

**Course Title: Plant Nursery Management**  
**Type of Course: Progressive Nature**  
**Subject Prerequisites: Open for all**

<b>Title of course:</b>		<b>Plant Nursery Management</b>			
<b>Nodal Department of HEI to run course</b>					
<b>Board Area/Sector-</b>		<b>Agriculture Skill Council of India</b>			
<b>Sub Sector-</b>		<b>Horticulture</b>			
<b>Nature of Course-Independent and Progressive</b>		<b>Progressive</b>			
<b>Name of Suggestive Sector Skill Council</b>		<b>Agriculture Skill Council of India</b>			
<b>Aliened NSQF Level</b>		<b>4</b>			
<b>Expected fee of the Course-Free/Paid</b>					
<b>Stipend to Student expected from industry</b>		<b>No</b>			
<b>Number of Seats.....</b>					
<b>Course Code-.....</b>		<b>Credits-03(1 Theory,2 Practical)</b>			
<b>Max Mark....100..... Minimum Marks.....</b>					
<b>Name of proposed skill Partner (Please Specify, Name of industry, company etc for practical/training/internship/OJT.</b>					
<b>Job prospects- Expected field of Occupation where student will be able to get job after the completing this course in (Please Specify, Name of industry, company etc.</b>		Above nurseries, Government Horticulture Departments.			
<b><u>Syllabus:-</u></b>					
Unit	Topics	General/Skill Component	Theory/Practical /OJT/internship /Training	No. of Theory Hours (Total-15 Hours=1 credit)	No. of skill hours (Total=60 Hours=2 credits)
<b>Semester-1</b>					
I.	Soil fertility, plant identification -basics.	General	<b>Theory/ Practical</b>	15	
II.	Testing of soil, fertilizers and seeds, depiction of nutrient deficiencies in prevalent flowers, crops, vegetables and fruits.	Skill	<b>Theory/Practical</b>		30
III.	Plant nursery and garden types a. Net house b. Poly house c. Shade net etc.	Skill	<b>Practical/Internship /Training</b>		30
<b>Semester-2</b>					
I.	Techniques of plant propagation	General	<b>Theory/ Practical</b>	15	
II.	i)Flower nursery a. Marigold b. Roses c. Chrysanthemum d. Gerbera	Skill	<b>Theory/Practical</b>		30

	ii) Gardening types and layout of gardens				
III.	Commercial nursery development of vegetables. Onion, cucumber, cabbage, cauliflower, chilli, tomato and brinjal.	Skill	<b>Practical/Internship /Training</b>		30
<b>Semester-3</b>					
I.	Structure building for commercial nurseries and protected cultivation.	General	<b>Theory/ Practical</b>	15	
II.	Pest and disease management in nurseries.	Skill	<b>Theory/Practical</b>		30
III.	Ornamentals and fruits plant nursery propagation.	Skill	<b>Practical/Internship /Training</b>		30
<b>Semester-4</b>					
I.	Entrepreneurship	General	<b>Theory/ Practical</b>	15	
II.	Agri- financing enterprises	Skill	<b>Theory/Practical</b>		30
III.	Project Management & Marketing	Skill	<b>Practical/Internship /Training</b>		30
Suggested Readings: NURSERY MANAGEMENT: Handbook for Beginners Resource Book on Horticulture Nursery Management Establishment and Management of Plant Nursery System Practical Manual of Nursery Management					
Suggested Digital platforms/web link for reading- <a href="https://www.academia.edu/40648067/NURSERY_MANAGEMENT_Handbook_for_Beginners">https://www.academia.edu/40648067/NURSERY_MANAGEMENT_Handbook_for_Beginners</a> <a href="http://www.fdcn.nic.in/PDF/horticulture%20plant%20nursery.pdf">http://www.fdcn.nic.in/PDF/horticulture%20plant%20nursery.pdf</a> <a href="https://www.researchgate.net/publication/326096694_Practical_Manual_of_Nursery_Management">https://www.researchgate.net/publication/326096694_Practical_Manual_of_Nursery_Management</a>					
Suggested OJT/internship/Training/Skill partner					
Suggested Continuous Evaluation Methods: <a href="https://ugcmoocs.inflibnet.ac.in/quiz/">https://ugcmoocs.inflibnet.ac.in/quiz/</a>					
Course Pre-requisites: <ul style="list-style-type: none"> <li>• No pre-requisite required, open to all</li> <li>• To study this Course, a student must have the Subject.....in class/12<sup>th</sup>/certificate/diploma.</li> <li>• If progressive to study this course a student must have passed previous courses of this series.</li> </ul>					
Suggested Equivalent online courses:					
Any remarks/suggestions:					
Notes: <ul style="list-style-type: none"> <li>• Number of units in theory/practical may vary as per need.</li> <li>• Total credit Semester-3(it can be more credits, but student will get only3 credits/semester or 5 credits/year).</li> <li>• Credit for theory=01(Teaching hours=15)</li> <li>• Credit for internship/OJT/Training/Practical=02(Training hours =60)</li> </ul>					