

Charges for the users of the equipment's maintained at USIC♦

S No	Name of the Equipment	Status	Charges in Rs.			
			Internal	External (Govt. Colleges and Universities) Including 18% GST	External (Private Institutions) Including 18% GST	External (Industries etc.) Including 18% GST
1	BET Surface Area Analyser	Working	1000 per sample	2360 per sample	2950 per sample	3540 per sample
2	CHNSO elemental analysis [#]	Working	195 per sample	1180 per sample	1475 per sample	2360 per sample
3	Circular Dichroism Spectroscopy	Working	65 per hr	295 per hr	354 per hr	590 per hr
4	Confocal Microscopy	Working	325 per hr	1180 per hr	1475 per hr	2360 per hr
5	Dynamic Mechanical Analyser (DMA)	Working	800 per hr	1416 per hr	1770 per hr	2950 per hr
6	Electrochemical Workstation	Working	150 per hour	354 per hour	443 per hour	590 per hour
7	Electron Spin Resonance	Working	500 per hour/ 150 per sample	885 per hour/ 354 per sample	1062 per hour/ 443 per sample	1180 per hour/ 826 per sample
8	FESEM with EDAX (with coating)	Working	650 per hr	2360 per hr	2950 per hr.	4720 per hr
9	Flow Cytometer Cell Sorter	Working	50 for Analysis 100 for Cell sorter	59 for Analysis 118 for Cell sorter	118 for Analysis 236 for Cell sorter	354 for Analysis 590 for Cell sorter
10	FTIR spectroscopy	Working	per sample/160per hr	708 per hr.	885 per hr.	1416 per hr.
11	High resolution mass spectrometer (HRMS)	Working	100 per sample 500/sample for LCMS	1180 per sample 1770/sample for LCMS	1475 per sample 2242/sample for LCMS	2360 per sample 2832/sample for LCMS
12	High Resolution Transmission Electron Microscope	Working	500 per hour for Imaging , 400 per hour for SAD/EDS	1770 per hour for Imaging 944 per hour for SAD/EDS	2360 per hour for Imaging and 1416 per hour for SAD/EDS	2950 per hour for Imaging, 3124 per hour for SAD/EDS
13	Impedance Spectroscopy	Working	130 per hr	590 per hr	738 per hr	1770 per hr
14	Inductively Coupled Plasma Mass Spectrometer (ICPMS)	Working	500/sample (Liquid) 600/ sample (Solid) Upto 3 elements 50 each per element	1180/sample (Liquid) 1770/ sample (Solid) Upto 3 elements 59 each per element	1475/sample (Liquid) 2124/ sample (Solid) Upto 3 elements 59 each per element	2360/sample (Liquid) 2950/ sample (Solid) Upto 3 elements 59 each per element
15	Laser Based Photoluminescence Spectroscopy	Working	50 per sample	354 per sample	375 per sample	472 per sample

16	LN ₂ (Supply)	Purchased from outside	20 per liter	Not for external users		
17	Millipore	Working	Deionized: 10/lit Ultra-pure: 25/lit	Not for external users		
18	Modulated Differential Scanning Calorimetry (MDSC)	Working	325 per hr	1770 per hr	2124 per hr	3540 per hr
19	NMR (Liquid) (Proton, Carbon* & multi nuclei*)	Working	10/sample for proton 20/sample for carbon	295/sample for proton 590/sample for carbon	354/sample for proton 708/sample for carbon	472/sample for proton 826/sample for carbon
20	NMR MAS (Solid)	Not Working	325 per hr	1770 per hr	2242 per hr	2950 per hr
21	Particle Size Analyzer	Working	200 per Sample	1180 per Sample	1475 per sample	2360 per Sample
22	Powder XRD*	Working	20 per sample (@RT) or 80 per hr 325 per hr (LT)	590 per sample (@RT) 1180 per hr (LT)	738 per sample (@RT) 1475 per hr (LT)	1180 per sample(@RT) 2360 per hr (LT)
23	Raman Spectroscopy with temperature variation (Charges for RT)	Working	80 per sample/ 390 per hr. for RT	1416 per hr for RT	1770 per hr for RT	2950 per hr for RT
24	Scanning electron Microscope (SEM) with EDAX (with coating)	Working	325 per hr	1770 per hr	2124 per hr	2950 per hr
25	Single Crystal X-Ray Diffractometer	Working	1000 sample	3540 sample	4425 sample	
26	TGA-DTA	Working	65 per hr	354 per hr	443 per hr	1180 per hr
27	Ultracentrifuge	Working	65 per hr	Not for external users		
28	Up Conversion Spectroscopy	Working	130 per hr	1180 per hr	1475 per hr	2360 per hr
29	UV Vis Spectrophotometer Liquid	Working	40 per sample	295 per sample	354 per sample	413 per sample
30	UV Vis Spectrophotometer Solid	Working	50 per sample	354 per sample	443 per sample	472 per sample
31	Vibrating Sample Magnetometer	Working (RT)	325 per hr	1180 per hr	1475 per hr	2360 per hr
32	X-Ray Photoelectron Spectrometer (XPS)	Working	300/ for 5 elements 50 extra for each element 600/ depth profile 1000/ hr for UPS,Reels,ISS,Heating/cooling XPS	1770/ for 5 elements 100 extra for each element 2360/ depth profile 2360/ hr for UPS,Reels,ISS,Heating/cooling XPS	2360/ for 5 elements 150 extra for each element 2950/ depth profile 2950/ hr for UPS,Reels,ISS,Heating/cooling XPS	3540/ for 5 elements 150 extra for each element 4130/ depth profile 4130/ hr for UPS,Reels,ISS,Heating/cooling XPS
33	Simultaneous Thermal Analysis (STA)	Working	300/hr for RT to 1500C 500/hr for -120 to 675 C	590/hr for RT to 1500C 885/hr for -120 to 675 C	767/hr for RT to 1500C 1180/hr for -120 to 675 C	1180/hr for RT to 1500C 1770/hr for -120 to 675 C

♦ These charges are subject to correction and USIC has every right to revise the charges depending upon the running cost of the instrument.

***Carbon & multi nuclei:** The charges mentioned above corresponds to one sample with 512 scans. More than 512 scans, charges would be counted with multiplication (e.g.: 512, 1024, 1536 and so on)

#includes consumables

*Typical scan range $2\theta = 10$ to 80° with 2° per minute