

**Department of Physics**  
**Commercial Testing Services**  
**Rate List**

S.No	Instrument Name Model No.	Activity	Charges	Sample Size	Remarks
1	FTIR (ATR) (Nicolet iS50)	FTIR raw data.	Rs.1000/sample Or Rs. 4500/05 sample	<ul style="list-style-type: none"> <li>• Powder Samples: 1 g</li> <li>• Liquid Sample: 1 ml</li> <li>• Thin Film: 1 cm x 1 cm</li> </ul>	*Additional Rs. 1000/sample will be charged for interpretation of FTIR & ATR spectra
2	Muffle Furnace (BioBase)	Annealing & sintering	Rs. 500/hour/run	• As per capacity of Muffle furnace	• No. of samples per run is as per sample size.
3	Falling ball viscometer (Temperature dependent) (Thermo Fisher Scientific)	Viscosity measurement of liquids and gases	Rs. 500/ sample at room temperature + 400 per temperature	• 60 ml liquid sample.	• Without sample preparation (Additional cost of sample preparation (if required) may be furnished after discussion with lab in charge)
4	Hydraulic Press	Fabrication of pellet	Rs. 100 / pellet	• 2 gram in powder form	
5	Vacuum Spin Coater (Biobase EZ4)	Thin layer formation on substrate	Rs. 200/sample	<ul style="list-style-type: none"> <li>• Small square glass (3 cm x 3 cm)</li> <li>• Round substrate (2"-4" diameter)</li> </ul>	• Substrate will be provided by the customer
6	Ultrasonic Bath	<ul style="list-style-type: none"> <li>• Degassing</li> <li>• Spot cleaning</li> <li>• Dissolution of fluids</li> </ul>	Rs 200 per 30 min cycle	• As per capacity of Muffle furnace	• No of samples in one cycle depends on sample size.

**Procedure**

Payments will be made through the pay order/ bank draft/ direct deposit slip/ cross cheque.

After payment, Analysis Form, sample and proof of payment will be submitted to relevant laboratory or concerned Lab In charge. The Lab In charge will receive the sample and issue approximate date for completion of process and analysis.