



**Central Instrumentation Facility
Jamia Millia Islamia**

Utilization Charges of the equipment (w.e.f. April 01, 2021)

S. No.	Equipment	Usage Charges		
		For JMI users	For other academic institutes	Industries/private laboratories
1	FTIR (Bruker Tensor 37)	Rs. 200/hour	Rs. 250/sample	Rs. 1000/sample
2	UV-Vis (Hitachi U3900) Transmission and Reflection mode	Rs. 200/hour	Rs. 200/sample	Rs. 750/sample
3	Multiangle DLS (Photocor)	Rs. 200/hour	Rs. 500/sample	Rs. 750/sample
4	Fluorescence Spectrometer (Agilent, Caryeclipse)	Rs. 200/hour	Rs. 300/sample	Rs. 1000/sample
5	Surface Tension/ Contact Angle* (SEO instruments)	Rs. 200/hour	Rs. 200/sample	Rs. 750/sample
6	Potentiostat (CV) (IVIUM)	Rs. 200/hour	Rs. 100/sample	Rs. 500/sample
7	XRD (simple phase analysis) Rigaku Ultima IV	Rs. 100/sample (scan rate >8°/min) Rs. 200/sample (7.99° to 4°/min) Rs. 300/sample (3.99° to 2°/min) Rs. 500/sample (1.99° to 1°/min)	Rs. 200/sample (scan rate >8°/min) Rs. 400/sample (7.99° to 4°/min) Rs. 500/sample (3.99° to 2°/min) Rs. 750/sample (1.99° to 1°/min)	Rs. 300/sample (scan rate >8°/min) Rs. 500/sample (7.99° to 4°/min) Rs. 1000/sample (3.99° to 2°/min) Rs. 1500/sample (1.99° to 1°/min)
8	XRD (Texture/grain boundaries, scattering) Rigaku Ultima IV	Rs. 500/hour	Rs. 1000/hour	Rs. 2500/hour
9	SAXS Rigaku Ultima IV	Rs. 500/Sample	Rs. 1000/Sample	Rs. 2500/Sample



10	AFM (Bruker, Multimode)	Rs. 250/hour	Rs. 1500/hour	Rs. 3000/hour
11	Robotic Crystallization System* (AVI)	Rs. 150/hour	Rs. 500/hour	Rs. 5000/day
12	FPLC (media Filtration Assembly)	Rs. 100/hour	Rs. 500/hour	Rs. 1000/hour
13	Real Time PCR* (HT7900)	Rs. 300/- per use	Rs. 1500/- per use	Rs. 5000/- per use
14	FACS (BD, Aria III)*	Rs. 200 per hour / per 10 samples for flow cytometer	Rs. 1000 per hour / per 10 samples for flow cytometer	Rs. 1500 per hour / per 10 samples for flow cytometer
15	LC-MS/MS (Waters, Xevo TQD)*	Rs. 200/- per sample for Direct Mass Rs. 500/sample for LCMS	Rs. 400/- per sample for Direct Mass Rs. 1000/sample for LCMS	Rs. 1000/- per sample for Direct Mass Rs. 5000/sample for LCMS
16	ICPE-OES (Perkin, Avio 200)	Rs. 500 (upto 5 elements) Rs. 750 (upto 10 elements) Rs. 1000 (>10 elements)	Rs. 1000 (upto 5 elements) Rs. 1500 (upto 10 elements) Rs. 2000 (>10 elements)	Rs. 1500 (upto 5 elements) Rs. 2000 (upto 10 elements) Rs. 3000 (>10 elements)
17	TGA/DTA (Setaram, LABSYS EVO 1150°C)	Rs. 300/sample upto 3 hours Rs. 500/sample above 3 hours	Rs. 500/sample upto 3 hours Rs. 1000/sample above 3 hours	Rs. 1000/sample upto 3 hours Rs. 1500/sample above 3 hours
18	DSC (Setaram, LABSYS DSC 131, 700°C)	Rs. 300/sample upto 3 hours Rs. 500/sample above 3 hours	Rs. 500/sample upto 3 hours Rs. 1000/sample above 3 hours	Rs. 1000/sample upto 3 hours Rs. 1500/sample above 3 hours
19	Zetasizer (size/potential)* (Malvern Nano ZS)	Rs. 200/hour	Rs. 500/sample	Rs. 1000/sample



20	Time Resolved Fluorescence Lifetime Measurement Spectrometer (Horiba, DeltaFlex-01-DD)*	Rs. 200 per hour or Rs. 1200 per day	Rs. 500 per sample or Rs. 2500 per day	Rs. 1000 per hour or Rs. 5000 per day
21	Stop Flow (Applied Photophysics, SX-20)*	Rs. 100/hour	Rs. 500/hour	Rs. 1000/hour
22	Erbium Doped Fiber Amplifier with Optical Fiber System (Benchmark)	Rs. 100/hour	Rs. 500/hour	Rs. 1000/hour
23	Electrical Power system Simulator (OPAL RT)	Rs. 100/hour	Rs. 500/hour	Rs. 1000/hour
24	Raman Spectroscope (Invia Renishaw)	Rs. 100/sample	Rs. 500/sample Rs. 1000/sample (less than 5 mappings) Rs. 1500/sample (above 5 mappings)	Rs. 5000/sample and mapping
25	Confocal Microscope* (Leica SP8)	Rs. 400/hour	Rs. 1250/hour	Rs. 5000/hour

*Specific biochemical, consumable, plastic/glassware has to be brought by users.

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Incharge CIF

