



राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान

(औषध विभाग, रसायन एवं उर्वरक मंत्रालय, भारत सरकार का एक स्वायत्तशासी संस्थान)
नाईपर रायबरेली ट्राजिट कैम्पस, बिजनौर – सिसेंडी रोड, सरोजनी नगर, सीआरपीएफ बेस कैम्प के पास, लखनऊ (यू0पी0) – 226002

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

(An Autonomous Institute under Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Government of India)
Transit Campus of NIPER, Raebareli, Bijnor - Sisendi Road, Sarojini Nagar, Near - CRPF Base Camp, Lucknow (UP) - 226002

05 Years Procurement Projection Plan

1. Department of Pharmacology and Toxicology/Regulatory Toxicology

Financial Year: 2021-22

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	Confocal Workstation	Precision instrument	1	System	300.00
2	Multimode plate reader with real-time measurement	Precision instrument	1	System	100.00
3	Automated ELISA cycler	Precision instrument	1	System	20.00
4	Centrifuge (Table-Top, Refrigerated)	Precision instrument	1	Unit	12.00
5	Micro centrifuge (refrigerated)	Precision instrument	2	System	20.00
6	Light Microscope	Precision instrument	1	System	50.00
7	Incubator (shaker)	Precision instrument	1	Unit	10.00
8	Western blot apparatus	General Laboratory Instrument	2	System	15.00
9	Milli Q system	General Laboratory Instrument	2	Unit	10.00
10	Workstation (Computer with server)	General Laboratory Instrument	2	Unit	10.00
11	Microtome (Cryostat)	General Laboratory Instrument	1	Unit	20.00
12	Haematoanalyzer	Precision instrument	1	Unit	10.00
13	Image processing software	Precision instrument	1	Software	15.00
14	CO ₂ Incubator	General Laboratory Instrument	1	Unit	10.00
15	Hot plate	General Laboratory Instrument	2	Unit	1.00
16	Orbital shaker	General Laboratory Instrument	5	Unit	5.00
17	Dry bath	General Laboratory Instrument	5	Unit	7.00
18	Ultrasonicator	General Laboratory Instrument	1	Unit	8.00
19	Bath Sonicator	General Laboratory Instrument	2	Unit	10.00



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20	Autoclave	General Laboratory Instrument	1	Unit	4.00
21	Hot air oven	General Laboratory Instrument	1	Unit	2.00
22	Tissue homogenizer	General Laboratory Instrument	1	Unit	2.00
23	pH meter	General Laboratory Instrument	2	Unit	3.00
24	Laboratory Fume hood	General Laboratory Instrument	2	Unit	10.00
25	Laboratory refrigerator large	General Laboratory Instrument	3	Unit	3.00
26	-80 °c Refrigerator	General Laboratory Instrument	1	Unit	5.00
27	-20 °c Refrigerator	General Laboratory Instrument	1	Unit	2.50
28	Flow hood for animal handling (BSL-II and III)	General Laboratory Instrument	2	Unit	10.00
29	Gas-cylinder cum regulator	General Laboratory Instrument	2	Unit	2.00
30	Euthanasia chamber for animals	General Laboratory Instrument	1	Unit	1.50
31	IVC System for animal house (rat and mice)	Precision instrument	3	Units	30.00
32	Computer System	General Laboratory Instrument	5	Unit	4.00
33	Printer	General Laboratory Instrument	5	Unit	2.00
34	A.C (1.5 Ton)	General Laboratory Instrument	5	Unit	4.50
35	A.C (1 Ton)	General Laboratory Instrument	5	Unit	4.50
36	Balance	General Laboratory Instrument	2	Unit	2.50
37	Microbalance	General Laboratory Instrument	1	Unit	2.00
38	Nanospin	Precision instrument	1	Unit	10.00
39	Cell counter	Precision instrument	1	Unit	5.00
40	Nitrogen purging system	General Laboratory Instrument	1	System	1.00
41	gel-electrophoresis tank: For comet assay	General Laboratory Instrument	1		1.00
42	Lyophilizer	Precision instrument	1	Unit	20.00
43	Water Distillation Unit	General Laboratory Instrument	1	Unit	1.00



