

Laboratory for Advanced Research of Polymeric Materials (LARPM)
CENTRAL INSTITUTE OF PLASTICS ENGINEERING AND TECHNOLOGY (CIPET), BHUBANESWAR

S. No	Analytical Instrument Facility	Developmental Charges (Rs.)
1.	Transmission Electron Microscopy (TEM)	3000/S
2.	Scanning Electron Microscopy (SEM)	1500/S
3.	Dynamic Mechanical Analysis (DMA) 25-300°C @ 10°C/min -150-300°C @ 10°C/min	1000/S 2000/S
4.	Differential Scanning Calorimetry (DSC) 30-350°C @ 10°C/min 30-350°C @ 5°C/min	1000/S 1500/S
5.	Thermo Gravimetric Analysis (TGA) RT-800°C @ 10°C/min RT-800°C @ 5°C/min	1000/S 1500/S
6.	X-Ray Diffraction (XRD)	1500/S
7.	Rheometer Cone & plate Parallel plate Capillary	700/S 1500/S 2000/S
8.	FTIR spectroscopy	800/S
9.	Atomic Absorption spectrometer (AAS)	800/S
10.	Thermal conductivity Tester	2000/s
11.	Weatherometer Up to 100 hr 100 to 500 hr Above 500 hr	200/h 150/h 100/h
12.	UTM (3 nos.) Room Temp (23°C) Below Ambient Temp At 50 to 300°C temp	600 1500 1000
13.	Environmental Test Chamber	200/h
14.	Melt compounding with micro injection Jet	1000/B*
15.	Twin Screw Extruder	800/B*
16.	Melt compounding using Haake PolyLab OS	1500/B*
17.	Melt compounding using Two roll mill	500/B*

* Batch size 0.5 to 2.0 kg (Additional batch size will be paid extra 500 Rs)

The Charges listed above do not include cost of consumables or other charges for value added services. Rate of value added services and consumables are listed below. Service Tax at appropriate Govt. rates to be paid by the users.

Universities, Educational institutions are entitled for 50% discount and National Laboratories are entitled for 25% discount, if requested.

Note:

1. As per Govt. rules **Service Tax (10.3%)** will be charged on the analysis charges.
2. An additional charge of **Rs.100/-** is applicable for Fax/ Speed Post to all users getting their result by these means and those who get their results in CD will have to pay **Rs.100/-** extra.
3. Urgent samples on an immediate basis can be done at **double** the above mentioned rates.
4. The analytical data/spectra are provided only for research/ development purposes. These cannot be used as certificates in legal disputes.
5. Developmental test charges are payable in advance, by crossed bank draft in favour of **LARPM, CIPET, Bhubaneswar with Acc no 2977002100006941.**
For transferring fund:Name of Bank- **Punjab National Bank, Branch name-CS Pur, Bhubaneswar, Acc N0- 2977002100006941, IFS code-PUNB0297700 SWIFT code –PUNBIN BBABBN.**
6. *Samples and payment should be sent preferably in the same cover. Separate samples should be sent for different analysis. Samples will not be analyzed till payment is received.*
7. In all correspondence related to analysis our reference number must be mentioned.
8. Radio-active material should be clearly mentioned and handed over personally.
9. Unstable and explosive compounds are not accepted for analysis.
10. Services are rendered to only those users who regularly give us feed-back about the end-use of the results, e.g., thesis, patent, process, publication etc.
11. Research fellows and students are advised to send their application and samples through their Supervisor or Head of Department. The request should be on University /College/Institute letter head.
12. Interpretation of spectra is not undertaken normally. In special cases this service can be provided on payment of extra charges.

All Communications should be addressed to

Mr.Ilangovan
Chief Manager (R & D)
CIPET Corporate
Guindy, Chennai-32
E mail:bdccipet@rediffmail.com