

SATHI FOUNDATION IIT KHARAGPUR

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HRTEM Sample Details Form

Date:

1. User Profile:

Name	
Designation	
Department / Organization	
Address with Pin code	
GST No. & PAN No. (if applicable)	
Roll Number (for students)	
Mobile number & Email	

2. Sample Details:

Nature	Magnetic / Non-magnetic/Biological / Polymer
Type	Powder (Prepared on grid) * / Self-standing film / Disc
Composition (compound name)	
No. of samples	(Max 2 samples per 3 h)

Analysis mode:	TEM / HRTEM / SAED STEM / STEM EDS / EDS Mapping / EELS
Duration (Hrs.)	3Hrs / 6Hrs (Note: 6 Hrs. slot required for STEM / EELS analysis)
Analysis voltage	300kV / 80kV/ 60kV
Sample preparation facility	Yes / No (charges are per sample basis)

*The shape and size of features. The user should provide a couple of FESEM images of the powder sample (along with EDS – preferred) prepared on the grid.

3. Declaration:

I hereby agree to acknowledge the use of **SATHI Foundation IIT Kharagpur** facility in my related publication / patent

User Signature with date

Supervisor Signature with seal (for students)

Supervisor name: Email:

Mobile number:

4. Instructions for users:

- a. Sample should be submitted in the TEM lab a day before during 12 noon to 12.15 pm or 5 pm to 5.15 pm.
- b. Do not call the operator during 9 to 12 noon and 2 pm to 5 pm.
- c. Bring a new DVD (4.37GB) formatted as "Flash Drive" for data copying.

For Office use only

Booking ID:.....

Approved: Yes / No

Slot Date & time:

Facility In charge:

Completion date:.....