

TRAINING ON "TECHNIQUES IN MOLECULAR BIOLOGY AND PLANT TISSUE CULTURE"

CENTRE FOR PLANT BIOTECHNOLOGY AND MOLECULAR BIOLOGY (CPBMB)
IT-BT COMPLEX, COLLEGE OF HORTICULTURE
KERALA AGRICULTURAL UNIVERSITY
VELLANIKKARA (P.O), THRISSUR-680656
TEL: 0487-2438576
Email: trainingcpbmb2015@gmail.com


Training on "Techniques in Molecular Biology and Plant Tissue Culture" will be conducted from 18-06-2018 to 30-06-2018 at Centre for Plant Biotechnology and Molecular Biology, College of Horticulture, Vellanikkara.

IMPORTANT DATES

- | | |
|--|--------------------------|
| 1. Receipt of duly filled registration form and bio data | - up to 15/06/2018 |
| 2. Intimation of selection | -16/06/2018 |
| 3. Remittance of course fee | -on or before 18/06/2018 |

Contact no. 9539924068, 8156858113

Vellanikkara
17/05/2018



DR M. R Shylaja
Professor & Head
Dept. of Plant Biotechnology
CPBMB, College of Horticulture

REGISTRATION FORM

**CENTRE FOR BIOTECHNOLOGY AND MOLECULAR BIOLOGY (CPBMB),
IT-BT COMPLEX, KERALA AGRICULTURAL UNIVERSITY
VELLANIKKARA [P.O], THRISSUR – 680 656
Tel: 0487-2438576**

E-mail: trainingcpbmb2015@gmail.com

1. Name :
2. Designation :
3. Specialization :
4. Post graduation [Completed/ pursuing] :
5. Institute/College/University :
6. Telephone No. :
7. Address for Correspondence :

8. E-mail Address :
9. Training programme applied for :

- | | Preference |
|--|------------|
| 1. Hands on training on techniques in molecular Biology | |
| 2. Plant tissue culture and applications | |
| 3. Training on techniques in Molecular Biology and Plant tissue culture | |
| 4. Summer training on techniques in Molecular Biology and Plant tissue culture of students undergoing M.Sc. (Biotech)/B.Tech (Biotech) | |
| 5. Micropropagation of banana and ornamentals for entrepreneurship development | |
| 6. Providing facilities for PG dissertation research project to outside university students | |

Mark a tick (✓) legibly. Applicants can apply for more than one programme in a single registration form. In that case preference may be indicated in Roman numeral against the Sl. No. of the programme. The following information may please be given:-

10. Mode of payment: (i) In cash or DD in favour of Professor & Head, CPBMB, KAU payable at SBI, KAU Main Campus, Vellanikkara, Thrissur – 680 656
DD no..... Dated..... Amount.....
11. Your involvement in Plant Biotechnology & Molecular Biology:
12. Project title (If applicable) :
13. Details of similar training/workshop attended :
14. Justification for considering for the training Programme selected :

Place:
Date:

Signature

Training Curriculum

Techniques in Molecular Biology and Plant tissue culture

DNA isolation from plants and microbes, Restriction digestion, Spectrophotometry, Agarose gel electrophoresis. Recombinant DNA technology – cloning- ligation, transformation and recombinant selection. Polymerase chain reaction. Molecular markers and genome mapping. Analysis of data using softwares.

Techniques in PTC – Asepsis - essential requirements – different media – culture conditions – different routes of micropropagation – direct and indirect methods. Different stages – establishment, multiplication, proliferation, rooting and hardening. Trouble shooting – concerns and issues.