

### Revised CIF Instrument charges for external users

S.NO	Instrument Name		Universities/ Colleges Charges (Rs)	Govt. Institutions/ National labs Charges (Rs)	Revised Industry Charges (Rs)
1	MASS (Waters) (per sample) Jadavpur Campus	El and ESI	450	600	2000
		MS-MS	450	600	2000
		HRMS	600	850	3000
2	MALDI (SCIEX) (charges per sample) Jadavpur Campus	MS	500	750	2000
		MS-MS	1500	2000	4000
3	ORBITRAP (Thermo Fisher Scientific) (charges per sample) True campus	MS	800	940	3360
		MS-MS	1200	1400	4800
		LC-MS	1400/hour	2400/hour	9600/hour
4	X-Ray Small Molecules per sample/ per 7 hours (Bruker D8 VENTURE) Jadavpur Campus	Room Temperature	1500 (small molecule)	1800(small molecule)	7200(small molecule)
		Low Temperature	2000	2400	9600
5	CHN Analyzer (Perkin Elmer) Jadavpur Campus		1000/sample	1500/sample	4000/sample

6	NMR 400 MHz (JEOL Ltd.) Jadavpur Campus	<p>1. Proton N M R including solvent charges (mainly, CDCl<sub>3</sub>, CD<sub>3</sub>OD, DMSO-d<sub>6</sub>, D<sub>2</sub>O)</p> <p>2. D<sub>2</sub>O Exchange</p> <p>3. <sup>13</sup>C &amp; other X nuclei &amp; 2D N M R or Special 1D N M R experiments.</p>	<p>400 Per sample and per ½ hours: Other solvent charges are extra</p> <p>500 for each additional per ½ hours</p> <p>1000 for each additional per ½ hours</p>	<p>600 Per sample and per ½ hours: Other solvent charges are extra</p> <p>700 for each additional per ½ hours</p> <p>1000 for each additional per ½ hours</p>	<p>2400 Per sample and per ½ hours: Other solvent charges are extra</p> <p>2400 for each additional per ½ hours</p> <p>1500 for each additional per ½ hours</p>
7	NMR 600 MHz (BRUKER) Jadavpur Campus	<p>1. Proton N M R including solvent charges (mainly, CDCl<sub>3</sub>, CD<sub>3</sub>OD, DMSO-d<sub>6</sub>, D<sub>2</sub>O)</p> <p>2. D<sub>2</sub>O Exchange</p> <p>3. <sup>13</sup>C 2D NMR</p>	<p>600 Per sample/ per hour</p> <p>800 Per sample/ per Hour</p> <p>1200 Per sample/ per hour</p>	<p>1100 Per sample/per hour</p> <p>1400 Per sample/ per hour</p> <p>2000 Per sample/ per hour</p>	<p>2500 Per sample/ per hour</p> <p>2700 Per sample/ per hour</p> <p>4000 Per sample/ per hour</p>

S. NO	Instrument Name	Universities/College Charges (Rs.)	Revised University /National labs Charges (Rs.)	Revised Industry Charges (Rs.)
8	FT-IR (Bruker) Jadavpur Campus	325/Sample	360 / Sample	1200/ Sample
9	Raman Spectrometer (Technos Instruments) Jadavpur Campus	1000/ Sample	2000/ Sample	4800/ Sample
10	BD LSR Fortessa Cell Analyzer (5 laser) Jadavpur Campus	1000/hour	2000/ hour	3800 /hour
11	BD LSR Fortessa Cell Analyzer (3 laser) Jadavpur Campus	1000/ hour	2000/ hour	3800 / hour
12	Atomic Force Microscope (Agilent) Jadavpur Campus	1100/ Sample	2200/Sample	8500/Sample
13	Atomic Force Microscope (Oxford instruments) Jadavpur Campus	1100/ Sample	2200/Sample	8500/ Sample
14	Confocal Imaging Facility (Zeiss LSM880) Jadavpur Campus	1000/ Hour	1500/Hour	3000/Hour
15	Confocal Super Resolution Imaging Facility (STED, Leica TCS SPD) Jadavpur Campus	1000/ Hour	1500/hour	3000/ hour
16	Animal Imaging facility(IVIS, Perkin Elmer) Ivis Luminia XRMS SeriesIII(Perkin Elmer) True Campus	1100/hour (only imaging)	1500/hour (only imaging)	4000/hour (only imaging)
17	Centrifuges Facility (Thermo Scientific High Speed, 18000 RPM) Jadavpur Campus	120/Sample  (Max 50 ml)	200/Sample  (Max 50 ml)	500/ Sample  ( Max. 50 ml)
18	HPLC (Agilent) Jadavpur Campus (per hour/sample)	600 /hour	850/hour	2400/hour
19	HPLC (Waters) Jadavpur Campus (per hour/sample)	600 /hour	850/hour	2400/hour

