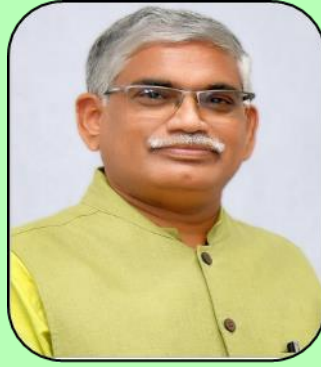




Dr. Y.S.R. Horticultural University
Venkataramannagudem, West Godavari District, A.P-534101

Certificate Course
on
Horticultural Nurseries Management



Dr. T. Janakiram
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Dr. YSRHU



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Course Director

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Dr. P. Vinay Kumar Reddy, Assistant Professor



Introduction

One of the significant drivers of growth in the horticulture sector in India has been the increasing demand for fruits and vegetables, both in domestic and international markets. Rapid urbanization, changing lifestyles have created consciousness on green and clean environment along with nutrient rich diet among consumers which has led to dependence on more fruit and vegetable rich diet and also preference for ornamentals for aesthetic view. This has resulted in higher demand for horticultural crops, providing farmers with new opportunities for diversification and income generation.

Plant nurseries play a crucial role in the development of horticulture in India. They provide a reliable source of quality planting material for farmers, gardeners, and landscapers, which is essential for the successful establishment and growth of plants. The development of horticultural nurseries in India has evolved over the years and continues to play a significant role in the country's horticultural practices. In view of growing importance of fruit crops, the demand for quality planting material has increased manifold throughout the India both in urban and rural areas. Hence there is lot of business potential in establishing nurseries.

Good nursery management aims to provide elite planting material of the highest possible quality for the establishment of new orchards. Production and supply of poor planting materials will lead to low yield and causes severe economic losses to planters. Hence, the selection of good planting material is pre requisite for establishing a healthy fruit/vegetable/flower garden. Due to importance of the best quality planting material in horticulture, nurseries have great demand for the production of healthy saplings, bulbs, rhizomes, suckers and grafts. However, good quality planting material at reasonable price is not available. So persons having skill in plant propagation can choose this avenue as a horti-business of future. Updating of knowledge and skills is very essential for the successful management of nurseries. Nursery provides employment opportunities for technical, skilled, semi-skilled, and unskilled labour. Nursery can itself be a very remunerative enterprise in the changing national scenario.

Hence, the present Certificate course is designed with an objective of imparting the basic knowledge about importance of nursery management practices for producing elite, disease free planting material by different propagation methods including tissue culture. The participants will be exposed to practical experience of several techniques in propagation of horticultural crops and also exposed to commercial nurseries where large number of plants are multiplied to meet the demand of industry. Hence, this certificate course is very useful to the farmers, gardeners, graduates and students who are pursuing their undergraduate courses.



Certificate Course Rules and Regulations

Certificate Course: Horticultural Nurseries Management

Duration : 16 weeks

Fees : 3000/-

- The applicants should be able to read and write in telugu/english
- Must attend classes every Friday from 9.30 AM to 4.00 PM
- Booklet containing the topics on Horticultural nurseries management will be provided at HBIC, COH, Venkataramannagudem and practicals will be conducted.
- 60% percent attendance is compulsory.
- Change of address or phone number of registered member is to be informed immediately
- For downloading of application, please visit Dr.YSRHU website ;(<https://drysrhu.ap.gov.in>)
- Filled in application should be sent to the Course Director, HBIC, College of Horticulture, Dr.YSRHU, Venkataramannagudem along with DD or online payment for an amount of Rs.3000/-payable at Union Bank of India, Venkataramannagudem A/C No **196912120000007** IFSC Code **UBIN0819697** before **30th March, 2024**.
- As part of course, theory, practicals and field visits will be organized.
- TA/DA will not be provided for attending classes.
- After completion of the course, examination will be conducted and those who secure 50% or above marks only will be awarded with the certificate.

