

Application Form  
Training Programme on  
“Basic Microbiological Techniques for Studying Microbes”  
During 24<sup>th</sup> – 31<sup>st</sup> July, 2017  
For Technical Personnel of ICAR

1.	Full name (in block letters)	:	
2.	Designation	:	
3.	Scale of Pay	:	
4.	Organization with complete Address and Telephone	:	
5.	E-mail address:	:	
6.	Date of Birth	:	
7.	Sex (Male/Female)	:	
8.	Whether SC/ST/OBC/General	:	
9.	Education Qualification:		
	Examination passed	Subjects	Year of passing
			University/Institute
10.	Professional Experience	:	
11.	Previous courses attended, if any	:	
12.	Level of Knowledge of microbiological tools		Low/medium/high
13.	Details of DD	:	For SAU/KVK/CAU

Signature of the Applicant with date

**Certificate**

It is certified that the information furnished above is correct. If the candidate is selected and intimated accordingly, he/she will be relieved to participate in the said training at IARI, New Delhi.

Signature of the Sponsoring authority  
with Seal and Date



**Announcement**



**Training Programme for Technical Staffs  
of ICAR**

on

**Basic Microbiological Techniques  
for Studying Microbes**

24<sup>th</sup> – 31<sup>st</sup> July, 2017

**Course Director: Dr. K. Annapurna**

**Course-Cordinator: Dr. Surender Singh**

**Organized by**

Division of Microbiology,  
ICAR-Indian Agricultural Research Institute,  
New Delhi 110 012

## Background

The Indian Agricultural Research Institute (IARI), a premier organization of the Indian Council of Agricultural Research, is a seat of great scientific achievements and an excellent centre of learning. The Division of Microbiology is one of its oldest disciplines with high level of faculty expertise. Based on the long experience in human resource development and in view of the fast changing scenario of soil, water & food microbiological analysis and instrumental methods and their applications, the Division of Microbiology is regularly organizing trainings, entrepreneur development courses and other HRD activities since its inception. The proposed training for technicals shall be organized in the Division of Microbiology, which is well equipped to carry out basic and applied research on various aspects of Microbiology, especially relevant to agriculture. The present course is designed to meet the very basic requirement for microbiological analysis of the technical staff of ICAR institutes.

## Objectives

1. To acquaint technical persons with basic tools and techniques used in microbiology
2. To give hands on training on enumeration of microorganisms from different samples (soil/food/water)

## Course Content

The course has been structured in a series of classroom lectures followed by practical on enumeration of microorganisms in different samples. Course material will be provided to all participants. Course includes:

- Role of microorganisms in soil, water and food
- Sampling of material for microbiological analysis

- Basic tools and techniques in microbiological analysis of soil, food and water samples
- Handling, storage and maintenance of microbial cultures
- Methods to study microbial soil health indicators
- Biosafety compliance in Microbiological laboratories
- Statistical methods in microbiology

## Venue

Division of Microbiology,  
ICAR- Indian Agricultural Research Institute, Pusa  
New Delhi, India 110012

## About New Delhi

New Delhi, India's capital and a major gateway to the country, is a bustling metropolis, which successfully combines in its fold the ancient and the modern. Standing along the West End of Gangetic Plain, Delhi unwinds a picture rich with culture, architecture and human diversity, deep in history, monuments, museums, galleries, gardens and exotic shows. Exploring the city would be a fascinating and rewarding experience. It is well connected by air, rail and bus to the rest of the country. The climate in Delhi is hot with frequent rains in July. The temperature ranges from a maximum of about 40°C to a minimum of about 20°C.

## HOW TO APPLY?

The eligible technical employees who are desirous to attend the training programme are requested to send their nomination duly recommended by the competent authority of the institute, to the Course Director in the enclosed proforma via Registered Mail/Courier/E-mail, so as to reach latest by June 30, 2017.

Preferably, one technical staff will be considered from an institute. The selection of the participants will be made as per the guidelines of ICAR.

## Eligibility

- Bachelor's Degree in any discipline.
- Working as Technical Personnel (T-1 and above) in an ICAR Institute.

## Accommodation, travel and other arrangement

There is no course fee for the above programme for technical persons of ICAR. However, technical personnel from SAUs/CAUs & ICAR funded KVKs will be required to submit registration fee of Rs. 1000/ in form of DD in favor of Director, IARI. TA/DA as admissible under rules in respect of the nominated official will be borne by the institute concerned of the participant. Accommodation may be provided at IARI campus on payment basis if available. Bill for accommodation and food charges will be provided to the participants. The applicant will not be allowed to withdraw their nomination after acceptance by IARI. The Participants should make their own transport arrangement to reach the IARI.

Number of participants : 25  
Last date for receipt of nomination : 30-06-17  
Selected candidates will be informed by : 02-07-17

## All correspondence may be addressed to:

Dr. K. Annapurna  
Course Director  
Head, Division of Microbiology  
ICAR- Indian Agricultural Research Institute, Pusa  
New Delhi, India 110012  
Email: head\_micro@iari.res.in; Mob. 9868422180

Dr. Surender Singh  
Course-Coordinator  
Scientist (Sr. Scale), ICAR- IARI  
Email: ssriari@gmail.com; Mob: 9999440484

Application Form for Training Programme on  
**“Basic Microbiological Techniques for Studying Microbes”**  
**During 24th<sup>th</sup> – 31<sup>st</sup> July, 2017**  
**For Technical Personnel of ICAR**

1.	Full name (in block letters)	:			
2.	Designation	:			
3.	Scale of Pay	:			
4.	Organization with complete Address and Telephone	:			
5.	E-mail address:	:			
6.	Date of Birth	:			
7.	Sex (Male/Female)	:			
8.	Whether SC/ST/OBC/General	:			
9.	Education Qualification:				
	Examination passed		Subjects	Year of passing	University/Institute
10.	Professional Experience	:			
11.	Previous courses attended , if any	:			
12.	Level of Knowledge of microbiological tools		Low/medium/high		
13.	Details of DD	:	For SAU/KVK/CAU		

Signature of the Applicant with date

**Certificate**

It is certified that the information furnished above is correct. If the candidate is selected and intimated accordingly, he/she will be relieved to participate in the said training at IARI, New Delhi.

Signature of the Sponsoring authority  
with Seal and Date