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44	Vortex	General Laboratory Instrument	2	Unit	0.30
45	Spinix	General Laboratory Instrument	2	Unit	0.20
46	Biochemistry Centrifuge	General Laboratory Instrument	1	Unit	1.00
47	Surgicals	General Laboratory Instrument	Variable	-	5.00
48	UPS (20 KV)	General Laboratory Instrument	2	Unit	8.00
49	Vacuum filtration system/Suction assembly	General Laboratory Instrument	2	Unit	5.00
50	Fluid Aspirator	General Laboratory Instrument	2	Unit	5.00
	Total				790.00

Financial Year: 2022-23

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	High-Throughput Cellular Screening System	Precision instrument	1	System	125.00
2	8-Channel automated organ bath	Precision instrument	1	System	60.00
3	Centrifuge (Table-Top, Refrigerated)	Precision instrument	1	System	15.00
4	Micro centrifuge (refrigerated)	Precision instrument	2	System	15.00
5	Incubator (shaker)	Precision instrument	1	Unit	12.00
6	Electrophysiology System	Precision instrument	1	System	400.00
7	RT-PCR system	Precision instrument	1	System	50.00
8	Western blot apparatus	General Laboratory Instrument	1	System	8.00
9	Milli Q system	General Laboratory Instrument	1	Unit	10.00
10	Surgical microscope and facility for animal surgery room	General Laboratory Instrument	1	System	20.00
11	Anesthesia system	General Laboratory Instrument	1	Unit	5.00
12	CO ₂ Incubator	General Laboratory Instrument	1	Unit	10.00



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13	Hot plate	General Laboratory Instrument	2	Unit	1.00
14	Ultrasonicator	General Laboratory Instrument	1	Unit	10.00
15	Hot air oven	General Laboratory Instrument	1	Unit	5.00
16	Water bath	General Laboratory Instrument	2	Unit	2.00
17	Laboratory refrigerator large	General Laboratory Instrument	3	Unit	5.00
18	-80 °c Refrigerator	General Laboratory Instrument	2	Unit	10.00
19	-20 °c Refrigerator	General Laboratory Instrument	2	Unit	5.00
20	Flow hood for animal handling (BSL-II and III)	General Laboratory Instrument	2	Unit	20.00
21	IVC System for animal house (rat and mice)	Precision instrument	3	Units	30.00
22	A.C (1.5 Ton)	General Laboratory Instrument	5	Unit	8.00
23	A.C (1 Ton)	General Laboratory Instrument	5	Unit	4.00
24	Balance	General Laboratory Instrument	1	Unit	1.00
25	Microbalance	General Laboratory Instrument	1	Unit	1.00
26	Rota vapour	General Laboratory Instrument	1	Unit	8.00
	Total				840.00

Financial Year: 2023-24

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	IVT Platform	Precision instrument	1	System	100.00
2	Centrifuge (Table-Top, Refrigerated)	Precision instrument	1	System	15.00
3	Micro centrifuge	Precision instrument	2	System	15.00
4	Light Microscope	Precision instrument	1	System	50.00
5	Incubator (shaker)	Precision instrument	1	Unit	15.00
6	Radio telemetry system	Precision instrument	1	System	200.00



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7	Western blot apparatus	General Laboratory Instrument	1	System	30.00
8	Anesthesia system	General Laboratory Instrument	1	Unit	5.00
9	Autoclave	General Laboratory Instrument	1	Unit	10.00
10	Hot air oven	General Laboratory Instrument	1	Unit	5.00
11	Tissue homogenizer	General Laboratory Instrument	1	Unit	5.00
12	Laboratory Fume hood	General Laboratory Instrument	2	Unit	20.00
13	Water bath	General Laboratory Instrument	1	Unit	1.50
14	Laboratory refrigerator large	General Laboratory Instrument	1	Unit	1.50
15	-80 °c Refrigerator	General Laboratory Instrument	1	Unit	10.00
16	-20 °c Refrigerator	General Laboratory Instrument	1	Unit	3.00
17	Gas-cylinder cum regulator	General Laboratory Instrument	1	Unit	1.00
18	Euthanasia chamber for animals	General Laboratory Instrument	1	Unit	2.00
19	IVC System for animal house (rat and mice)	Precision instrument	3	Units	30.00
20	Computer System	General Laboratory Instrument	5	Unit	5.00
21	Printer	General Laboratory Instrument	5	Unit	3.00
22	Balance	General Laboratory Instrument	1	Unit	5.00
23	Microbalance	General Laboratory Instrument	1	Unit	1.00
24	Vacuum Distillation Assembly	General Laboratory Instrument	1	System	2.00
	Total				535.00

