



Workshop on “Environmental DNA (eDNA) and its Applications”

28-Nov-2023 to 2-Dec-2023

CSIR-Center for Cellular and Molecular Biology shall conduct a hands-on training workshop for five days on “**Environmental DNA (eDNA) and its Applications**” targeted to faculty/researchers from Universities/ institutes as well as people working in the industry in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. This introductory workshop is intended for beginners to teach and train them about the basics of eDNA and its applications in basic research for various experiments. It will be supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

Duration	:	5 days
No. of seats	:	20
Target Audience	:	Faculty/ Researcher from Academia/Industries/ Institutes
Minimum Qualification	:	Bachelors in any branch of Life Science/Allied areas
Dates	:	28-November-2023 to 2-December-2023
Mode of the Course	:	In-house training at CCMB
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 25000/-

Training Curriculum for Course:

Curriculum includes lectures and hands-on sessions on:

- eDNA basics and study design
- Field sampling techniques
- eDNA isolation and laboratory techniques
- Species detection using qPCR
- eDNA metabarcoding and bioinformatics

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

Contact:

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