

(A) SPECTROSCOPY UNITS

Sl. No	Name of the instrument	In-charge	Operator	Contact	Location (Extn. No.)	User charges	Status (Working/not working)
1.	Circular Dichroism Spectrometer (JASCO Make, Model -J-1500)	Dr. Anindita Das (psuad2@iacs.res.in)	Mr. Chanchal Kumar Das	cd@iacs.res.in	Room no.10 Biological Chemistry Bldg.1st. Floor (1509)	Academic Institute: Rs.750 for 1 hr, Rs.1200 for 2 hrs and Rs. 500 for each additional hour. Industry: Rs.1500 for 1 hr, Rs. 2400 for 2 hrs and Rs.1000 for each additional hour.	Working

2.	EPR Spectrometer (Old)	Prof. Tapan K. Paine (ictkp@iacs.res.in)	Dr. Bhola Nath Mondal	epr@iacs.res.in	Room no. M-066 Main Bldg. Ground Floor (1808)	Rate per sample Academic Institutes: Rs.1000 for 1 hr, Rs. 500 for each additional hour.	Working
						Industry: Rs.2000 for 1 hr, Rs.1000 for each additional hour. For liquid nitrogen measureme- nts, the rate will be double in each case.	
	EPR Spectrometer(New)	Prof. Somdatta Ghosh Dey	-----	icsgd@iacs.res.in	Room no. M064 Main Bldg. Ground Floor	-----	-----

3.	FT-IR (New)	Dr. Subhadeep Datta (sspsdd@iacs.res.in)	Mr. Subrata Das	ftir@iacs.res.in	Room No. M-117 Main Bldg. 1st Floor (1203)	Rate per sample Academics Institutes: Rs. 500 Industry: Rs. 1000	Working
4.	FTIR (Old)	Dr. Subhadeep Datta (sspsdd@iacs.res.in)	Mr. Subrata Das	ftir@iacs.res.in	Room No. M-117 Main Bldg. 1st Floor (1203)	Rate per sample Academic Institutes: Rs. 500 Industry: Rs. 1000	Working
5.	FT-NMR	Prof. Tapan K.	Mr.	nmrfacility@iacs.res.in	Room No.	Academic	Working

	(300MHz, 500MHz & 400MHz)	Paine (ictkp@iacs.res.in) Prof. JoyramGuin (ocjg@iacs.res.in) Prof. Rajib Goswami (ocrkg@iacs.res.in)	Sumit Ray, Mr. Sachin Das		M-033 Main Bldg. 1st Floor (1173)	Institutes: Rs.500 for ½ hr, Rs.1000 for 1 hr, Rs.500 for each additional hour Industry: Rs.1000 for ½ hr, Rs.2000 for 1 hr, Rs.1000 for each additional hour	
6.	HR-MS	Prof. Rajib Goswami (ocrkg@iacs.res.in)	Mr. Swapan Kr Sarkar Mr. Goutam Biswas	hrms@iacs.res.in	Room No. M135 Main Bldg. Gr. Floor (1180)	Rate per sample Academic Institute: Rs. 500 Industry: Rs. 2000	Working
7.	MALDI Mass Spectrometer	Dr. Anindita Das (psuad2@iacs.res.in)	Ms. Champa Bag	maldi@iacs.res.in	Room No. 301 Centenary Bldg. 2nd Floor. (2126)	Rate per sample Academic Institutes: Rs. 1000	Working

						Industry: Rs. 2000	
8.	Laser Raman Spectrometer	Dr. Subhadeep Datta	Dr. Sasanka Maji	raman@iacs.res.in	Room No. M-120 Main Bldg. 1st. Floor (1260)	Rate per 1 hr slot Academic Institute: Rs.2000 Industry: Rs.4000	Working
9.	TCSPC	Prof. Narayan Pradhan (camnp@iacs.res.in)	Mr. Subrata Das	tcspc@iacs.res.in	Room No. 85 Main Bldg. 1st. Floor (1274)	Rate per 1 hr slot Academic Institutes: Rs.1000 Industry: Rs.2000	Working
10.	UV-VIS- NIR Spectrophotometer (Agilent carry 5000 UV-VIS- NIR)	Dr. Subhadeep Datta (sspsdd@iacs.res.in)	Mr. Subrata Das	uvvis@iacs.res.in	Room No. M-117 Main Bldg. 1st Floor (1274)	Rate per sample Academic Institutes: Rs.500 Industry: Rs.1000	Working

