

List of charges With effect from 8 th - MAY - 2013. The charges include service tax					
SL.NO	Facility	Industries Large Scale Medium & SSI	National Labs	Educational Institutions	
SPECTROMETRY					
1.	FT-NMR spectrometer Per sample, for each half an hour or less, Extra charges for solvents	¹ H, ¹⁹ F, ³¹ P, ²⁷ Al, ¹¹ B & DEPT	Rs. 2250/-	Rs. 1020/-	Rs. 340/- per Measurement
		¹³ C, ⁷⁷ Se, ¹²⁵ Te, ⁹⁵ Mo, ²⁹ Si, ¹¹⁹ Sn	Rs. 4500/-	Rs. 2030/-	Rs. 680/- per Measurement
		VT - HT	Rs. 2250/-	Rs. 1020/-	Rs. 340/- per Measurement
		VT - LT	Rs. 4500/-	Rs. 2030/-	Rs. 680/- per Measurement
		2D: COSY, HSQC	Rs. 10000/-	Rs. 6000/-	Rs. 2000/- per Measurement
		2D: DQF COSY, HMBC, TOCSY	Rs. 6750/-	Rs. 3040/-	Rs. 1020/- per Measurement
		2D: NOESY, ROESY	Rs. 9000/-	Rs. 4050/-	Rs. 1350/- per Measurement
		Sample Preparation:- CDCL ₃	Rs. 290/-	Rs. 170/-	Rs. 60/-
		Sample Preparation:- DMSO, METHANOL, BENZENE, ACETONE	Rs. 570/-	Rs. 340/-	Rs. 120/-
2.	ESR Spectrometer	Room Temperature (X-Band)	Rs. 1690/-	Rs. 1010/-	Rs. 340/-
		Room Temperature (Q-Band)	Rs. 1970/-	Rs. 1180/-	Rs. 400/-
		Liquid Nitrogen Temperature (X-Band)	Rs. 2250/-	Rs. 1350/-	Rs. 450/-
		Liquid Nitrogen Temperature (Q-Band)	Rs. 2530/-	Rs. 1520/-	Rs. 510/-
		Variable Temperature (-170°C to +200°C Per Temperature) (X-Band)	Rs. 2250/-	Rs. 1350/-	Rs. 450/-
		Variable Temperature (-170°C to +200°C Per Temperature) (Q-Band)	Rs. 2530/-	Rs. 1520/-	Rs. 510/-
		Single Crystal Rotation Per Measurement/Spectrum (X-Band)	Rs. 1410/-	Rs. 850/-	Rs. 280/-
		Single Crystal Rotation Per Measurement/Spectrum (Q-Band)	Rs. 1685/-	Rs. 1010/-	Rs. 340/-
		ENDOR Measurements at VT/ Per Temperature (X-Band)	Rs. 5000/-	Rs. 3000/-	Rs. 1000/-
3.	X-Ray Fluorescence spectrometer Per sample including standardization and estimation for first element	. 3380/- per sample	. 1520/- per sample	Rs. 510/- per sample	
4.	ICP-OES for analysis per sample including standardization for first element	Rs. 2250/- Per Sample for every additional element Rs. 450/- Per Sample ; Sample Digestion charges extra	Rs. 1020/- Per Sample For every additional elements Rs. 210/- Per Sample ; Sample Digestion charges extra	Rs. 340/- Per Sample for every additional elements Rs. 70/- Per Sample ; sample Digestion charges extra	
5.	LIFE TIME SYSTEM	Rs. 2250/- per sample	Rs. 1020/- per sample	Rs. 340/- per sample	
6.	Mass spectrometer (GC-MS) Charges for library search extra. (Pl. contact the operator)	GC-MS (E I) Analysis per sample Rs. 4250/- MS (E I) Analysis per sample Rs. 2000/-	GC-MS (E I) Analysis per sample Rs. 2550/- MS (E I) Analysis per sample Rs. 1200/-	GC-MS (E I) Analysis per sample Rs. 850/- MS (E I) Analysis per sample Rs. 400/-	
7.	Fluorescence spectrometer	Rs. 1960/-per measurement. (ie. Per excitation or emission)	Rs. 880/-per measurement (ie. Per excitation or emission)	Rs. 300/-per measurement (ie. Per excitation or emission)	
