

Who can attend

- ◆ Researchers, Scientists, Social Worker or Clinicians working in the area of addiction and substance abuse, de-addiction, alcohol etc.
- ◆ Bachelor's, Master's, PhDs, Post-Doc or faculty from medicine, pharmacy, psychology, psychiatry, basic sciences etc. from academic and technical institutes

Venue of Workshop: Seminar Hall, SAIF/CIL, Panjab University, Chd.

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 and 24 hr free internet facility. Please contact course coordinator, **Dr. Sanjeev Gautam**, Dr. S. S. Bhatnagar University Institute of Chemical Engineering & Technology, (SSB UICET) Panjab University, Chandigarh -160014

(Email: sgautam@pu.ac.in, sgautam71@gmail.com, Mobile.: 9779713212) for any enquiry

Submission Deadline: September 25, 2017

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



Dr. Asanova Tatyana is the faculty at Laboratory of Chemistry of Rare Platinum Metals, Institute of Inorganic Chemistry SB RAS, Novosibirsk, Russia. Her research expertise include XAFS-spectroscopy, experiment and research of nanomaterials, battery materials, ferroelectrics, inorganic compounds, formation of bimetallic nanoparticles by XAFS and combination of complimentary methods such as XAFS and XRD, XAFS and XPS.

Course Coordinators:



Prof. Navdeep Goyal is a Professor of Panjab University, Chandigarh in Physics Department. His research interest is experimental solid-state physics: Dielectric properties of chalcogenide glasses, study of electronic structure of advanced functional materials, device applications of high T_c superconductors and magnetic properties of layered superconductors.



Dr. Sanjeev Gautam, faculty in Dr. S.S. Bhatnagar University Institute of Chemical Engineering and Technology, Panjab University Chandigarh. He is specialist in X-ray Absorption Spectroscopy (XAS), X-ray magnetic circular dichroism (XMCD) and High-resolution X-ray diffraction (HRXRD) using synchrotron radiation. His research experience includes the synthesis and characterization of various inorganic compounds, study of electronic structure of advanced functional materials including carbon based

INTERNATIONAL WORKSHOP

on

"X-ray Absorption Spectroscopy: Materials inside - Analysis Tool"



सत्यमेव जयते

An event under
GIAN
Global Initiative of Academic Networks



October 3-8, 2017



Organized by
Panjab University, Chandigarh

under the aegis of



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

The primary objectives of the course is to make the participants acquainted with spectroscopy method of atomic structure determination in new multifunctional materials such as XAFS theory and applications in Physics, Chemistry, Interdisciplinary fields; Introducing with technical aspects of XAFS experiments and analysis; Building in confidence and capability amongst the participants in understanding of science literature with XAFS data and kind of tasks could be solved, the application of practical skills for determination of material's atomic structure and Enhancing the capability of the participants to solve different scientific problems by XAFS spectroscopy.

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.

REGISTRATION FORM

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

Designation (Student/Faculty): _____

Complete Portal Address : _____

Phone/Mobile: _____ Email: _____

Registration Fee (Rs. _____)

Accommodation required (Yes/No): _____

Accommodation required for number of days and dates _____

Accommodation Fee (Rs.): _____

Mode of payment (Cash/Demand Draft.) _____

DD No. _____ Amount _____

Registration fee : Participants from abroad USD 300; Industry/Research Organisation: Rs. 5000/-; Academic Institutions: Rs. 2500/-

Accommodation on sharing basis will be available @ **Rs. 500 per day** at Panjab University Guest Houses,

Note: DD in favour of "Coordinator GIAN, Panjab University" payable at Chandigarh.

In case payment is made through NEFT/RTGS, follow the account details below:

Account Name : Coordinator GIAN, Panjab University

Account Number : 35643257125

IFSC Code : SBIN0000742

Bank Name : State Bank of India

Branch Name : Panjab University, Chandigarh

Signature with date