

SL No	Equipment	Installation / Year of purchase	Status	Technical staff In-charge	Faculty In-charge/ Indentor	Location/ Remarks (if not working)	Assigned TA
1	Multichannel Electrochemical Workstation Make: Metrohm Autolab Model: Autolab M204	2023	Functioning	KKS	CM	Instrument room, First Floor	
2	UV-Vis Spectrophotometer with plate reading option Make: Thermo Fisher Model: MultiskanGo	2017	Functional		KPB		
3	UV-Visible Spectrophotometer Make: Hitachi Model: U-2910	2018-19	Functioning	AG	UM	Physical Lab, Ground Floor	
4	UV-Visible-NIR Spectrophotometer Make: PerkinElmer , Model: Lambda	2010-2011	Functioning	KKS	CM	Instrument room, First Floor	
5	PC controlled Double beam UV-Visible Spectrophotometer (05 Nos.) Make: Shimadzu, Model: UV-1800	2010-2011	Not function	AG	CM	Physical Lab, Ground Floor	
6	Double Beam UV-Visible Spectrophotometer Make: PerkinElmer Model: Lambda 25	2009-2010	Functioning	KKS	KM	Instrument room, First Floor	
7	UV-Visible Double Beam Spectrophotometer Make: Agilent Model: Carry 100	2018-19	Functioning	KKS	KM	Instrument room, First Floor	
8	Double Beam UV-Visible Spectrophotometer (Solid & Liquid) Make: PerkinElmer Model: Lambda	2023	Functioning	KKS	DM	Instrument room, First Floor	
9	Semi preparative HPLC system (Make: Thermo, Model: Ultimate 3000)	2014-2015	Functioning	KKS	DPD	New Instrument room, 2nd Floor	

10	HPLC system, Make: Agilent Model: 1260 Infinity II	2020	Functioning	KKS		New Instrument room, Second Floor	1. Sukesh Shill (Prof. B.H. Mandal) 2. Malay Kumar Baroi (Prof. D. Das) 3. Avinash Kumar (Prof. L.M. Kundu)
11	Analytical HPLC with all Accessories Make: Thermofisher Model: Vanquish	2022	Functioning	DH	DM	New Instrument room, 2nd Floor	
12	GCMS System, Model: G7082CW, Make: Agilent Technologies	2023	Functioning	AMB	DS	New Instrument room, 2nd Floor	1. Hirak Jyoti Phukan (Prof. D. Srimani) 2. Risha Kalita (Prof. B. Mondal) 3. Mrityunjoy Dey (Prof. K. Raidongia) 4. Anit Pal (Prof. Animesh)
13	Gas Chromatography System Make: PerkinElmer Model: Clarus 590	2017-2018	Functioning	AMB	DS	Instrument room, First Floor	
14	Gas Chromatography System Make: Model:		Not Functioning	AMB	DS	New Instrument room, Ground Floor, Transferred	
15	Make: Antonpaar Model: MCP 5100	2022	Functioning	KKS	SCP	Instrument room, First Floor	
16	Single Crystal X-ray Diffractometer system Make: Bruker Model: D8 Quest	2021	Functioning	KKS	CM/GD	Ground Floor, near security desk	1. Oiyao Appun Pegu (Prof. Gopal Das) 2. Satyendra Verma (Prof. J.B. Baruah) 3. Arup Samanta (Prof. D. Srimani) 4. Mrinmoy Borah (Prof. B.
17	Bench-Top Powder X-ray Diffractometer Make: Bruker , Model:	2010-2011	Functioning	KKS	SPB	Instrument room, First Floor	
18	400 MHz Bruker NMR Make: Bruker Model: AVANCE	2017-2018	Functioning	II	TP/AKS	Ground Floor, Procured under the	
19	500 Hz NMR Spectrometer Make:	2020	Functioning	II	AKS/TP	Ground Floor	

20	Refrigerated Centrifuge with accessories Make: Eppendorf Model:	2019-20	Functioning	KKS	DM/AC	Instrument room, First Floor	
21	Ice Flaker Machine (100 kg capacity) , Make: WENSAR LABMAN, Model: LMIF-100, Quantity: 02	2023	Functioning	LN	KPB	First floor corridor	
22	Ice Flaker Machine (50 kg capacity) Make: WENSAR LABMAN , Model: LMIF 50 , Quantity: 01	2023	Functioning	LN	KPB	2nd floor above chemistry office , near the stair case	
23	Ice Machines (03 + 02 Nos.)Make: SIMAG & Monotowec	2015-2016	NOT Functioning	LN	KPB	1ST FLOOR CORRIDOR (ONLY	
24	Ice Flaking Machine Model: IFM-150-Flake	2018-19	Functioning	LN	ASA	GROUND FLOOR NEAR WASH ROOM	
25	ICE FLAKER MACHINE Make: SIMAG Model: SPR200 (Cap. 200 Kg)	2019-20	NOT Functioning	LN	KPB	1ST FLOOR	
26	Fluorescence Spectrophotometer Make: Horiba Model: Fluoromax -4C	2018-19	Functioning	KKS	ASA	Instrument room, First Floor	
27	FTIR Spectrophotometer Make: PerkinElmer Model: Spectrum Two (02 Nos.)	2018-19	Functioning	AG		Instrument room, First Floor	
28	Atomic Force Microscope, Make: Oxford Instruments	2018-19	Functioning	AMB	PKI	Near Chemistry Office room, First Floor, Procured under the MHRD-FAST project	Ujjala Dey (Prof. AC's group) Sujay Paul (Prof. AC's group) Arin Bhakat (Prof. AC's group) Kiran Mayawad (Prof. KR's group)
29	Solvent Purification System Make: MBraun Model: SPS-800	2017-2018	Functioning	-	PKK		
30	Pressure Vessel Systems 50 ML Make: Parr Instrument Company, USAModel: 4792 (VGR)	2017-2018	Functioning	-	AKAS		