11.	Steady State, Fluorescence and Phosphorescence Lifetime Measurement Spectrometer (Model: FLS1000-DD-STM)	Prof. Sudip Malik (psusm2@iacs.res.in)	Ms. Sujata Gupta	ocsg5@iacs.res.in	Room No. M-253 Main Bldg. 2 nd Floor (Beside SAIS office) (1564)	Rate per 2 hrs Academic Institutes: Rs.500 (rt-higher) for steadystate Rs. 1000 (rthigher) for TCSPC/gated spectra Industry: Rs.1000 (rt-higher) for steady-state Rs. 2000 (rthigher) for TCSPC/gated spectra	Working
12.	Fluorescence Spectrometer	Dr. Shinto Varghese (trcsv@iacs.res.in)	Operated by students	trcsv@iacs.res.in	Room No. M-258 Main bldg. 2nd floor (1145)	Academic Institutes: Rs. 1000 for 2 hrs and Rs. 400 for each additional hour Industry: Rs. 2000 for 2 hrs	Working

						and Rs. 800 for each additional hour Any slot can be a maximum duration of 4 hrs	
13.	ICP-OES System	Prof. Sugata Ray (mssr@iacs.res.in)	Operated by students: Sanjit Das	mssr@iacs.res.in	Room no. M-274 Mail Bldg. 2nd floor, opposite to the S N Bose Hall (1414)	Rate per sample Academic Institute : Rs. 2000 Industry : Rs. 4000	Working
14.	NMR (600 MHZ)	Prof. Arindam Banerjee (bcab@iacs.res.in) Prof. Surajit Sinha (ocss5@iacs.res.in)	Mr. Gour Gopal Paul	nmr600@iacs.res.in	Room No. 004 CRAFT Building Gr. Floor (2324)	For Liquid Probe Sample: Academic Institutes: Rs.600 for 30 min, Rs. 1200 for 1 hr. Rs. 600 for each additional hr. Industry: Double compared to	Working

						<p>Academic Institutes.</p> <p>For Solid gel Probe sample:</p> <p>Academic Institutes: Rs. 5000</p> <p>(per sample upto 6 hrs and then Rs. 600 for each additional hr.</p> <p>Industry: Double compared to Academic Institutes.</p>	
15.	Gas Chromatography Mass Spectroscopy	Prof. Amit Majumdar (icam@iacs.res.in)	Mr. Sridip Kumar Bera	gcms@iacs.res.in	Room no. M-036, Main bldg. Ground floor (1165)	<p>Rate per sample</p> <p>Academic Institutes: Rs. 1000</p> <p>Industry: Rs. 2000</p>	Working

16.	DLS (Zeta-Potential Particle Size and Molecular Weight) [Zetasizer ZEM 3600 Instrument]	Prof. Tarun K. Mandal (psutkm@iacs.res.in)	Ms. Champa Bag	dls@iacs.res.in	Room No. M-255 Main Bldg., 2nd floor (1562)	Rate per sample Academic Institute: Rs. 500 Industry: Rs.1000	Working
17.	Electrochemical Cell/ Diode Array Spectrophotometer	Prof. Asim Bhaumik (msab@iacs.res.in)	Operated by students	msab@iacs.res.in	Room No. 79 Main Bldg. 1st Floor (1453)	Academic Institute: One slot of 2 hrs = Rs. 500 Industry: One slot of 2 hrs = Rs. 1000	Working

(B) MICROSCOPY UNITS

Sl. No	Name of the instrument	In-charge	Operator	Contact	Location	User charges	Status
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4.	Optical Microscope & Micro hardness Test	Dr. Subhadeep Datta (sspsdd@iacs.res.in)	Dr. Manas Ghosh	ommd@iacs.res.in	Room No. M-120 Main Bldg. 1st Floor (1260)	Rate for 3 hrs slot Academic Institutes: Rs. 500 Industry: Rs. 1000	Not working
5.	Olympus Upright Microscope [Model BX53M with MAG. Range 50X- 1000X]	Dr. Subhadeep Datta (sspsdd@iacs.res.in)	Dr Manas Kr. Ghosh	ommd@iacs.res.in	Room No. M-120 Main Bldg. 1st Floor (1260)	Rate for 3 hrs slot Academic Institutes: Rs. 500 Industry: Rs. 1000	Working
6.	FE-SEM (JEOL MAKE, Model: JSM-7500F)	Prof. Tarun K. Mandal (psutkm@iacs.res.in)	Mr. Rabindranath Banik and Dr. Sasanka Maji	sem@iacs.res.in	Room No. M-018 Main Bldg. Gr. Floor (1181)	Rate per sample Academic Institutes: Rs. 2500 Industry: Rs. 5000	Working