Registration

- Interested candidates can download the application from the website (<https://drysrhu.ap.gov.in>), [download](#) or contact directly at HBIC, Dr.YSRHU- College of Horticulture, Venkataramannagudem (Ph.No. 9666621341). The filled in application along with fees paid in the form of DD/online payment (Gpay or Phonepay) should be sent to the below address before **31.03.2024**

Course Director
Horticulture Business Incubation Centre (HBIC)
Dr. Y.S.R. H.U-College of Horticulture
Venkataramannagudem, West Godavari ,A.P- 534101

Course Content: (includes theory and practical classes)

Week 1-2: Introduction to Horticultural Nursery Management

- ✓ Horticulture nursery business overview
- ✓ Nursery site selection & nursery establishment
- ✓ Types of nurseries
- ✓ Nursery operations

Week 3-4: Plant Protection in Nursery Management

- ✓ Pest and disease management in nursery plants
- ✓ Biological control methods
- ✓ Chemical control methods

Week 5-6: Plant Nutrition and its Management in Nursery

- ✓ Soil fertility and plant nutrition
- ✓ Fertilizer application methods
- ✓ Irrigation management

Week 7-8: Economics and Government Regulations in Horticulture Nursery Management

- ✓ Nursery business planning and economics
- ✓ Government regulations and policies

Week 9-10: Plant Propagation Methods & Structures

- ✓ Seeds and vegetative propagation methods
- ✓ Cutting, grafting, budding and layering techniques
- ✓ Mist chamber, humidifier, green houses, glass houses, poly houses, plastic tunnels cold frames hot beds bottom heat box plastic tunnels net house and phytotrons

Week 11-12: Management Practices in Horticulture Nursery

- ✓ Nursery plant production management
- ✓ Plant inventory management
- ✓ Customer relations and marketing

Week 13: Mass Production of Nursery Plants

- ✓ Techniques for mass production of plants
- ✓ Automation in nursery production

Week 14: Ornamental Horticulture Nursery & Flower Nursery

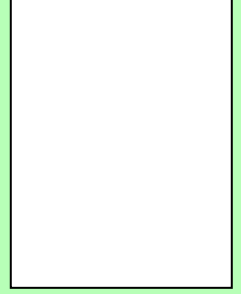
Week 15: Vegetable Nursery and Management

Week 16: Plant Library Concepts and Operations

- ✓ Plant library management
- ✓ Plant identification and classification



Dr. Y. S. R. HORTICULTURAL UNIVERSITY
HORTI BUSINESS INCUBATION CENTRE (HBIC)
COLLEGE OF HORTICULTURE, VENKATARAMANNAGUDEM
WEST GODAVARI DISTRICT, ANDHRA PRADESH-534102



Application form

1. Full Name of the Applicant : _____
2. Name of Parent/Guardian/Husband : _____
3. Address for Communication : _____

- Pin code : _____
4. Phone number : _____ WhatsApp Number : _____
5. Mother Tongue : _____
6. Nationality : _____
7. Social Category : SC/ST/BC/OBC/EWS/Others : _____
8. Date of Birth : _____
9. Sex : Male /Female /Others
10. Educational qualification : _____
11. Employment Status : _____

Candidate's Declaration :

I hereby declare that the information stated in the application form is true, complete and correct to the best of my knowledge. I hereby abide by the rules and regulations of Dr.Y.S.R.Horticultural University

Place :

Signature of the applicant

Date :

DD/Online Payment Ref.No. _____Rs. _____Dt: _____

Bank: _____

Note:

1. The registration fee (**Rs 3000/-**) has to be paid only through D.D /Google Pay / PhonePe payment.
2. Online payment Details : Bank Name : Union Bank of India
i. A/c No : 196912120000007
ii. IFSC Code : UBIN0819697
iii. Branch : Venkataramannagudem
3. Registration fee is non-refundable
4. Certificate courses are non residential and classes are completely offline
5. Participants must attend the classes at their own travel cost.
6. Self attested copy of Aadhaar card should be attached along with the application form.