

Application format for participants

(A duly filled application form to be sent to Programme Director)

1. Full name (In block letter):
2. Designation:
3. Address for correspondence:
4. Email id:
5. Mobile no.:
6. Date of birth:
7. Gender:
8. Working experience:
9. Details of previous training Programme availed, if any:

10. Academic Details:

Examination	Main subject	Year of passing	Grade/ %	University/ institution
Graduation				
Post graduation				
PhD				
other				

Date:

Place:

Signature of applicant

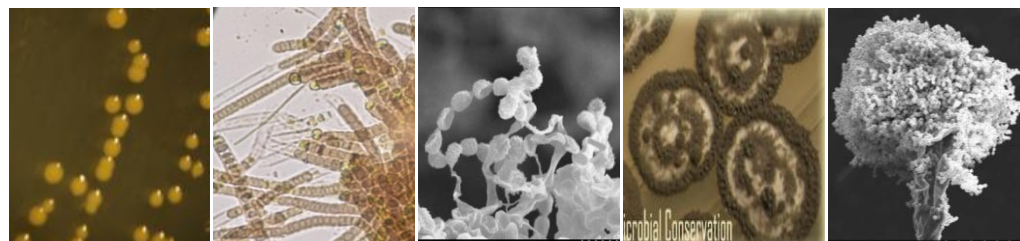
Recommendation of forwarding institution

Name and Designation:

Address :

Date:

Signature and seal



Training Programme

on

Microbial Culture Handling and Maintenance



2-11 August, 2016



Programme Director

Dr. Sushil Kumar Sharma

Co-Programme Directors

Udai B. Singh, Karthikeyan N., Pramod K. Sahu
and Samadhan Y. Bagul



ICAR-National Bureau of Agriculturally Important Microorganisms

Kushmaur, Maunath Bhanjan-275103, UP, India

Background

Microorganisms are ubiquitous in nature and influence all kind of life forms on this planet. They are numerous, diverse and operate various processes to maintain functionality of the ecosystems. Isolation, characterization and their preservation for further use is the prime focus of microbial repositories in India. Handling and maintenance of microbial cultures by employing various tools and techniques are most important for conservation of microorganisms and their further utilization in agriculture, pharmaceutical, industry and other allied sectors. Bacteria, cyanobacteria, fungi and actinomycetes are the important groups of microorganisms and each group requires handling and maintenance by specific approach for its utilization and long-term preservation. The skills of technical staff associated with these activities needs to be enhanced in the area of microbial culture handling and maintenance for effective execution of research programmes.

Course outline

The training is centred on two aspects-

- (A) Methods of isolation, identification and functional characterization of microorganisms
- (B) Methods of maintenance and preservation of culture

These two aspects will cover the topics like good microbiological practices, overview and functioning of different laboratory equipments used in microbiology labs; hands on experience with basic methodologies like isolation and purification of different kind of microbes; sampling of soil, water, plant from agricultural field and other habitats; microbiological media and their preparation; tyndallization and sterilization of soil and media; staining and visualization of microorganisms; physiological and biochemical techniques for characterization of microorganisms; tools and techniques for identification of microbes; methods for short-term and long-term preservation through lyophilisation.

Who can apply

This training programme is open for technical personnel working in different ICAR institutes. The total number of seats will be limited to 20 (Twenty) only.

How to apply

Eligible and interested participants are requested to send their application in the prescribed format duly nominated by the competent authority to the Director, ICAR-NBAIM and programme director on or before the last date by email, fax or post. The participants will be selected on the basis of their qualifications and professional experience relevant to the training course.

TA/DA, boarding and Lodging

The training expenditures like TA/DA, accommodation charges, food charges including breakfast, evening tea, and dinner has to be borne by the sponsoring institute of the participants (As per office MO. No. 4-10/2016-HRM/157 dated 13th May 2016). Bills for food and stay at ICAR-NBAIM will be provided to the participants to get claim from respective institutes. ICAR-NBAIM will provide only session tea, working lunch, study material and registration kit. Participants are requested not to bring their families along with them as the guest house facility available here is limited.

Important Dates

Last date for receipt of application- July 5th, 2016

List of selected candidates will be announced on July 7th, 2016

Correspondence: All correspondence should be addressed to Director, ICAR-NBAIM/ Programme Director.

Programme Director

Dr. Sushil Kumar Sharma

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Co-Programme Director

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Patron

Dr. Anil Kumar Saxena

Director

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*The information brochure cum application form is also available on ICAR-NBAIM website:
www.nbaim.org.in*