

ICAR-National Bureau of Agriculturally Important Microorganisms (NBAIM)

Understanding and conserving our national heritage of agriculturally important microorganisms

National Training on Techniques in Biofertilizer production: Strain selection to quality assessment

23rd to 30th September, 2026



About NBAIM

ICAR-NBAIM is one of the premier institutions of Indian Council of Agricultural Research (ICAR) leading research and development programs in the field of Agricultural Microbiology in India. The Bureau aims at collection, maintenance, conservation and utilization of agriculturally important microorganisms and their genomic resources for future needs. The Bureau has state of the art research facilities to undertake cutting-edge research in Agricultural Microbiology, Microbial Biotechnology, Plant Pathology and Bioinformatics for the benefit of Indian agriculture and farmers. Apart from core research, human resource development is also one of its mandates. The Bureau has organised several successful training programs on various aspects of basic and applied sciences to benefit different stake-holders of the society. In this line, national and international training programs on different areas of molecular microbial identification, characterization, molecular taxonomy, biocontrol, plant-microbe interactions and the applications of bioinformatics in gene mining have been organized since the inception of the Bureau.

Salient features of the training

- Cultivation & characterization of biofertilizer strains
- Mass cultivation and quality control of biofertilizers
- Regulatory framework

The training programme will include both lectures and practical sessions on the above thematic areas. Resource experts from the Bureau and other reputed institutes will address the participants. Emphasis will be given on practical sessions.

Expected benefits to the participants

The training will build hands-on competency in the cultivation, characterization, molecular identification, and quantitative assessment of biofertilizer strains. Participants will gain practical skills in nutrient mobilization, rhizobial characterization, bench-scale mass production, and classical as well as advanced delivery methods. The programme will strengthen their understanding of quality assessment, regulatory requirements, and standards for biofertilizers.

Eligible participants

Ph.D. students, Research Scholars, Post-Doctoral Fellows, Technical Officers, Scientists/Assistant Professors/Lecturers or above, from any University/ institute/ organization working in the area of biological sciences.

Fees for the training

Rs. 5000/- per trainee for students/research scholars/post-doctoral fellows and **Rs. 8000/-** for Technical officers, Scientists/Assistant Professors/Lecturers or above from Public/Private Universities or Govt. Institutions. **Rs. 12000/-** per trainee for researchers from private or Non-Government organizations /Companies/ Firms. The fees include shared accommodation, food and training materials.

How to apply?

Eligible participants may fill the attached application form and send to the Director, ICAR-NBAIM on/or before 30th August, 2026 to -

E-mail id: nbaimicar@gmail.com [copy to hillol.chakdar@gmail.com]

The selected candidates will be notified on 3rd September, 2026

Organizing Team

Course Director	: Dr. Alok Kumar Srivastava, Director
Course Coordinator	: Dr. Hillol Chakdar, Senior Scientist
Course Co-Coordinator	: Dr. Kumar M, Senior Scientist
Course Co-Coordinator	: Dr. Shobit Thapa, Scientist (Sr. Scale)
Course Co-Coordinator	: Dr. Krishnamoorthy R, Scientist



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ICAR–NATIONAL BUREAU OF AGRICULTURALLY IMPORTANT MICROORGANISMS (NBAIM)

“Understanding and conserving our national heritage of agriculturally important microorganisms”



APPLICATION FORM

National Training on

“Techniques in Biofertilizer Production: Strain Selection to Quality Assessment”

(23rd to 30th September, 2026)

1. PERSONAL AND PROFESSIONAL DETAILS

1. Name of Applicant (in CAPITAL letters)			
2. Designation			
3. Name of Organization/Institute			
4. Department/Division			
5. Address of Organization/Institute			
6. City/District			
7. State			
8. PIN Code			
Mobile No.:	Email ID:		
Contact for emergency:	Gender	☐ Male ☐ Female ☐ Other	

2. EDUCATIONAL QUALIFICATION

Degree	Subject/Discipline	University/Institute	Year	Remarks

3. PRESENT AREA OF WORK / RESEARCH EXPERIENCE

Area of specialization / present research area:

Years of professional/research experience:

Experience in biofertilizer / microbial technology / quality assessment:

4. RELEVANCE OF THE TRAINING TO YOUR WORK

Please briefly state how the training will benefit your current work and/or organization (100–150 words):

5. DETAILS OF SPONSORING / FORWARDING AUTHORITY (The application may be forwarded by appropriate authority wherever required)

Name of Sponsoring/Forwarding Authority	
Designation	
Organization/Institute	
Email ID	
Mobile/Telephone	

6. Training fees (Tick the appropriate category; applicants need to pay the fees after receipt of confirmation form ICAR-NBAIM)

☐ Rs. 5000/- per trainee for students/research scholars/post-doctoral fellows	☐ Rs. 8000/- for Technical officers, Scientists/Assistant Professors/Lecturers or above from Public/Private Universities or Govt. Institutions	☐ Rs. 12000/- per trainee for researchers from private or Non-Government organizations /Companies/ Firms.
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7. ACCOMMODATION / LOGISTICS (Shared Accommodation; Extra charges as per ICAR rules are applicable for single accommodation)

Accommodation required: ☐ Yes ☐ No **Check-in date:** _____ **Check-out date:** _____

Place & Date: _____

Signature of Applicant: _____