



Training on

“Nanotechnology and Biodiagnostics”

5th – 9th Aug 2024

CSIR-Center for Cellular and Molecular Biology shall conduct a hands-on training workshop for five days on **“Nanotechnology in diagnostics”** 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 is intended to train about the basic techniques of nanotechnology for research in various experiments. It will be supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

No. of seats	: 8-10
Minimum Qualification	: Masters in any branch of Life Science/Allied areas
Dates	: 5 th – 9 th Aug 2024
Mode of the Course	: In-house training at CCMB
Mode of selection	: Application form & Statement of Purpose
Course Fee	: Rs. 20,000/- including accommodation

Training Curriculum:

Curriculum includes lectures and hands-on sessions on:

- Basics of Nanotechnology
- Nanoparticle synthesis & characterization
- Bioconjugation chemistries to cap bioreceptor onto nanoparticles
- Nanobioprobe synthesis and Assay development

Salient Features of the Training:

- Skilled resource persons will provide lectures and laboratory 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

Training Coordinator: Dr. Ira Bhatnagar
Principal Scientist
CSIR-CCMB, Hyderabad

Contact details:

Dr. Archana Bharadwaj Siva
Nodal Scientist
Skill Development Program
CSIR-CCMB, Hyderabad
E mail: sdp@ccmb.res.in