Financial Year: 2024-25

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	Florescent microscope	Precision instrument	1	System	90.00
2	Autoclave (Big)	General Laboratory Instrument	1	Unit	20.00
3	pH meter	General Laboratory Instrument	2	Unit	3.00



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4	Water bath	General Laboratory Instrument	1	Unit	1.00
5	Gas-cylinder cum regulator	General Laboratory Instrument	1	Unit	2.00
6	Incinerator (Big)	General Laboratory Instrument	1	System	10.00
7	IVC System for animal house (rat and mice)	Precision instrument	3	Units	35.00
8	Microbalance	General Laboratory Instrument	1	Unit	1.00
9	Zebrafish facility	Facility	1	System	30.00
10	Analytical HPLC	Precision instrument	1	Unit	8.00
	Total				200.00

Financial Year: 2025-26

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	Transmission Electron Microscope	Precision instrument	1	System	700.00
2	Inhalation Chamber	Precision instrument	1	Unit	100.00
3	IVC System for animal house (rat and mice)	Precision instrument	3	Units	40.00
	Total				840.00

2. Department of Pharmaceutics

Financial Year 2021-22

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	Lyophilizer (for aqueous and non-aqueous solvents)	Temp. -105°C Capacity: 2.5 L or better	1	Numbers	25.00

2	High resolution transmission electron microscope (HRTEM)	Single Phase, 220/240V, 50 Hz. Operating Voltages 200kV, 120kV Energy Field of view (eV) 2000 Energy Resolution (eV FWHM) 0.25	1	Numbers	500.00
3	Size exclusion chromatography (SEC)	Molecular weight determination Columns for organic soluble synthetic polymers	1	Numbers	30.00
4	3D printer	Medicals/Biologics FDM/IJM	1	Numbers	11.00
5	Electro spinning machine	Nanofibre fabrication Safety switch and emergency Up to 45°C	1	Numbers	10.00
6	ELISA plate reader	High brightness and large size LCD, with touch screen input Flexible Plate layout with Blanks, Standards, Samples, Reference, QC in one screen Single or dual wavelength measurements	1	Numbers	20.00
7	Air conditioner	--	6	Numbers	6.00
8	Consumables (Chemicals, Glass wares, and Plastic wares)	For formulation development	NA	Grams or milligrams and Numbers	50.00
9	Laboratory furniture	Islander table etc	NA	Numbers	40.00
10	Liquid nitrogen and cryocans	NA	NA	Numbers	3.50
11	Miscellaneous (small instruments, AMC)	NA	NA	Numbers	35.00
	Total				730.50

Financial Year 2022-23

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	High speed Homogenizer	Speed with Zero-Load (rpm) 10000 ~ 30000 Process Range H2O(mL) 10 ~ 40000 supply voltage (V) 220V 50/60Hz	3	Numbers	7.50
2	Phase contrast microscope	Objectives from 4 to 100X The 3-position phase slider	1	Numbers	8.00
3	Multimode micro-plate reader	Multi-mode reader	2	Numbers	100.00
4	Hot melt extruder	Minimum throughput: 20 g/h Benchtop extruder geometrically scalable screw and barrel designs	1	Numbers	50.00
5	Micro fluidizer/High Pressure Homogenizer (HPH)	Uniform particle and droplet size reduction, submicron emulsions and high-yield cell disruption.	1	Numbers	35.00
6	Magnetic stirrer	Temperature and speed controller	30	Numbers	10.00
7	Air conditioner	--	4	Numbers	4.00
8	Fluidized bed dryer/coater	Capacity: 120-150 Lt Working Capacity (In Liters): 200 Total Volume Of Product Container In Ltrs: 100-400 Blower Motor h.p. 5 H.P.-15 H.P.	1	Numbers	15.00
9	Planetary Ball Mill (Nanosize)	Speed ratio (1:-2) Sun wheel speed 100 - 650 min ⁻¹ Effective sun wheel diameter 141 m m G-force 33.3 g	1	Numbers	20.00



