Title of course:	**Green House Technology**
Nodal Department of HEI to run course	
Board Area/Sector-	**Agriculture Skill Council of India**
Sub Sector-	
Nature of Course-Independent and Progressive	**Independent and Progressive**
Name of Suggestive Sector Skill Council	**Sector of Information Technology**
Aliened NSQF Level	**4**
Expected fee of the Course-Free/Paid	
Stipend to Student expected from industry	
Number of Seats……..	
Course Code- VOGH (VOGHT101, VOGHT102, VOGHT201, VOGHT202)	**Credits-03(1 Theory,2 Practical)**
Max Mark 25+75	**Minimum Marks.**
Name of proposed skill Partner (Please Specify, Name of industry, company etc for practical/training/internship/OJT.	
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.	KVK , Green-house operator/helper/ grower Agriculture Industries Agri based Marketing industry

Syllabus:-

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)
Semester-1 VOGHT101				**Credit-3**	
I.	Basics of Green House Technology	General	**Theory/ Practical**	15 Hours	
II.	Different types of green house	Skill	**Theory/Practical**		30 Hours
III.	Growing Media	Skill	**Practical/Internship /Training**		30 Hours
Semester-2 VOGHT102				**Credit-3**	
I.	Micro irrigation system used in green house	General	**Theory/ Practical**	15 Hours	
II.	Automation in Protected Cultivation	Skill	**Theory/Practical**		30 Hours
III.	Automation and monitoring systems in green house	Skill	**Practical/Internship /Training**		30 Hours
Semester-3 VOGHT201				**Credit-3**	
I.	Seed propagation	General	**Theory/ Practical**	15 Hours	

II.	GHT Management	Skill	**Theory/Practical**		30 Hours
III.	Fertilizers use and management	Skill	**Practical/Internship /Training**		30 Hours
Semester-4 VOGHT202				**Credit-3**	
I.	Soil fertility and productivity	General	**Theory/ Practical**	15 Hours	
II.	Commercial vegetable seedling production	Skill	**Theory/Practical**		30 Hours
III.	Training Visits	Skill	**Practical/Internship /Training**		30 Hours

Suggested Readings: Design and Maintenance of Green House by Dr. R.F. Sutar
Greenhouse technology and management: Second Edition

Suggested Digital platforms/web link for reading- https://agrimoon.com/design-and-maintenance-of-green-house-pdf-book-free/
https://www.researchgate.net/publication/287291076_Greenhouse_technology_and_management_Second_Edition

Suggested OJT/internship/Training/Skill partner :

Suggested Continuous Evaluation Methods:
Internal Assessment: Every month will have one or two Grade test/Quiz/Practical test/ Seminar on the bases of theory and practical syllabus.
Best 3 test/Quiz/Practical test/ Seminar marks will be considered for internal marks and carry 30 % of overall result.
End term Exam will have 40 theory (Objective type) + 60 skill test plus report assessment marks based on visit and will carry 70 % of overall result.
All students, who obtain 40% marks in internal assessment and 40% marks in end term, will be eligible for certificate and credit transfer.
Course learners who qualify the end course examination can get a passing certificate and a marksheet for credit transfer.
Course learners can get participation certificate and completion of the course for the participation in the course

Course Pre-requisites:

- No pre-requisite required, open to all
- To study this Course, a student must have the Subject Science .in class/12th/certificate/diploma.
- If progressive to study this course a student must have passed previous courses of this series.

Suggested Equivalent online courses:

Any remarks/suggestions:

Notes:

- Number of units in theory/practical may vary as per need.
- Total credit Semester-3(it can be more credits, but student will get only3 credits/semester or 5 credits/year).
- Credit for theory=01(Teaching hours=15)
- Credit for internship/OJT/Training/Practical=02(Training hours =60)