

Tezpur University Sophisticated Equipment Facility ServicesTezpur University
Napaam, Tezpur-78028, Assam**JOB ORDER FORM FOR SINGLE CRYSTAL XRD**

(For Instrumental Analysis)

- | | |
|--------------------------------|---------------------|
| 1. * Name of User: | 2. *Designation: |
| 3. *Department/Centre: | 4. *Phone No: |
| 5. *Address: | 6. *Email: |
| 7. *Transaction No. with date: | 8. *Payment amount: |
- [a. *Signed copy of bank transaction record is to be submitted along with application
b. *Mention the amount associated with different analysis in the transaction copy]

Job Description

(Please attach separate sheets if space below is insufficient)

1. *Name of the facility to be availed (List)
2. *Chemical formula, composition of the sample(organic, inorganic, mp/bp etc)
3. *Whether toxic, corrosive, hygroscopic or radioactive
4. *Solvent/media to be used (if necessary)
5. *Expected results
6. Provide reference data, image, published paper if available
7. *Collaboration work if any (attached document)
8. *Acknowledgement in paper/thesis

Note: *User must provide the above mandatory information before sample analysis

Signature of User

Date:

Signature of Head of Department/Principal/Investigator
With office seal

Name:

Designation:

Date:

SPECIFIC INFORMATION

Empirical Formula :

Proposed Structure :

Spectroscopic Characterization :

Crystallization Solvent Used :

Air/ Moisture/ Light Sensitivity :

Safety Information (e.g. hazard?) :

DATA COLLECTION/ STRUCTURE DETERMINATION

Only Unit Cell Determination (Y/N) :

Unit Cell + Data Collection (Y/N) :

* Crystal Structure Determination (Y/N) :

* Structure Analysis (Y/N) :

Collection Temperature :

CAMBRIDGE STRUCTURE DATABASE (CCDC)

Whether Reported in CSD (Y/N) :

** Only Collect if Cell is not

a =	α =	Space group =
b =	β =	Temperature = _
c =	γ =	Volume =

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Equipment: Bruker Smart Apex - II diffractometer with Mo K_{α} rotating anode generator, and Smart CCD detector

* If YES, send additional request via email/phone

** Add additional page if necessary