

Charges (in INR) for using instruments/Facilities in CIF

Name of the Instrument	Cost (Rs.) per sample/Facility per Hour			
	Industry	Jindal Group	Academics/Other Organizations	OPJU
Scanning Electron Microscopy (SEM)	2000.00	1500.00	1000.00	Free
Scanning Electron Microscopy (SEM) with EDX	2500.00	2000.00	1200.00	Free
X-Ray Diffractometer (XRD)	2500.00	2000.00	1500.00	Free
X-Ray Diffractometer with complete analysis	3500.00	2500.00	2000.00	Free
Spectrophotometer	1000.00	800.00	600.00	Free
Potentiostat and Galvanostat	800.00	500.00	500.00	Free
Stir Casting Machine	500.00	500.00	300.00	Free
Hardness Testing Machines				
A. Rockwell (7005 RHT-D)	200.00	100.00	100.00	Free
B. Brinell (OPFB-3000)				
C. Vickers (DHV-1000)				
Induction Furnace (Temp: 2000°C)	500.00	300.00	200.00	Free
Metallurgical Microscope with Image Analyzer	200.00	—	200.00	Free
Cold Crushing Strength (CCS) Machine	100.00	50.00	50.00	Free
Muffle Furnace (Temp: 900°C, 1000°C and 1300°C)	Free	Free	Free	Free
High Temperature Muffle Furnace (Temp: 1800°C)	100.00	Free	100.00	Free
Jominy End Quench Test Setup	150.00	100.00	100.00	Free
Vertical Muffle Furnace (Temp: 1000°C)	100.00	50.00	Free	Free
Disc Pelletiser	150.00	Free	100.00	Free
Microm Drum	100.00	Free	100.00	Free
Tumbler Drum	100.00	Free	100.00	Free
Tubular Furnace (Temp: 1400°C)	250.00	Free	150.00	Free
Vibratory Cup Mill	150.00	50.00	150.00	Free
Mega 3-D printer (500X500X500mm)	500.00	100.00	400.00	Free
Fin-On-Disc Machine	800.00	600.00	500.00	Free
Electrical Facilities				
A. Transformer Oil Testing Kit				
B. Insulation Tester				
C. VFD of 3-Phase Squirrel Cage Induction	2000.00	1200.00	1500.00	Free
D. VFD of 3-Phase Synchronous Motor				
E. Harmonics Analyser				
F. Megger for measuring the insulation				
G. LCR Q-meter				
Civil Facilities				
A. Universal Testing Machine				
B. Digital Compression Testing Machine				
C. Impact Testing for Aggregate	3500.00	2000.00	1500.00	Free
D. Abrasion Test of Aggregate				
E. Flakiness Index and Elongation Index				
F. Laboratory CBR Testing Machine				
G. Permeability Apparatus				

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25	CNC Wire Cut EDM	1500.00	800.00	500.00	Free
26	FLAT BED CNC LATHE MACHINE	1200.00	600.00	400.00	Free
27	Digitally controlled synergic air cooled 400A MIG/MAG CMT Robotic welding machines (Charges for per 100mm length of weld bead in single pass) (The filler wires/electrodes for specific grades of metal will be provided by the candidates)	1000.00	700.00	500.00	Free
28	MIG/MAG welding machines (Charges for per 100mm length of weld bead in single pass) (The filler wires/electrodes for specific grades of metal will be provided by the candidates)	800.00	500.00	200.00	Free
29	TIG welding machines (Charges for per 100mm length of weld bead in single pass) (The filler wires/electrodes for specific grades of metal will be provided by the candidates)	900.00	600.00	250.00	Free

Note:

- For external users, @ 18.00 % GST or above (as per the prevailing norms) will be applicable in the above rate sheet.
- Depending on the load on the equipment the number of samples may be limited for in-house members whenever required.
- The beneficiary should provide standard/reference (compound/solution) for the analysis if required.
- An amount of Rs. 100/- should be added for courier and CD charges (conditions applied).
- Additional amount of Rs. 200/- per sample may be charged if there is sample preparation involved.
- Any extra facility or material used by the CIF for the analyses, a subsequent charge will be imposed on testing to the beneficiary.
- After successful submission of filled sample requisition form and payment, the samples should reach CIF within Twelve (12) working days along with a copy of acknowledgement receipt.
- CIF has all rights to update the charges whenever necessary.

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