



Workshop on Procedures & Applications of XRD, XRF & Single Crystal XRD

Duration: One Week (27th July to 1st August, 2018)

Organised by

SAIF, Guwahati

Department of Instrumentation & USIC, Gauhati University

Sponsored by

Department of Science & Technology (DST), Govt. of India
2018

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Workshop Coverage

In the Proposed workshop, theory as well as application of XRD, XRF & SC-XRD will be discussed.

The following broad topics will be covered in the workshop.

XRD

1. Sample preparation
2. Phase identification
3. Thin film analysis
4. Quantitative analysis

XRF

1. Sample preparation
2. Analysis of silicate rocks
3. Analysis of biological samples
4. Analysis of thin films

SC-XRD

1. Sample selection
2. Unit cell determination
3. 3-D intensity data collection & reduction
4. Structure solution & refinement
5. ORTEP & Packing diagram

Registration Fee: ₹

Research Scholar Rs. 1,500/-

Teacher/Scientist Rs. 2,500/-

Industrial Participant Rs. 5,000/-

All correspondence should be
Addressed to

Co-ordinator

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Resource Persons

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*Prof. S. Hazra, SINP, Kolkata

*Prof. S. K. Pradhan, Burdwan Univ.

Important Dates:

1. Last date of application in
prescribed forms: **23.07.2018**

2. Date of publication of selection
list: **25.07.2018**

3. Date of registration: **27.07.2018**