7.	AFM (OXFORD)	Prof. Somobrata Acharya (camsa2@iacs.res.in)	Mr. Sanjib Naskar	afm@iacs.res.in	Computer Center Bldg.1st. Floor (1586)	Rate per sample Academic Institutes Rs. 3000 Industry: Rs.6000	Working
8.	UHR-FEG- TEM	Prof. Narayan Pradhan (camnp@iacs.res.in)	Mr. Arunim Paul Mr. Suman Guchhait	temlab@iacs.res.in	Room No. M-015 Main Bldg. Bldg. Ground Floor (1251)	Rate per session (1.5 hrs) Academic Institutes: Rs.5000 Industry: Rs.10000	Working
9.	CRYO-TEM	Prof. Prasanta K Das (bcpkd@iacs.res.in)	Mr. Supriya Chakraborty	bcpkd@iacs.res.in	Room No. M-049 Main Bldg. Gr. Floor (1373)	Rate per sample Academic Institute: Rs. 7000 Industry: Rs. 15000	Working

10.	Thermal System for Optical Imaging Devices <i>(for Olympus upright Microscope-machine no. 5 in this list)</i>	Dr. Subhadeep Datta (sspsdd@iacs.res.in)	Dr. Manas Ghosh	ommd@iacs.res.in	Room No. M-120 Main Bldg. 1st Floor (1260)	Rate per session (3 hrs slot) Academic Institute: Rs.500 Industry: Rs.1000	Working
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(C) MAGNETIC MEASUREMENT UNITS

Sl. No	Name of the instrument	In-charge	Operator	Contact	Location	User charges	Status
1.	Dielectric setup measurement system (previously Mini VSM [4 Tesla])	Prof. Subham Majumdar (sspsm2@iacs.res.in)	Mr. Prasad Modak	sspsm2@iacs.res.in	Room No. 16B [Main Bldg.] (1172)	Per session (1 day): Academic Institute: Rs.1500 Industry: Rs.3000	Working

2.	Squid VSM MPMS (3)	Dr. Devajyoti Mukherjee (sspdm@iacs.res.in)	Mr. Prasad Modak	sspsm2@iacs.res.in	Room No. M-011	Rate per day Academic	Working
					Main Bldg. Grd. Floor (2123)	Institute: Rs. 2000 Industry: Rs. 4000	

**(D) ELECTRICAL/ELECTROCHEMICAL
MEASUREMENT UNITS**

Sl. No	Name of the instrument	In-charge	Operator	Contact	Location	User charges	Status
1.	Cryogen Free CFMS Cryomagnetic system with DC resistivity and Hall Effect module.	Prof. Subham Majumdar	Mr. Prasad Kumar Modak	sspsm2@iacs.res.in	Room No. M-028 Main Bldg. Ground floor	-----	Under installation

(E) FURNACES AND DEPOSITION UNITS

Sl. No	Name of the instrument	In-charge	Operator	Contact	Location	User charges	Status
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1.	Vacuum Coating Unit (OLD)	Dr. K.D.M Rao (trckdmr@iacs.res.in)	Operated by students Mr. Subrata Das	vcu@iacs.res.in trckdmr@iacs.res.in	Room No. M-117 Main Bldg. 1st. Floor (1203)	Academic Institute: Rs. 3000 Industry: Rs. 6000	Working
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2.	PLD	Dr. Devajyoti Mukherjee (sspdm@iacs.res.in)	Mr. Tapas Dutta	pld@iacs.res.in	Room No. 101 ERU Bldg. Grnd. Floor (1616)	Rate per sample: Academic Institute: Rs. 2000 Industry: Rs. 4000	Working
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3.	RF/DC Sputtering System	Dr. Devajyoti Mukherjee, (sspdm@iacs.res.in)	Mr. Ranajit Sardar	sputter@iacs.res.in	Room No. M-112 Main Bldg. 1st Floor (1220)	Rate per sample Academic Institute: Rs. 2000 Industry: Rs.	Working
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(F)						4000	
4.	Vacuum Coater (New)	Dr. K.D.M Rao (trckdmr@iacs.res.in)	Mr. Subrata Das	trckdmr@iacs.res.in vcu@iacs.res.in	Room No. M-117 Main Bldg. 1st Floor (2177)	Rate per sample Academic Institute: Rs. 2000 Industry :	Working
						Rs. 4,000	

