

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	Functional	KKS	CM	3101 A/ B	
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	Functional	AG	UM	Physical Lab, Ground Floor	
4	UV-Visible-NIR Spectrophotometer Make: PerkinElmer , Model: Lambda 750	2010-2011	Functional	KKS	CM	3101 A/ B	
5	PC controlled Double beam UV-Visible Spectrophotometer (05 Nos.) Make: Shimadzu, Model: UV-1800	2010-2011	Non Functional	AG	CM	Physical Lab, Ground Floor	
6	Double Beam UV-Visible Spectrophotometer Make: PerkinElmer Model: Lambda 25	2009-2010	Functional	KKS	KM	3101 A/ B	
7	UV-Visible Double Beam Spectrophotometer Make: Agilent Model: Carry 100	2018-19	Functional	KKS	KM	3101 A/ B	
8	Double Beam UV-Visible Spectrophotometer (Solid & Liquid) Make: PerkinElmer Model: Lambda 365+	2023	Functional	KKS	DM	CHEL 003	

9	Semi preparative HPLC system (Make: Thermo, Model: HPG 3200P Ultimate 3000)	2014-2015	Functional	KKS	DPD	CHEL206
10	HPLC system (Make: ThermoFisher, Model: Ultimate 3000)		Non Functional	DKH	DM	CHEL206
11	HPLC system, Make: Agilent Model: 1260 Infinity II	2020		KKS		CHEL206
12	Analytical HPLC with all Accessories Make: Thermofisher Model: Vanquish	2022	Functional	KKS	DM	CHEL206
13	GCMS System, Model: G7082CW, Make: Agilent Technologies	2023	Functional	AMB	DS	CHEL206

1. Sukesh Shill (Prof. B.H. Mandal) 2. Malay Kumar Baroi (Prof. D. Das) 3. Avinash Kumar (Prof. L.M. Kundu) 4. Subhajit Saha (Prof. C.K. Jana) 5. Gunanka Hazarika (Prof. D. Manna) 6. Pallavi Barman (Prof. K.P. Bhabak)
1. Hirak Jyoti Phukan (Prof. D. Srimani) 2. Risha Kalita (Prof. B. Mondal) 3. Mrityunjoy Dey (Prof. K. Raidongia) 4. Anit Pal (Prof. Animesh Das) 5. Ritwik Adhikari (Prof. C. Mukherjee)

14	Gas Chromatography System Make: PerkinElmer Model: Clarus 590	2017-2018	Functional	AMB	DS	3101 A/ B	1. Hirak Jyoti Phukan (Prof. D. Srimani) 2. Risha Kalita (Prof. B. Mondal) 3. Mrityunjoy Dey (Prof. K. Raidongia) 4. Anit Pal (Prof. Animesh Das) 5. Ritwik Adhikari (Prof. C. Mukherjee)
16	Modular Circular Polarimeter Make: Antonpaar Model: MCP 5100	2022	Functional	KKS	SCP	3101 A/ B	
17	Single Crystal X-ray Diffractometer system Make: Bruker Model: D8 Quest	2021	Functional	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. Mondol) 5. Geetanjali Deka (Prof. C. Mukarjee) 6. Nitumoni Hazarika (Dr. A Das)
18	Bench-Top Powder X-ray Diffractometer Make: Bruker , Model: D2 Phaser	2010-2011	Functional	KKS	SPB	3101 A/ B	

19		2017-2018					"Kshitiz Verma (Prof. Tharmalingam Punniyamurthy) SWATI SAMANTARAY (Prof. Tharmalingam Punniyamurthy) JYOTISH BARMAN (Prof. Subhas Chandra Pan) DINABANDHU BARIK (Prof. Bhisma Kumar Patel) ROUNAK RANJIT (Dr. AKS Aksai Kumar) NANDINI RAY (Prof. Chandan K. Jana) RAJASHRI SARMAH (Prof. Dipankar Srimani) ARCHANA CHUTIA (Prof. Anil Kumar Saikia) CHINMAYEE CHOUDHURY (Prof. Anil Kumar Saikia) SHUMAILA RASHID SHEIKH (Prof. Subhendu Sekhar Bag) ROOPJYOTI MISRA (Prof. Krishna Pada Bhabak) T NGAMGOUMANG BAITE (Prof. Bhubaneswar Mandal)"
	400 MHz Bruker NMRMake: Bruker Model: AVANCE		Functional	II	TP/AKS	Ground Floor, Procured under the MHRD-FAST project	

