

List Of Equipment's Available In CSIR-IICB

with Individual Scientist Labs

<u>List of Equipment</u>	<u>Location (Lab)</u>
<ul style="list-style-type: none">➤ High Speed Cooling Centrifuge➤ BOD Incubator Shaker➤ CO2 Incubator➤ Biosafety Cabinet for Microbial Cell Culture➤ Biosafety Cabinet for Mammalian Cell Culture➤ pH Meter➤ Weighing Balance➤ Microplate Reader➤ 808 nm Tunable Laser➤ Thermal Camera➤ Homogenizer➤ Ultrasonic Bath Cleaner➤ Autoclave➤ Gel Electrophoresis Unit	<u>Dr. Sujoy K Das, IICB Jadavpur Campus</u>
<ul style="list-style-type: none">➤ HPLC➤ Fluorimeter➤ UV-Vis spectrophotometer	<u>Dr. Natarajan, IICB Jadavpur Campus</u>
<ul style="list-style-type: none">➤ Bioplex 200➤ Biorad real time PCR 96/384 well compatible➤ Lonza Nucleofector➤ Biorad electroporator➤ Evos fluorescence microscope	<u>Dr. Dipyaman Ganguly, IICB TRUE campus, salt lake</u>
<ul style="list-style-type: none">➤ Real time PCR machine (CFX96 from BioRad)➤ Probe sonicator.	<u>Dr. Debabrata Biswas, IICB Jadavpur Campus</u>
<ul style="list-style-type: none">➤ Ultracentrifuge➤ fluorescence microscope	<u>Dr. Prem Prakash Tripathi, IICB TRUE campus, salt lake</u>
<ul style="list-style-type: none">➤ Refrigerated Centrifuge (Floor model with 4x500 mL, 8x15 mL and 24x2 mL rotor)➤ Refrigerated Centrifuge (Desktop model 24x2 mL rotor)➤ UV-Visible Spectrophotometer➤ PCR Machine➤ PH meter➤ Bath Sonicator	<u>Dr. Umesh Prasad Singh, IICB Jadavpur Campus</u>

<ul style="list-style-type: none"> ➤ Analytical HPLC 	<u>Dr. Deepak Kumar, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ Low temperature bath ➤ Lyophilizer ➤ Rotary evaporators 	<u>Dr. Chinmay Chowdhury, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ Rotary Evaporator ➤ Glove Box ➤ HPLC ➤ Flash chromatography ➤ Fume Hood 	<u>Dr. Ranjan Jana, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ NanoDrop 2000 (Thermo Scientific) ➤ Evos FL Equifluorescence Microscope (Life Technologies) 	<u>Dr. Jahangir Alam, IICB TRUE campus, salt lake</u>
<ul style="list-style-type: none"> ➤ Real Time PCR machine (ABI 7500) ➤ Spectrophotometer (Shimadzu) 	<u>Dr. Shib Shankar Roy, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ Refrigerated Centrifuge (Sigma, 3-16KL) ➤ Inverted microscope (Leica, 40x) ➤ Sonicator water bath (Incon) 	<u>Dr. Susanta Kar, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ Semi Auto analyzer ➤ Cold centrifuge ➤ 96 well plate reader ➤ PCR machine ➤ Inverted microscope for cell culture ➤ pH meter ➤ Vortex and stirrer 	<u>Dr. Partha Chakrabarti, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ pH meter ➤ Microscope for protein Crystal 	<u>Dr. Siddhartha Roy, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ PCR Instrument ➤ Sonicator 	<u>Dr. Sanjoy Dutta, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ AKTA prime plus. ➤ Eppendorf bench-top centrifuge 	<u>Dr. Saumen Dutta, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ Fluorimeter ➤ Absorption spectrometer 	<u>Dr. Nakul Maiti, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ Microplate Spectrophotometer (nanodrop) 	<u>Dr. Subhash Biswas, IICB Jadavpur Campus</u>
<ul style="list-style-type: none"> ➤ Thermo Sorval, tabletop refrigerated microcentrifuge ➤ Applied Biosystem's Thermal Cycler 	<u>Smruti Sanjita Behera, IICB Jadavpur Campus</u>

<ul style="list-style-type: none"> ➤ Vertical Autoclave 28 degree ➤ Shaker incubator. ➤ EVOS M5000 Fluorescent microscope with FRET and RFP filters. 	
<ul style="list-style-type: none"> ➤ High speed refrigerated centrifuge ➤ Analytical HPLC systems 	<u>Dr. Senthil Kumar, IICB TRUE campus, salt lake</u>
<ul style="list-style-type: none"> ➤ Centrifuge [Thermo Scientific] ➤ Syringe Pump [Cole Parmer] ➤ Fluorescence microscope [BIO-RAD] ➤ Magnetic stirrer [Cole Parmer] ➤ Microplate reader [Thermo Scientific] ➤ Microwave oven [Bajaj] ➤ PCR [TAKARA] ➤ pH Meter [OAKTON] ➤ Refrigerator (4°C & -20°C)[Elanpro, Samsung, Vestfrost] ➤ Rocker [TARSONS] ➤ Rotor [TARSONS] ➤ Thermomixer [Eppendorf] ➤ Two-tier Rotor [Rivotek] ➤ Vortex [TARSONS] ➤ Weighing Balance [Sartorius] ➤ Biosafety cabinet ➤ CO2 incubator 	<u>Dr. Amit Kumar Srivastava, IICB TRUE campus, salt lake</u>
<ul style="list-style-type: none"> ➤ Mouse lung function assessment Machine-FlexiVent 	<u>Dr. U. Mabalirajan's Lab, IICB TRUE campus, Salt lake.</u>
<ul style="list-style-type: none"> ➤ Real time PCR (CFX96) ➤ Multiscan Sky high ➤ Biorad gradient PCR ➤ Refrigerated centrifuge. 	<u>Dr. Shilpak Chatterjee's lab, IICB TRUE campus, Salt lake.</u>