

## **Rate Chart for the Characterization/Fabrication/Synthesis Facility in the Department of Applied Physics, DIAT (DU), Pune - 411025**

Sr. No.	Name of the Characterization/Fabrication/Synthesis Facility	Internal Users *	External Users #		
			Educational Institutions	Industry	R & D Labs
1	Atomic Force Microscope (AFM)	Rs. 200/- per hour	Rs. 1500/- per sample	Rs. 3500/- per sample	Rs. 2500/- per sample
2	Fourier Transform Near-infrared Spectrometer (FT-NIR)	Rs. 200/- per hour	Rs. 200/- per sample	Rs. 1300/- per sample	Rs. 700/- per sample
3	Vector Network Analyzer (VNA)	Rs. 100/- per hour	Rs. 400/- per sample	Rs. 1300/- per sample	Rs. 750/- per sample
4	Electrochemical Workstation	Rs. 100/- per hour	Rs. 600/- per hour	Rs. 2500/- per sample	Rs. 1300/- per sample
5	Photoluminescence Spectrometer (PL)	Rs. 100/- per hour	Rs. 600/- per sample	Rs. 2500/- per sample	Rs. 1300/- per sample
6	UV-VIS Spectrophotometer (Transmittance Mode)	Rs. 100/- per hour	Rs. 250/- per sample	Rs. 1500/- per sample	Rs. 900/- per sample
7	UV-VIS Spectrophotometer (Reflectance Mode)	Rs. 100/- per hour	Rs. 250/- per sample	Rs. 1500/- per sample	Rs. 900/- per sample
8	Solar Simulator	Rs. 100/- per hour	Rs. 400/- per sample	Rs. 1300/- per sample	Rs. 750/- per sample
9	Contact Angle Measurement System	Rs. 50/- per hour	Rs. 600/- per sample	Rs. 2000/- per sample	Rs. 1300/- per sample
10	Thermogravimetric Analyzer (TGA)	Rs. 100/- per hour	Rs. 600/- per sample	Rs. 2000/- per sample	Rs. 900/- per sample
11	Pulsed Laser Deposition System (PLD)	Rs. 100/- per hour	Rs. 750/- per sample	Rs. 2500/- per sample	Rs. 1850/- per sample
12	CO <sub>2</sub> Laser for Material Processing & Synthesis	Rs. 100/- per hour	Rs. 400/- per sample	Rs. 1300/- per sample	Rs. 750/- per sample
13	Stereo Zoom Microscope	Rs. 50/- per hour	Rs. 600/- per sample	Rs. 2000/- per sample	Rs. 1300/- per sample
14	Spin Coating Unit	Rs. 100/- per hour	Rs. 400/- per sample	Rs. 1300/- per sample	Rs. 750/- per sample
15	High temperature Furnace	Rs. 50/- per hour	Rs. 600/- per sample	Rs. 2000/- per sample	Rs. 1300/- per sample
16	Muffle Furnace	Rs. 50/- per hour	Rs. 200/- per sample	Rs. 1300/- per sample	Rs. 700/- per sample
17	X-Ray Diffractometer (powder XRD)	Rs. 100/- per hour	Rs. 400/- per sample	Rs. 1300/- per sample	Rs. 750/- per sample
18	X-Ray Diffractometer (GIXRD))	Rs. 100/- per hour	Rs. 750/- per sample	Rs. 2500/- per sample	Rs. 1850/- per sample
19	RAMAN Spectroscopy	Rs. 100/- per hour	Rs. 600/- per hour	Rs. 2500/- per sample	Rs. 1300/- per sample
20	Spectroscopic Ellipsometer	Rs. 100/- per hour	Rs. 400/- per sample	Rs. 1300/- per sample	Rs. 750/- per sample
21	RF/DC Sputtering	Rs. 100/- per hour	Rs. 600/- per hour	Rs. 2000/- per hour	Rs. 900/- per hour

\* GST not applicable for Internal Users. # GST @18% extra for External Users.