

List of Advanced Research Lab Equipment

S. No	Item	Qty
1.	Thermo gravimetric/Differential Thermal Analyzer (TG/DTA)	1
2.	Surface Area and Pore Size Analyzer	1
3.	Digital LCR Meter (Low Frequency System)	1
4.	Digital LCR Meter (High Frequency System)	1
5.	Fume Hood	1
6.	Stereo Zoom Microscope (Trinocular & Digital Photographic System	1
7.	Nano Particles Zeta Sizer	1
8.	Auto Bomb Calorimeter	1
9.	UV/Vis NIR System	1
10.	X-Ray Diffraction Spectrometer (XRD) with Thin Film Analysis Attachment	1
11.	Vibrating sample Magnetometer (VSM)	1
12.	Microwave Accelerated Reaction System	1
13.	Analytical Balance	1
14.	Muffle Furnace	1
15.	Fluorescence Spectrometer	1
16.	Applied Biosystems DNA Sequencer/Analyzer	1
17.	TPR/TPD Lab	1
18.	Automated protein purification system	1
19.	Real time PCR	1
20.	UV-visible Diffuse Reflectance Spectrophotometer (190-1100 nm)	1
21.	Fluorescent microscope	1
22.	Vacuum Pump	1
23.	Rotary Evaporator complete with Vacuum Pump and Chiller	1
24.	Centrifuge for Nano Particles	1
25.	Shaking Incubator	1
26.	Rheometer/Viscometer	1
27.	Oven & Vortex Mixer	1
28.	High Speed Floor Centrifuge with interchangeable rotors	1
29.	Centrifuge Machine	1
30.	Deep Freezer(-35'C)	1
31.	Double Beam Spectrophotometer USA/Germany/Japan	1
32.	Vertical Laminar Flow Cabinet	1
33.	Multiple Device Equipment for dosage form with all attachments	1
34.	Dissolution apparatus	1
35.	Deep Freezer(-85'C)	1
36.	Plant Growth Chamber	1
37.	Lypholizer/ Freeze Dryer	1
38.	Flame Photometer	1
39.	Kinematic Viscometer	1
40.	Digital Orbital Shaker	1
41.	Spectro-Fluorometer	1
42.	Biological Safety Cabinet (BSC) Class II	1
43.	Ice Making Machine	1

44.	Compact Weather Station with toxic gas analyzer	1
45.	Genome sequencer	1
46.	Multiple Magnetic Stirrer	1
47.	Tablets hardness, diameter, Fraibility and disintegrations Testers	1