Hands-on Workshop on Analytical Techniques in Biochemistry
Date: 20th to 22nd December’23

Application Closing Date: 30th November’23 (5.00 PM)

Organized by:
Department of Biotechnology
Indian Institute of Technology Kharagpur
Kharagpur- 721302

The uniqueness of this training are that you will learn about the ‘state of the art’ techniques that are used to look at the structure and properties of DNA/proteins and their complexes. You will gain ‘hands on’ experience in few analytical techniques.

Chief-Patron
Prof. Virendra Kumar Tewari
Director,
Indian Institute of Technology
Kharagpur, Kharagpur-721302, WB

Convenor
Prof. Nihar Ranjan Jana,
Head,
Dept. of Biotechnology
IIT- Kharagpur, India

Co-Convenor
Prof. Sudip Kumar Ghosh,
Dept. of Biotechnology
IIT- Kharagpur, India

Mentor’s
Prof. Amit Kumar Das
Prof. Sudip Kumar Ghosh
Prof. Anindya Sundor Ghosh
Prof. Agneyo Ganguly
Prof. Soumya De

Contact
Prof. Sudip K. Ghosh (9434144689)
Dr. Santi M. Mandal, (8900621442)

Fee Plan:
Student(BSc/MSc in any branch of Life Sciences): INR 2000/-
PhD Scholar: INR 2500/-
Academician: INR 3000/-
Industry Professional: INR 5000/-

Number of participants:50 [Registration ends after all seats have been filled on a first-come, first-served basis]. Candidate will arrange their own accommodation.

Topics:
- Understanding the principles of the bio-analytical techniques, protein purification methods (ion-exchange, gel filtration, affinity chromatography) and their applicability in biochemical/molecular biology research.
- Electrophoresis methods for the separation of DNA and Proteins
- Immunological methods including ELISA and western blotting

Registration link:
https://erp.iitkgp.ac.in/CEP/courses.htm