20	HPLC (Analytical) True Campus (per hour/sample)	600 /hour	850/hour	2400/hour
21	Iso Thermal Titration Calorimeter (ITC, Malvern Panalytical) Jadavpur Campus	750/sample	900/sample	3600/ Sample
22	Circular Dichroism Spectro polarimeter (Jasco) Jadavpur Campus	400/sample	550/Sample	2000/ Sample
23	Circular Dichroism Spectro polarimeter (CD) (Biologics) Jadavpur Campus	400/Sample	500/Sample	2000/Sample
24	LYOPHILIZER (Virtis) Jadavpur Campus	120/Tube (25 ml)	200/Tube (25 ml)	480/Tube (25 ml)
25	Liquid Scintillation Counter (Perkin elmer) Jadavpur Campus	200/Tube	400/Tube	500/Tube
26	Ultra Centrifuges (Thermo) Jadavpur Campus	200/Tube (Maximum 4 hr)	400/Tube (Maximum 4 hr)	800/Tube (Maximum 4 hr)
27	DLS ( Dynamic Light Scattering, Malvern) Jadavpur Campus	350/Sample	400/Sample	1440/Sample
		400/Sample	600/Sample	2400/Sample
28	GC-MS (Shimadzu) Jadavpur Campus. (GC- method for the particular running sample should be provided by the users)	400/Sample	500/Sample	2000/Sample
29	UV-Vis Spectrometry (Jasco) Jadavpur Campus	100/Sample	200/Sample	400/Sample
30	Chemie-dock-Gel-Dock bio system (Invitrogen) Jadavpur Campus	200/for 30 min	300/for 30 min	800/for 30 min
31	Fluorescence Correlation Spectroscopy (ISS) Jadavpur Campus	800 per sample (w/o consumables)	1000/- per sample (w/o consumables)	4000/-per sample (w/o consumables)
32	Extracellular Flux Analyzer (Sea Horse, Agilent) Jadavpur Campus	2000/- per plate run (w/o consumables)	2200/- per plate run (w/o consumables)	8800/- per plate run (w/o consumables)
33	Bio-layer Interferometry (PALL ForteBio, BLI) Jadavpur Campus	4000/-per sample for 2 hrs. 1700/- for additional	5200/- per sample for 2 hrs.	10400/- per sample for 2 hrs. 3300/- for

		samples	2000/- for additional samples	additional samples
34	Near Infrared Spectroscopy (NIR, HORIBA) Jadavpur Campus	i.600/ hr for Fluorescence lifetime analysis.  ii.600 /hr for Fluorescence Anisotropy  iii.600/hr for NIR measurement /sample  iv.450 plate (w/o consumables) Fluorescence measurement in 96/384 well format	i. 750/hr for Fluorescence lifetime analysis  ii. 750/hr for Fluorescence Anisotropy  iii.750/hr for NIR measurement /sample  iv. 500/plate (w/o consumables) Fluorescence measurement in 96/384 well format	i. 1500/hr for Fluorescence lifetime analysis  ii. 1500/hr for Fluorescence Anisotropy  iii. 1500/hr for NIR Measurement /sample  iv. 1000/ plate (w/o consumables) Fluorescence measurement in 96/384 well format
35	DSC ( Malvern Panalytical) Differential Scanning Calorimeter) Jadavpur Campus	1000/Sample	1200/ Sample	4800/ Sample
36	Z326K Centrifuge (Hermle) True campus	100 /Tube(25ml)	120/Tube ( 25 ml)	480/Tube ( 25 ml)
37	Scanvac Coolsafe (SpeedVac FREEZE DRYER, LoboGene) True campus	100/Tube(25 ml)	120/Tube ( 25 ml)	480/Tube ( 25 ml)
38	Bio-Rad T100 ThermalCycler True campus	100/Tube(25ml)	120/Tube ( 25 ml)	480/Tube ( 25 ml)
39	BD LSR Fortessa Cell Analyzer True campus	1000/ hour	2000/ hour	3800 / hour
40	Confocal Microscope (Zeiss) True campus	1000 /hour	1500/hour	3000/hour
41	BD FACS Aria III (Cell sorter) True campus	1400/hour	2200/ hour	4000/ hour
42	BIO-RAD Chemi-Doc Imaging System True campus	150/for 30 min	250/for 30 min	800/for 30 min
43	Refrigerated Incubator Shaker (Thermo Scientific) True campus	100/Sample	150/Sample	480/sample

44	Illumina Miseq (NGS system) True campus	i. 6000 for 16s rRNA (v3-v4) Microbiome Sequencing  ii. For target sequencing human for 15 gb data (sequencing run & data analysis only)- Please contact for price  iii. For 15GB data –Whole Genome Sequencing for microbes/ viruses.- Please contact for price	i. 6000 for 16s rRNA (v3-v4) Microbiome Sequencing  ii. For target sequencing human for 15 gb data (sequencing run & data analysis only) - Please contact for price  iii. For 15GB data –Whole Genome Sequencing for microbes/ viruses - Please contact for price	i. 9000 for 16s rRNA (v3-v4) Microbiome Sequencing  ii. For target sequencing human for 15 gb data (sequencing run & data analysis only) - Please contact for price  iii. For 15GB data –Whole Genome Sequencing for microbes/ viruses- Please contact for price
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**Important notes:**

1. The committee propose to revise the charges of the instrument based on high maintenance cost of the instrument including spare parts and consumables. The committee make the usage charges competitive with the neighbouring institutes and other national institutes of repute.
2. 18% GST will be charged alongwith the proposed usage charges for each instrument.
3. For Internal users there will be no charges.
4. Charges mentioned are subjected to revision from time to time, upon approval by the competent authority.
5. The charges for some additional (new instruments) has been fixed and incorporated in the list.