31	High Speed Refrigerated Centrifuge Make: Harmle Model: Z36	2017-2018		KKS	DM	New Instrument room, 2nd Floor	
32	Ozone Generator and Oxygen Flow Regulator Make: Eltech Model: EL-OZ-O-25 gm/hr	2017-2018	Functioning	-	SCP		
33	Digital SMU with Potentiostat Make: Keithley Model: 2450 EC	2017-2018	Functioning	-	KR		
34	BENCH TOP ION METER Make: Thermo Scientific Model: Orion Star	2017-2018	Functioning	-	DM		
35	Automatic Potentiometric Titrator Make: Metrohm AG	2017-2018	Functioning	-	CM		
36	Bench top Cascade Freeze Dryer system Make: Labconco Corporation, USA, Model: FreeZone 4.5 Liter Benchtop Freeze Dry	2016-2017	Functioning	-	KR		
37	INVERTED LED MICROSCOPE FOR BRIGHTFIELD, DIC, LED FLUORESCENCE WITH 5MP CCD CAMERAMake: Nikon Model: ECLIPSE	2016-2017	Functioning	LN	UM	Instrument room, First Floor	
38	Computer Cluster Master Node : HPDL380 GEN8 Computer Node: Proliant XL 170 GEN Chasis : HP Appollo 6000 24 port 36U Rank	2015-2016	Functioning	AG	ANP/SP	Computer center, Department + FIST Grant	
39	TCS PC Lifetime system with MCP detection (Make: Hariba Jobin, Model: Ultrafast-01-DD)	2014-2015	Functioning	II	KS	Instrument room, First Floor	
40	Circular Dichroism Make: Jasco Model: J-1500	2014-2015	Functioning	KKS	BHM	Instrument room, First Floor,	
41	Multifunctional Copy/Print/Scan/Fax Machine Make: Kyocera, Model: TA-3551 ci	2014-2015	Not Functioning	-	CH101 Coordinator		
42	FTIR Spectrophotometer (Make: PerkinElmer, Model: Spectrum Two)	2013-2014	Functioning	AG	CM/BM	Instrument room, First Floor	

43	Microwave Reactor (Make: CEM Corporation, Model: Discover	2013-2014	Functioning	KKS	LMK/CK J/SPB	New Instrument room,Ground Floor	
44	Steady State Fluorescence Spectrophotometer (Make: Horiba, Model: Fluoromax –4P)	2016-2017	Functioning	II	GK/KS/ KR	Instrument room, First Floor	
45	Steady State Fluorescence Spectrophotometer (Make: Horiba, Model: Fluoromax –4C)	2013-2014	Functioning				
46	Steady State Fluorescence Spectrophotometer Make: Horiba, Model: Fluoromax –4)	2012-2013	Functioning			Instrument room, First Floor	
47	Steady State Fluorescence Spectrophotometer Make: Horiba, Model: Fluoromax-4	2009-2010	Functioning				
48	Fluorescence Spectrophotometer for Solid and Liquid Sample Make: Horiba, Model: Fluoromax plus		Functioning	KKS	DM	Instrument room, First Floor	
49	Fluorescent Cell Imager Make: Bio-	2017	Functional		KPB		
50	Nano particle Size, Zeta Potential, Molecular weight and the measurement facility of zeta-potential of solid surface, Make: Malvern , Zetasizer Nano ZS90)	2013-2014	Functioning	KKS	DPD	New Instrument room, 2nd Floor	
51	Elix 3 and Milli Q Ultrapure Water Purification System, Make: Millipore, Model: Elix 3 & Milli Q	2011-2012	Functioning	SKM	KR/SC	Ground Floor	
52	Olympus Upright Research Microscope Make: Olympus , Model:	2009-2010	Functioning	KKS	UM	Instrument room, First Floor	
53	Magnetic Susceptibility Balance (03 Nos.)Make: Sherwood Scientific, Model: Mark-1	2000, 2009-2010	Functioning	--	MR		

