

1	Batteries (115 nos) for 6kVA Online UPS
2	Mercury (consumable) for testing samples in Mercury Intrusion Porosimeter, PM-60.
3	Standard Reference materials (SRM, 03 nos.) for Microtrac S3500.
4	Standard Reference materials (SRM, 03 nos for Specific surface Area and 01 no. For Pore volume) for calibration of Nova 4000e and AutosorbIQ3. These are N2 adsorption based surface area analyzers for meso and micropore analysis, respectively
5	Standard Reference materials (SRM, 01 no. For particle size and 01 no. For zeta potential measurement) for calibration of Malvern Nano ZS.
6	Liquid nitrogen for testing samples in Mercury Intrusion Porosimeter, PM-60, Specific surface area analyzer, Autosorb and Nova models and for measurement of coefficient linear expansion at cryogenic temperatures
7	Gases: N2, O2 and zero air for DTA, DSC, TGA
8	Cleaning solvents, acetone, IPA, etc
9	Consumable for XRD and XRF laboratory (Acetone, alcohol, CaF2, Boric acid, Lithium tetraborate , cotton, Tissue papers, Cellotape etc)
10	Consumable for FESEM laboratory :
	Ampoules
	droppers
	lint free tissue paper
	Test tubes
	double stick tape
11	Consumables for Computers :
	Printer cartridges
12	Gas Cylinders (Argon, Nitrogen) for FESEM and XRF Laboratory
13	Renewal of XRD database (PDF-4+)
14	AMC for FESEM-EDX (Sigma) Carl Zeiss
15	AMC for FESEM-EDX (Supra 35 VP) Carl Zeiss
16	AMC for UPS--attached to Supra 35VP FESEM System
17	On Call basis Charge- contract with PANalytical for maintenance of XRF & its accessories
18	AMC for 10 KVA UPS (Emerson make) attached in XRF
19	AMC for 20 KVA UPS attached with XRF
20	AMC for (Two) 10KVA UPS (Emerson make)
21	AMC for Brukers XRD System
22	AMC for two UPS for Bruker XRD system
23	AMC for Rigaku XRD system (Ultima IV)
24	AMC for two UPS for Rigaku XRD system
25	WELLER DS 114 desoldering tip
26	Desoldering Station with replacement nozzles
27	Metal bristle brush required for cleaning of electrode and metal pipes.
28	4 wire master RTD required for low temperature calibration

29	Acetone, Isopropyl alcohol, ethyl alcohol, Glass beaker etc. for central material characterization facility.
30	Black printer cartridge
31	Electronic components (IC, transistor, resistor, capacitors, diodes etc), electrical components (relay, switch, lamps, connectors, contactors etc.) and tools (multimeter, clamp meter, plier, screwdriver etc) required for internal repairing and maintenance work of the Institute
32	Telephone coil cord
33	2pin RJ11 plug
34	4pin RJ11 plug
35	Telephone line Tester
36	Krone punch down tool
37	12v 7.2AH rechargeable (VRLA)Battery for UPS
38	AAA (Rechargeable) Battery -ENVIE
39	AA (Rechargeable) Battery –ENVIE
40	AAA (Alkaline) Battery -Panasonic
41	AA (Alkaline) Battery -Panasonic
42	9V (Alkaline) Battery -Panasonic
43	9V (Rechargeable) Battery –ENVIE/Infinite
44	Pointer - Logitech
45	Headphone (Samsung/Mi)
46	32GB pen drive
47	Mouse (wireless) - Logitech
48	Keyboard (wireless) – Logitech
49	Mouse (wired) – Logitech
50	Keyboard (wired) – Logitech
51	HDMI to VGA converter (with audio cable)
52	HDMI to HDMI cable
53	2 core & Multi core Screened cable for replacement of old communication cable of public address system at MN Saha Auditorium Hall &Atma Ram Committee Room
54	Helium, Oxygen and Nitrogen gas cylinder required for Central Material Characterization Facilities of Instrumentation Section.
55	Hand wash, liquid soap, gloves
56	ASTM/IP Glass thermometer
57	Comprehensive AMC of computerized biometric attendance system
58	Comprehensive AMC of MITEL MXONE SERVER 6.3 SYSTEM (Telephone Exchange)
59	External calibration charge of reference thermocouple used for thermocouple calibration
60	Repairing and service charge of 3-PH 20KVA UPS
61	Repairing and service charges of TC600, C600 Analyzer

Sl. No.	ITEMS	MAKE
62	300 mesh Carbon coated Copper Grid 1843F	Pelco
63	Ultra thin Carbon film coated Copper Grid (1824)	Pelco
64	Anode plate	FEI
65	Objective aperture set	FEI
66	Whenelt aperture (pack of 5 nos.)	FEI
67	Argon Gas	Prakash
68	Oxygen Gas	Prakash
69	Nitrogen Gas	Prakash
70	SF6 gas	Alchemie
71	AMC of TEM	
72	On call Service for TEM sample preparation equipments.	
73	Diaphragm Kit for ion-mill pump	GATAN Inc.
74	Acetone	Merck
75	IPA	Merck
76	Methanol	Merck
77	Ampules	Tarsons
78	TEM Monitor	
79	Wireless mouse	
80	Pendrive	
81	Plain Tissue Paper	
82	Lint Free Tissue paper	
83	Liquid Nitrogen	
84	Disposable Gloves	
85	Aluminum Foil	
86	Colin	
87	Zip Packet	
88	Liquid Soap	
89	Johnson Buds	
90	Tooth Pick	
91	Teflon Tape	
92	Micro Glass Slides 75mmX25 mmX1.35 mm	
93	HP Magenta Color LaserJet Cartridge (CB543A)	HP
94	HP Yellow Color LaserJet Cartridge (CB542A)	HP
95	HP Black Color LaserJet Cartridge (CB540A)	HP
96	HP Cyan Color LaserJet Cartridge (CB541A)	HP
97	HP cartridge 36A	HP
98	Carbon Tape (single sided)	
99	Carbon Tape (double sided)	
100	Fuse for TMP	
101	White Bulb	
102	Allen Key Set	
103	Solder metal	
104	Solder Paste	
105	Battery of Different size	

106	Packing Tape	
107	Slippers	
108	Lint free clothes	
109	Covered Dust Bin	
110	Jug to pour Liquid Nitrogen	