



**Institution of Eminence Cell
Indian Institute of Technology Bombay**

Health Science and Engineering

Facilities Currently Available

Sr. no.	Items	Contact Person	Department
1	NGS System,TCS	Prof.Santanu K. Ghosh	BSBE
2	Lattice Light Sheet Microscope	Prof.Anirban Banerjee	BSBE
3	High-Resolution imaging system	Prof.Anirban Banerjee	BSBE
4	Ultramicrotome	Prof.Anirban Banerjee	BSBE
5	Multiphoton imaging equipment,CO2 Incubation	Prof.Prakriti Tayalia	BSBE
6	AMC 2years,HPC cluster with one master node,Compute Nodes, Switches,UPS,Server rack with PDU,Battery	Prof.R N Padinhateeri	BSBE
7	Storage facility with 500 TB capacity	Prof.R N Padinhateeri	BSBE
8	Thermal cyclcer	Prof.Santanu K. Ghosh	BSBE
9	Qubit 4	Prof.Santanu K. Ghosh	BSBE
10	Imaging and Monitoring of blood flow Sys	Prof.Prakriti Tayalia	BSBE
11	Magnetic stand-96	Prof.Santanu K. Ghosh	BSBE
12	16 Tube magnetic rack Biorad	Prof.Santanu K. Ghosh	BSBE
13	REFRIGERATED CENTRIFUGE FOR R	Prof.Santanu K. Ghosh	BSBE
14	Dry bath	Prof.Santanu K. Ghosh	BSBE
15	AMC,Optical Tweezers Facility	Prof.Ambarish Kunwar	BSBE
16	Liquid handling equipment,Liquid handling equipment	Prof.Santanu K. Ghosh	BSBE
17	Liquid handling equipment	Prof.Santanu K. Ghosh	BSBE

18	PCR Workstation	Prof.Santanu K. Ghosh	BSBE
19	microplate shaker	Prof.Santanu K. Ghosh	BSBE
20	Deep freezer	Prof.Santanu K. Ghosh	BSBE
21	Computer Workstation	Prof.Santanu K. Ghosh	BSBE
22	Multichannel pipette	Prof.Santanu K. Ghosh	BSBE
23	Cas no. 5067-1511,Cas no. 5067-1513,Cas no. 5067-4626,Cas no. 5	Prof.Santanu K. Ghosh	BSBE
24	Whirlpool 330 L 3 Star Frost Free Double	Prof.Santanu K. Ghosh	BSBE
25	Split AC 1.5TR	Prof.Santanu K. Ghosh	BSBE
26	Laser free confocal attachment	Prof.Anirban Banerjee	BSBE
27	3KVA UPS	Prof.Santanu K. Ghosh	BSBE
28	Ranger 2000 Compact Bench Scale	Prof.Prakriti Tayalia	BSBE
29	Small Animal Anesthesia System	Prof.Prakriti Tayalia	BSBE
30	F18 Mifare System,No touch exit switch	Prof.Anirban Banerjee	BSBE
31	HIKVISION 2MP IR DOME CAMERA	Prof.Anirban Banerjee	BSBE
32	HIKVISION 8 CH STANDALONE NVR,8CH POE SWITCH,2TB SATA SV35 HDD, CAT6 CABLE WITH CONDUITS & CABLING,3U NVR RACK WITH COOLING FAN & PDU	Prof.Shamik Sen	BSBE
33	Cyclospinner	Prof.Prakriti Tayalia	BSBE
34	Vertical Thermostatic Decontamination un	Prof.Prakriti Tayalia	BSBE
35	Ultracold casket,Cryocabinet,Ultracold carcass-discard casket	Prof.Prakriti Tayalia	BSBE
36	SITC 4 TR inverter ductable AC,VAV 50-1200 CFM Bypass type,Insta	EMD AC and DG	
37	Camcoder	Prof.Prakriti Tayalia	BSBE
38	Computer Chair (RK EMPIRE) Model RKCM109	Prof.Shamik Sen	BSBE
39	Executive Chair (RK EMPIRE) Model RKRC17	Prof.Shamik Sen	BSBE
40	Office table–size–48"x24"x30" Gayatri	Prof.Shamik Sen	BSBE
41	online ups with unity power factor,26AHx17 battery set with 2 years w	Prof.Shamik Sen	BSBE
42	DLINK RACK – 6U with 24 Port Gigabit Swi	Prof.Shamik Sen	BSBE
43	UPS 10kva,12V/65Ah Battery	Prof.Ambarish Kunwar	BSBE
44	2 KVA stabilizer,1 KVA stabilizer,Freight charges	Prof.Santanu K. Ghosh	BSBE
45	Electromagnetic Lock,Exit Switch SMPS,In	Prof.R N Padinhateeri	BSBE
46	HIKVISION 2MP IP DOME CAMERA,4CH POE SWITCH,POE SWITCH RACK,CAT 6 CABLE WITH CABLING CHARGES	Prof.R N Padinhateeri	BSBE

