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 (Rates per hour in ₹) (GST not required)	External Users (Rates *per sample* in ₹ Including GST@18%)		
				Educational Institutions	Industry	Govt. R & D Labs
1	Atomic Force Microscope (AFM)		100	2065	4130	3097.5
2	Fourier Transform Near-infrared Spectrometer (FT-NIR)		100	767	1534	1150.5
3	Vector Network Analyzer (VNA)		100	767	1534	1150.5
4	Electrochemical Workstation		100	1475	2950	2212.5
5	Photoluminescence Spectrometer (PL)		100	1475	2950	2212.5
6	UV-VIS Spectrophotometer (Transmittance Mode)		100	885	1770	1327.5
7	UV-VIS Spectrophotometer (Reflectance Mode)		100	885	1770	1327.5
8	Solar Simulator		100	767	1534	1150.5
9	Contact Angle Measurement System		100	1180	2360	1770
10	Thermogravimetric Analyzer (TGA)		100	1180	2360	1770
11	Pulsed Laser Deposition System (PLD)		100	1475	2950	2212.5
12	CO_2 Laser for Material Processing & Synthesis		100	767	1534	1150.5
13	Stereo Zoom Microscope		100	1180	2360	1770
14	Spin Coating Unit		100	767	1534	1150.5
15	High temperature Furnace		100	1180	2360	1770
16	Muffle Furnace		100	767	1534	1150.5
17	X-Ray Diffractometer (powder XRD)		100	767	1534	1150.5
18	X-Ray Diffractometer (GIXRD))		100	1475	2950	2212.5
19	RAMAN Spectroscopy		100	1475	2950	2212.5
20	Spectroscopic Ellipsometer		100	767	1534	1150.5
21	Terahertz-Spectroscopy (THz-TDS)	Transmission Mode	100	590	1180	944
		Reflection Mode	100	826	1416	1180
22	High resolution Terahertz Imaging (Up to 300 × 300 mm^2 in single scan/sample)	Transmission Mode (100 × 100 mm^2)	100	826	1416	1180
		Reflection Mode (100 × 100 mm^2)	100	944	1534	1298
23	Fiber Splicing	SMF-SMF/MMF	100	472	944	708
		PCF-PCF	100	590	1180	944
		PCF-SMF/MMF	100	826	1416	1180
		Polarization Maintain Fiber	100	590	1180	944
		Specialty Fiber (Other than PCF)	100	944	1534	1298
24	Fiber Tapering	SMF, MMF, PMF	100	590	1180	944
		PCF	100	944	1534	1298
25	Fiber Ball Lensing	SMF, MMF, PMF	100	590	1180	944
		PCF	100	944	1534	1298
26	Femtosecond Laser Characterization (Output power, wavelength, repetition rate, pulse duration, RF noise, stability, etc.)		100	944	1534	1298
27	Nonlinearity measurement Z-scan (Open/Close aperture)		100	826	1416	1180
28	Fiber Femtosecond Laser (@ 1060 nm, 1550 nm) for different application		100	Contact Ultrafast Photonics Lab		