

**Central Instrument Facility , IIT(BHU), Varanasi- 221005**

**Consumable Charges Sheet**

Sl. No.	Name of Equipment	Campus Users		Educational and Govt. R&D Labs & Consultancy Project of IIT (BHU)	Industry
		IIT (BHU), Varanasi Users	BHU, Varanasi		
		Student/ Faculty	Student/ Faculty	Student/ Faculty	
1	<b>A TEM</b>	600/- Per Hour	2400/- Per Hour	4000/- Per Hour	10000/- Per Hour
2	<b>HR-SEM</b>	300/- Per Hour	2200/- Per Hour	4000/- Per Hour	8000/- Per Hour
3	<b>EBS D</b>	300/- Per Hour	2000/- Per Hour	4000/- Per Hour	8000/- Per Hour
4	<b>SEM</b>	250/- Per Hour	1500/- Per Hour	3000/- Per Hour	6000/- Per Hour
5	<b>Table Top SEM</b>	250/- Per Hour	1500/- Per Hour	3000/- Per Hour	6000/- Per Hour
6	<b>EDS</b>	250/- Per Hour	1500/- Per Hour	3000/- Per Hour	6000/- Per Hour
7	<b>Bench Top XRD</b>	100/- Per Hour	1000/- Per Hour	2000/- Per Hour	6000/- Per Hour
8	<b>HR XRD</b>	250/- Per Hour	1500/- Per Hour	3000/- Per Hour	8000/- Per Hour
9	<b>MPMS</b>	100/- Per Hour	2000/- Per Sample Per Experiment	4000/- Per Sample Per Experiment	8000/- Per Sample Per Experiment
10	<b>SPM</b>	300/- Per Hour	1700/- Per Hour	3000/- Per Hour	4000/- Per Hour
11	<b>Ion Chromatography</b>	250/- Per Hour	2200/- Per Hour	4000/- Per Hour	8000/- Per Hour
12	<b>Tribometer / Profilometry</b>	200/- Per sample	1000/- Per Sample	2000/- Per Sample	6000/- Per Sample
13	<b>PCB Prototype</b>	800/- Per PCB with Material below 4"x6"	3000/- Per Sample without Materials	4000/- Per Sample without Materials	8000/- Per Sample without Materials
14	<b>FTIR in KBr</b>	100/- Per Sample	700/- Per Sample	700/- Per Sample	1500/- Per Sample
	<b>FTIR in ATR</b>	50/- Per Sample	400/- Per Sample	400/- Per Sample	900/- Per Sample
15	<b>DSC in Low Temp</b>	250/- Per Hour	1000/- Per Hour	1500/- Per Hour	2500/- Per Hour
	<b>DSC in High Temp</b>	200/- Per Hour	800/- Per Hour	1200/- Per Hour	2000/- Per Hour
16	<b>TGA</b>	200/- Per Hour	800/- Per Hour	1200/- Per Hour	2000/- Per Hour
17	<b>NMR H<sup>1</sup>/P<sup>31</sup>/F<sup>9</sup>/D<sup>2</sup>O Exchange</b>	<b>Per 16 scan</b>	75/-	450/-	3000/- Per Hour (H <sup>1</sup> + C <sup>13</sup> )
	<b>C<sup>13</sup></b>	<b>&gt; 500 scan</b>	100/-	600/-	
		<b>512 scan</b>	150/-	900/-	
		<b>1024 scan</b>	300/-	1800/-	
	<b>H<sup>1</sup> + C<sup>13</sup></b>	<b>&gt; 500 scan</b>	100/-	1000/-	
		<b>512 scan</b>	150/-	1300/-	
<b>1024 scan</b>		300/-	2100/-		
					4000/- Per Hour (H <sup>1</sup> + C <sup>13</sup> )

	Cosy/ HSQC/ HMBC/ NOSEY	2 scan	75/-	450/-		
		4 scan	100/-	600/-		
		8 scan	150/-	900/-		
	DEPT- 135	< 256 scan	100/-	300/-		
		> 256 scan	200/-	600/-		
18	XPS	1200/- Per Sample Per Run		3000/- Per Sample Per Run	4000/- Per Sample Per Run	8000/- Per Sample Per Run
19	ICP-MS	400 /- Per Element		1000 /- Per Element	1500 /- Per Element	3000 /- Per Element
20	BET	1500/- Per Sample Per Run		3000/- Per Sample Per Run	4000/- Per Sample Per Run	8000/- Per Sample Per Run
21	Network Analyser	200/- Per Hour Per Run		500/- Per Hour Per Run	750/- Per Hour Per Run	1500/- Per Hour Per Run
22	CLSM	Imaging of Bio samples & Live cells, etc..	350/- per sample or 750/- per hour (which one is higher)	1500/- per sample or 3000/- per hour (which one is higher)	1500/- per sample or 3000/- per hour (which one is higher)	2500/- per sample or 5000/- per hour (which one is higher)
		Imaging of non biological samples (using reflectance mode)		750/- per sample or 1500/- per hour (which one is higher)	750/- per sample or 1500/- per hour (which one is higher)	1250/- per sample or 2500/- per hour (which one is higher)

For booking please visit : <https://ibs.iitbhu.ac.in/>

\* Per hour means maximum 3 samples (Sample preparation is the responsibility of the users).

\* NMR Tube : ( Rs. 300 /- per tube)

For higher scan rates or any new experiment charges will be calculated based on time consumed. For variable temperature (VT) experiments extra cost for liquid Nitrogen will be

website: <https://iitbhu.ac.in/rnd/cif> Email: [office.cif@itbhu.ac.in](mailto:office.cif@itbhu.ac.in)

**Payment Terms:** payment mode NEFT/RTGS/NET Banking/ DD etc. ( GST @ 18% extra on consumable charges)

Details of Account Holder	The registrar, IIT (BHU)
Bank Name	State Bank of India
Branch Name	IT-BHU Branch
Type of Bank Account	Current
IFSC Code	SBIN0011445
MICR Code	221002036
Account Number	32778803937

Please provide reference copy of payment with requisition form.