

List of charges With effect from 1st - JUNE - 2015.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	₹. 2290/-	₹. 1040/-	₹. 350/- per Measurement
		¹³ C	₹. 4570/-	₹. 2060/-	₹. 690/- per Measurement
		⁷⁷ Se, ¹²⁵ Te, ⁹⁵ Mo, ²⁹ Si	₹. 4570/-	₹. 2060/-	₹. 690/- per Measurement
		VT - HT	₹. 2290/-	₹. 1040/-	₹. 350/- per Measurement
		VT - LT	₹. 4570/-	₹. 2060/-	₹. 690/- per Measurement
		2D: COSY, HSQC	₹. 4570/-	₹. 2060/-	₹. 690/- per Measurement
		2D: DQFCOSY, HMBC, TOCSY	₹. 6850/-	₹. 3090/-	₹. 1040/- per Measurement
		2D:NOESY/ROESY	₹. 10150/-	₹. 6090/-	₹. 2030/- per Measurement
		Solvent Charges:- CDCl ₃	₹. 290/-	₹. 170/-	₹. 60/-
		Solvent Charges:- DMSO, METHANOL, BENZENE, ACETONE	₹. 570/-	₹. 340/-	₹. 120/-
2.	ESR Spectrometer	Room Temperature (X-Band)	₹. 1720/-	₹. 1030/-	₹. 350/-
		*Room Temperature (Q-Band)	₹. 2800/-	₹. 2000/-	₹. 1210/-
		Liquid Nitrogen Temperature	₹. 2290/-	₹. 1370/-	₹. 460/-

		(X-Band)			
		Liquid Nitrogen Temperature (Q-Band)	₹. 2570/-	₹. 1550/-	₹. 520/-
		Variable Temperature (-170°C to +200°C Per Temperature) (X-Band)	₹. 2290/-	₹. 1370/-	₹. 460/-
		*Variable Temperature (-170°C to +200°C Per Temperature) (Q-Band)	₹. 33700/-	₹. 2370/-	₹. 1320/-
		Single Crystal Rotation Per Measurement/Spectrum (X-Band)	₹. 1440/-	₹. 870/-	₹. 290/-
		Single Crystal Rotation Per Measurement/Spectrum (Q-Band)	₹. 1710/-	₹. 1030/-	₹. 350/-
		ENDOR Measurements at VT/ Per Temperature (X-Band)	₹. 5080/-	₹. 3050/-	₹. 1020/-
3.	X-Ray Fluorescence spectrometer Per sample including standardization and estimation for first element	₹. 3430/- per sample Instrument Under Not Working		₹. 1550/- per sample	₹. 520/- per sample
4.	ICP-OES for analysis per sample including standardization for first element	₹. 2290/- per sample for every additional element ₹. 450/-; sample Digestion charges extra		₹. 1040/- per sample For every additional elements ₹. 210/-; Sample Digestion charges extra	₹. 350/-per sample for every additional elements ₹. 70/-; sample Digestion charges extra
5.	LIFE TIME SYSTEM	₹. 2290/- per sample		₹. 1040/- per sample	₹. 350/-per sample
6.	Mass	GC-MS (E I) Analysis per sample		GC-MS (E I)	GC-MS (E I)

	spectrometer (GC-MS) Charges for library search extra. (Pl. contact the operator)	₹. 4320/- MS (E I) Analysis per sample ₹. 2030/-	Analysis per sample ₹. 2590/- MS (E I) Analysis per sample ₹. 1220/-	Analysis per sample ₹. 870/- MS (E I) Analysis per sample ₹. 410/-
7.	Fluorescence spectrometer	₹. 1990/-per measurement. (ie. Per excitation or emission)	₹. 900/-per measurement (ie. Per excitation or emission)	₹. 310/-per measurement (ie. Per excitation or emission)
8.	FT-RAMAN spectrometer	₹. 2110/- per sample [Included Preparation charges]	₹. 990/-per sample [Included Preparation charges]	₹. 340/-per sample [Included Preparation charges]
9.	FT-IR spectrometer per spectrum per sample	₹. 2110/- Per Sample [Included Preparation charges]	₹. 990/- Per Sample [Included Preparation charges]	₹. 340/- Per Sample [Included Preparation charges]
CRYSTALLOGRAPHY				
10.	Single crystal X-Ray Diffractometer For structure determination charges are extra. (Pl. contact the operator)	Cell Parameters - ₹. 3430/- Cell & Space group - ₹. 4570/- Morphology - ₹. 5710/- Data Collection - ₹. 18020/- <u>Data & Structure - ₹. 29430/- *</u>	Cell Parameters - ₹. 1550/- Cell & Space group - ₹. 2060/- Morphology - ₹. 2570/- Data Collection - ₹. 8110/- <u>Data & Structure - ₹. 13300/- *</u>	Cell Parameters - ₹. 520/- Cell & Space group - ₹. 690/- Morphology - ₹. 870/- Data Collection - ₹. 2710/- <u>Data & Structure - ₹. 4420/- *</u>
IMAGING				
11.	FEI Quanta FEG 200-High Resolution Scanning Electron	₹. 5710/- per Sample for SEM image ₹. 8520/- per Sample for SEM	₹. 2570/- per Sample for SEM image ₹. 3810/- per	₹. 870/- per Sample for SEM image ₹. 1270/- per

	Microscope	image with EDAX data ₹. 10270/- per Sample for SEM image, EDAX data and WDS	Sample for SEM image with EDAX data ₹. 4630/- per Sample for SEM image, EDAX data and WDS	Sample for SEM image with EDAX data ₹. 1550/- per Sample for SEM image, EDAX data and WDS
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MAGNETOMETRY

12.	Vibrating Sample Magnetometer	Room Temp	₹. 4790/- per sample	₹. 2170/- per sample	₹. 720/- per sample
		Low Temp	₹. 11410/- per sample	₹. 5140/- per sample	M-T (or) M-H at any fixed Low temp @ ₹. 1720/- per sample + ₹. 720/- for every M-H measurement at various fixed temp
		High Temp	₹. 17570/- per sample	₹. 7910/- per sample	M-T (or) M-H at any fixed High temp @ ₹. 2640/- per sample + ₹. 720/- for every M-H measurement at various fixed temp

THERMAL ANALYSIS

13.	DSC (These charges correspond to a standard heating rate 10°k/min)	High Temp RT to 500°C	Heating only ₹. 2740/- per sample Heating and Cooling ₹. 3430/- per	Heating only Rs. 1240/- per sample Heating and Cooling ₹. 1550/- per sample.	Heating only ₹. 420/- per sample Heating and Cooling ₹. 520/- per sample.
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			sample.		
		Low Temp -100°C	Heating only ₹. 3430/- per sample Heating and Cooling ₹. 4110/- per sample.	Heating only ₹. 1550/- per sample Heating and Cooling ₹. 1860/- per sample.	Heating only ₹. 520/- per sample Heating and Cooling ₹. 620/- per sample.
14.	TG – DSC (These charges correspond to a standard heating rate 10°k/min)	Temp RT to 1400°C	₹. 5480/- per sample	₹. 2470/- per sample	₹. 830/- per sample
		C_p (Specific heat capacity Measurement) RT to 1400°C	₹. 16240/- per sample	₹. 7310/- per sample	₹. 2440/- per sample