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.	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
2.	FTIR spectroscopy	Working	30 per sample/160 per hr	708 per hr.	885 per hr.	1416 per hr.
3.	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
4	MAS NMR (Solid)	Working	325 per hr	1770 per hr	2242 per hr	2950 per hr
5.	LN_2 (Supply)	Purchased from outside	20 per liter		Not for external users	
6.	Vibrating Sample Magnetometer	Working (RT)	325 per hr	1180 per hr	1475 per hr	2360 per hr
7.	Scanning electron Microscope (SEM) with EDAX (with coating)	Working	325 per hr	1770 per hr	2124 per hr	2950 per hr
8.	CHNSO elemental analysis#	Working	195 per sample	1180 per sample	1475 per sample	2360 per sample
9.	Circular Dichroism Spectroscopy	Working	65 per hr	295 per hr	354 per hr	590 per hr
10	Up Conversion Spectroscopy	Working	130 per hr	1180 per hr	1475 per hr	2360 per hr
11	Confocal Microscopy	Working	325 per hr	1180 per hr	1475 per hr	2360 per hr
12	Ultracentrifuge	Working	65 per hr		Not for external users	
13	Impedance Spectroscopy	Working	130 per hr	590 per hr	738 per hr	1770 per hr
14.	FESEM with EDAX (with coating)	Working	650 per hr	2360 per hr	2950 per hr.	4720 per hr
15	TGA-DTA	Working	65 per hr	354 per hr	443 per hr	1180 per hr

16	Modulated Differential Scanning Calorimetry (MDSC)	Working	325 per hr	1770 per hr	2124 per hr	3540 per hr
17	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)
18	High resolution mass spectrometer (HRMS)	Working	65 per sample	944 per sample	1180 per sample	1770 per sample
19	Millipore	Working	Deionized: 10/lit Ultra-pure: 25/lit		Not for external users	
20	Single Crystal X-Ray Diffractometer	Working	1000 sample	3540 sample	4425 sample	
21	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
22	UV Vis Spectrophotometer Liquid	Working	40 per sample	295 per sample	354 per sample	413 per sample
23	UV Vis Spectrophotometer Solid	Working	50 per sample	354 per sample	443 per sample	472 per sample
24	BET Surface Area Analyser	Working	1000 per sample	2360 per sample	4950 per sample	3540 per sample
25	Dynamic Mechanical Analyser (DMA)		800 per hr	1416 per hr	1770 per hr	2950 per hr
26	Laser Based Photoluminescence Spectroscopy	Working	50 per sample	354 per sample	375 per sample	472 per sample
27	Electrochemical Workstation	Working	150 per hour	354 per hour	443 per hour	590 per hour
28	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
29	Particle Size Analyzer	Working	200 per Sample	1180 per Sample	1475 per sample	2360 per Sample
30	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
31	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

♦ 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 2θ = 10 to 80° with 2° per minute