54	Thermo Gravimetric Analyzer, Make: PerkinElmer, Model No.: TGA4000	2021	Functioning	KKS	ASA	Instrument room, First Floor	1. Rakesh Routh (Prof. D. Das) 2. Rubi Moral (Prof. G. Das) 3. Nabamallika Nath(Prof. K. Raidongiya) 4. Sarwar Parvej (Prof. A. S. Achalkumar)
55	Differential Scanning Calorimeter, Make: Mettler-Toledo; Model: DSC1	2013	Functioning	KKS	ASA	Instrument room, First Floor	1. Suravi Paul (Prof. S.S. Bag) 2. Satyendra Verma (Prof. J.B. Baruah) 3. Nandan Kumar (Prof. A. S. Achalkumar) 4. Pritam Giri (Prof. U. Manna)
56	Differential Scanning Calorimetry (DSC) Analyzer Make: PerkinElmer Model: Lambda 25 Make: TA Instruments, Model: Q20	2009-2010	Not Functioning	--	ASA	Instrument room, First Floor	
57	High Purity Nitrogen Generator, Make: Peak Scientific, Model:	2024	Functioning	KKS	BHM	Instrument room, First Floor	
58	De-humidifier, Make: Bry Air: Model: FBB600	2024	Functioning		DM	Instrument room, First Floor	
59	Microwave Reactor, Make: CEM Corporation, Model: Discover			KKS		New Instrument room, Ground Floor	
60							
61	Fuji 1000VA Minivet UPS_ 3 Nos	2024	Functioning	DKH	KR		
62	1 kVA on line UPS system_1 No	2022	Functioning	DKH			
63	5KVA	KL-B5-157	Functioning	DKH		: both old and extension building installed: 2003-	
64	5KVA	KL-B5-	Functioning	DKH			
65	5KVA	KL-B5-	Functioning	DKH			
66	5KVA	KL-B5-	Functioning	DKH			
67	5KVA	KL-B5-	Functioning	DKH			

68	5KVA	UL-H6-	Functioning	DKH			
69	10KVA	DS-B5-	Functioning	DKH			
70	10KVA	DS-F8-	Functioning	DKH			
71	2KVA	KL-A4-	Functioning	DKH			
72	20KVA	89890005	Functioning	DKH			
73	20KVA	89890007	Functioning	DKH			
74	10KVA	OM12GH F-659	Functioning	DKH			
75	10KVA	AS12IHF- 799	Functioning	DKH			
76	20KVA	4J343LXX 25	Functioning	DKH			
77	6KVA	15D-9842	Functioning	DKH			
78	6KVA	15D-9843	Functioning	DKH			
79	5KVA	KL-B5-	Functioning	DKH			
80	2KVA	OM12FB O-627	Functioning	DKH			
81	DSLR, Make: Canon Model: 750D		Functioning	Office		Physical lab in-charge during lab	
82	Optoma Projector Model : W400LVE WXGA SI no. Q7D239WAAA1B0201	2022	Functioning	office		office	
83	80. LCD projector 4100 Lumens, Panasonic make Mdel-PT LAB 425D	2021	Functioning	office		office	
84	Lcd projector with ceiling mount kitEpsom MakeModel-EB-U32	2016	Functioning	office		office	
85	LCD Projector Make Panasonic PT-LB	2006	Not Functioning	office	office	office	
86	Toshiba E-studios 5528A Multifunction Printer	2024	Functioning	office	CH 101 Coordin ator		
87	Toshiba RADF MR – 3033	2024	Functioning	office			
88	Toshiba Bridge kit KN – 5005 Toshiba paper feed pedestal KD - 1072	2024	Functioning	office			

89	Rotary Vacuum Evaporator with vacuum Pump Model-RV10 Digital	2011	Functioning	AMB	MSc/ BTech Labs	Organic Lab in-charge during Lab	
90	Logitech Spotlight presenter slate	2024	Functioning	office		office	
91	Canon Digital Multifunctional Copier Make: Canon Model: iR Advance 4225	2015	Functioning	office		office	
92	Rotary Vacuum Evaporator with vacuum Pump Make:Heidolph	2023	Functioning	AMB	MSc. and BTech Labs	Organic Lab in-charge during Lab	
93	Ben Q 86 "Interactive Display - RE 8601, SI no. E164N00136024 with Floor Mount trolley	2024	Functioning	office		office	
94	PTZ Camera, Make & Model; People Link, PPU - PVC- PC 3 - 108P -12x SI No. - WHD12XU20211110531 USB Speaker Phone Make Model; Yamaha, YVC 330, SI no. S77120010 Tripod Stand Make & Model; Digitek DTR	2023	Functioning	office		office	
95	Bluetooth microphone	2024	Functioning	office		office	
96	CO2 Incubator Make: Eppendorf Model: Galaxy CO-170S	2017	Functional		KPB		
97	-80 Deg C Deep Freezer Make: Eppendorf Model: U410	2017	Functional		KPB		
98	Biosafety Cabinet Class II Make: ThermoFisher Model: FORMA	2017	Functional	KKS	KPB		
99	Spin Coater		Non Functional			Physical Chemistry	