



**SAMPLE REQUISITION FORM
FOR Transmission Electron Microscope Facility**

(TECHNAI G² 20, 200 kV)

**CENTRAL RESEARCH FACILITY
National Institute of Technology,
Barjala, Jirania, West Tripura – 799046**

Application No: NITA/CRF/TEM/.....Slot Time:-----Slot Date:----/----/-----

<u>User Information</u>	
Name & Designation: Candidature: Internal / External	
Department: Branch: Course:.....	
Reg. No:..... Contact No:.....	
E-mail address:	
Title of the Project / Dissertation:	
.....	
<i>*Internal candidates represent the student's / Staff / Faculty members belong to NIT Agartala.</i>	

Details of samples submitted: Please provide the following details	
Sample Description along with code	
Kindly note that samples cannot be analyzed for TEM without brief description of samples.	
No. of Samples	:
Morphology & size expected	:
Sample property	: • Nonmagnetic • Non metal • Metallurgical • Non-Conducting
Sample medium	: • Liquid • Crystalline • Powder
Medium used for Dispersion	: • Ethanol • Methanol • Water • IPA • Acetone • Others (specify):
SAED Pattern	: • Required • Not Required
EDAX requirement	: • Required • Not Required
Expected elements during spectra analysis	:
Sample Status	: • Submitted • Not submitted
Personal Appointment (Would you like to attend)	: • Yes • No

Instructions :

- * Use of any kind of Food stuff or Shoes are not allowed inside the working area of the lab.
- * Sample will be done on first cum first serve basis as per the slot provided.
- * **Carry your own Carbon coated grid (mesh size 300 ~ 400) for sample analysis**
- * *Magnetic, Conducting, Corrosive or any kind of unsuitable sample will not be accepted.*
- * **Bring your own CD for data collection (Pen drives, USB HDD or any other external devices will not be entertained due to safety measure.)**
- * Sample analysis may be delay due to maintenance or power issue. Hence cooperation is expected in this regards.
- * We need at least 15 days to provide your data.
- * Bring your sample in petridish or grid box. Sample wrapped in tissue paper or aluminium foil will not be entertained. Do not touch the grid with bare hands, use sharp end tweezers for handling.
- * Handle the grid softly & gently. Twisted, banded or any unsuitable grids will not be allowed in any circumstances.
- * Your acknowledgement in the publication will be highly appreciated for better performance.

Declaration

I hereby declared that I am using this instrument for the above entitled Project / Research work. I also declared that the above information furnished by me is correct to the best of my knowledge and belief, failure which my application may be terminated for future use. Furthermore I shall be solely responsible if there is any damaging of instrument due to incorrect information provided.

Date:

Place:

Signature
(Student/Scholar)Signature with stamp
(Supervisor/Guide/PI)Signature with stamp
(HOD)**Payment Details**

Amount:.....In word Rupees.....(Only)

Through: ONLINE vide Transaction No:.....Dated:.....

(Please submit a reference copy as a proof of payment along with this application form.)

Acc. Name: NITA NON-PLAN FUND

Acc. No: 30369892838

Branch: NIT Agartala (011491)

IFSC Code: SBIN0011491

MICR Code: 799002525

For Office Use

The user may be allowed to use the facility as per the procedure.

Chairman, CRF, NITA

Payment has been done by the applicant through ONLINE mode as per the record.

(Accountant)_____
Signature
TEM Operator