20	500 Hz NMR Spectrometer Make: Bruker	2020	Functioning	II	AKS/TP	Ground Floor	"SUNIL KUMAR SWAIN (Prof. Subhendu Sekhar Bag) MAYUKH HAJRA (Prof. Chandan K. Jana) ASHISH BISWAS (Dr. Pavan K. Kancharla) ANIL RANGNATH PAWAR (Abu Taleb Khan) PRITISHREE PANIGRAHI (Prof. Bhisma Kumar Patel)"
21	Refrigerated Centrifuge with accessories Make: Eppendorf Model: 5910R	2019-20	Functioning	KKS	DM/AC	Instrument room, First Floor	
22	Ice Flaker Machine (100 kg capacity) , Make: WENSAR LABMAN, Model: LMIF-100, Quantity: 02	2023	Functional	LN	KPB	First floor corridor	
23	Ice Flaker Machine (50 kg capacity) Make: WENSAR LABMAN , Model: LMIF 50 , Quantity: 01	2023	Functional	LN	KPB	2nd floor above chemistry office , near the stair case landing	
25	Ice Flaking Machine Model: IFM-150-Flake	2018-19	Functional	LN	ASA	GROUND FLOOR NEAR WASH ROOM	
27	Fluorescence Spectrophotometer Make: Horiba Model: Fluoromax -4C	2018-19	Functional	KKS	ASA	3101 A/ B	
28	FTIR Spectrophotometer Make: PerkinElmer Model: Spectrum Two (02 Nos.)	2018-19	Functional	AG		3101 A/ B	

29	Atomic Force Microscope, Make: Oxford Instruments	2018-19	Functional	AMB	PKI	3103, 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) Debasmita Sarkar (Prof. UM's group)
30	Solvent Purification System Make: MBraun Model: SPS-800	2017-2018	Functional	-	PKK		
31	Pressure Vessel Systems 50 ML Make: Parr Instrument Company, USAModel: 4792 (VGR)	2017-2018	Functional	-	AKAS		
32	High Speed Refrigerated CentrifugeMake: Harmle Model: Z36 HK	2017-2018		KKS	DM	CHEL206	
33	Ozone Generator and Oxygen Flow Regulator Make: Eltech Model: EL-OZ-O-25 gm/hr	2017-2018	Functional	-	SCP		
34	Digital SMU with PotentiostatMake: Keithley Model: 2450 EC	2017-2018	Functional	-	KR		
35	BENCH TOP ION METER Make: Thermo Scientific Model: Orion Star A214	2017-2018	Functional	-	DM		
36	Automatic Potentiometric Titrator Make: Metrohm AG	2017-2018	Functional	-	CM		

37	Bench top Cascade Freeze Dryer system Make: Labconco Corporation, USA, Model: FreeZone 4.5 Liter Benchtop Freeze Dry	2016-2017	Functional	-	KR		
38	INVERTED LED MICROSCOPE FOR BRIGHTFIELD, DIC, LED FLUORESCENCE WITH 5MP CCD CAMER Make: Nikon Model: ECLIPSE Ts 2R-FL	2016-2017	Functioning	LN	UM	3101 A/ B	
39	Computer Cluster Master Node : HPDL380 GEN8 Computer Node: ProliantXL 170 GEN Chasis : HP Appollo 6000 24 port 36U Rank	2015-2016	Functional	AG	ANP/SP	Computer center, Department + FIST Grant	
40	TCS PC Lifetime system with MCP detection (Make: Hariba Jobin, Model: Ultrafast-01-DD)	2014-2015	Functional	II	KS	3101 A/ B	
41	Circular Dichroism Make: Jasco Model: J-1500	2014-2015	Functional	KKS	BHM	3101 A/ B, Procured under DST-FIST 2008	
42	Multifunctional Copy/Print/Scan/Fax Machine Make: Kyocera, Model: TA-3551 ci	2014-2015	Non Functional	-	CH101 Coordinator		
43	FTIR Spectrophotometer (Make: PerkinElmer, Model: Spectrum Two)	2013-2014	Functional	AG	CM/BM	3101 A/ B	
44	Microwave Reactor (Make: CEM Corporation, Model: Discover Labmate)	2013-2014	Functional	KKS	LMK/CKJ/SPB	CHEL 003	
45	Steady State Fluorescence Spectrophotometer (Make: Horiba, Model: Fluoromax –4P)	2016-2017	Functional	II	GK/KS/KR	3101 A/ B	