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10	Ultra performance liquid chromatography (UPLC)	Degassing Unit: 3 or 5 Lines (Volume 400 μ L) Pulsation 0.1 MPa (1.0 mL/min, 10 MPa, Water) Flow rate range 0.0001 to 5 mL/min Flow rate precision No more than 0.06% RSD or 0.02 min SD, whichever is greater Gradient type High-pressure / low-pressure mixing \pm 0.5% (specified conditions) Gradient / concentration precision gradient	3	Numbers	105.00
11	Consumables (Chemicals, Glass wares, and Plastic wares)	For formulation development	NA	Grams or milligrams and Numbers	60.00
12	Laboratory furniture	Islander table etc	NA	Numbers	40.00
13	Liquid nitrogen and cryocans	NA	NA	Numbers	3.00
14	Miscellaneous (small instruments, AMC)	NA	NA	Numbers	45.00
	Total				502.50

Financial Year 2023-24

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	High speed mechanical stirrer	High speed Long working Free from wear and tear	10	Numbers	7.50
2	Rotary evaporator	--	4	Numbers	30.00
3	Analytical balance	0.1 mg – 200g	6	Numbers	9.00
4	Microbalance	Microgram sensitivity	3	Numbers	3.00
5	High vacuum pump	--	4	Numbers	15.00
6	Automatic glass cleaner	--	2		40.00
7	Fluorescence microscope	Fluorescence filter 10 Megapixel camera	1	Numbers	15.00
8	Deep Freezer (-80° C)	-80° C 600 L	1	Numbers	8.00
9	Biosafety Cabinet class II	Class II 70% recirculation	1	Numbers	11.00



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10	Air conditioner	--	5	Numbers	5.00
11	Software and online resources	For QbD and PAD	1	Numbers	4.00
12	CO ₂ incubator	CO ₂ control range from 0.2 to 20%	1	Numbers	5.00
13	Consumables (Chemicals, Glass wares, and Plastic wares)	For formulation development	NA	Grams or miligrams and Numbers	60.00
14	Laboratory furniture	Islander table etc	NA	Numbers	40.00
15	Liquid nitrogen and cryocans	NA	NA	Numbers	3.00
16	Miscellaneous (small instruments, AMC)	NA	NA	Numbers	50.00
	Total				305.50

Financial Year 2024-25

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	BOD incubator	Microprocessor Control System PID temperature controller Safety thermostat for over temperature protection to meet APHA specifications Biochemical Oxygen Demand CFC free cooling systems (branded) Printer interface (DOT Matrix)	1	Numbers	2.00
2	Refrigerator	300-500 L Frost free 4 star or higher rating	10	Numbers	5.00
3	Fume hood	Safe, Adaptable, Flexible, Modular	6	Numbers	32.00
4	Nanodrop spectrophotometer	Wavelengths from 200 to 1000 nm Accuracies: 0.6 to 2 nm - Up to 200 Scans/s	1	Numbers	10.00



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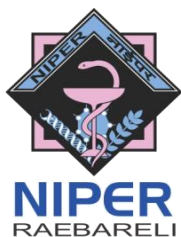
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5	Flow cytometer	System with minimum 2 lasers - 488 nm and 633 nm · Capability to simultaneously image minimum 4 colors, (i.e. 4 PMT)	1	Numbers	250.00
6	Zeta sizer	Parameters measured: Size, Zeta potential, Molecular weight, A2 Temperature control range 0°C to 90°C +/- 0.1°C Standard laser 10mW, 633nm 4mW, 633nm 4mW, 633nm	1	Numbers	30.00
7	Consumables (Chemicals, Glass wares, and Plastic wares)	For formulation development	NA	Grams or milligrams and Numbers	60.00
8	Laboratory furniture	Islander table etc	NA	Numbers	40.00
9	Liquid nitrogen and cryocans	NA	NA	Numbers	3.00
10	Miscellaneous (small instruments, AMC)	NA	NA	Numbers	50.00
	Total				482.00

Financial Year 2025-26

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	Nanospray dryer	Frequency 50/60 Hz Power consumption max. 1500 W Max. temperature input 120 °C	1	Numbers	22.00
2	Field Emission Scanning Electron Microscope (FE-SEM)	Resolution (sample dependent) of 1.2nm at 30kV and 3.0nm at 1kV	1	Numbers	350.00
3	UV visible spectrophotometer (Multi-channel)	Multi-station 8-10 Thermal setting	1	Numbers	18.00



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नाईपर रायबरेली ट्राजिट कैम्पस, बिजनौर – सिसेन्डी रोड, सरोजनी नगर, सीआरपीएफ बेस कैम्प के पास, लखनऊ (यू०पी०) – 226002

