

P 50 Equipment Priority List (FY 2023-24)

Sl No.	Equipment Name/ Description
1.	Fluorescence Spectrophotometer- 01 No.
2.	Flash Chromatography System -12 Nos.
3.	Fully Automatic Bomb Calorimeter with accessories – 04 Nos.
4.	Core Switches - 02 Nos
5.	Solvent Purification System – 05 Nos.
6.	Upgradation of the existing Electrochemical Work Station - 01 Unit
7.	Dual Source Single Crystal X-ray Diffractometer – 01 No.
8.	Automatic Tissue Processor – 01 No.
9.	Semi Motorized Microtome – 01 No.
10.	Tissue Embedding Unit with Cold Plate – 1 No.
11.	Trinocular Microscope with Camera - 01 No.
12.	Tissue Flootation Bath – 01 No.
13.	IVC System -2 No.
14.	TGA DSC MASS Instrument -01 No.
15.	High Temperature Muffle Furnace - 01 No.
16.	Magnetic Stirrers – with and without Heating system (100 Nos. each)
17.	Analytical Balances -25 Nos.
18.	Refrigerators - 30 Nos
19.	Vaccum Pump - 40 Nos
20.	Rotary Evaporator - 40 Nos.
21.	Single Channel Electro Chemical Workstation with Impedance Analyzer including Software – 01 No.
22.	High-Pressure Stirred Autoclave Reactor System 100 ml - 01 No.
23.	Binary HPLC with UV detector - 01 No.
24.	Sonicator - 01 No.
25.	500 MHz NMR Spectrometer with Flow Chemistry – 01 No.
26.	High Pressure Homogenizer- 01 No.
27.	Multipurpose Refrigerated Centrifuge – 01 No.
28.	86 Ultra deep freezer–01 No.
29.	SERVERS- 04 Nos.
30.	Freeze Dryer – 01 No. – for OSPC
31.	Recirculation Chiller – 20 Nos. (OSPC)
30.	Desktop PCs/ All of different specifications as per requirement - 20 Nos.
31.	Laptops of different specifications as per requirement - 10Nos.
32.	Printers of different specifications as per requirement - 15 Nos.
33.	Scanners of different specifications as per requirement – 15 Nos.

Remarks-

1. Requirements mentioned above are **tentative requirements** , which may vary or change based on actual R&D requirements of user concerned as well as budgetary availability. There is no firm commitment for procurement of the same. Equipment which could not be processed in the current financial year 2022-23, may be considered for priority of next Financial Year, as per R&D requirement and fund availability.

2. Considering the nature of R&D activity and related requirements, any equipment not mentioned above can be considered for procurement at any point of time with the approval of the Competent Authority, as per specific requirement of the Institute.

3. As regards to procurement under sponsored projects, same will as per sanction made by the sponsoring agency under the respective projects.



Controller of Stores and Purchase