



A COMPREHENSIVE HANDS-ON WORKSHOP IN FUNDAMENTALS OF MOLECULAR BIOLOGY TECHNIQUES

From Genes to Proteins – Learn. Practice. Excel.

Under the Auspices of the Platinum Jubilee Celebrations of IIT Kharagpur

Proposal ID : IIT/CEP/WOR/WOR/2026-2027/BT/91

Organized By:

Department of Bioscience and Biotechnology
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR, INDIA.

Date: 31st December '26 to 6th January '27



This hands-on training program is specially designed to strengthen the practical expertise in molecular biology and bring cutting-edge biotech skills into their classrooms and teaching labs. This workshop is focused on those who guide young learners and manage school or college theoretical classes and practical laboratories. By the end of the training, you will have mastered key techniques like PCR, RT-PCR, gene cloning, protein expression in bacterial vector and purification, you will also receive ready-to-use protocols, demonstration ideas, and safety guidelines to help you bring modern biology into your classroom with confidence and clarity.

Convenor: Prof. Sudip Kumar Ghosh,
Co-Convenor: Prof. Agneyo Ganguly
Dept. of Bioscience and Biotechnology
IIT- Kharagpur, India.
E.mail: fmbbsbt@gmail.com

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

Supported by: IIT-Kharagpur

Maximum number of participants: 30

Participants must be school- teachers (Class XII level Biotechnology Teachers), and College faculties

Qualification: Masters in any branch of Life Science
[Application opening :15th Aug 2026 & closing : 30.10.2026]

Registration fee: 5000/- with GST
Accommodation: On Request Rs.1000.00 + 5% GST(per day)
on Sharing basis in our Guest house

