

## **One week Training on “Techniques in Plant Tissue Culture and Quality Evaluation of Tissue Culture Plants”**

CENTRE FOR BIOTECHNOLOGY AND MOLECULAR BIOLOGY (CPBMB),  
IT-BT COMPLEX, COLLEGE OF HORTICULTURE,  
KERALA AGRICULTURAL UNIVERSITY  
VELLANIKKARA [P.O], THRISSUR – 680 656

**Tel:** 0487-2438576

**E-mail:** [trainingcpbmb2015@gmail.com](mailto:trainingcpbmb2015@gmail.com)

Training on “Techniques in Plant Tissue Culture and Quality Evaluation of Tissue Culture Plants” will be conducted during July 2018 from 23.07.2018 to 28.07.2018 at Centre for Plant Biotechnology and Molecular Biology.

### **Important Dates**

- 1. Receipt of duly filled registration form and biodata - up to 20/07/2018**
- 2. Intimation of selection - 21/07/2018**
- 3. Remittance of course fee - on or before 23/07/2018**

Contact No.: **9539924068, 8156858113**

Vellanikkara  
09.07.2018

Sd/-  
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](mailto: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<br>Summer training on techniques in Molecular Biology and Plant tissue | .....      |
| 4. culture<br>of students undergoing M.Sc. (Biotech)/B.Tech (Biotech)  | .....      |
| 5. Micropropagation of banana and ornamentals for entrepreneurship<br>development .....  | .....      |
| 6. Providing facilities for PG dissertation research project to outside<br>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**

### **Plant Tissue Culture and Quality Evaluation of Tissue Culture Plants**

Plant tissue culture – principles and concepts – techniques in plant tissue culture – Asepsis essential requirements – different media – culture conditions – different routes of micropropagation – organogenesis, embryogenesis – direct and indirect methods. Different stages – establishment, multiplication, proliferation, rooting and hardening. Quality assurance of TC plants – clonal fidelity testing and virus indexing.