

Analysis charges (in INR) for using instruments in CIF-2025

S. No.	Instrument Name	Internal (per sample/per hour)	Academia/R&D (per sample/per hour)	Industry (per sample/per hour)
1	Powder XRD (Bruker D8 Advance)	150 per sample 300 per hour	500 per sample 1000 per hour	1000 per sample 1200 per hour
2	GC*-MS/MS (Shimadzu TQ8040)	750 (Qualitative) /1500 (Quantitative)/3000 (per hour)	1600(Qualitative)/ 4100(Quantitative)/ 10000(per hour)	2000 (Qualitative)/5000(Quantitative)/15000 (per hour)
3	GC with FID*	500 (Qualitative)/1000 (Quantitative)/2000 (per hour)	1100(Qualitative)/ 2100(Quantitative)/ 5000(per hour)	1500 (Qualitative)/3000(Quantitative)/7000 (per hour)
4	MS/MS	500	900	1200
5	FE-SEM [#] coupled with EDS detector, Au Sputter Coater (FE-SEM: JEOL JSM-7610F Plus EDS: OXFORD EDS LN2 free, Au Coater: JEOL Smart Coater)	500 (FESEM), 750 (FESEM+EDAX+ mapping)	1100(FESEM),1500 (FESEM+EDAX), 1900(FESEM+EDAX+ mapping) (1100+500+300) 150 (Gold Coating)	2000(FESEM), 3000 (FESEM+EDAX), 4000 (FESEM+EDAX+ mapping)
6	Electrochemical work station** (Metrohm: Multi-Channel Autolab AUT.MAC.204)	100 /200 (per hour)	350 per sample /800(per hour)	500 per sample/1200 (per hour)

7	Fluorescence Spectrometer (Perkin Elmer LS6500)	50	150 per scan/ 800 per hour (<u>unlimited Scanning for 1 sample</u>)	500 per scan/ 1200 per hour (<u>unlimited Scanning for 1 sample</u>)
8	Centrifuge (Eppendorf Refrigerated Centrifuge 5804R)	100 (per hour)	300(per hour)	500 (per hour)
9	Thermogravimetric analyzer (Perkin Elmer TGA 4000)	150 (Extra INR100/100 °C rise in temperature after 600° C up to 1000° C, @ 10 °C/min)	600(Extra INR 200/100°C rise in temperature after 600° C up to 1000°C,@10 °C/min)	1000 (Extra INR 300/100 °C rise in temperature after 600° C up to 1000°C, @ 10°C/min)
10	Differential scanning calorimeter ^{##} (Perkin Elmer DSC 6000)	200 per hour (RT to 450°C, @ 10° C/min)	700 per hour (RT to 450°C, @10° C/min)	1200 per hour (RT to 450°C, @ 10°C/min)
		300 per hour (RT to -70 °C, @ -10 °C/min)	800 per hour (RT to -70°C, @-10 °C/min)	1500 per hour (RT to -70° C, @ -10 °C/min)
11	Density meter (Axis Density Meter with analytical balance ALN-220)	50	200 per sample	500 per sample
12	Viscometer (LABMAN model of LMDV-200 with small sample adaptor, low viscosity adaptor and software.)	50	250 per sample	500 per sample

13	Particle size and Zeta potential analyzer (Malverrn Zetasizer Nano ZS90)	100	600 per sample	1200 per sample
14	FTIR with Diamond ATR & Pellet accessories (Perkin Elmer Spectrum 2)	50	300 per sample	700 per sample
15	HPLC* with RI and PDA detector (Shimadzu Prominenece I LC2030 Plus)	500 (Qualitative)/1000 (Quantitative)/3000 (per hour)	1100 (Qualitative)/2100(Quantitative)/5000 (per hour)	2000 (Qualitative)/4000(Quantitative)/10000 (per hour)
16	UV-VIS	50 per sample	150 per sample	300 per sample
17	Distilled Water (milli-Q water)	150 per liter	300 per liter	500 per liter
18	Inductively Coupled Plasma Optical Emission Spectrometry (PerkinElmer ICP-OES Optima 8000)	500/- per sample (upto 1 element) and + 150/- extra for additional element Note: Standards will be provided by the user only. 750/- per sample will be charged extra for sample preparation (i.e., acid digestion). Calibration	**850/- per sample (upto 1 element) and + 175/- extra for additional element Note: Standards will be provided by the user only. 750/- per sample will be charged extra for sample preparation (i.e., acid digestion). Calibration	**1500/- per sample (upto 1 element) and + 200/- extra for additional element Note: Standards will be provided by the user only. 1000/- per sample will be charged extra for sample preparation (i.e., acid digestion). Calibration

		charges of standards are extra.	charges of standards are extra.	charges of standards are extra.
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Note:

1	If instrument run time is more than 30 minutes for single sample analysis then hourly basis charges will be applicable.
2	For external users, @ 18.00 % GST or above (as per the prevailing norms) will be applicable in the above rate list.
3	Please add courier and CD charges of INR 100 (conditions applied).
4	* Specific column must be provided by user if required.
5	For Qualitative analysis, Reference Standard must be provided by user only.
6	The user should provide standard/reference (compound/solution) for the analysis.
7	**The user should provide standard/reference compound (solution)/working electrodes and if someone need glassy carbon electrode from CIF, then INR300 will be charged extra for electrode, if no. of samples >10 then INR150 extra for electrode will be applicable and binder used for it. For impedance measurement, the user is expected to provide fully prepared samples (e.g. pellets having silver contacts). Maximum two samples per hour can be run.
8	## Alumina crucible will be used.
9	After successful submission of filled sample requisition form and payment, the samples should reach CIF within seven working days along with a copy of acknowledgement receipt.
10	#For FESEM each sample a 30 min time will be provided to the users for analysis. a) Total time slot for the user will be booked on number of sample basis. b) More time required than allotted slot for the Analysis on the request of Users will be charges. Rate for excess time usage upto 30 min is equivalent to one sample analysis charge of which booking has been made. c) Up to 30 min extra can be given per allotted slot. d) For liquid samples, they should be provided in the form of thin film having dimensions not more than 1cm*1cm*2mm i.e length, breadth and thickness respectively. e) If thin film is prepared by CIF, charges will be INR 150 for Internal Users and INR 300 for External User.

11	No Refund will be made if User submits Magnetic/Radioactive/Explosive/Chemically Active/Volatile matter. Such samples will not be analyzed.
12	Double distilled or Mili-Q water will be provided maximum of 5L per requisition form.
13	Sample requisition form for each instrument is available in the form of annexure.