

## Central Instrumentation Facility (CIF); CSIR-Indian Institute of Chemical Biology, Kolkata

### Details of instruments including technical staff (Operator) and Scientist(s) – In-Charge

SI	Instrument Name	Operator Name	Scientist(s)-in-charge
1	EI AND FAB	Mr Sandip Chowdhury	Dr. Chinmay Chawdhury
2	LC-MSMS	Mr Soumik Laha	Dr. Ranjan Jana, Dr. Indrajit Das
3	GC-MS	Mr Sandip Chowdhury	Dr. Rashmi Gaur, Dr. Biswadip Banerjee
4	MALDI	Mr Sandip Chakraborty	Dr. Sujoy Das, U P Singh
5	ORBITRAP	Mr Santu Pal	Dr. Senthil Kumar, Dr. Dipyaman Ganguly
6	X-Ray Small Molecules	Mr Sandip Kundu	Dr. R. Natarajan, Dr. Indrajit Das
7	CHN Analyzer	Mr Sandip Chowdhury	Dr. Biswadip Banerjee
8	NMR 400 MHz	Mr Sandip Kundu	Dr. Indu Bhusan Deb, Dr. Manish Debnath
9	NMR 600 MHz	Dr E Padmanaban	Dr. R Natarajan, Dr C. Chowdhury
10	FT-IR	Mr Soumik Laha	Dr. Deepak Kumar
11	UV-Vis Spectrometry	Mr Tapas Chowdhury	Dr. UP Singh, Dr. Upasana Ray
12	Raman Spectroscopy New	Dr. E Padmanabhan	Dr. N.C Maiti, Dr. Sourish Ghosh
13	FACSx2 at (Salt Lake campus)	Ms. Payel Karmakar / Mr. Arijit Chowdhury	Dr. Shilpak Chatterjee, Dr. Amit Srivastava
14	FACSx2 at Jadavpur	Dr Anirban Manna	Dr. Rupasri Ain, Dr. Sourish Ghosh
15	Atomic Force Microscope (AFM) New	Mr M. Vigneshwaran	Dr. Sanjay Dutta, Dr. Smrutisanjita Behra
16	Atomic Force Microscope ( AFM) Old	Mr Tapas Chowdhury	Dr. Sujoy Das, Dr. Smrutisanjita Behra
17	Mi-Seq (Salt Lake)	Mr. Arijit Chowdhury	Dr. Siddiq Sarkar, Dr. Amitava Sengupta
18	Confocal Imaging Facility (Salt Lake)	Ms. Ruby Banerjee Roy	Dr. Joy Chakrabarty, Dr. Amit Srivastava
19	Super Resolution Imaging Facility (STED)	Mr Sounak Bhattacharyya	Dr Debasish Nayak, Dr. SS Roy
20	Animal Imaging facility (IVIS) (Salt Lake)	Mr. Arijit Chowdhury	Dr. Siddik Sarkar, Dr. Shirish Bhatia
21	Centrifugation Facility (High Speed/Ultra), Jadavpur	Mr. Tarak Prasad Nandi	Dr. Jayati Sengupta, Dr. Tanaya Bose,
22	Centrifug Facility (High Speed/Ultra), Salt Lake	Mr. Nilaksha Swarnakar	Dr. M.K Ghosh, Dr. U Mabalirajan

23	DSC (Differential Scanning Calorimeter)	Mr Jishu Mandal	Dr. UP Singh, Dr. Saumen Datta
24	FPLC Facility	Dr. Arti Grover	Dr. Bijesh P, Dr. Susanta Kar
25	MDLC / HPLC	Mr. Binayak Paul	Dr Arindam Talukdar, Dr. P. Jaisankar
26	HPLC facility	Mr. Nilaksha Swarnakar	Dr. Senthil Kumar G
27	Iso Thermal Titration Calorimeter (ITC)	Mr Jishu Mandal	Dr. Siddhartha Roy, Dr. Ashim Paul
28	Circular Dichroism Spectro polarimeter (CD)	Mr Jishu Mandal	Dr. Saumen Dutta, Dr. Sanjay Dutta
29	CD (New)	Mr Jishu Mandal	Dr. N.C Maiti, Dr. UP Singh
30	LYOPHILIZER	Mr T P Nandi	Dr. UP Singh, Dr. Ashim Paul
31	Fluorescence Correlation spectroscopy (FCS)	Mr. Sandip Chakraborty	Dr. Saumen Dutta, Dr. D. Patra, Dr K.N Chattopadhyay
32	Bio-Layer Interferometry (BLI)	Mrs Arpita Maji	Dr. Siddhartha Roy, Dr. Manish Debnath
33	Liquid Scintillation Counter	Mr. Hari Shankar Beni	Dr. UP Singh and Dr. Tanaya Bose
34	Extracellular Flux Analyzer (Sea Horse)	Mr Sandip Chakraborty	Dr. Saikat Majumder, Dr. SS Roy
35	DLS (Dynamic Light Scattering)	Ms. Arpita Majhi	Dr. Sourish Ghosh, Dr. Ashim Paul
36	Chemi-dock-Gel-Dock	Mr Tapas Chowdhury	Dr. Subhas Biswas, Dr. Debabrata Biswas
37	Zeiss Confocal –LSM 800	Mr. Sounak Bhattacharya	Dr. Joy Chakraborty, Dr. Partha Chakrabarti
38	NIR Spectroscopy	Mr. Hari Shankar Beni	Dr. Manish Debnath, Dr. Dhableswar Patra
39	Common Instruments in G-14, Salt Lake	Mr. Nilaksha Swarnakar	Dr. Prem Tripathy, Dr. Saikat Charaborty
40	Common Instruments in Room 19,30, Jadavpur	Dr. Ardhendu Mandal	Dr. Sucheta Tripathy, Dr. Debabrata Biswas