

ADVANCED IMAGING CENTRE

Indian Institute of Technology, Kanpur

Phone: 0512-259-6389,0512-259-6384

<http://iitk.ac.in/imaging>

Job No.

Department / Proj. No

Experiment [#]	No of slots/ samples	Sample Details	Remarks
FEI TechnaiG2 12 Twin TEM120 kV			
TEM Grids (If TEM grids are to be provided by AIC, please write type and quantity. Please check grid availability and cost before filling out form)			
Please mention sample preparation tools (list appended) needed to prepare your samples. Please check user charge details for each tool on AIC webpage. Consult with the TEM operator for availability and usage.			

Preferred date of Booking		
Name:	Email:	Phone No
Supervisor's Name:		

"Advanced Imaging Centre at IIT Kanpur" will be acknowledged in publications where these results are reported.

Kindly transfer Rs _____ from project no _____ which is expiring on _____ to account of 'Advanced Imaging Centre' [LDA/IITK/AIC/2020157]

Name & Signature of User

Signature of Head / PI

For Advanced Imaging Center use

No of sample Scanned		Date of Experiment	
Log Book Page No.		Experiment Done By	
Net Charge	(Rs)		

Sample preparation tools list

1. TEM Grids

- Rs. 500/- for 5 uncoated copper 200/300 Mesh size grids
- Rs. 500/- for 2 formavar/carbon coated copper grids
- Rs. 700/- for 2 holey carbon TEM grids

2. TEM Mill

3. Ultrasonic Disk Cutter

4. Dimpling Grinder

5. Polisher or Grinder

6. Specimen Punch

7. Low Speed Diamond Saw

8. Twin-Jet Electropolisher

9. Turbo Vacuum Pumping Station

10. Plasma Cleaner

11. X-TEM Prep Kit

12. Specimen Grinder

13. Ultra Microtome

- Room Temperature sectioning
- Cryo-Temperature sectioning

14. Vitrobot Vitrification Process