STRUCTURAL/ELEMENTAL CHARACTERIZATION UNITS

Sl. No	Name of the instrument	In-charge	Operator	Contact	Location	User charges	Status
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1.	XPS	Prof. Sugata Ray (mssr@iacs.res.in)	Mr. Indranath Bhaumik	xps@iacs.res.in	Room No. M- 019 Main Bldg. Gr. Floor (1253)	Rate per sample Academic Institute Rs. 4000 Industry: Rs. 8000	Working
2.	XRD (Micro Focus Single Crystal X-ray Diffractometer) [NEW]	Prof. Amit Majumdar (icam@iacs.res.in)	Dr. Bhol Nath Mondal	sxrd@iacs.res.in	Room No. M- 061, Main Bldg. Gr. Floor (1368)	Rate per sample Institute: Rs.1500 (RT) and Rs. 2000 (LT) Industry: Rs. 3000 (RT) and Rs. 4000 (LT)	Working
3.	(a) Old XRD (BRUKER) [D8 advance] (b) New	Dr. Mintu Mondal (sspmm4@iacs.res.in)	Mr. Subrata Ghosh	xrdbruker@iacs.res.in	Room No. M- 066 Main	1. RT study- For Academic institutions- Rs.500.00 + applicable tax per	Working

	Automated XRD Bruker [Purchase against Buy Back of Old Instrument]	Dr. Mintu Mondal (sspmm4@iacs.res.in)	Mr. Subrata Ghosh	xrdbruker@iacs.res.in	Bldg. Gr. Floor (1365)	sample, For Industries- Rs.2,000.00 + applicable tax per sample 2. HT study- For Academic institutions- Rs.3,000.00 + applicable tax per sample, For Industries- Rs.6,000.00 + applicable tax per sample	
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4.	HR-XRD (Rigaku)	Prof. Sugata Ray (mssr@iacs.res.in)	Mr. Sutapesh Dutta	mssr@iacs.res.in	Room no. M- 009 Main Bldg. Gr. Floor. (1215)	Academic Institute : Thin film/powder/SAXS : Rs. 2000 Temperature variation : Rs. 3000 XRR measurement : Rs. 3000 For Industry : Thin film/powder/SAXS : Rs. 6000 Temperature variation : Rs. 9000 XRR measurement : Rs. 9000	Working
5.	UHV-Moke System	Dr. Devajyoti Mukherjee	Mr. Ranajit Sardar	sspdm@iacs.res.in	Room No. M-	Rate per sample Academic	Working
		(sspdm@iacs.res.in)			112 Main Bldg. 1st Floor (1220)	Institute: Rs. 2000 Industry Rs. 4000	

6.	BET (Surface area analyzer)	Prof. Asim Bhaumik (msab@iacs.res.in)	Mrs. Sujata Gupta	bet@iacs.res.in	Room No. 008 Main Bldg. Ground Floor (1710)	Rate per sample Academic Institute: Rs. 2000 Industry: Rs. 4000	Working
7.	DSC 8000 (Perkin Elmer Make)/ Diamond DSC (Perkin Elmer Make)/DSC Q 2000 TA Instrument	Prof. Sudip Malik (psusm2@iacs.res.in)	Mr. Arup Bandyopadhyay	thermal@iacs.res.in	Room No. M-116 Main Bldg. 1st Floor (1262)	Rate per sample Academic Institute: Rs. 1000 (for solid) & Rs. 2500 (for LVC) Industry: Rs. 2000 (for solid) & Rs 5000 (for LVC)	Working
8.	(TGA 4000) [Perkin Elmer Make] (NEW)	Prof. Sudip Malik (psusm2@iacs.res.in)	Mr. Arup Bandyopadhyay	thermal@iacs.res.in	Room No. M-116	Rate per sample Academic Institute: Rs. 1000 Industry: Rs. 2000	Working
					Main Bldg. 1st Floor (1262)	Industry: Rs. 2000	

