

# Hands-on Workshop on Analytical Techniques in Biochemistry

Date: 20<sup>th</sup> to 22<sup>nd</sup> December'23

Application Closing Date: 30<sup>th</sup> 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>

