



Institute of Agricultural Sciences Banaras Hindu University, Varanasi – 221005

Summer Training on Techniques and Tools of Plant Biotechnology - 2013

ABOUT

Institute of Agricultural Sciences, Banaras Hindu University, Varanasi has state-of-art laboratories for plant tissue culture, DNA fingerprinting, Molecular breeding and bioinformatics. In view of requests from a large number of students across the country to provide the institutional training as a requirement of their curriculum of B. Tech, M. Sc. (Biotech.), M.Sc. (Genetics & Plant Breeding) and M. Tech courses, Institute organizes three weeks hands on training to students of related disciplines. The participation in the training is limited to a manageable number of 20 trainees so as to facilitate direct hands on exposition to all participants.

COURSE CONTENT

The training on basics of molecular biology tools, bioinformatics and plant tissue culture techniques would provide exposition to the following main areas:

- DNA/RNA Techniques – Basic techniques of DNA/RNA, handling towards genomics.
- Molecular Biology Tools and Methods – Recent molecular biology tools & techniques including gene cloning, sequencing and analysis.
- Application of Techniques – Marker aided selection, gene/QTL mapping
- Bioinformatics Tools and Applications. – Biological database and their annotations, Pairwise and multiple sequence alignment, Genome and proteome analysis, Data Mining, Phylogenetic analysis etc.

HOW TO APPLY?

The application along with the bio-data of applicant should be forwarded by the head of the institution/department. The selection criteria will include the need of training and possibility of future work by the candidates and their academic record. The course fee is Rs. 10,000/- and it would cover the registration and study material for the practicals. The last date for receiving of

applications in the office of the Director is 14th May, 2013. The provisional selection will be intimated to the candidates through speed post/E-mail which will be confirmed only upon receiving the fee of Rs. 10,000/- through DD drawn in favour of Director, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi payable at Varanasi on or before 25th May, 2013.

The candidates will have to arrange their accommodation during the course of training. Course structure Faculty comprising of the scientists and experts in the respective fields will give the lectures and practical demonstrations. The training will be of three weeks duration and beneficial to the students of the university, colleges and departments.

The participation is through selection of the applicants by the organizers through an advisory committee and the committees' decision will be final and binding. The students desirous of attending may apply on the format provided herewith along with curriculum-vitae, a letter from Head/Dean and self-attested copies of certificates. The participants are expected to fully involve themselves in the training without leave and sign the undertaking in this respect. No TA/DA will be admissible to the participants for attending the training.

Last date for submitting application form : 14th May 2013 (To reach organizers)
Dispatch of provisional selection letters : 15th May 2013 (Speed Post/Fax/email)
Last date for submitting Training Fee : 25th May 2013 (To reach organizers)
Summer Training : 8th June - 28th June, 2013

Contacts:

The application should be sent to:

Prof. Ravi P. Singh
Training Coordinator and Director
Institute of Agricultural Sciences,
Banaras Hindu University, Varanasi – 221005,
Ph. 0542-2368993
E-mail: director.ias.bhu@gmail.com

Ravi P. Singh
(DIRECTOR)

निदेशक
DIRECTOR
कृषि विज्ञान संस्थान, का.हि.वि.वि,
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