9.	Rheometer with Dynamic Mechanical Thermal Analysis System (Model No.: MCR 702e MultiDrive, Anton Paar Pvt. Ltd.)	Prof. Sudip Malik	Operated by students	psusm2@iacs.res.in	Room No. M- 258 Main Building 2 nd floor	Rate per sample Academic Institute: Rs. 1500 (Rheometer) Rs. 1800 (DMTA) Industry: Rs. 3000 (Rheometer) Rs. 3600 (DMTA)	
10.	CHNS Analyzer	Prof. Amit Majumdar (icam@iacs.res.in)	Mr. Sridip Kumar Bera	chns@iacs.res.in	Room No. M- 143 Main Bldg. 1st. Floor (1370)	Rate per sample Academic Institute: Rs. 1500 Industry: Rs. 3000	Working

Sl. No.	Name of the instrument	In-charge	Operator	Contact	Location	User charges	Status
1.	(-) 20 degree C Deep Freezer	Prof. Prosenjit Sen (bcps@iacs.res.in)	Operated by students	bcps@iacs.res.in	Room no. 5 Biological Chem. Bldg. 1st. Floor. (1518)	Academic Institute: Rs. 1000 per rack per year Industry: Rs. 5000 per rack per year	Working
2.	FACS-Cell Sorter	Prof. Benu Brata Das (pcbhd@iacs.res.in)	Mr. Chanchal Kumar Das	pcbhd@iacs.res.in	Room no. 14 Biological Chemistry Building 1st. Floor. (1508/9)	Rate per sample Academic Institute: Rs. 1500 Industry: Rs. 4000	Working
3.	Deep Freezer (-80°C)	Prof. Prosenjit Sen (bcps@iacs.res.in)	Operated by students	bcps@iacs.res.in	Room no. 13 Biological	Academic Institute: Rs 1000	Working

					Chemistry Bldg. 1st. Floor (1266)	per rack per year Industry: Rs 5000 per rack per year	
4.	Microplate Spectrophotometer	Dr. Ritesh R. Pal (ritesh.pal@iacs.res.in)	Operated by students	ritesh.pal@iacs.res.in	Room No. M-059 Main Building Gr. floor (2202)	Rate per sample Academic Institute : Rs. 200 Industry: Rs. 400	Working
5.	Micro Volume UV-VIS Spectrophotometer (Model- Nano Drop One C with Cuvette)	Dr. Ritesh R. Pal (ritesh.pal@iacs.res.in)	Operated by students	ritesh.pal@iacs.res.in	Room No. 5 Biological Chemistry Bldg, 1st floor (2202)	Rate per sample Academic Institute: Rs. 100 Industry: Rs. 200	Working
6.	PCR Instrument (T100TM Thermal Cycler)	Prof. Prosenjit Sen (bcps@iacs.res.in)	Operated by students	bcps@iacs.res.in	Room No. 5 Biological Chemistry	Rate per sample Academic	Working

					Bldg. 1st. Floor. (1518)	Institute : Rs. 200 Industry: Rs. 400	
7.	Ultra Centrifuge Instrument	Prof. Prosenjit Sen	Operated by students	bcps@iacs.res.in	Room No. 5 Biological Chemistry Bldg. 1st. floor (1518)	Rate per sample Academic Institute : Rs. 200 Industry: Rs. 400	Working
8.	Bench Top Shaker Incubator with Temp. Control.	Dr. Ritesh R. Pal (ritesh.pal@iacs.res.in)	Operated by students	ritesh.pal@iacs.res.in	Room No. 5 Biological Chemistry Bldg. 1st floor (2202)	Rate per sample Academic Institute: Rs. 100/hr Industry: Rs. 200/hr	Working
9.	Spectra Max ID5 Multi-Mode Microplate Reader Platform	Dr. Deepak Sinha (bcdks@iacs.res.in)	Operated by students	bcdks@iacs.res.in	Room no. 5 Biological Chemistry	Rate per sample Academic	Working