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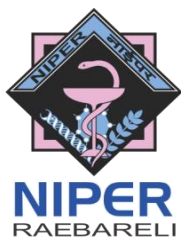
4	Air conditioner	--	4	Numbers	4.00
5	Portable vacuum pump	Portable Pulsatile	5	Numbers	5.00
6	Consumables (Chemicals, Glass wares, and Plastic wares)	For formulation development	NA	Grams or miligrams and Numbers	60.00
7	Laboratory furniture	Islander table etc	NA	Numbers	40.00
8	Liquid nitrogen and cryocans	NA	NA	Numbers	3.00
9	Miscellaneous (small instruments, AMC)	NA	NA	Numbers	50.00
	Total				552.00

3. Department of Medicinal Chemistry

Financial Year 2021-22

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	High performance liquid chromatography (HPLC) analytical	Analytical and auto-sampler	2	Numbers	120.00
2	Gas Chromatography–mass Spectrometry (GCMS)	GCMS with ECD and FID detector	1	Numbers	50.00
3	HPTLC instrument with MS	HPTLC applicator with software, Scanner with densitometer, data evaluation, Chromatogram development chamber, Photodocumentation system with software, HPTLC – MS Interface	1	Numbers	130.00
4	Fluorescence lifetime spectrometer	A fluorescence lifetime spectrometer is an instrument	1	Numbers	100.00
5	Refrigerator	Double door, 250 L	2	Numbers	2.00

6	Phase contrast microscope, CO2 incubator, Laminar air flow	Cell culture facility	1 each	Numbers	200.00
7	Fume hood	fume cupboard with nitrogen, air and water inlet	2	Numbers	10.00
8	Flash Column chromatography	Purify chemical mixtures	1	Numbers	25.00
9	Biosafety cabinet	Stainless steel - Heavy gauge	1	Numbers	15.00
10	Magnetic stirrer	Stirrer with hot plate	6	Numbers	6.00
11	Rotary evaporator	Evaporator with vacuum pump and chiller	1	Numbers	8.00
12	Analytical weighing balance	Weighing of chemical in mg scale	1	Numbers	1.00
13	High vacuum pump	High vacuum	1	Numbers	3.00
14	Automatic glassware cleaner	autocleaner	1	Numbers	20.00
15	Flammable cabinet	Store flammable chemicals	2	Numbers	16.00
16	Lyophilizers	For drying	1	Numbers	25.00
17	Air conditioner	Controlling humidity	5	Numbers	5.00
18	Microwave synthesizer	Synthesis via green method	1	Numbers	25.00
19	Steady state fluorescence spectrometer	fluorescence spectrometer	1	Numbers	40.00
20	Multimode microplate reader	Reading via UV, fluorescence	1	Numbers	50.00
21	hand held UV lamp	UV light	4	Numbers	8.00
22	Nitrogen Dewar	Nitrogen filling and store	3	Numbers	15.00
23	Software and online resources	Different software	---	Numbers	100.00
24	Deep freezer	-80 degree Celsius	1	Numbers	5.00
25	UV-visible spectrometer	UV absorbance	1	Numbers	20.00
26	Portable vacuum pump	With 5 mbar	5	Numbers	5.00
27	Consumables	For chemical and other	--	value	90.00
28	Miscellaneous	small instruments like UV cabinet, AMC	--	value	60.00
	Total				1154.00



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Financial Year 2022-23

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	High performance liquid chromatography (HPLC) analytical	Analytical and auto-sampler	1	Numbers	60.00
2	Refrigerator	Double door, 250 L	2	Numbers	2.00
3	Fume hood	fume cupboard with nitrogen, air and water inlet	2	Numbers	10.00
4	Flash Column chromatography	Purify chemical mixtures	1	Numbers	25.00
5	Magnetic stirrer	Stirrer with hot plate	10	Numbers	10.00
6	Rotary evaporator	Evaporator with vacuum pump and chiller	2	Numbers	16.00
7	Analytical weighing balance	Weighing of chemical in mg scale	2	Numbers	4.00
8	Lyophilizers	For drying	1	Numbers	25.00
9	Air conditioner	Controlling humidity	5	Numbers	5.00
10	Microwave synthesizer	Synthesis via green method	1	Numbers	25.00
11	Laboratory furniture	fluorescence spectrometer	2	Numbers	60.00
12	hand held UV lamp	Reading via UV, fluorescence	2	Numbers	10.00
13	Nitrogen Dewar	UV light	2	Numbers	10.00
14	Software and online resources	Softwares	---	Numbers	100.00
15	UPS	UPS for instruments	3	Numbers	30.00
16	Liquid nitrogen plant	Production of liquid nitrogen	1	Numbers	20.00
17	Deep freezer	At -80 degree	2	Numbers	10.00
18	UV-visible spectrometer	UV visible	1	Numbers	20.00
19	Portable vacuum pump	For vacuum	3	Numbers	3.00
20	Consumables	chemicals	--	value	100.00
21	Miscellaneous	small instruments like UV cabinet, AMC	--	value	60.00
	Total				605.00

