

INTERNATIONAL WORKSHOP
on
Transition Metals in Organic Synthesis

June 26 - July 01, 2017

Organized by

Panjab University, Chandigarh, India

'An event under'

(Global Initiative of Academic Networks)

REGISTRATION FORM

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

Signature

Date: _____

Patron: Prof. Arun Kumar Grover
Vice Chancellor, Panjab University, Chandigarh

Local Coordinator GIAN: Prof. S.K.Mehta
Director, SAIF/CIL, Panjab University, Chandigarh

Guest Faculty



Prof. Roderick Bates received his PhD at Imperial College, London with Professor Steven Ley, using organoiron complexes for organic synthesis. After a postdoctoral stint at Colorado State University with Professor L. S. Hegeudus working on chromium carbenes, he moved to the University of North Texas as an Assistant Professor. He is currently an Associate Professor of Chemistry at Nanyang Technological University in Singapore. His principle research interest is in the use of transition metals in organic synthesis, and stereocontrol in natural product synthesis. He has worked on applications of palladium, ruthenium, gold, silver, rhodium and platinum among other metals. His group has synthesized more than twenty natural products. His book Organic Synthesis using Transition Metals (2nd Ed.) was published by Wiley in April 2012. He has also contributed chapters to Comprehensive Organometallic Chemistry (Elsevier) and Hydroformylation for Organic Synthesis (Springer). He is a multiple winner of NTU's Teaching Excellence Award.



Course Coordinators:

Deepak Salunke received his PhD at Organic Chemistry Division of CSIR-National Chemical Laboratory (NCL), Pune. He is currently Assistant Professor of Chemistry at Panjab University, Chandigarh and also a recipient of Ramalingaswami Fellowship of DBT, India.

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**"Transition Metals in Organic
Synthesis"**

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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, exchange of scientific thoughts through collaborations and elevate India's scientific and technological capacity to global excellence.

Overview & Scope

At the end of the course, the participants will be able to understand the structures and reactions of transition metal and how they differ from the chemistry of main group metals. They will be able to demonstrate this understanding by drawing mechanisms for both catalytic and stoichiometric reactions. The participants will appreciate the limitations of current chemistry. They will also be able to propose syntheses of organic molecules using the chemistry of transition metals, both in catalytic and stoichiometric processes. They will be able to describe how the application of this chemistry differs between the fine chemicals and bulk chemical industries.

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 (PU) a public collegiate university located in Chandigarh, 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 among the top ranked Universities of India. 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 78 teaching and research departments and 15 Centers/Chairs in the main campus. University has 188 affiliated colleges spread over Punjab. Gandhi Bhawan- the major landmark of 'city beautiful' is located at the university campus and has stunning architectural structure.

Accommodation

The participants may be provided accommodation at the University Guest Houses/hostels on payment basis depending on the availability. Please send request for accommodation in advance.

Who can attend

- 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 Transition Metals in Organic Synthesis.

Registration Fee

The participation fees for taking the course is as follows:

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

Discounted price will be offered to Bachelors and Masters Degree students.

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

The above fee includes all instructional materials and assignments and 24 hr free internet facility. Please contact course coordinator, Dr. Deepak B. Salunke, Assistant Professor, Department of Chemistry (Email: salunke@pu.ac.in, Mobile: 8195968252) for any enquiry.

Submission Deadline: June 20, 2017