					Bldg. 1st Floor (1106)	Institute : Rs. 200 Industry: Rs. 400	
10.	Ultra Microtome for Biological Samples including EMUC7 module with Cryo upgradation facility.	Prof. Benu B. Das (pcbpd@iacs.res.in)	Mr. Ranojit Sardar	pcbpd@iacs.res.in	Room No. M-017 Main Bldg. Gr. Floor (2108)	Rate per sample Academic Institute : Rs. 200 Industry: Rs. 400	Working
11.	Table Top Centrifuge System	Prof. Prosenjit Sen (bcps@iacs.res.in)	Operated by students	bcps@iacs.res.in	Room No. 23B Main Bldg. (1266)	Rate per sample Academic Institute : Rs. 200 Industry: Rs. 400	Working
12.	Chemidoc Multiplexing Imaging system	Prof. Prosenjit Sen (bcps@iacs.res.in)	Operated by students	bcps@iacs.res.in	Room no. 5 Biological Chemistry Bldg. 1st	Rate per sample Academic Institute : Rs. 200	Working

					Floor (1518)	Industry: Rs. 400	
13.	Real-Time PCR	Prof. Prosenjit Sen (bcps@iacs.res.in)	Operated by students	bcps@iacs.res.in	Room No. 13 Biological Chemistry Bldg. 1st Floor (1518)	Rate per sample Academic Institute: Rs. 200 Industry: Rs. 400	Working
14.	High Performance Centrifuge System	Prof. Benubrata Das (pcbhd@iacs.res.in)	Operated by students	pcbhd@iacs.res.in	Room No. 13 Biological Chemistry Bldg. 1st floor (1266)	Rate per rotation per 10 samples Academic Institute: Rs. 1000 Industry: Rs. 2000	Not Working
15.	Bacterial Culture System (incubator and shaker)	Prof. Deepak K Sinha (bcdks@iacs.res.in)	Operated by students	bcdks@iacs.res.in	Room No. 13 Biological Chemistry Bldg.	Rate per sample for 24 hrs Academic Institute:	Working

(H) COMMON FACILITIES

Sl. No.	Name of the instrument	In-charge	Operator	Contact	Location	User charges	Status
16.	Clean Water Plant. Type-I & Type-II	Prof. Siddhartha S. Jana Dr. Ritesh R Pal (ritesh.pal@iacs.res.in)	Mr. Thakurdas Biswas	bessj@iacs.res.in ritesh_pal@iacs.res.in	Workshop Room	1st floor (1266) Rate per ltr. Rs. 200 Industry: Rs. 500	Working Under installation
					Ground floor (2202)		
17.	Cold Room	Dr. Ritesh R. Pal	Operated by students	ritesh.pal@iacs.res.in	Room No. T-002 in CRAFT Building.	-----	Working
18.	-80°C Freezer	Dr. Ritesh R. Pal	Operated by students	ritesh.pal@iacs.res.in	Room No. T-002 in CRAFT Building.	-----	Working

						Type-II Rs. 30 Industry: Type I Rs. 100 Type II Rs. 150 [Type I: Distilled Type II: Deionized]	
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(I) CSS SMALL EQUIPMENTS:

2.	Liq. N ₂ Plant	Prof. Abhishek Dey (icad@iacs.res.in)	Mr. Pijush Das & Mr. Ramesh Pratap Singh	icad@iacs.res.in	In front of workshop [Behind MLS Hall] (1171)	Rate per ltr Academic Institute: Rs. 30 Industry: Rs. 40	Working
3.	Table Top Mini He Liq. System	Prof. Subham Majumdar (sspsm2@iacs.res.in)	Mr. Subrata Ghosh	sspsm2@iacs.res.in	Room No. 14 Main Bldg. Ground floor (1317)	Rate per ltr (Subject to market prices) Academic Institute: Rs. 2000 Industry:- Rs. 4000	Working

Serial No.	Name of the Instrument	In-charge	Operator	Contact	Location	User Charges	Status
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1	Mobile Spectrofluorometer System	Prof. Narayan Pradhan	Operated by students	camnp@iacs.res.in	Room No. M-215 Main Bldg. 2nd Floor	Only for Internal Use	Working
2	Cary 60 Spectrophotometer Bundle Instrument.	Prof. Narayan Pradhan	Operated by students	camnp@iacs.res.in	Room No. 17 Main Bldg. Gr. Floor (1218)	Only for Internal Use	Working
3	Image Analysis Workstation for JEOL TEM JEM-F200	Prof. Narayan Pradhan	Operated by students	camnp@iacs.res.in	N/A	N/A Integral part of a system	Working
4	Source Measure unit	Dr. Subhadeep Datta	Operated by students	sspsdd@iacs.res.in	Room No. 116E Main Bldg.	Only for Internal Use	Working

