

**Tentative List of Additional Equipment to be procured under P 50 for  
the Financial Year 2023-24**

Sl. No.	Description	Qty.
1	Inconel Reactor System for carrying out vapor phase fluorinating reaction modular scale	1
2	Bench Top Fume Hood for carrying out photochemical chlorination reactions	1
3	Walk-in Fume Hood for carrying out liquid phase fluorination reactions	1
4	High Precision Feeding Pump	1
5	High Pressure Catalytic Reactor System	1
6	GC with Flame Ionization Detector (FID & NPD)	1
7	LC-MS-MS	1
8	Gel Permeation Chromatograph (GPC)	1
9	Fuel Cell Test Station	1
10	Heterogeneous Catalyst Extruder	1
11	Semi Preparative HPLC System	1
12	Automated Microwave based Peptide Synthesizer	1
13	Variable Volume Single Channel Micropipette-12 sets	12
14	All in one PC -12units	12
15	Laptop	1
16	Mini vertical Gel Electrophoresis System	12
17	Fast Semi dry electroblotting system 6 units	6
18	Multifunction Machine Mfm 1 No	1

19	Spectrophotometer	1
20	Magnetic Stirrers - 100 Nos.	100
21	Rotary Evaporators - 25 Nos.	25
22	Automatic Lovibond Tintometer	1
23	Automatic Density Meter	1
24	Microplate Reader	3
25	Water Purification System	1
26	UV-VIS Spectrometer	1
27	Up gradation of Electro Chemical workstation	1
28	IP Telephone Device	100
29	ASPEN PLUS/AspenONE Software	1
30	Gas Chromatography system with Flame Ionization Detector	1

**Additional List under Projects**

Sl. No.	Description	Quantity
1	BioWin (V 6.2) Software	01
2.	SimaPro 9.5 Expert User Professional with database Software	01