

Application Form

1. Full Name: _____
2. Designation: _____
3. Sex: _____ 4. Date of birth _____
5. Present address: _____

6. Tel No. _____ (office) _____ (Res)
7. Email address _____

8. Teaching/ research /professional experience along with the posts held (during last five years)

Post held	Institution	Period	Nature of duty

9. Academic records

Exam Passed	Subjects	Year of passing	Percent/ OGPA	University
Ph.D.				
Masters degree				
Bachelors degree				

Mobile Contact _____

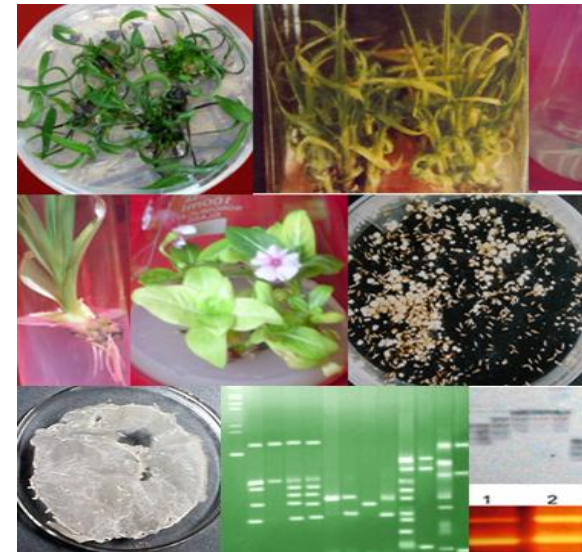
Signature of the applicant

10. Date: _____
11. Place: _____

12. Recommendation of forwarding institution/organisation:

A Project cum Practical training on PLANT / MICROBIAL BIOTECHNOLOGY

2011



Course Director : Dr K S BOORA

Organized By

Department of Biotechnology & Molecular Biology,
College of Basic Sciences & Humanities
CCS Haryana Agricultural University, Hisar, Haryana

Hisar: It is located 165 Km from Delhi, 320 Km from Jaipur. It is connected from Delhi by train as well as bus. The buses ply between interstate bus terminus (ISBT) New Delhi and Hisar. There are two trains from Delhi viz., Haryana Express (leaves New Delhi Railway station at 6:00PM) and Kisan Express (leaves Old Delhi railway state at 3:00PM).

Duration: OPEN THROUGH 2011

Course Fees: Participants are requested to pay a sum of Rs. 5000/- PM (Rs FIVE thousand only PER MONTH) as registration fee. The registration fee shall be deposited in cash at the time of registration in the office of MBB Deptt. COBS&H, CCS HAU Hisar.

Laboratory and Computing facilities: The biotechnology & molecular biology laboratories are well equipped with modern equipments and other lab wares required.

Lodging and Boarding: Arrangements for the stay of the student participants during the training program will have to be made by the students on their own. The organizers of the course will not bear any expenses on account of boarding and lodging of the participants.

Number of Participants: The maximum number of participants shall be 10.

Participants and Eligibility: Participants are invited from ICAR Institutes/ SAU/Basic Science Institutes/ State Governments/Private Organizations. They should be graduates or Graduation students having interest in the training.

How to apply: The application for participation may be sent in enclosed prescribed format, duly forwarded by Head of the institution. It should reach the Course Director latest by a week before desired date of commencement by post, fax or email. TA & DA of the participants will be borne by the participants/sponsoring institutions/ organisations etc. The participants will be selected on 'first come first serve' basis.

All correspondence may please be addressed to:

Dr. K S BOORA, Course Director cum Prof & Head
Department of Mol Biol, & Biotechnology, CCS HAU, Hisar
Phone no. 01662- 289407 (O) Cell: 09416489617 Fax 01662-234613, 234952
Email: hod_bmb@hau.ernet.in,

Photocopy of the application form can be used

A Project cum Practical training on 'PLANT / MICROBIAL BIOTECHNOLOGY'

Objective

Agricultural biotechnology encompassing areas of transgenic development, structural and functional genomics including marker assisted crop improvement could provide us with opportunities towards breaking the yield plateaus for sustainable food production. The recombinant DNA technique has enabled gene transfer across all possible inter-species barriers. The present era of 'Gene Revolution' requires skilled human resources in this high throughput area. The Department of Molecular Biology & Biotechnology, CCS Haryana Agricultural University, Hisar, Haryana is a leading seat of learning in the field of Agricultural Biotechnology with emphasis on plants and microorganisms.

The department is going to organize a six months hands on training on a Project covering different techniques in plant tissue culture, genetic engineering and molecular biology. The proposed training has been designed keeping in view the needs of State Univ. & Colleges and Graduate college students. The training programme will include lectures as well as practical classes and project involving active involvement of the candidate on an area of Molecular Biology & Biotechnology.

The broad areas of Project would be:

1. Micropropagation of important crop plants, cash crops, ornamentals, forest & horticultural trees, medicinal & aromatic plants.
- 2 Development of regeneration/ transformation protocols in tomato and cauliflower.
3. Interspecific hybridization in *Brassica* and Guar through embryo rescue.
4. DNA fingerprinting of important crops of Haryana.
5. DNA fingerprinting of important horticultural and forest trees.
6. Cloning and characterization of sex-linked markers in dioecious plants-datepalm and jojoba.
7. Manipulation of rhizobacteria for improved plant growth.