

### List of Equipment for FY 2022-2023 and FY 2023-2024

<b>Sr. No.</b>	<b>Name</b>
1.	LPCVD & Oxidation Furnace with Dry, Wet Oxidation and Annealing feature
2.	Developer Hood
3.	Optical Microscope (Brightfield + Fluorescence)
4.	Direct Writing Laser Lithography System
5.	Thermal Evaporation System
6.	Non-Contact Optical Surface Profilometer
7.	Nanoimprint Lithography System
8.	Atomic Force Microscope (AFM)
9.	Variable Angle Spectroscopic Ellipsometer
10.	Spin Coating/Photoresist Coating Systems
11.	Inductively Coupled Plasma (Reactive Ion Etching) System
12.	E-beam lithography
13.	FE-SEM System
14.	Magnetron Sputtering System
15.	Interference Lithography System
16.	UV lasers
17.	High Power lasers in UV and visible range
18.	Precision motorized translation stage
19.	Wet Etching Hood
20.	Ultra-sonic cleaner
21.	Magnetic stirrer with heater
22.	Hot plate (for 8" substrate)
23.	UPS system
24.	Gas cylinders with regulators, nitrogen guns
25.	Nitrogen generator
26.	Compressed Dry Air generator/plant
27.	Vapour generator

28.	DI water plant
29.	Optical fiber Splicer for speciality fiber
30.	Work Station
31.	Desktop computers along with computer peripherals
32.	Laptop
33.	Optical design software (Zemax, OSLO, Rsoft, Lumerical etc.)
34.	Photoresist and developer (consumable)
35.	Magnetron sputtering targets (consumables)
36.	Optical Fibers (including speciality fibers) and fiber-optic components(consumables)
37.	Opto-mechanical components(consumables)
38.	Silicon wafers and glass wafers as lithography substrate (consumables)
39.	High Purity grade solvents(consumables)
40.	Clean room consumables (Nitrile gloves, Sticky Mats, Cleanroom compatible gown etc.)
41.	Rack Servers
42.	Networking switches
43.	NAS
44.	Dynamic/Fatigue Testing Machine