



CENTRAL INSTRUMENTATION FACILITY

National Institute Technology Meghalaya, Sohra – 793108

Website: www.nitm.ac.in

REQUISITION FORM FOR PXRD

Information

- a) Name of User:
- b) Designation:
- c) Department/Centre:
- d) Organization/Institution:
- e) Address:

- f) E-mail:
- g) Contact number:

Analysis mode required: Powder XRD Thin film XRD High Temperature XRD SAXS

- a) Number of samples:
- b) Sample description:

Sample Codes	Chemical Formula/Composition of the sample	Temperature range for HT XRD	Any other information

Note: A maximum of 06 samples will be accepted at a time

- a) Special precautions for sample:
(Note: samples of hazardous nature will not be accepted)
- b) parameters:

2θ value range (°):	Scan rate:
Grazing angle for thin film XRD (θ):	
- c) Sample disposition: (1) Save and return (the user must bear the cost) *
 (2) Dispose after analysis

2. Payment details only for external user (online payment only):

Amount paid (Rs):	Transaction ID with date:
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[Signed copy of the bank transaction record is to be submitted along with the application.]

All users are required to acknowledge the use of CIF, NIT Meghalaya in all their research publications/articles resulting from the use of CIF equipment. A copy of such publication must be submitted to CIF for reference and record.

(a) Signature of User
Date:

(b) Signature of Supervisor
Name:
Seal:

(c) Signature of HOD/Principal
Name:
Seal:



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***Note:** For the sample return an amount of **Rs. 100.00** must be paid by external/industrial researcher **as extra** along with the normal analytical charges.

No. of samples scanned		Date of Experiment	
Logbook Page No.		Experiment performed by	
Net Charge	Rs.	Receipt No.	

Any Remarks:

Instrument Operator
(Signature with seal)

Faculty in-Charge
(Signature with seal)

Information regarding the sample submission for internal users

- Internal users are requested to submit the samples to the Technical Assistant (CIF), Mr. Balatei Skhem Syiemlieh (Chemistry Laboratory, Academic Block, 9362708615/8575838065).
- Sample submission days (Monday, Wednesday and Thursday).
- Sample analysis days (Tuesday and Friday)
- Papers may be attached along with this form in case of specific requirements and the concerned faculty/scholar should discuss with the TA regarding the experimental outcomes (as applicable).
- The days/dates are tentative and may change depending on holidays or other reasons.

Proposed Charges (Per Sample): GST @ 18% extra will be charged					
Name of the instrument	Facilities Available	For Educational Institutes (Gov't/Private) of NE region/ <u>Internal Users</u>	For educational institutes (Gov't/Private) of outside NE region	Gov't Organizations/ Laboratories	Private Industries or RD Laboratories
Powder XRD (per sample basis)	Powder sample only	400/-	650/-	850/-	1200/-
	Thin Film Attachment	1200/-	1600/-	2100/-	2500/-
	SAXS	1200/-	1600/-	2100/-	2500/-
	Temperature variation XRD	2200/-	2500/-	3000/-	3500/-

Please Note: Incomplete requisition forms will not be entertained. The full charges have to be paid in advance via online mode to the following account:

Account Holder Name: NIT Meghalaya CIF
Account No.: 7267841597; IFSC Code: IDIB000S660
MICR: 793019004

*Kindly acknowledge the use of the facility in your published papers/thesis and send us the citation details.