

Rules and Charges for using HRTEM facility at PSG IAS

1. Nanotech facility services can be availed on charge basis.
2. Prior registration with advance payment is essential to avail any of these facilities.
3. Appointment will be given as per queue and the allotted time for the slot will be informed through E-mail.
4. For a better analysis basic details about the sample should be given.
5. Before giving the sample for TEM analysis, it is suggested that the sample is characterized by any other techniques such as XRD, SEM, AFM, TG etc.
6. No refund of the payment made in any case.
7. Analysis Charges per sample:

User	HRTEM*
Internal (PSG institutions)	1,875/-
External Colleges and Universities	5,000/-
Industry	10,000/-

**Charge for a slot of 90 minutes, which includes specimen loading and vacuum along with the analysis (Excludes specimen preparation charges).*

8. TEM Specimen preparation:

- User may prepare their TEM specimens by themselves.
- Charges for the TEM specimen preparation at PSG IAS.

Sample type		Internal	External	Industry
Powder type	Using Cu grid with carbon coating	260/-	500/-	1500/-
	Using Cu grid with holey C film	350	750	2500/-
Metals, Ceramics, Thin film surface etc. (lesser than 100 micron thickness)		500/-	1,500/-	3,000/-
Metals and ceramics Thin film surface etc. (above 100 micron thickness)		1,500/-	4,500/-	13,500/-
Thin film (cross section)		2,000/-	6,000/-	18,000/-

- TEM specimens for biological samples should be prepared by the user.

9. Magnetic samples or samples which are not high vacuum compatible cannot be analyzed by HRTEM.
10. External colleges & Universities and industry users should pay the charges in advance before the characterization is carried out.