46	Steady State Fluorescence Spectrophotometer (Make: Horiba, Model: Fluoromax –4C)	2013-2014	Functional				
47	Steady State Fluorescence Spectrophotometer Make: Horiba, Model: Fluoromax –4)	2012-2013	Functional			3101 A/ B	
48	Steady State Fluorescence Spectrophotometer Make: Horiba, Model: Fluoromax-4	2009-2010	Functional				
49	Fluorescence Spectrophotometer for Solid and Liquid Sample Make: Horiba, Model: Fluoromax plus		Functional	KKS	DM	3101 A/ B	
50	Fluorescent Cell Imager Make: Bio-Rad	2017	Functional		KPB		
51	Nano particle Size, Zeta Potential, Molecular weight and the measurement facility of zeta-potential of solid surface, Make: Malvern , Zetasizer Nano ZS90)	2013-2014	Functional	KKS	DPD	CHEL206	
52	Elix 3 and Milli Q Ultrapure Water Purification System, Make: Millipore, Model: Elix 3 & Milli Q	2011-2012	Functional	SKM	KR/SC	Ground Floor	
53	Olympus Upright Research Microscope Make: Olympus , Model: BX-51	2009-2010	Functional	KKS	UM	3101 A/ B	
54	Magnetic Susceptibility Balance (03 Nos.) Make: Sherwood Scientific, Model: Mark-1	2000, 2009-2010	Functional	--	MR		

55	Thermo Gravimetric Analyzer, Make: PerkinElmer, Model No.: TGA4000	2021	Functional	KKS	ASA	3101 A/ B	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)
56	Differential Scanning Calorimeter, Make: Mettler-Toledo; Model: DSC1	2013	Functioning	KKS	ASA	3101 A/ B	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) 5. Nandini Ray (Prof. C.K. Jana)
57	High Purity Nitrogen Generator, Make: Peak Scientific, Model: Genius1053	2024	Functioning	KKS	BHM	3101 A/ B	
58	De-humidifier, Make: Bry Air: Model: FBB600	2024	Functioning		DM	3101 A/ B	
59	Microwave Reactor, Make: CEM Corporation, Model: Discover Labmate			KKS		CHEL 003	
61	Fuji 1000VA Minivet UPS_ 3 Nos	2024	Functional	DKH	KR		
62	1 kVA on line UPS system_1 No	2022	Functional	DKH			
63	5KVA	KL-B5-157	Functional	DKH		Both old and extension building installed: 2003-2004 to 2016-17	

64	5KVA	KL-B5-159	Functional	DKH			
65	5KVA	KL-B5-160	Functional	DKH			
66	5KVA	KL-B5-162	Functional	DKH			
67	5KVA	KL-B5-165	Functional	DKH			
68	5KVA	UL-H6-283	Functional	DKH			
69	10KVA	DS-B5-015	Functional	DKH			
70	10KVA	DS-F8-047	Functional	DKH			
71	2KVA	KL-A4-057	Functional	DKH			
72	20KVA	89890005	Functional	DKH			
73	20KVA	89890007	Functional	DKH			
74	10KVA	OM12GH F-659	Functional	DKH			
75	10kVA		Functional	KPB		102	
76	10KVA	AS12IHF-799	Functional	DKH			
77	20KVA	4J343LXX 25	Functional	DKH			
78	6KVA	15D-9842	Functional	DKH			
79	6KVA	15D-9843	Functional	DKH			
80	5KVA	KL-B5-166	Functional	DKH			
81	2KVA	OM12FB O-627	Functional	DKH			

81	DSLR, Make: Canon Model: 750D		Functional	Office		Physical lab in-charge during lab	
82	Optoma Projector Model : W400LVE WXGA Sl no. Q7D239WAAA1B0201	2022	Functional	office		office	
83	80. LCD projector 4100 Lumens, Panasonic make Mdel-PT LAB 425D	2021	Functional	office		office	
84	Lcd projector with ceiling mount kitEpsom MakeModel-EB-U32	2016	Functional	office		office	
85	LCD Projector Make Panasonic PT-LB 20	2006	Non Functional	office	office	office	
86	Toshiba E-studios 5528A Multifunction Printer	2024	Functional	office	CH 101 Coordinator		
87	Toshiba RADF MR – 3033	2024	Functional	office			
88	Toshiba Bridge kit KN – 5005 Toshiba paper feed pedestal KD - 1072	2024	Functional	office			
89	Rotary Vacuum Evaporator with vacuum Pump Model-RV10 Digital	2011	Functional	AMB	MSc/ BTech Labs	Organic Lab in-charge during Lab	Organic Lab in-charge during Lab
90	Logitech Spotlight presenter slate	2024	Functional	office		office	
91	Canon Digital Multifunctional Copier Make: Canon Model: iR Advance 4225	2015	Functional	office		office	
92	Rotary Vacuum Evaporator with vacuum Pump Make:Heidolph	2023	Functional	AMB	MSc. and BTech Labs	Organic Lab in-charge during Lab	Organic Lab in-charge during Lab
93	Ben Q 86 "Interactive Display - RE 8601, Sl no. E164N00136024 with Floor Mount trolley	2024	Functional	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 5502T	2023	Functional	office		office	
95	Bluetooth microphone	2024	Functional	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 lab.	
100	Low Pressure Gas Adsorption Analyser, Make Microtrac BEL Japan, Model: Belsorp MINI X	2025	Functional	KKS	SPB	CHEL 203	Nazir Ud Din Mir (Dr. S. Biswas)