

## How to Apply

As per ICAR instructions, the interested candidates should apply online by registering at CBP portal (<http://cbp.icar.gov.in>) through "Capacity Building Programme" latest by 04.08.2019. Printout of online submitted form duly signed and recommended by the competent authority of SAU/ICAR Institute should be sent to the Course Director of CAFT through proper channel. Applicants may send an advance copy in anticipation of delay in forwarding through proper channel. The list of selected candidates will be displayed in the Assam Agricultural University website ([www.aau.ac.in](http://www.aau.ac.in)) and will also be conveyed to the applicants through e-mail. Only 25 participants shall be selected for the course. The Course Director or Course Coordinator may be contacted for any query. Kindly see the web links provided for online submission of applications.

## Eligibility

The training is designed for the teachers/ scientists in SAUs/ICAR Institutes in the rank of Scientists/ Asst. Prof. or above in the subject of Agronomy / Soil Science/ Plant Pathology/ Entomology/ Agricultural Microbiology/ Microbiology/ Nematology/ Food Sci- or any other related disciplines.

## Important dates

Last date of receipt of application : 04.08.2019  
Intimation of selection : 10.08.2019  
Confirmation of participants by candidates : 15.08.2019

## Print Screen Image of CBP vortal for online

## Correspondence

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## ICAR Sponsored Training On Exploitation of Beneficial Microbes in Organic Agriculture

4-24 September'2019



**Course Director**  
Dr. R. M. Karmakar

**Course Co-ordinators**  
Dr. Dhruva Jyoti Nath  
Dr. R. Baruah

**Organized by:**  
Centre of Advanced Faculty Training  
in  
Organic Farming

Department of Soil Science  
Faculty of Agriculture  
Assam Agricultural University  
Jorhat:785013

## About the CAFT

Beneficial microorganisms are readily used in agriculture as well as in the food products. In agriculture, the formulation of live beneficial microorganisms helps in availability of nutrients and suppresses the pathogens by their biological activity in particular, and supports build-up the microflora and soil health in general. In foods, the probiotic cultures are successfully applied in different types of food matrices. Very often microorganisms are not as efficient in natural surroundings as one would expect them to be and therefore artificially inoculation of efficient selected microorganisms play a vital role in accelerating the population dynamics in soil as well as in food products. The exploitation of beneficial microorganisms in agricultural production assumes special significance, particularly, in the present context of increased cost of agrochemicals and their hazardous effects on soil health *vis-a-vis* to augment organic farming. Organically produced foods are not only to satisfy hunger, to deliver essential nutrients but also to prevent the development of nutrition-related diseases and to improve physical and mental well-being of consumers.



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## Subject Areas to be Covered

1. Isolation and characterization of plant beneficial microorganisms.
2. Mass scale production of biofertilizer microbes and their quality control.
3. Isolation, characterization and culturing techniques of different bio-agents for biopesticides.
4. Commercial bio-formulation and its production technologies.
5. Potential applications of probiotics in organic foods and its formulations.

## AAU at a Glance

Assam Agricultural University is the first institution of its kind in the whole of North Eastern Region of India. The main goal of this institution is to produce globally competitive human resources in farm sector and to carry out re-



search in both conventional and frontier areas for production optimization as well as to disseminate the generated technologies for benefiting the food growers/producers and traders involved in the sector while emphasizing on sustainability, equity and overall food security at regional and national level. The university has

progressed tremendously in recent years and is the recipient of country's prestigious "Sardar Patel Outstanding Institution Award, 2014" conferred by Indian Council of Agricultural Research (ICAR) for excellence in the field of research, teaching and extension activities.

The Department of Soil Science was established in the year 1948 and the post graduate teaching programme was commenced in the year 1965. The Ph.D degree programme was started in the year 1985. The department is now well equipped with facilities and experienced teachers in all the branches of soil science.

## How to reach AAU

Assam Agricultural University is located at Jorhat and well connected by road, air and rail networks. The university is at a distance of 5 km from Inter-State Bus Terminus (ISBT), Jorhat; 6 km from Jorhat Town and Railway Station and 2 km from Jorhat Airport and 22 km from Mariani railway junction. Jorhat is connected through direct trains and flight service from different parts of the country. Regular bus, train and flight services are available from Guwahati, 300 km away from Jorhat.

## Travel and Accommodation

The participants will be paid travel fare to and fro, through the shortest route and restricted to AC-III-tier train fare or bus fare. Facilities for boarding and lodging will be made available for the participants free of cost at AAU- Guest House. TA will be paid on production of tickets by the participants.