

“Fascinating Microbial Biomolecules for Plant and Human Health”

Application Format

1. Full Name (in block letters) :
2. Designation :
3. Area of specialization :
4. Present employer and address : E-mail :
5. Full address with PIN to which reply should be sent (In Block Letters) : Tell No.:
Fax No.:
6. Date of Birth :
7. Sex : Male Female
8. Teaching/Research/Professional experience (mention post held during last 5 years and number of publications) :
9. Mention if you have participated in any summer / Winter School / Short Courses, etc. during the previous 5 years under ICAR / other organizations :
10. Academic record :

Name of the degree	Subjects Main/subsidiary	Year of passing	Class/rank/ distinctions	University of Institution
Bachelor's degree				
Master's degree				
Doctorate				

Place:

Signature of the applicant

Date:

It is certified that the information furnished has been verified with the office record and found correct.

Signature & Designation of the sponsoring authority
with address and office seal



ICAR-NAIP National Training On “Fascinating Microbial Biomolecules for Plant and Human Health”

25th February to 10th March, 2013



Course Director

Dr. A. S. Krishnamoorthy
Professor (Plant Pathology), DABD

Course Associate Directors

Dr. S. Nakkeeran **Dr. T. Raguchander**
Professor (Plant Pathology) Professor (Plant Pathology)

Dr.C.Ponniah
Professor (Environmental Sciences), DABD

**DIRECTORATE OF AGRIBUSINESS DEVELOPMENT &
DEPARTMENT OF PLANT PATHOLOGY, CPPS
TAMIL NADU AGRICULTURAL UNIVERSITY
COIMBATORE 641 003**

BACKGROUND AND OBJECTIVE

Microbial biotechnology offers opportunities for worldwide commercialization of bioactive molecules having nutraceutical, pharmaceutical and biopesticidal properties. Mushrooms for food alone concept is now changed with the advent of newer proprietary health care products obtained from those higher fungi. Anti tumour polysaccharides like hetero beta-glucans, lectins, proteases, ribonucleases, ribosome inactivating proteins have been isolated from *Lentinula edodes*, *Ganoderma lucidum*, *Schizophyllum commune*, *Trametes versicolor*, *Inonotus obliquus* and *Flammulina velutipes*. The market value of the medicinal mushroom *G. lucidum* is reported to be around US \$2,200 million. Ecofriendly bio-pesticidal molecules from microbes offer greater challenges to the sustainable crop protection. Strobilurin and azoxystrobin from *Strobilurus tenacellus* and oudemansin from *Oudemansiella mucida* are commercially explored environmentally benign fungicides with wide spectrum of activity. Scientific community needs to be appraised on the expanding horizon of newer biomolecules of microbial origin for human and plant health. Hence, the training programme is planned as a part of knowledge sharing with business promotion opportunities

ELIGIBILITY

Agricultural Scientists / Teachers working in State Agricultural Universities, ICAR research Institutes, Central Agricultural Universities and KVKs in the field of Plant Pathology, Microbiology and Biotechnology are eligible to apply.

COURSE CONTENT

The course is designed to reveal expert knowledge on commercialization of bioactive molecules of microbial origin for plant and human health.

DURATION OF THE COURSE

The duration of the Training Programme will be of 14 days from 25th February to 10th March 2013. The participants are expected to reach TNAU campus on 24th of February 2013 and could leave the campus on 11th March 2013.

VENUE

Directorate of Agribusiness Development & Department of Plant Pathology, Centre for Plant Protection Studies, TNAU, Coimbatore 641 003, Tamil Nadu.

BOARDING, LODGING AND TRAVEL

Boarding and lodging will be provided to the participants at Teachers Hostel, TNAU, Coimbatore. South Indian meal and breakfast will be made available to the participants during the programme. The TA will be reimbursed for the III tier AC train / bus fair on the production of the tickets by the participants and back by the shortest route. As lodging facilities are limited only to the participants accompanying guests are not encouraged.

THE CITY

Coimbatore is an important industrial city in Tamil Nadu, and is best known as 'Manchester of South India'. It is situated in the foot hills of panoramic western guards and well connected by air, train and road from all major cities of India. The city holds attractions like ancient temples, theme parks, shopping malls, water sports and natural scenic beauties. Ooty the queen of hills is approximately 80 KM away from Coimbatore. The selected participants can seek advice for their travel plan.

WEATHER

The weather in this season at Coimbatore is mild and the maximum and minimum temperature varieties between 18°C and 30°C.

LAST DATE FOR THE RECEIPT OF THE APPLICATION

The nomination may be sent by e-mail / post / FAX direct to the Course Director, **Dr. A.S.Krishnamoorthy, Professor (Plant Pathology) on or before 25th January 2013** and the final list of selected candidates will be communicated **before 31st January 2013**.

Filled in Applications and further correspondence may be sent to

Dr. A. S. Krishnamoorthy, Ph.D, FNABS,
Professor (Plant Pathology) & Course Director (NAIP- National Training)
Directorate of Agribusiness Development
Tamil Nadu Agricultural University
Coimbatore 641 003

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