

Prospectus

PLANT TISSUE CULTURE TECHNICIAN CERTIFICATE

COURSE 2022-2023

**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 of 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 we are 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 available for those who successfully complete this course in tissue culture laboratories and Biotechnology Parks.

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 01.04.2022)

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 equipments 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 or downloaded from website of Department of Agriculture Development and Farmers Welfare www.keralaagriculture.gov.in

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.

Applications will be available from **Biotechnology and Model Floriculture Centre office from 10.00 am to 4.30 pm*** on all working days from **20.09.2022 to 01.10.2022.***

- a. Last Date of receiving the
Application at BMFC Office : **03/10/2022; 5.00 pm***

- b. Publishing the merit list of selected
Applicants at BMFC : 07/10/2022*

- c. Commencement of the course : 10/10/2022*

*Dates and timings are tentative

BIOTECHNOLOGY AND MODEL FLORICULTURE CENTRE
KAZHAKUTTOM, THIRUVANANTHAPURAM
KERALA-695582

APPLICATION FOR PLANT TISSUE CULTURE TECHNICIAN CERTIFICATE COURSE 2022-2023

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

1	Name (Capital Letters)	
2	Name of Father/ Guardian and Phone No.	
3	Address for communication (With Pin Code, District, Phone No)	
4	Date of Birth and Age as on 01.04.2022	
5	Sex: Male/Female/Others	
6	Religion & Community	
7	Whether SC/ST/OBC or General	

EDUCATIONAL QUALIFICATIONS

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

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, iv) Marks etc. and v) 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: 03/10/2022; 5 pm

For Office Use

Accepted/Rejected

Cash/Rs.....ReceiptNo.....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 send to:

**The Assistant Director of Agriculture
Biotechnology and Model Floriculture Centre
Kazhakuttam, Thiruvananthapuram-695582.
Phone: 0471-2413739, Mob: 9383470291, 9383470294
E-mail: bmfctvm@yahoo.co.in**