

**INTERNATIONAL WORKSHOP ON
Amphiphilic Molecules and Self-Assembly:
Principles and Applications**

March 22-28, 2016

Organised by

Panjab University, Chandigarh, India

'An event under'

Global Initiative of Academic Networks

REGISTRATION FORM

Name (Mr./Ms./Dr.): _____

Designation: _____

Affiliation: _____

Address: _____

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Accommodation Required (Yes/No): _____

Amount: _____

Mode of payment (Cash/Demand Draft):

Demand Draft No: _____

Dated: _____

(in favor of 'Coordinator GIAN,, Panjab
University" payable at Chandigarh)

Signature: _____ Date: _____



Guest Faculty

Prof. Michael Gradzielski is one of the 18 Full (Structural) Professors the Institute for Chemistry of the Technische Universität Berlin, Germany. He has published about 200 articles in internationally renowned journals. He is currently vice-president of the German Colloid Society and dean of the faculty for Mathematics and Natural Sciences. Previously he has been serving on the boards of the German division of detergency science and in the scientific council of the Institut Laue-Langevin (ILL), Grenoble, France. For his research, he has received in 1997 the award for "basic research related to surfactants" by the German Chemical Society and in 2009 the Liesegang-prize of the German Colloid Society.



Course Coordinator

Prof. S. K. Mehta, Director SAIF/CIL/UCIM and Professor and former Chairman, Department of Chemistry Panjab University, Chandigarh has made significant contribution in the field of Surfactant Chemistry and Nanochemistry. He has been conferred with renowned DAAD and JSPS fellowships and also awarded with Bronze medal from Chemical Research Society of India (CRSI), authors award by Royal Society of Chemistry, UK, Haryana Vigyan Ratna award and Prof. W.U. Malik Memorial Award of Indian Council of Chemists (ICC). He has been a visiting scientist to several countries including Germany, Japan, USA and France.

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About GIAN

Global Initiative of Academic Networks (GIAN) is a new program approved by Govt. of India which is aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence

Overview & Scope

The primary objectives of the course are to introduce participants to the various types of amphiphiles and their fundamental properties. Giving insights into the principles of self-assembly and how to control the structure and properties of such aggregates. Learning how to employ amphiphiles and the assemblies for practical applications. Gaining insight into how to formulate amphiphilic systems according to structure-property relations. Extending the knowledge of principles of surfactant science to the rapidly developing field of amphiphilic copolymers, with an emphasis on similarities and particular properties of copolymers.

About Chandigarh

Chandigarh is one of the most beautiful and well planned cities of India, designed by the French architect Le Corbusier. Serenity and a city are normally two diametrically opposite concepts, which however, get belied in the 'City Beautiful'. Chandigarh is a rare epitome of modernization co-existing with nature's preservation. The city is located near the foothills of the great mountains of Himalayas with the Queen of Hills, Shimla.

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 sectors 14 and 25 of the city of Chandigarh. It is ranked 1st among Universities of India and 38th in Asia, Times Higher Education Asian University rankings 2015. Panjab University has a long tradition of pursuing excellence in teaching and research in science and technology, humanities, social sciences, performing arts and sports. PU campus is also attracting and supporting the best minds and recruiting faculty who excel at teaching and research. University has 75 teaching and research departments and 15 Centers/Chairs in the main campus. The Gandhi Bhawan- the major landmark of 'city beautiful' Chandigarh is located at the university campus and has stunning architectural structure.

Accommodation

The participants may be provided with accommodation at the University Guest Houses/hostels on payment basis depending on the availability. Request for accommodation should be sent in advance.

Who can attend

- Executives, engineers and researchers from manufacturing, service and government organizations including R&D laboratories.
- Students at all levels (BSc/BTech/MSc/MTech/PhD), faculty or researchers from academic institution interested in learning about research on Amphiphilic Molecules and Self-Assembly.

Registration Fees

The participation fees for taking the course is as follows:

Participants from abroad : US \$300
Industry/Research Organization: Rs 5000
Academic Institutions: Rs 2500

The above fee includes all instructional materials and assignments, laboratory equipment usage charges, 24 hr free internet facility.

Please contact the course coordinator, Prof. S. K. Mehta, Department of Chemistry (Email: skmehta@pu.ac.in, Mobile: 9417786061) for any enquiry.

Submission Deadline: March 15, 2016