

भारतीय प्रौद्योगिकी संस्थान गोवा
INDIAN INSTITUTE OF TECHNOLOGY GOA

List of proposals forming part of procurement plan for 2021-22.

Sr. No.	Proposals
1	NMR
2	Chemoffice
3	CSD
4	Intel Compiler License
5	ID-Card Printer
6	CCTV Installation
7	Scanning Mobility Particle Sizer (SMPS) (Particulates)
8	Temperature & Humidity Controlled Glove Box
9	Atomizer
10	Spin coater (nanoparticle)
11	Ductless hood with Spray coating facility
12	Vacuum oven
13	Refractometer, pH meter, Turbidity meter etc. equipment
14	Ultracentrifuge Particle size Analyzer (CPC) or a Lumisizer (Both work on sample principle)
15	H2 generator
16	Basic Robotics Lab
17	NVIDIA DGX Machine
18	LabView Software
19	Micro Lab box (Dspace)
20	a. Cross section (PCB & Component) - Precision saw b. Grinding & Polishing
21	Vacuum chamber for red ink test & Accessories
22	Impedance/LCR Analyzer
23	Wire bonding (with flip chip feature)
24	Surface characterization tool
25	4 GHz, 4 channel real-time oscilloscope
26	Heat conduction in metals setup
27	LS Dyna software
28	Heat conduction in liquids setup
29	Beam bending apparatus
30	Optical microscope (2)
31	Polymer 3D printer
32	2-Color Pyrometry setup
33	Environmental Monitor
34	Laser Induced Incandescent (LII)
35	Climate controlled and inert atmosphere Glovebox
36	Annealing cum Reactive Ion Etching System
37	Optical table for Raman/PL System in the PG Block
38	Source-Meter Tektronix Model 2400



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39	Non-Destructive Testing and Metallurgical Characterisation of Induction heating Assisted Friction Stir Welding of High Yield Strength Steels
40	Basic Electrical measuring equipment
41	Syringe pump (push-pull)
42	Back up with Li-battery for UPS and maintenance
43	Polarimeter
44	Ductless fume hood and flammable cabinet
45	AMBER software
46	Ball Milling Machine
47	8 Channel DSO with isolated probes
48	DC Series Motor and Synchronous Machine workbench
49	MagNet FE software
50	Electronic load, 800V, 20A, 3.5kW programmable regenerative AC/DC load.
51	NI multisim software licenses (25)
52	8 Analog/64 digital channel, 500MHz, mixed signal scope with standard probes with power analysis add-on.
53	HV probes, differential, 1300V, 500MHz. (4 nos)
54	Current probes, 200MHz, 100A, BNC. (4 nos)
55	High voltage DC Supply and related accessories
56	4 analog channel /1 GHz Oscilloscope with related accessories
57	Insulation + Earth resistivity tester + Other accessories
58	2 kW programmable load
59	8 channel, Isolated DSO 2 nos with voltage and current probes
60	MicroLab Box with software and workstation Top Panel Variant with BNC Connectors, NXP (Freescale) QorIQ P5020, dual-core, 2 GHz, 8 14-bit 10MSPS +/-10V Analog inputs, 16 16-bit Analog outputs, CAN, LVDS, Ethernet, USB interface, Kintex®-7 XC7K325T FPGA, 48 bidirectional 48 bidirectional Digital I/O, MATLAB Simulink compatible software modules.
61	Shaper
62	Automatic Grinding/Polisher
63	Density Measurement weighing scale
64	Micromanipulator
65	Sand blasting machine
66	Wire Cut EDM
67	ABAQUS (6 licences)
68	Converge CFD
69	M.Sc general lab-1
70	@Infiniband switch and VPI adapter for computing cluster.
71	Software and licenses
72	Co2 Incubator
73	Weighing balance
74	Co2 cylinders
75	Cyclo mixer with brushless motor (Vortex)
76	PH meter
77	Autoclaving setup - (electric heater and cooker)
78	Media filtering system
79	Reusable bottle top filter unit
80	Laminar Air Flow hood (LAF)
81	Research plus 6pack & a Pipette carousel
82	Refrigerator



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83	Table-top centrifuge
84	Liquid Nitrogen Container LN2 47 L
85	Haemocytometer
86	Tissue culture microscope
87	Tissue culture microscope - Camera
88	Water Bath
89	Cryobox
90	Laminar Air Flow hood (LAF)
91	Shaking incubator
92	Research plus 6pack & a Pipette carousel
93	Universal Centrifuge
94	UV-Visible spectrophotometer (Nanodrop)
95	Gel running apparatus
96	Power supply for electrophoresis
97	Microwave oven
98	Weighing balance
99	Gel documentation system
100	Platform rocker
101	-80 freezer
102	Thermal recycler (PCR)
103	Real-time PCR
104	Refrigerator
105	Research plus 6pack & a Pipette carousel
106	Heater block
107	PH meter
108	Hot Air Oven
109	Plate reader
110	Sonicator
111	Incubator (without shaker)
112	Confocal microscope
113	Flow cytometer - Analyser
114	Inverted fluorescence microscope




 Chief Materials Manager & Admin. Advisor