Skill Development Program

On

"Advanced Biophysical Tools for Protein-DNA/Bimolecular Interactions"

16th – 20th November 2026

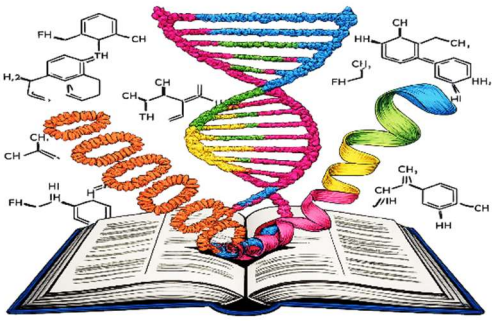
The CSIR-Center for Cellular and Molecular Biology is conducting a hands-on training on "**Advanced Biophysical Tools for Protein-DNA/Bimolecular Interactions**" (**BIOPHY-III**) targeted to faculty members/researchers from universities/institutes/industries and interested individuals in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. This training caters to individuals with varying levels of expertise, offering education and training in a range of biophysical techniques within the domain of DNA/Protein Biophysics and demonstrating their applications in research projects. The program includes informative lectures, practical hands-on sessions, guidance on instrument setup, and in-depth instructions on data collection and analysis.

No. of seats	:	10-12
Minimum Qualification	:	Masters in any branch of life Science/Allied areas
Dates	:	16th – 20th November 2026
Mode of the Course	:	In-house training at CCMB
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 18,000/- (includes GST & Accommodation)
Apply using the link	:	http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum:

Curriculum includes lectures and hands-on sessions on:

- Basics of Biophysics
- Instrument set-up for various biophysical techniques such as ITC, MST, BLI, Fluorescence Spectroscopy, CD Spectroscopy, DLS along with Protein Modeling
- Sample preparation along with tips and tricks
- Data collection and hands on for all participants
- Data analyses and presentation



Salient Features of the Training:

- Expert instructors will provide lectures and hands on training
- Certificate of participation will be issued to the participants
- Exposure to laboratory safety regulations
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions

Scan to Apply

Course Coordinator: **Dr. Shiv Pratap Singh Yadav**
Scientist- C, Biophysics
CSIR-CCMB, Hyderabad

Program Coordinator: **Dr. Archana Bharadwaj Siva**
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