5	Interactive Digital Source Meter (Keithley make)	Dr. Mintu Mondal	Student in charge: Sk. Kalimuddin intdydt@gmail.com	sspmm4@iacs.res.in	Room No. 81 Main Bldg, 1st Floor; (1320)	Only for Internal Use	Working
6	Battery Cyler	Dr. Urmimala Maitra.	Operated by students	urmimala.maitra@iacs.res.in	Room No. M-222 Main Bldg. 2nd Floor (1216)	Only for Internal Use	Working
7	SR830 DSP Dual Phase Lock in	Dr. Mintu Mondal	Operated by students	sspmm4@iacs.res.in	Room No. 81 Main Bldg, 1st	Only for Internal Use	Working

	amplifier, SR554 Lock in Transformer preamplifier , SIM900 mainframe with RS- 232 Computer interface SR540 Optical Chopper				Floor (1320)		
8	HP Z4 Workstation	Prof. Narayan Pradhan	Operated by students	camnp@iacs.res .in	Room No. M-215 Main Bldg. 2nd floor (1208)	Associat ed with Mat. Studio, one is server and other is users interface for two users.	Working
9	GPU Workstation	Prof. Narayan	Operated by	camnp@iacs.res	Room No.	Associat ed with	Working

	<p>Supermicro 7049AT (Model SuperServe- 7049A.T.)</p> <p>[Installed 1207-2021] (Mat. Studio)</p>	Pradhan	students	.in	M-215 Main Bldg. 2nd floor (1208)	Mat. Studio, one is server and other is users interface for two users	
10	<p>HP Workstation [Installed 22-03-2021] (FEG TEM)</p>	Prof. Narayan Pradhan	Operated by students	camnp@iacs.res .in	Room No. M-215 Main Bldg. 2nd floor (1208)	N/A FEG- TEM associate	Working
11	<p>USB-2405 [4CH 24 Bit128Ks/s Dynamic Signal acquisition USB 2.0 module]</p>	Dr. Mintu Mondal	Student in charge: Mr. Deep Singha Roy deep.rkmrc97@ gmail.com	sspmm4@iacs.re s.in	Room No. 81 Main Bldg, 1st Floor; (1320)	Only for Internal Use	Working

12	Muffle Furnace	Dr. Urmimala Maitra. (urmimala.maitra@ia	Operated by students	urmimala.maitra @iacs.res.in	Room No. M-222	Only for Internal	Working
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	(working Temp. 1250 Degree C Temp.)	cs.res.in)			Main Bldg. 2nd Floor (1216)	Use	
13	Vacuum Oven	Dr. Urmimala Maitra. (urmimala.maitra@iacs.res.in)	Operated by students	urmimala.maitra@iacs.res.in	Room No. M-222 Main Bldg. 2nd Floor (1216)	Only for Internal Use	Working
14	1200 degree C High temp Horizontal Split Tube Furnace.	Dr. Subhadeep Datta	Operated by students	sspsd@iacs.res.in	Room No. M-222 Main Bldg. 2nd Floor (1607)	Only for Internal Use	Working
15	1200 Degree C Tubular furnace.	Dr. Urmimala Maitra.	Operated by students	urmimala.maitra@iacs.res.in	Room No. M-222 Main Bldg. 2nd Floor (1216)	Only for Internal Use	Working

16	Double Zone 1400	Dr. Mintu Mondal	Student in	sspmm4@iacs.res.in	Room No. 76 Main	Only for Internal	Working
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	degree C Tubular Furnace		charge: Deep Singha Roy (deep.rkmrc97@gmail.com)	s.in	Bldg, 1st Floor (1320)	Use	
17	Nabertherm High Temp. Lab Furnace	Dr. Devajyoti Mukherjee (sspdm@iacs.res.in)	Operated by students	sspdm@iacs.res.in	Room No. M-112 1 st Floor of Main Bldg. (1220)	Only for Internal Use	Working
18	20 Ton Pellet maker with 10mm and 13mm Die.	Dr. Urmimala Maitra (urmimala.maitra@iacs.res.in)	Operated by students	urmimala.maitra@iacs.res.in	Room No. M-222 Main Bldg. 2nd Floor (1216)	Only for Internal Use	Working