Financial Year 2023-24

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	High performance liquid chromatography (HPLC) analytical	Analytical and auto-sampler	1	Numbers	60.00
2	Fluorescence lifetime spectrometer	A fluorescence lifetime spectrometer is an instrument	1	Numbers	100.00
3	Confocal Microscope	optical imaging technique	1	Numbers	300.00
4	Peptide synthesizer	Batch peptide synthesizers utilize larger scale reacto	1	Numbers	100.00
5	Refrigerator	Double door, 250 L	10	Numbers	10.00
6	X-ray diffractometer	XRD for atomic and molecular structure of a crystal	1	Numbers	200.00
7	Phase contrast microscope, CO2 incubator, Laminar air flow	Cell culture facility	1 each	Numbers	200.00
8	Fume hood	fume cupboard with nitrogen, air and water inlet	2	Numbers	25.00
9	Flash Column chromatography	Purify chemical mixtures	2	Numbers	50.00
10	Biosafety cabinet	Stainless steel - Heavy gauge	1	Numbers	15.00
11	Magnetic stirrer	Stirrer with hot plate	10	Numbers	5.00
12	Rotary evaporator	Evaporator with vacuum pump and chiller	2	Numbers	16.00
13	Analytical weighing balance	Weighing of chemical in mg scale	2	Numbers	4.00
14	High vacuum pump	High vacuum	2	Numbers	6.00
15	Automatic glassware cleaner	autocleaner	1	Numbers	20.00
16	Flammable cabinet	Store flammable chemicals	2	Numbers	10.00
17	Lyophilizers	For drying	1	Numbers	25.00
18	Air conditioner	For controlling humidity	5	Numbers	5.00



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19	Software and online resources	Software	---	Numbers	100.00
20	UV-visible spectrometer	UV visible	1	Numbers	20.00
21	Portable vacuum pump	For filtration	5	Numbers	5.00
22	Consumables	Chemicals	--	value	100.00
23	Miscellaneous	small instruments like UV cabinet, AMC	--	value	100.00
	Total				1476.00

Financial Year 2024-25

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	High performance liquid chromatography (HPLC) analytical	Analytical and auto-sampler	1	Numbers	60.00
2	Fast Protein Liquid Chromatography (FPLC)	FPLC with fraction collector (24 MPa)	1	Numbers	80.00
3	MALDI-TOF Mass Spectrometer	MALDI-TOF/TOF autoflex speed incorporates	1	Numbers	400.00
4	HPTLC instrument with MS	HPTLC applicator with software, Scanner with densitometer, data evaluation, Chromatogram development chamber, Photodocumentation system with software, HPTLC – MS Interface	1	Numbers	150.00
5	Confocal Microscope	optical imaging technique	1	Numbers	300.00
6	Refrigerator	Double door, 250 L	2	Numbers	2.00
7	Portable vacuum pump	Vacuum filtration	2	Numbers	2.00
8	Consumables	chemicals	--	value	100.00
9	Miscellaneous	small instruments like UV cabinet, AMC	--	value	100.00
	Total				1194.00

Financial Year 2025-26

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	High performance liquid chromatography (HPLC) analytical	Analytical and auto-sampler	1	Numbers	60.00
2	Fast Protein Liquid Chromatography (FPLC)	FPLC with fraction collector (24 MPa)	1	Numbers	80.00
3	Nuclear Magnetic Resonance (NMR)	NMR 700 MHz with cryoprob	1	Numbers	2100.00
4	Gas Chromatography–mass Spectrometry (GCMS)	GCMS with ECD and FID detector	1	Numbers	50.00
5	MALDI-TOF Mass Spectrometer	MALDI-TOF/TOF autoflex speed incorporates	1	Numbers	400.00
6	HPTLC instrument with MS	HPTLC applicator with software, Scanner with densitometer, data evaluation, Chromatogram development chamber, Photodocumentation system with software, HPTLC – MS Interface	1	Numbers	150.00
7	Laboratory furniture	Developing labs	4	Numbers	150.00
8	Refrigerator	Double door, 250 L	2	Numbers	2.00
9	Consumables	For chemicals	--	value	100.00
10	Miscellaneous	small instruments like UV cabinet, AMC	--	value	100.00
	Total				3192.00



