

APPLICATION FORM

Entrepreneurship Skill Development Program in Agri. Biotechnology
02-12-2021 to 31-12-2021

Center for Biotechnology Research, Department of Biotechnology and Crop Improvement, College of Horticulture, University of Horticultural Sciences, Bagalkot - 587 104

(Fill in Block Letters)

I am interested to participate in the above training

Name.....

Age Category.....

Gender..... Qualification

Address.....

..... Pin code.....

Mobile No.....

Email

Present occupation

.....

Dated..... Signature.....

Please send duly filled application form along with two recent passport size photos and relevant certificates/documents up to **28th November, 2021** to this email: gprabhuling@gmail.com or prabhuling.g@uhsbagalkot.edu.in

OR

You can send hard copy of application form to **Dr. Prabhuling G.**, Programme Coordinator, Center for Biotechnology Research, Department of Biotechnology and Crop Improvement College of Horticulture, University of Horticultural Sciences Bagalkot - 587 104.



UNIVERSITY OF HORTICULTURAL SCIENCES BAGALKOT-587 104

Entrepreneurship Skill Development Program
in Agri. Biotechnology
02-12-2021 to 31-12-2021



DBT Sponsored Hands-On Training Programme in Plant Tissue Culture for Aspiring Entrepreneurs

Organized by :

University of Horticultural Sciences, Bagalkot
In Partnership With Karnataka Innovation and
Technology Society, Government of Karnataka, Bengaluru

Sponsored by :

Department of Biotechnology
Government of India, New Delhi

INTRODUCTION

Karnataka is having great potential for cultivation of horticulture crops. The demand for micropropagated plants in horticulture especially in bananas is growing rapidly. There is a large gap between the demand and supply of quality planting material. This clearly indicates a need for boosting the youths in setting up additional units, training manpower and supply quality plants with more competitive prices for improving the horticultural productivity and enhancing the socio-economic status of the farmers.

PROGRAMME OVERVIEW

With increasing demand for horticulture crops, the demand for high-quality, high-yielding, disease-free planting stock has increased significantly over the last two decades. Plant tissue culture has emerged as an important biotechnological tool to multiply elite varieties of high quality, disease free and high yielding plants rapidly in the laboratory irrespective of the season of the year. This course, therefore, aims to empower entrepreneurs on various aspects of plant tissue culture namely laboratory set up, handling of equipments, media preparation, sterilization techniques, inoculation, culture maintenance, sub-culturing, *in vitro* rooting, hardening, genetic fidelity testing and virus indexing by molecular techniques, industrial training, DPR preparation, funding sources etc and commercial laboratory and field visits.

WHO CAN PARTICIPATE?

B.Sc(Hort)/(Agri)/(Forestry)/(Botany) or B.E / B.Tech (Biotechnology / Bioinformatics) or any degree/diploma course in life science and allied subjects.

OUTCOME

Empowered trainees towards setting up of own commercial plant tissue culture laboratory.

NUMBER OF TRAINEE

Maximum 30 trainees are allowed.

DURATION

30 days.

HOW TO REACH

University of Horticultural Sciences, Bagalkot is located Near Seemikere Cross which is about 8 km from Navanagar Bus Stand, 12 km from Bagalkot Bus Stand, 11 km from Bagalkot Railway Station and 4 km from Gaddanakeri Cross.

ABOUT UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOT

The University of Horticultural Sciences (UHS), Bagalkot Karnataka is the third Horticulture University in the country and first in the State, which came into existence on 22nd November, 2008. Bagalkot is University headquarters which is known for its rich horticultural production base of grapes, pomegranate, banana, lime, sapota, ber, fig, vegetables, beetle vine, coconut, spices and medicinal plants. The UHS, Bagalkot has its jurisdiction covering 24 districts spread over all the agro-climatic zones of Karnataka.

ABOUT CENTER FOR BIOTECHNOLOGY RESEARCH

State-of-the-art Center for Biotechnology Research (CBR) has been established at UHS, Bagalkot with the financial support of Karnataka Innovation and Technology Society (KITS), Department of Electronics, Information Technology, Biotechnology and Science & Technology, Government of Karnataka (KBITS/126/BFC/5/2013-14). CBR houses plant tissue culture facility consisting of media preparation, sterilization and storage room, clean transfer room, growth rooms, PCR, electrophoresis unit, gel doc, fume hood, bench spaces, washing and storage space, green house, shade house, mother block of banana local cultivars and several other crops. The center supports entrepreneurs with technical assistance, work space, access to specialized equipments, business planning and networking. Technology business incubation is an added phenomenon that the CBR works on to develop entrepreneurship in agri-biotechnology.

EXPERTISE AND FACULTY

Programme Coordinator

Dr. Prabhuling G

Professor (Plant Biotech)

CoH, Bagalkot

Co-Programme Coordinator

Dr. Kulapati H

Professor (Fruit Biotech)

CoH, Bagalkot

Co-Programme Coordinator

Dr. Shripad Vishweshwar

Asst. Professor (Economics)

Directorate of Extension, UHSB

Co-Programme Coordinator

Dr. Rekha Chittapur

Assistant Professor (Plant Breeding)

CoH, Bagalkot

Co-Programme Coordinator

Dr. Raghavendra Gunnaiah

Assistant Professor (Molecular Biology)

CoH, Bagalkot

CONTACT PERSON

For further information contact:

Programme Coordinator

Dr. Prabhuling G.

Center for Biotechnology Research
Department of Biotechnology and Crop Improvement

College of Horticulture

Bagalkot - 587 104, Karnataka

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