19	Lab Compact Manual Roller Press for Battery	Dr. Urmimala Maitra (urmimala.maitra@iacs.res.in)	Operated by students	urmimala.maitra@iacs.res.in	Room No. M-222 Main Bldg. 2nd Floor	Only for Internal Use	Working
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	Electrode Sheet Calendarin g.				(1216)		
20	Planetary Ball Mill	Dr. Urmimala Maitra. (urmimala.maitra@iacs.res.in)	Operated by students	urmimala.maitra@iacs.res.in	Room No. M-222 Main Bldg.2nd Floor (1216)	Only for Internal Use	Working
21	BIOVIA Materials Studio research Suit [BIOVIA, Materials Studio Academic Research Suit (2020)]	Prof. Narayan Pradhan	Operated by students	camnp@iacs.res.in	Room No. M-215 Main Bldg. 2nd Floor Installed with GPU Workstation (1208)	Only for Internal Use	Working

22	Impedance Analyser.	Dr. Kunala Durga Mallikharjuna Rao	Operated by students	trckdmr@iacs.res.in	Room No. 19, Main Bldg, Gr.Floor (1735)	Only for Internal use	Working
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23	Glove Box I	Prof. Pradyut Ghosh (icpg@iacs.res.in)	Operated by students	icpg@iacs.res.in	Room No. M-065, Ground Floor of Main Bldg.	Only for Internal Use	Working
	Glove Box II	Prof. Pradyut Ghosh (icpg@iacs.res.in)	Operated by students	icpg@iacs.res.in	Room No. M-065, Ground Floor of Main Bldg.	Only for Internal Use	Working
24	Surface Tensiometer	Prof. Prashant C. Singh (prashantchem@gmail.com)	Student in charge: Ms. Asim Bisoi	prashantchem@gmail.com	Room Number 80 1 st floor, Main Bldg	Only for Internal Use	Working

25	Liquid He 4K flow Cryostat	Dr. Mintu Mondal (sspmm4@iacs.res.in)	Student in charge: Sk. Kalimuddin	intdydt@gmail.com sspmm4@iacs.res.in	Room No. M-031 Main Building, Gr. Floor	Only for Internal Use	Working
					(1320)		

26	Ice Flake Instrument (NEW)	Prof. Tapan K. Paine	Operated by students	ictkp@iacs.res.in	Room No. 93 Main Bldg. 1st Floor ()	Only for Internal Use	Working
	Ice Flake Instrument (OLD)	Prof. Tapan K. Paine	Operated by students	ictkp@iacs.res.in	-----	Only for Internal Use	Working
	Ice Flake Instrument	Dr. Ritesh R. Pal	Operated by students	ritesh.pal@iacs.res.in	Ground Floor of the CRAFT Building	Only for Internal Use	Working

27	Autoclave (Vertical) Pressure Cut	Prof. Prosenjit Sen (bcps@iacs.res.in)	Operated by students	bcps@iacs.res.in	Biological Chemistry Bldg. 1st. Floor. (1518)	Only for Internal Use	Working
28	Worthington LS3000 Dewars with canister Storage System	Prof. Prosenjit Sen (bcps@iacs.res.in)	Operated by students	bcps@iacs.res.in	Room No. M-132 Main Bldg. 1st Floor (1518)	Only for Internal Use	Working
29	Worthington LS3000 Dewars	Prof. Prosenjit Sen (bcps@iacs.res.in)	Operated by students	bcps@iacs.res.in	Room no. M-134 Main	Only for Internal Use	Working
	with canister Storage System				Bldg. 1st Floor (1518)		
30	CO ₂ Incubator	Prof. Deepak Sinha (bcdks@iacs.res.in)	Ms. Priyanka Ray (Student Representative)	bcdks@iacs.res.in	Biological Chemistry Bldg. 1st Floor	Only for Internal Use	Working

31	High Performance Liquid Chromatography	Prof. Surajit Sinha (ocss5@iacs.res.in)	Operated by students	ocss5@iacs.res.in	Room No. M-154 Main Bldg. 1 st floor (1400)	Only for Internal Use	Working
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