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4. Central Procurement

Financial Year 2021-22

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	Room Air- conditioner	1.5 Ton, (5 Star BEE)	5	Numbers	3.00
2	Office Furniture (Table+ Chair)	T9 Table/Executive Table/Chair	15	Sets	12.50
3	Multifunctional Office Printing Machine	LaserJet/Color All in One	15	Numbers	3.00
4	Desktop System	Core i7, 1TB HDD, RAM 8GB	15	Numbers	11.25
5	Laptop	Core i7, 1TB HDD, RAM 8GB	15	Numbers	11.25
6	Almirah	Godrej Almirah	10	Numbers	2.50
7	Chair for conference room	Multi task Chair	50	Numbers	2.50
8	Projector	Android Based Smart Projector	2	Numbers	6.00
	Total				52.00

Financial Year 2022-23

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	Room Air- conditioner	1.5 Ton, (5 Star BEE)	5	Numbers	3.00
2	Office Furniture (Table+ Chair)	T9 Table/Executive Table/Chair	15	Numbers	12.50
3	Multifunctional Office Printing Machine	LaserJet/Color All in One	15	Numbers	3.00
4	Desktop System	Core i7, 1TB HDD, RAM 8GB	15	Numbers	11.25
5	Laptop	Core i7, 1TB HDD, RAM 8GB	15	Numbers	11.25
6	Almirah	Godrej Almirah	10	Numbers	2.50
7	Chair for conference room	Multi task Chair	50	Numbers	2.50
8	Projector	Android Based Smart Projector	1	Numbers	3.00
	Total				49.00



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Financial Year 2023-24

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	Room Air- conditioner	1.5 Ton, (5 Star BEE)	5	Numbers	3.00
2	Office Furniture (Table+ Chair)	T9 Table/Executive Table/Chair	15	Numbers	12.50
3	Multifunctional Office Printing Machine	LaserJet/Color All in One	15	Numbers	3.00
4	Desktop System	Core i7, 1TB HDD, RAM 8GB	15	Numbers	11.25
5	Laptop	Core i7, 1TB HDD, RAM 8GB	15	Numbers	11.25
6	Almirah	Godrej Almirah	10	Numbers	2.50
7	Chair for conference room	Multi task Chair	50	Numbers	2.50
8	Projector	Android Based Smart Projector	1	Numbers	3.00
	Total				49.00

Financial Year 2024-25

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	Room Air- conditioner	1.5 Ton, (5 Star BEE)	5	Numbers	3.00
2	Office Furniture (Table+ Chair)	T9 Table/Executive Table/Chair	15	Numbers	12.50
3	Multifunctional Office Printing Machine	LaserJet/Color All in One	15	Numbers	3.00
4	Desktop System	Core i7, 1TB HDD, RAM 8GB	15	Numbers	11.25
5	Laptop	Core i7, 1TB HDD, RAM 8GB	15	Numbers	11.25
6	Almirah	Godrej Almirah	10	Numbers	2.50
7	Chair for room	Multi task Chair	25	Numbers	1.50
	Total				45.00



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Financial Year 2025-26

Sr. No.	Description of Item	Broad Specification Parameters	Qty	Accounting Unit (Nos/ Kilo-meters/Ton...)	Estimated Value of Procurement INR (Lakhs)
1	Room Air- conditioner	1.5 Ton, (5 Star BEE)	5	Numbers	3.00
2	Office Furniture (Table+ Chair)	T9 Table/Executive Table/Chair	15	Numbers	12.50
3	Multifunctional Office Printing Machine	LaserJet/Color All in One	15	Numbers	3.00
4	Desktop System	Core i7, 1TB HDD, RAM 8GB	15	Numbers	11.25
5	Laptop	Core i7, 1TB HDD, RAM 8GB	15	Numbers	11.25
6	Almirah	Godrej Almirah	10	Numbers	2.50
7	Chair for conference room	Multi task Chair	25	Numbers	1.50
	Total				45.00