

Skill Development Program

On

“Nanotheranostics for Biomedical Applications”



27th to 31st October 2025



CSIR-Center for Cellular and Molecular Biology shall conduct a hands-on training workshop for five days on **“Nanotheranostics for Biomedical Applications” (NANO-3)** 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 Nanotheranostics for research in various experiments and supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

No. of seats	: 12-14
Minimum Qualification	: Masters in any branch of Life Science/Allied areas
Dates	: 27 th to 31 st October 2025
Mode of the Course	: In-house training at CCMB
Mode of selection	: Application form & Statement of Purpose
Course Fee	: Rs. 18,000/-(including accommodation)
Applying using the link	: http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum (includes lectures and hands-on sessions on):

Synthesis of:

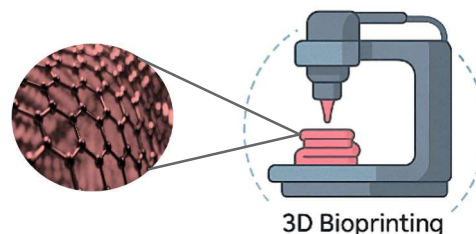
- Metal nanoparticles
- Polymer nanoparticles
- Targeted nanoparticles
- Organic quantum dots

3D Bioprinting of Hydrogels

Nanotheranostics applications of few synthesized Particles

Characterization study using high-end instruments:

- TEM
- SEM
- FTIR
- Fluorescence Spectroscopy
- Fluorescence Microscopy



Salient Features of the Training:

- Skilled resource persons will provide lectures and laboratory training
- Exposure to laboratory safety regulations
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions.
- Certificate of participation will be issued to the participants

Training Coordinator:

Dr. Ira Bhatnagar
Principal Scientist
CSIR-CCMB,
Hyderabad.

Program Coordinator:

Dr. Archana Bharadwaj Siva
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Scan to Apply