8.	FT-RAMAN spectrometer	Rs. 1830/- per sample Rs. 250/- for Sample Preparation	Rs. 820/-per sample Rs. 150/- for Sample Preparation	Rs. 280/-per sample Rs. 50/- for Sample Preparation	
9.	FT-IR spectrometer per spectrum per sample	Rs. 1830/- Per Sample Rs. 250/- for sample Preparation	Rs. 820/- Per Sample Rs. 150/- for Sample Preparation	Rs. 280/- Per Sample Rs. 50/- for Sample Preparation	
10.	UV-VIS-NIR spectrometer per spectrum per sample	Rs. 1530/- per sample	Rs. 690/- per sample	Rs. 230/- per sample	
CRYSTALLOGRAPHY					
11.	Single crystal X-Ray Diffractometer For structure determination charges are extra. (Pl. contact the operator)	Cell Parameters - Rs. 3380/- Cell & Space group- Rs. 4500/- Morphology - Rs. 5620/- Data Collection - Rs. 17760/- Data & Structure- Rs. 29000/-	Cell Parameters - Rs. 1520/- Cell & Space group- Rs. 2030/- Morphology - Rs. 2530/- Data Collection - Rs. 7990/- Data & Structure- Rs. 13100/-	Cell Parameters - Rs. 510/- Cell & Space group- Rs. 680/- Morphology - Rs. 850/- Data Collection - Rs. 2670/-	

					Data & Structure - Rs. 4350/-
IMAGING					
12.	FEI Quanta FEG 200-High Resolution Scanning Electron Microscope	Rs. 5620/- per Sample for SEM image Rs. 8390/- per Sample for SEM image with EDAX data Rs. 10120/- per Sample for SEM image, EDAX data and WDS	Rs. 2530/- per Sample for SEM image Rs. 3750/- per Sample for SEM image with EDAX data Rs. 4560/- per Sample for SEM image, EDAX data and WDS	Rs. 850/- per Sample for SEM image Rs. 1250/- per Sample for SEM image with EDAX data Rs. 1520/- per Sample for SEM image, EDAX data and WDS	
MAGNETOMETRY					
13.	Vibrating Sample Magnetometer	Room Temp	Rs. 4720/- per sample	Rs. 2130/- per sample	Rs. 710/- per sample
		Low Temp	Rs. 11240/- per sample	Rs. 5060/- per sample	M-T (or) M-H at any fixed Low temp @ Rs. 1690/- per sample + Rs. 710/- for every M-H measurement at various fixed temp
		High Temp	Rs. 17310/- per sample	Rs. 7790/- per sample	M-T (or) M-H at any fixed High temp @ Rs. 2600/- per sample + Rs. 710/- for every M-H measurement at various fixed temp
THERMAL ANALYSIS					
14.	DSC (These charges correspond to a standard heating rate 10°k/min)	High Temp RT to 500°C	Heating only Rs. 2700/- per sample Heating and Cooling Rs. 3380/- per sample.	Heating only Rs. 1220/- per sample Heating and Cooling Rs. 1520/- per sample.	Heating only Rs. 410/- per sample Heating and Cooling Rs. 510/- per sample.
		Low Temp -100°C	Heating only Rs. 3380/- per sample Heating and Cooling Rs. 4050/- per sample.	Heating only Rs. 1520/- per sample Heating and Cooling Rs. 1830/- per sample.	Heating only Rs. 510/- per sample Heating and Cooling Rs. 610/- per sample.
15.	TG – DSC (These charges correspond to a standard heating rate 10°k/min)	Temp RT to 1400°C	Rs. 5400/- per sample	Rs. 2430/- per sample	Rs. 810/- per sample
		C _p (Specific heat capacity Measurement) RT to 1400°C	Rs. 16000/- per sample	Rs. 7200/- per sample	Rs. 2400/- per sample