


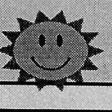


# SESSION PLAN 2025-26 (STANDARD IX)

AGRICULTURE (SUBJECT CODE – 408)

JOB ROLE: SOLANACEOUS CROP CULTIVATOR

MONTH	UNITS	TOPICS COVERED	
		THEORY	PRACTICAL
Apr-25	UNIT 1: INTRODUCTION TO HORTICULTURE	Orientation of vocational education and Enrolment of Students.	Enlist the major horticultural crops in India and your locality
		# Define Horticulture # Importance of horticulture in daily life # Prospects of Horticulture in India	# Writing pros and cons of written, verbal and non-verbal communication # Listing do's and don'ts for avoiding common body language mistakes
	UNIT 1: COMMUNICATION SKILLS – I	Introduction to General Employability skills course Methods of communication Verbal Non-verbal Visual	Activity/Q&A
		Activity/Q&A	
May-25	UNIT 1: INTRODUCTION TO HORTICULTURE	# Branches of horticulture # Different horticultural crops and their major growing regions in India	Draw a diagram depicting the classification of horticultural crops
	 <b>SUMMER VACATION (11TH MAY- 30TH JUNE)</b> 		
Jun-25	 <b>SUMMER VACATION (11TH MAY- 30TH JUNE)</b> 		
Jul-25	UNIT 1: INTRODUCTION TO HORTICULTURE	# Revision of previous session topics. # Orientation of vocational education and Enrolment of Students.	Revision of previous session topics.
		Horticultural operations viz. training, pruning and transplanting	# Visit to a nursery/ Horticulture farm for Demonstration of pruning, Training and transplanting of seedlings # Practice of pruning
	UNIT 1: INTRODUCTION TO HORTICULTURE/ UNIT 1: COMMUNICATION SKILLS – I	Olericulture Importance of vegetable in human Diet	Demonstrate the availability of nutrients through vegetables using charts/pictures
		Meaning of communication Importance of communication skills Elements of communication cycle— sender,ideas,encoding,communication channel, receiver,decoding, and feedback Activity/Q&A	
		# Various characteristics of seed with their suitability to the location # Perspectives in communication	# Identify various and appropriate variety (including hybrid) of Solanaceous crops # Group discussion on factors affecting perspectives in communication



Aug-25	UNIT 2: SEED SELECTION AND SEEDLING PRODUCTION/UNIT 1: COMMUNICATION SKILLS – I	# Characteristics of healthy varieties Demand of various varieties in the market  # Factors affecting perspectives in communication Visual perception Language Past experience Prejudices Feelings Environment	# Identify various vendors / suppliers (including government nurseries /department) of the seed that are certified # Procure seeds in appropriate quantity Identify market rates for Solanaceous crop seeds (such as tomato, capsicum,)  # Sharing of experiences on factors affecting perspectives # Sharing experiences on factors affecting communication at workplace
	UNIT 2: SEED SELECTION AND SEEDLING PRODUCTION/UNIT 1: COMMUNICATION SKILLS – I	# Preparing the site for seed bed  # Soil sterilization – solarisation and chemical treatment  # Writing skills related to the following: Phrases Kinds of sentences Parts of sentence Parts of speech Use of articles Construction of a paragraph	# Demonstration of the procedure of preparation of various types of seed beds – raised, sunken, level  # Demonstration and practice of writing sentences and paragraphs on topics related to the subject
	UNIT 2: SEED SELECTION AND SEEDLING PRODUCTION	Seed treatment techniques with chemicals  Q&A  UNIT TESTS	Demonstration of the procedure of preparation of various types of seed beds – raised, sunken, level
Sep-25	UNIT 2: SEED SELECTION AND SEEDLING PRODUCTION/UNIT 2: SELF-MANAGEMENT SKILLS – I	# Factors affecting seed germination – seed viability, seed pests and diseases, etc.  # Meaning of self-management # Positive results of self-management # Self-management skills	# Estimating how much seed is required to grow a given number of area for each crop  # Identification of self-management skills # Strength and weakness analysis
		# Factors to be considered while planting seeds on seed bed and polybags/ trays – time, depth, etc.  # Factors that help in building self-confidence – social, cultural, and physical factors	# Planting seeds in the poly bags/trays to aid in the cultivation of Solanaceous crops # Counting the number of seeds that have germinated so as to assess mortality rate  # Role play exercises on building self-confidence # Use of positive metaphors/ words
	MID TERM EXAMINATION 16 SEPTEMBER 2025-1 OCTOBER 2025		
	UNIT 2: SEED SELECTION AND SEEDLING PRODUCTION/UNIT 2: SELF-MANAGEMENT SKILLS – I	# Advantages and disadvantages of soil nursery or tray method  # Self-confidence building tips - getting rid of the negative thoughts, thinking positively, staying happy with small things, staying clean, hygienic and smart, chatting with positive people, etc.	# Identify soil nursery or tray method for growing seedlings  # Positive stroking on wakeup and before going bed # Helping others and working for community
		Depth and spacing of planting seedlings in case of soil nursery & tray for Solanaceous crops	# Plant the seed at correct depth and appropriate spacing # Water the seedling at appropriate time with appropriate method



