



10 DAYS NATIONAL WORKSHOP ON **ANALYTICAL INSTRUMENTS**

09th Feb to 18th Feb 2023



ORGANIZED BY

**Sophisticated Analytical Instrumentation
Facility (SAIF)
Panjab University Chandigarh**

ABOUT THE PANJAB UNIVERSITY

Panjab University is one of the oldest Universities in India. It has a long tradition of pursuing excellence in teaching and research in science and technology, humanities, social sciences, performing arts and sports. The Panjab University, with its 78 teaching and research departments besides 4 chairs for the research on the main campus at Chandigarh, has 188 affiliated/constituent colleges spread over Punjab and Chandigarh besides Regional Centres at Muktsar, Ludhiana, Hoshiarpur and Kauni.

ABOUT THE SAIF, PU, CHANDIGARH

SAIF, formerly known as RSIC at Panjab University Chandigarh was incepted in the earlier years of the 6th plan. The complete facilities of SAIF, CIL and UCIM are working in unison in the service of research and also for imparting practical training to the students through workshops. The Centre also undertakes the design, fabrication and repair of electronic instruments required by students and teachers from the University and the colleges around. It also runs training programmes in technical skills for the benefit of scientific community and associated laboratory staff from different institutions.

ABOUT THE WORKSHOP

The workshop aims to provide the theoretical background and exposure to the sophisticated analytical instruments. Exposure to the sample preparation, testing and handling of the instruments. Data analysis and interpretation of results obtained from the testing. An opportunity to understand the principle, instrumentation and their applications in the field of science and technology.

CHIEF PATRON



Prof. Renu Vig
Vice Chancellor, PU, Chandigarh



Prof. G. R. Chaudhary
Professor, Deptt. of Chemistry
Director, SAIF/CIL
Coordinator STUTI program-PMU
PU, Chandigarh



Convenor
Dr. Ramesh K Sharma
Assistant Professor
SAIF/CIL
PU, Chandigarh

WORK SHOP HIGHLIGHTS

To learn about the Sophisticated techniques, sample preparation, visit SAIF center & to get glimpse of state-of-the-art instrumentation. The participants will get the opportunity to interact with eminent speakers & researchers from various fields.

The following instruments will be covered during the workshop:

SEM, FE-SEM & HR-TEM, LC-MS & GC-MS, XPS, Confocal Raman microscopy, ICP-MS, NMR, XRD & SAXS

SPEAKERS

Eminent faculty members of various departments in the university, industry experts and experts from research institutes who has gained expertise on respective analytical techniques will be delivered the lectures during the workshop.

TARGET AUDIENCE

Academician
Research Scholars
Industry persons
UG & PG students
Staffs/ Faculty

ACCOMMODATION AND FOOD

Participants can avail accommodation within the university on request.
The food will be provided.

ORGANIZING COMMITTEE

Chief Patron

Prof. Renu Vig, Vice-Chancellor, PU, Chd.

Convenors:

Prof. G.R. Chaudhary

Dr. Ramesh K Sharma

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Location:

<https://goo.gl/maps/b7FsVYTDLkuxywFk8>