47	Dell 24" Monitor,Dell wired multimedia keyboard,Seagate one touch 2TB portable HDD,Dell wired mouse	Prof.Santanu K. Ghosh	BSBE
48	Spinix TM voterx shaker	Prof.Santanu K. Ghosh	BSBE
49	Electronic Work Station,Electronic Impressions Machine	Prof.Prakriti Tayalia	BSBE
50	Aqua Filtration Unit	Prof.Prakriti Tayalia	BSBE
51	Liquid handling system F1 variable cap	Prof.Santanu K. Ghosh	BSBE
52	Liquid handling system F1 variable cap	Prof.Santanu K. Ghosh	BSBE
53	Spinwin microcentrifuge	Prof.Santanu K. Ghosh	BSBE
54	27U Rack H x 800mm W x 1000mm D	Prof.R N Padinhateeri	BSBE
55	Dehumidifier (10-90% range)	Prof.Anirban Banerjee	BSBE
56	Dehumidifier 60L	Prof.Ambarish Kunwar	BSBE
Following Facilities are being Commissioned			
1	Micro CT and optical imaging for animal,Animal Isolation box	Prof.Rahul Purwar	BSBE
2	GAMMA CHAMBER-5000,Installation & Transportation	Prof.Prakriti Tayalia	BSBE
3	Surgical Microscope	Prof.Prakriti Tayalia	BSBE
4	High Efficiency particulate filter steri	Prof.Prakriti Tayalia	BSBE
5	Objective PApo 10x/0,45 WD=2.0 M27(Lens)	Prof.Prakriti Tayalia	BSBE
6	Compute Nodes,UPS,UPS Battery Pack	Prof.R N Padinhateeri	BSBE
7	Bioprinter and accessories,Warranty 3 years	Prof.Shamik Sen	BSBE
8	SITC 4 TR inverter ductable AC,VAV 50-1200 CFM Bypass type,Installation Work	Prof.Shamik Sen	BSBE
9	Phase contrast microscope	Prof.Prakriti Tayalia	BSBE
10	3D Bioprinter,3D Bioprinter,Computer,UPS	Prof.Abhijit Majumder	Chemical Engg
11	Steam Sterilizer	Prof.Prakriti Tayalia	BSBE

12	IVC Cage for Mice,IVC Cage for Mice,IVC Cage for Mice,IVC Cage for Mice,IVC Cage Rack for holding 48 cages,Mice conventional cages,Mice conventional cages,Mice conventional cages,Mice conventional cages,Mice conventional cages,Mice conventional cages,Mice conventional cages,Hanging type double side rack,Rat conventional cages,Rat conventional cages,Rat conventional cages,Rat conventional cages,Rat conventional cages,Hanging type double side rack for holdin,Rabbit Cage (Standard Type),Trolley for holding 3 Rabbit cages,Rabbit Cage Breeding Type,Rack to hold Breeding type cage,Laboratory Trolley for General Purpose,IVC Air Handling Unit	Prof.Prakriti Tayalia	BSBE
13	Power Distribution Unit	Prof.Ranjith Padinhateeri	BSBE
14	Monitor for server & Storage facility	Prof.Ranjith Padinhateeri	BSBE