Oct-25	UNIT 3: SOIL PREPARATION AND TRANSPLANTING/UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – I	# Importance of Soil testing # Various authorized centers of soil testing # Level of soil tillage including depth of ploughing and appropriate equipments for plugging # Introduction to ICT Role and importance of ICT in personal life and at workplace	# Enlist the authorised soil testing centres in your state. # Prepare the land with ridges and furrows # Discussion on the role and importance of ICT in personal life and at workplace.
		# Distance between ridges and furrows # Requirement of farm yard manure and fertilizer in appropriate quantity # ICT in our daily life (examples) # ICT tools - Mobile, tab, radio, TV, email, etc. Q&A	# Application of farm yard manure and fertilizers # Preparing posters / collages for showing the role of ICT at workplace
Nov-25	UNIT 3: SOIL PREPARATION AND TRANSPLANTING/UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – I	# Appropriate time for planting by taking in to account of soil, climatic conditions # Computer system - Central Processing Unit (CPU), memory, motherboard, storage devices	# Demonstration Transplanting of seedling at appropriate stage and spacing # Connecting the cables and peripherals to the Central Processing Unit
		# Planting equipments (shovel or trowel) Spacing between rows and plants	Starting and shutting down a computer
		# Hardware and software of a computer system # Advantages and disadvantages of intercropping and types of plant to be intercropped	Group discussion on the various aspects of hardware and software
		# Role and functions of Random Access Memory (RAM) and Read Only Memory (ROM) # Advantages of crop rotation	Group discussion on the various aspects of hardware and software
		# Role and functions of Central Processing Unit Procedure for starting and shutting down a computer Q&A	
Dec-25	UNIT 4: NUTRIENT MANAGEMENT IN VEGETABLE CROPS/UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – I	# Elements/components under macro & micro nutrients # Peripherals devices and their uses – mouse, keyboard, scanner, webcam, etc. of a computer system	Understand the basic macro & micro nutrients with their functions Identification of various parts and peripherals of a computer Demonstration and practice on the use of mouse Demonstration and practice on the use of keyboard Demonstration of the uses of printers, webcams, scanner and other peripheral devices Drawing diagram of computer system and labelling it
		# Function of each macro & micro nutrient # Primary operations on a computer system – input, process, storage, output, communication networking, etc.	Undertake testing of soil to determine its nutrient and fertilizer needs from authorized laboratory Identification of the various input and output units and explanation of their purposes
		Advantages & disadvantages of particular macro & micro nutrients	Collect soil testing repor
		Types of organic manures (farm yard manure, compost, green manure, vermicompost), fertilizers and biofertilizers	Visit to a Vegetable farm for applying manures and fertilizers as per the recommended dose to various vegetables



## WINTER BREAK 1 JAN 2026-15 JAN 2026

Jan-26	UNIT 4: NUTRIENT MANAGEMENT IN VEGETABLE CROPS/UNIT 4: ENTREPRENEURIAL SKILLS- I	# Methods of application of manures, fertilizers and biofertilizers  # Types of businesses – service, manufacturing, hybrid # Types of businesses found in our community Business activities around us	# Visit to a Vegetable farm for applying manures and fertilizers as per the recommended dose to various vegetables  # Prepare posters of business activities found in cities/villages, using pictures # Discuss the various types of activities, generally adopted by small businesses in a local community # Best out of waste # Costing of the product made out of waste # Selling of items made from waste materials # Prepare list of businesses that provides goods and services in exchange for money
		# Time of application of manures, fertilizers and biofertilizers  # Meaning of entrepreneurship development # Distinguishing characteristics of entrepreneurship # Role and rewards of entrepreneurship	# Visit to a Vegetable farm for applying manures and fertilizers as per the recommended dose to various vegetables # Prepare charts showing advantages of entrepreneurship over wages # Group discussions on role and features of entrepreneurship # Lectures/presentations by entrepreneurs on their experiences and success stories # Identify core skills of successful entrepreneur
Feb-26	REVISION UNIT 5: GREEN SKILLS – I	REVISION OF UNIT 1-UNIT 4 # Introduction to environment, # Relationship between society and environment, ecosystem and factors causing imbalance # Natural resource conservation # Environment protection and conservation	# Group discussion on hazards of deteriorating environment # Prepare posters showing environment conservation # Discussion on various factors that influence our environment
		# Definition of green economy # Importance of green economy	# Discussion on the benefits of green skills and importance of green economy # Prepare a Poster showing the importance of green economy with the help of newspaper/ magazine cuttings
	REVISION		
Mar-26	ANNUAL EXAMINATION 2026		