

**Office of the Central Research Facility Centre
National Institute of Technology Srinagar
J&K, India 190006**

**X-Ray Diffraction (XRD) Facility
Requisition Form**

To be filled compulsorily, otherwise the request will not be accepted.

Name of the Applicant	
Contact No (s)& Email ID	
Name of Supervisor	
Department	
Institute	
Address	
Payment details (DD No./Cash Deposit Slip)	

Sample Code	Start (2 Θ)	End (2 Θ)	Speed (deg/min)	Powder/Thin Film SAXS/Crystal structure	Possible Elements/ Comp. present	Expected Peaks at (Angle) *	Toxic/Corrosive/Radioactive etc.**

* Provide reference data, image, and published papers for best results.

** If the sample(s) present any danger to the personnel or equipment or stipulates any special treatment as protocol, appropriate instructions are to be provided.

Certification by Guide/HOD:

I hereby certify that the user is a bonafide research student of our Institution.

Signature of Research Student

Signature of Guide/HOD with seal

Date:

Place:

General instructions:

1. Only 2 samples per requisition will be accepted.
2. The users shall be allotted the time slots as per the availability. The users will be informed about their date and time of slot by e-mail.
3. The sample should be dry.
4. Data will be supplied in the Compact Disc by the Operator. Only new CDs will be accepted for data copying.
5. Only user is permitted to be present in the laboratory during analysis.
6. The soft copy of the requisition form must be submitted in mail to mfwani@nitsri.net.
7. Model available with the Institute is **Rigaku Smart lab**.
8. Samples and payment should be sent preferably in the same cover. Samples will not be analyzed till payment is received.

Charges for Analysis:**For users from NIT Srinagar**

- (a) Rs. 200/- per sample for powder XRD
- (b) Rs. 250/- per sample for Thin film analysis
- (c) Rs. 500/- per sample for SAXS

For users from Other Educational Institutes

- (a) Rs. 300/- per sample for powder XRD
- (b) Rs.500/- per sample for Thin film analysis
- (c) Rs.700/- per sample for SAXS

For users from Industry and R&D Centers

- (a) Rs. 1000/- per sample for powder XRD
- (b) Rs.1500/- per sample for Thin film analysis
- (c) Rs. 2000/- per sample for SAXS

10. The analysis charges have to be paid using the following options

- Demand draft in favor of **The Director, NIT Srinagar**, payable at NIT Srinagar
- Cash payment at JK Bank REC Srinagar.