

HORTICULTURE- SESSION PLAN 2025-26 CLASS XI

MONTH	UNITS	TOPICS COVERED	
		THEORY	PRACTICAL
Apr-25	UNIT 1:- INTRODUCTION TO PROTECTED CULTIVATION	Understand the protected cultivation Understand the green house effect Understand the horticulture crops Varieties of horticulture crops	Simple Demonstration on affecting and advantages of protected cultivation Group activity is to be on different crops of cultivation.
	UNIT 1: COMMUNICATION SKILLS – III	Methods of communication Verbal Non-verbal Visual	Writing pros and cons of written, verbal and non-verbal communication Listing do's and don'ts for avoiding common body language mistakes
May-25	UNIT 1: COMMUNICATION SKILLS – III	Communication styles assertive, aggressive, passive aggressive, submissive, etc.	Observing and sharing communication styles of friends, teachers and family members and adapting the best practices Role plays on communication styles.
	SUMMER VACATION (11TH MAY- 30TH JUNE)		
Jun-25	SUMMER VACATION (11TH MAY- 30TH JUNE)		
Jul-25	UNIT 2:- TYPES OF PROTECTED STRUCTURE AND ITS COMPONENTS	Students will be able to identify the following: Greenhouse Shade house Cladding Material Cooling Unit Heating Unit Fertigation Unit Measurement of green house	Simple Demonstration: Utility of mist house Diagram Drawing Activity: Students draw diagram on typical greenhouse and label the parts Group activity is to be done on greenhouse effect.
	UNIT 1: COMMUNICATION SKILLS – III	Writing skills to the following: • Sentence • Phrase • Kinds of Sentences • Parts of Sentence • Parts of Speech • Articles • Construction of a Paragraph	Demonstration and practice of writing sentences and paragraphs on topics related to the subject
	UNIT 2: SELF - MANAGEMENT SKILLS – III	Describe the importance of dressing appropriately, looking decent and positive body language	Demonstration of impressive appearance and groomed personality
		Describe the term grooming Prepare a personal grooming checklist	Demonstration of the ability to self- explore
Aug-25	UNIT 3 - PREPARATION OF MEDIA AND CONTAINER FOR COMMERCIAL CULTIVATION IN GREENHOUSE	Understand the media and its type Different Method of soil sterilization Types of beds Types of pots/ containers used for growing crops in greenhouse.	Demonstration on raised beds and fillings of pots/container. Project on various types of media
	UNIT 2: SELF - MANAGEMENT SKILLS – III	Describe the important factors that influence in team building	Group discussion on strategies that are adopted for team building and team work
		Meaning and importance of time management – setting and prioritizing goals, creating a schedule, making lists of tasks, balancing work and leisure, using different optimization tools to break large tasks into smaller tasks.	Game on time management Checklist preparation To-do-list preparation
	UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – III	. Introduction to word processing.	Demonstration and practice of the following: • Listing the features of word processing • Listing the software packages for word processing • Opening and exit the word processor • Creating a document

Sep-25	UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – III	Software packages for word processing.	Demonstration and practice of the following: • Listing the features of word processing • Listing the software packages for word processing • Opening and exit the word
		Opening and exiting the word processor. Creating a document	
	MID TERM EXAMINATION 16 SEPTEMBER 2025-1 OCTOBER 2025		
Oct-25	UNIT 4 :- IRRIGATION AND FERTIGATION SYSTEM	Students will be able to define Sprinkler irrigation drip irrigation fertilizer Waste Requirements of different crops	. Demonstration and practicing the following: measuring pH TDS fertigation procedure Identification of components of drip irrigation
	UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – III	Numbering and bullet Creating table Find and replace Page numbering. Printing document. Saving a document in various formats.	
	UNIT 4: ENTREPRENEURIAL SKILLS- III	Values in general and entrepreneurial values	Listing of entrepreneurial values by the students
		Entrepreneurial value orientation with respect to innovativeness, independence, outstanding performance and respect for work	Group work on identification of entrepreneurial values and their roles after listing or reading 2-3 stories of successful entrepreneur. Exhibiting entrepreneurial values in Ice breaking, rapport building, group work and home assignments.
Nov-25	UNIT 5:- GREENHOUSE OPERATIONS	Understand the greenhouse and it's operation Importance and process to increase the CO2 in greenhouse.	Practical and Demonstration on regulation process of light Real life examples related to topic Assignment on different greenhouse operation.
		Attitudes in general and entrepreneurial attitudes Using imagination/ intuition	Demonstrating and identifying own entrepreneurial attitudes during the following micro lab activities like thematic appreciation test
	UNIT 4: ENTREPRENEURIAL SKILLS- III	Enjoying freedom of expression and action	Preparing a short write-up on “who am I”
		Looking for economic opportunities	Take up a product and suggest how its features can be improved
Dec-25	UNIT 4: ENTREPRENEURIAL SKILLS- III	Analyzing situation and planning action	Group activity for suggesting brand names, names of enterprises, etc.
		Involving in activity	Group activity for suggesting brand names, names of enterprises, etc.
Jan-26	WINTER BREAK 1 JAN 2026-15 JAN 2026		
	UNIT 5: GREEN SKILLS – III	Utilization of animals in Bio-wastes and Biogas plant Main sectors of green economy- Ewaste management, green transportation, renewal energy, green construction, water management	Preparing a poster on any one of the sectors of green economy
		Policy initiatives for greening economy in India	Writing a two-page essay on important initiatives taken in India for promoting green economy
Feb-26	UNIT 5: GREEN SKILLS – III	Stakeholders in green economy Role of government and private agencies in greening cities, buildings, tourism, industry, transport, renewable energy, waste management, agriculture, water, forests and fisheries	Preparing posters on green Sectors/Areas: cities, buildings, tourism, industry, transport, renewable energy, waste management, agriculture, water, forests and fisheries
		REVISION	
Mar-26	ANNUAL EXAMINATION 2026		

