

Revised Analytical Charges of the instruments

Analytical Charges of the instruments have been revised in the meeting of Central Instrumentation Centre held on 23.07.2025.

Revised rates for different instruments:

SL No	Name of the instruments / facility	Rate of Fees / user charges
1	Field Emission Scanning Electron Microscope with EDS & Sputter Coater, Model – Sigma 300, Carl Zeiss	Rate per hour: Industry: Rs 5000 National Laboratory: Rs 4000 Educational Institutes (including universities): Rs 3000 Tripura University: Rs 500
2	400 MHz NMR	See Annexure-I
3	Liquid Nitrogen Plant Model: StirLITE, Stirling Cryogenics	Tripura University user: free Rs 200 / Litre for outside Tripura University
4	GSV4004B GPS Ionospheric Scintillation & TEC Monitor (GISTM)	Rs 500 per month
5	Lifetime Spectrofluorometer Model: FluroLog-3, Horib	Tripura University user: Rs 200 per sample Outside Tripura University: Rs 2000 / sample
6	Immunofluorescence Microscope (Zeiss)	Tripura University user: free Outside Tripura University: Rs 500 / sample
7	Chemidoc	Tripura University user: free Outside Tripura University: Rs 500 / sample

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Annexure-I

Cost of NMR experiment:

Type of nuclei	Rate of experiment for Academia	Rate of experiment for Industries
^1H nucleus	Rs 500/-per sample*	Rs 1000/-per sample*
^{19}F nucleus	Rs 500/-per sample*	Rs 1000/-per sample*
^{31}P nucleus	Rs 500/-per sample*	Rs 1000/-per sample*
^{13}C nucleus	Rs. 1000/- per sample* per 1h and Rs. 500/- per additional hour	Rs. 2000/- per sample* per 1h and Rs. 500/- per additional hour
DEPT-45, -90 and 135 experiment	Rs. 3000/-**	Rs. 6000/-**
2D experiment	Rs. 1500/- per sample*** per hour and Rs. 500/- per additional hour	Rs. 3000/- per sample*** per hour and Rs. 500/- per additional hour

* Experiment in CDCl_3 only. Additional Rs. 500/- to be added for DMSO-d_6 or acetone d_6 ;

Experiment in other deuterated solvent is also possible with same cost as CDCl_3 but in that case solvent should be provided by the user.

** Experiment for basic ^{13}C spectra is required

*** Basic 1D experiment is required, rates indicate per experiment.

The above rates shall not applicable for the internal users if they submitted the sample solution with their own solvent and NMR tube

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