

CSIR-Skill Development Training Program Techniques in Environmental Microbiology

20th - 23th January 2020



The Environmental Biology Laboratory
(NABL Accredited)

Organized by



IMMT

CSIR-Institute of Minerals & Materials Technology
Bhubaneswar -751 013

CSIR-Institute of Minerals and Materials Technology (Formerly RRL) was established on 13th April, 1964 under the aegis of the Council of Scientific and Industrial Research (CSIR), New Delhi. It was rechristened as CSIR-IMMT in 2007, with a renewed research focus primarily in the areas of Minerals & Materials resources engineering. At CSIR-IMMT, basic R&D problems and technology oriented programs are undertaken in a wide range of subjects like mining, minerals, metals and environment. The Institute has a modern laboratory and analytical facilities which can cater to the skill development programme. It has well experienced manpower and other necessary facilities like lecture hall, library, computer labs with internet facility etc..

Environment & Sustainability department is one of the important parts of CSIR-IMMT, engaged with environmental R & D. Recently Environmental Biology Lab (EBL) implemented the Quality Management System as per ISO/IEC 17025:2005, and got NABL accreditation in the area of water, air and soil testing in some parameters. The laboratory is capable of providing services related to the microbiology of soil, air and wastewater parameters, and the antibacterial/ antifungal property of biological extracts and material. The proposed skill development training program on “Techniques in Environmental Microbiology (TEM)” targets to impart training- cum skill development course with immense practical knowledge in the above mentioned areas to science students, research scholars, and interested persons from industries. The training will develop human resource, who can contribute towards the growing manpower requirement in environmental analytics field, to support Skill Development Programs under National Skill Development Mission.

Training Programs	Duration	No. of Seats	Eligibility
Techniques in Environmental Microbiology	4 days (20 th -23 th Jan, 2020)	20	Bachelor/Master’s degree in Biological Science – Microbiology, Biotechnology, Life Sciences, Biochemistry, Botany or Zoology

ABOUT PROGRAMME

The training will be primarily oriented towards imparting skills and knowledge on environmental microbiology; air, water and soil sampling; sample preparation, processing and analysis. The program aims at providing a hands on training on various instrumental methods according to the specified protocols. An elaborate training on principles of important tests and instruments will be imparted by the experts.

Theory: Practical = 40: 60

Interactive practical sessions in small groups

Evaluation of Trainees:

Training evaluation will be done through a short examination at the end of the course.

Certificates will be awarded on successful completion of the training.

The trainee delegates have to make their own arrangements for lodging, boarding, travel etc. for attending the skill development training course. Tea, snacks & working lunch will be provided during the training course. In selected exceptional cases for outside candidates, lodging can be arranged in the campus subject to availability of accommodation and permission of the Competent Authority of CSIR-IMMT.

OBJECTIVES

- ❖ To acquaint the candidates with good laboratory practices (GLP's) and technical quality objectives of Environmental Microbiology Laboratories.
- ❖ To provide theoretical and practical knowledge about laboratory methods of microbiological analysis of air, water and soil; and biosafety procedures.
- ❖ To improve skills in handling microorganisms and studying their morphological, physiological, biochemical and molecular characteristics.

COURSE FEES

For students: Rs. 2,000/- (Two Thousand only)

For working professionals: Rs. 4000/- (Four Thousand only)

PAYMENT OPTIONS

Demand Draft:

Drawn in favour of "Director, CSIR-IMMT", Bhubaneswar, from any nationalized bank payable at "Bhubaneswar".

Online:

Account No.: 30267734773 (current account); Name of Bank: State Bank of India; Branch: SBI, IMMT CAMPUS BRANCH, IFSC CODE: SBIN0007499; BHUBANESWAR- 751013.

Kindly provide details of the online transaction along with the application.

TRAINING VENUE

Environment & Sustainability Department, CSIR- Institute of Minerals and Materials Technology, Acharya Vihar, Bhubaneswar-751013, Odisha (India)

HOW TO APPLY

Candidates have to apply as per the application format given herewith. Selection will be made based on first come first serve basis and subject to fulfilling the criteria by screening committee.





Skill Development Coordinator

Dr. S.K. Pradhan, Pr. Scientist, CSIR-IMMT, Bhubaneswar

Course Organizer

Dr. Sony Pandey, Pr. Scientist, CSIR-IMMT, Bhubaneswar

Dr. N. K. Dhal, Chief Scientist, CSIR-IMMT, Bhubaneswar



Dr. Sony Pandey, (Principal Scientist & Quality Manager)

Environmental Biology Laboratory

Environment & Sustainability Department,

Phone (Off): 0674-237-9242, Mob- 9337733311, E-mail: sony@immt.res.in

CSIR-Institute of Minerals and Materials Technology,

Bhubaneswar-751013, Odisha

CSIR-Skill Development Training Program
Techniques in Environmental Microbiology (TEM): 20th -23th January, 2020
Environment & Sustainability Department

CSIR- Institute of Minerals and Materials Technology
Bhubaneswar-751013, Odisha (India)
Website: www.immt.res.in

Last Date for Receipt of Application: **10th January, 2020; up to 5.30 PM**

Application form

To,
The Director,
CSIR-Institute of Minerals and Materials Technology, Acharya Vihar, Bhubaneswar-751013

1. Name of the Candidate: _____

2. Father's / Guardian's Name: _____

3. Category: General/ OBC/ SC / ST: _____

4. Date of Birth: _____

5. ID Proof* (Aadhaar Card/Authentic ID): _____

6. Permanent Address: _____

7. Communication Address: _____

8. Highest Educational Qualification and Percentage obtained**:

9. Present Occupation: _____

10. Research/Industry Experience: _____

11. Phone No(s): _____ E-mail: _____

I _____ hereby declare that statements made in the application are true, complete and correct to the best of my knowledge and belief, and in the event if any of the information is found false or incorrect or any ineligibility, my candidature is liable to be cancelled and action may be initiated against me.

Candidate's Signature

* Original ID is required for candidate verification at the training venue

**Enclosures: Certificates in support of the above-mentioned information/claims.