants.

### Important dates

**Last date of registration: 2<sup>nd</sup> March, 2017**  
**Workshop date: March, 3<sup>rd</sup> - 4<sup>th</sup> 2017**