

Prospectus

**PLANT TISSUE CULTURE TECHNICIAN CERTIFICATE**  
**COURSE 2023-2024**

**Biotechnology and Model Floriculture Centre, Kazhakuttom**  
**Department of Agriculture Development and Farmers'**  
**Welfare,**  
**Govt. of Kerala**

## **Introduction**

Biotechnology offers a powerful tool to improve agricultural production and will be one of the primary engines of growth and prosperity. The potential of biotechnology is enormous and offers the possibility of producing quality plantlets for use in the farmer's field. The scope of biotechnology is unlimited and the technology can propel India's future growth and has the potential to enable India to leapfrog into a developed nation. However, there is shortage of trained manpower in this field.

Biotechnology and Model Floriculture Centre (BMFC), Kazhakuttom, Department of Agriculture, Government of Kerala is situated 18 Km north of Trivandrum City. The tissue culture laboratory is well equipped and has a production capacity of 10 lakh plantlets per year. Biotechnology and Model Floriculture Centre, Kazhakuttom is in the forefront in the application of biotechnology for the production and supply of quality tissue culture plants of Banana, Orchid, Anthurium and Pepper for the farming community of Kerala. BMFC is the only centre of its kind in India that produces tissue culture pepper plants for Spices Board which are now under field trials in many location in India.

As a part of social commitment to the field of Biotechnology and Floriculture BMFC is conducting a Plant Tissue Culture Technician Certificate Course of six months duration. This course is designed to give intensive practical training in the field of plant tissue culture, nursery management and cultivation of ornamental plants. Job opportunities are easily available for those who successfully complete this course in tissue culture laboratories and Biotechnology Parks within the country and abroad.

After three months the performance of students will be evaluated and those who show competence and skill in tissue culture will be selected for three months apprenticeship programme on a monthly stipend of Rs 1,500/- at the centre.

### **Title of the Course: Plant Tissue Culture Technician Certificate Course**

**Objectives:** This course caters to the growing demand for qualified and highly skilled tissue culture technicians in biotechnology organizations. The curriculum and intensive practical training emphasize the development of student's skills and abilities in the fields of tissue culture, nursery management and floriculture thereby successfully molding youngsters into competent tissue culture technicians.

Duration of the Course : 3 Months training + 3 months apprenticeship.

Medium of the Course : English.

Eligibility : Pass in Plus Two/ HSE/ VHSE with Agriculture/ Biology/  
Botany as core subjects.

Maximum Age : 35 years (as on 01.04.2024)

### **Other Requirements:**

1. As part of the intensive practical training, students are expected to do field work which requires physical exertion. Hence, those who are willing to do field work and are in good health alone need to apply for the course.

2. The student and parent need to submit a bond in stamp paper worth Rs.200/- agreeing to abide by the rules and regulations of the Centre. In case of willful misuse of any equipment/facility, the student will be expelled from the course and cost of damage to the laboratory equipment will have to be paid by the parent of the student.
3. Reservation pattern followed by the Government will be followed for selecting the candidates. Those who seek reservation in the category of Economically Weaker Sections (EWS) in General Category has to submit income and assets certificate duly issued by Revenue Officer not below the rank of Tehsildar along with other mandatory documents.
4. As this is a full time regular course and those who are undergoing or likely to undergo any regular course during the tenure of plant tissue culture technicians' course need not apply.
5. Those with higher qualifications in Biotechnology need not apply for the course.

**Course Fee:**

Rs. 4,500/- (Rupees Four Thousand and Five Hundred only) is the course fees for the entire course. Fee once paid will not be refunded under any circumstance. The selected candidates can pay the fees in Cash at the BMFC Office.

**Application:**

Can be collected directly from BMFC, Kazhakuttom in between 10.00 AM and 4.30 P.M., or downloaded from website of Department of Agriculture Development and Farmers Welfare [www.keralaagriculture.gov.in](http://www.keralaagriculture.gov.in) up to **15/02/2024**.

Total Number of seats available per Batch: Twenty

**Method of selection:**

Merit List will be prepared based on the percentage of total marks obtained in Plus Two or VHSE.

**Evaluation (Total Marks-500)**

The performance of the students will be continuously assessed based on assignments, presentations, projects, field works and examinations. Certificates will be issued to students who successfully complete the course.

- a. Last Date for receiving the Application at BMFC Office : **17.02.2024; 5.00 pm\***
- b. Publishing the merit list of selected Applicants at BMFC : **20.02.2024\***

\*Dates and timings are tentative

**BIOTECHNOLOGY AND MODEL FLORICULTURE CENTRE**  
**KAZHAKUTTOM, THIRUVANANTHAPURAM**  
**KERALA-695582**

APPLICATION FOR PLANT TISSUE CULTURE TECHNICIAN CERTIFICATE COURSE 2023-2024

Affix recently  
taken passport  
size photograph.  
To be self-  
attested by  
the candidate

1	<b>Name</b> (Capital Letters)	
2	<b>Name of Father/ Guardian and Phone No.</b>	
3	<b>Address for communication (With Pin Code, District, Phone No)</b>	
4	<b>Date of Birth and Age as on 01.04.2024</b>	
5	<b>Sex: Male/Female/Others</b>	
6	<b>Religion &amp; Community</b>	
7	<b>Whether SC/ST/OBC or General</b>	

**EDUCATIONAL QUALIFICATIONS**

<b>Sl. No.</b>	<b>NAME OF EXAMINATION PASSED</b>	<b>YEAR AND REG NO.</b>	<b>BOARD/ UNIVERSITY</b>	<b>MARKS OBTAINED</b>	<b>TOTAL MARKS</b>	<b>% OF MARKS</b>

**DECLARATION**

I.....son/daughter of.....hereby

Declare that the information furnished above are true and correct to the best of my knowledge and I agree to abide by the rules and regulations of the Biotechnology and Model Floriculture Centre for Tissue Culture Technician Course.

Place:

Signature of Candidate

Date:

Name:

Signature of the Parent/Guardian

Place:

Signature:

Date:

Name:

**Self-attested copies of testimonials to prove:**

**(i) Age, (ii) Community (If not available in the class 10 or S.S.L.C Certificate), (iii) Qualification, and (iv) Income and assets certificate issued by Revenue Officer not below the rank of Tehsildar for those who seek reservation in the category of Economically Weaker Sections (EWS) in General Category to be appended.)**

**Last date of receipt of Application: 17/02/2024; 5 pm**

**For Office Use**

Accepted/Rejected

Cash/Rs.....Receipt No.....Dated.....

**Check list for sending Applications:**

1. Application form-Photo to be self-attested.
2. Attested Copies of certificates to prove Age, Community(If not available in the class 10 or S.S.L.C Certificate), Marks, Proof of **Pass** in Plus Two/HSE/VHSE with Agriculture/Biology/Botany as core subject, Income and Asset Certificate issued by Revenue Officer not below the rank of Tehsildar for Economically Weaker Sections (EWS) in General category.
3. One self-addressed cover with postal stamp worth Rs.10/-pasted on it.

**The application may kindly be sent to:**

**The Assistant Director of Agriculture  
Biotechnology and Model Floriculture Centre  
Kazhakuttam, Thiruvananthapuram-695582.**

**Phone: 0471-2413739, Mob: 9383470293, 9383470294**

**E-mail: [cru.bmfctvm@kerala.gov.in](mailto:cru.bmfctvm@kerala.gov.in)**