



**DBT-BUILDER CENTRAL INSTRUMENTATION FACILITY
UNIVERSITY OF CALCUTTA**

35, Ballygunge Circular Rd, Ballygunge, Kolkata, West Bengal 700019

About Us:

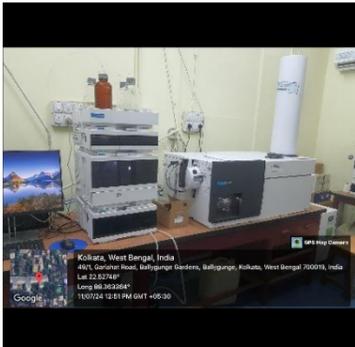
Department of Biotechnology, Govt of India supported State of the Art Facility for high end research Instruments under DBT-BUILDER Program: Interdisciplinary Life Science Programme for Advanced Research and Education, vide Sanction No. BT/INF/22/SP45365/2022 dated 24th March 2022.

Participating Departments: Biochemistry, Botany, Biotechnology, Genetics, Microbiology, Environmental Sc, Marine Sc.

The facility is open for use by Academic/ Research/Industries for research purposes for the following instruments.

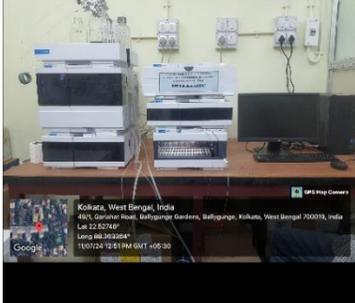
Address of the Facility: University College of Science and Technology, Tarak Nath Palit Siksha Prangan (Ballygunge Science College Campus), University of Calcutta, 35, Ballygunge Circular Road, Kolkata700019.

FACILITIES AVAILABLE

1.  Liquid Chromatography – Mass Spectrometry with Q-TOF (LC-MS)
Agilent 6530 LC/Q-TOF

[Booking Instructions \(Annexure I\)](#)

[Check Your Booking Status](#)

2.  HPLC (with fraction collector)
Agilent 1260 Infinity II

[Booking Instructions \(Annexure II\)](#)

[Check Your Booking Status](#)

3.  Confocal Laser Scanning Microscope Olympus FV3000

[Booking Instructions \(Annexure III\)](#)

[Check Your Booking Status](#)

4.  CHNS (O) Analyzer
Elementar UNICUBE

[Booking Instructions \(Annexure IV\)](#)

[Check Your Booking Status](#)

This Facility also has

1. Microtome
2. Spectrophotometer (with and without Temperature Control)
3. PCR
4. Table Top Refrigerated Centrifuge
5. -80°C Deep Freezer

User Guidelines:

- Prior to booking, kindly inquire about slot availability via email.
 - booking.confocal@gmail.com (For confocal microscopy)
 - booking.chromatography@gmail.com (For others)
- For booking users will have to download the requisition form from the link below.
- Duly filled requisition form for the specific instrument should be sent to the email ID:
 - booking.confocal@gmail.com (For confocal microscopy)
 - booking.chromatography@gmail.com (For others)
- Upon receiving the confirmation and Performa invoice, Pay the necessary service fee using the QR Code
- Submit the filled in form along with the payment receipt to the DBT-Builder facility.

EVENTS :

- **Workshop on CHNS Analyzer**
3rd November 2023, Venue: DBT-Builder Facility, University of Calcutta
- **Workshop on HPLC (with fraction collector)**
28th – 30th November 2023, Venue: DBT-Builder Facility, University of Calcutta
- **Workshop on Liquid Chromatography – Mass Spectrometry with Q-TOF (LC-MS)**
8th – 11th January 2024, Venue: DBT-Builder Facility, University of Calcutta
- **One day workshop organised on Industry-Academia interaction**
2nd February 2024, Venue: BC. Guha Memorial Hall, Department of Biochemistry, University of Calcutta
- **Workshop on Microscope and PCR**
3rd April 2024, Venue: DBT-Builder Facility, University of Calcutta
- **Workshop on Confocal Laser Scanning Microscopy**
Date: 26th – 27th September 2024, Venue: DBT-Builder Facility, 6th Floor, 35 Ballygunge Circular Rd, Kolkata, University of Calcutta
Last Date of registration : 26th August, 2024
- **Workshop on Liquid Chromatography – Mass Spectrometry with Q-TOF (LC-MS) (Upcoming)**
- **Workshop on HPLC (Upcoming)**
- **Workshop on CHNS (O) Analyzer (Upcoming)**

Rate chart:

Sl. No.	Instrument	Internal faculty	External users
1	Confocal microscope	Rs. 500/- per slot	Rs. 1500/- per slot
2	LC MS MS	Rs. 500/- per sample run Rs. 250/- data analysis	Rs. 1500/- per sample run Rs. 1000/- data analysis
3	CNH analyzer	Rs. 600-800/- based on the element	Rs. 1500/- per sample
4	HPLC	Rs. 500/- per sample	Rs. 1500/- per sample

QR Code for Payment:



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IFS Code : SBIN007766
DBT BUILDER PROGRAM
UNIVERSITY OF CALCUTTA
FROM DBT, NEW DELHI

↓ Requisition Form Download:

DBT-BUILDER PROGRAM JOINT CORDINATORS

Prof. (Dr.) Binay Chaubey
Dept. of Botany, C.U

Prof. (Dr.) Sanjay Ghosh
Dept. of Botany, C.U