

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	ATEM	Rs. 600/- Per Hour	Rs. 2400/- Per Hour	Rs. 4000/- Per Hour	Rs. 10000/- Per Hour	
2	HR-SEM	Rs. 300/- Per Hour	Rs. 2200/- Per Hour	Rs.4000/- Per Hour	Rs.8000/- Per Hour	
3	EBSD	Rs. 300/- Per Hour	Rs. 2000/- Per Hour	Rs. 4000/- Per Hour	Rs.8000/- Per Hour	
4	SEM/Table Top SEM	Rs. 250/- Per Hour	Rs. 1500/- Per Hour	Rs. 3000/- Per Hour	Rs. 6000/- Per Hour	
5	EDS	Rs. 250/- Per Hour	Rs. 1500/- Per Hour	Rs. 3000/- Per Hour	Rs. 6000/- Per Hour	
6	BENCH TOP XRD	Rs. 100/- Per Hour	Rs. 1000/- Per Hour	Rs. 2000/- Per Hour	Rs. 6000/- Per Hour	
7	HR XRD	Rs. 250/- Per Hour	Rs. 1500/- Per Hour	Rs. 3000/- Per Hour	Rs. 8000/- Per Hour	
8	MPMS	Rs. 300/- Per Sample Per Experiment	Rs. 2000/- Per Sample Per Experiment	Rs. 4000/- Per Sample Per Experiment	Rs. 8000/- Per Sample Per Experiment	
9	SPM	Rs. 300/- Per Hour	Rs. 1700/- Per Hour	Rs. 3000/- Per Hour	Rs. 4000/- Per Hour	
10	ION CHROMATOGRAPHY	Rs. 250/- Per Hour	Rs. 2200/- Per Hour	Rs. 4000/- Per Hour	Rs. 8000/- Per Hour	
11	TRIBOMETER/PROFILOMETRY	Rs. 200/- Per sample	Rs. 1000/- Per Sample	Rs. 2000/- Per Sample	Rs. 6000/- Per Sample	
12	PCB Prototype	Rs. 800/- Per PCB with Material below 4"x6"	Rs. 3000/- Per Sample without Materials	Rs. 4000/- Per Sample without Materials	Rs. 8000/- Per Sample without Materials	
13	FTIR	Rs. 100/- Per Sample (in KBr)	Rs. 700/- Per Sample (in KBr)	Rs. 700/- Per Sample (in KBr)	Rs. 1500/- Per Sample (in KBr)	
		Rs. 50/- Per Sample (ATR)	Rs. 400/- Per Sample (ATR)	Rs. 400/- Per Sample (ATR)	Rs. 900/- Per Sample (ATR)	
14	DSC	Rs. 250/- Per Hour (Low Temp.)	Rs. 1000/- Per Hour (Low Temp.)	Rs. 1500/- Per Hour (Low Temp.)	Rs. 2500/- Per Hour (Low Temp.)	
		Rs. 200/- Per Hour (Room Temp.)	Rs. 800/- Per Hour (Room Temp.)	Rs. 1200/- Per Hour (Room Temp.)	Rs. 2000/- Per Hour (Room Temp.)	
15	TGA	Rs. 200/- Per Hour	Rs. 800/- Per Hour	Rs. 1200/- Per Hour	Rs. 2000/- Per Hour	
16	H ¹ /P ³¹ /F ⁹ /D ² O Exchange	Per 16 scan	Rs. 75/-	Rs. 450/-	Rs. 3000/- Per Hour (H ¹ + C ¹³)	Rs. 4000/- Per Hour (H ¹ + C ¹³)
	C ¹³	> 500 scan	Rs. 100/-	Rs. 600/-		
		512 scan	Rs. 150/-	Rs. 900/-		
		1024 scan	Rs. 300/-	Rs. 1800/-		
	H ¹ + C ¹³	> 500 scan	Rs. 100/-	Rs. 1000/-		
		512 scan	Rs. 150/-	Rs. 1300/-		
		1024 scan	Rs. 300/-	Rs. 2100/-		
	Cosy/ HSQC/ HMBC/ NOSEY	2 scan	Rs. 75/-	Rs. 450/-		
		4 scan	Rs. 100/-	Rs. 600/-		
		8 scan	Rs. 150/-	Rs. 900/-		
DEPT- 135	< 256 scan	Rs. 100/-	Rs. 300/-			
	> 256 scan	Rs. 200/-	Rs. 600/-			
17	XPS	Rs. 1200/- Per Sample Per Run	Rs. 3000/- Per Sample Per Run	Rs. 4000/- Per Sample Per Run	Rs. 8000/- Per Sample Per Run	
18	ICP-MS	Rs. 400 /- Per Element (Only Digestice sample)	Rs. 1000 /- Per Element (Only Digestice sample)	Rs. 1500 /- Per Element (Only Digestice sample)	Rs. 3000 /- Per Element (Only Digestice sample)	
19	BET	Rs. 1500/- Per Sample Per Run	Rs. 3000/- Per Sample Per Run	Rs. 4000/- Per Sample Per Run	Rs. 8000/- Per Sample Per Run	
20	Network Analyser	Rs. 200/- Per Hour Per Run	Rs. 500/- Per Hour Per Run	Rs. 750/- Per Hour Per Run	Rs. 1500/- Per Hour Per Run	

* 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 added.

website: <https://iitbhu.ac.in/rnd/cif> Email: cifc@itbhu.ac.in

Payment Terms: Payment in Demand Draft only {In favour of Registrar, IIT(BHU), Varanasi- 221005}IFSC Code: SBIN0011445; Branch - Institute Of Technology BHU)