

ELECTRONIC TECHNOLOGY SESSION PLAN 2025-26 CLASS XII			
MONTH	UNITS	TOPICS COVERED	
		THEORY	PRACTICAL
Apr-25	UNIT 1 : BASIC OCCUPATIONAL SAFETY AND PRECAUTIONS	Occupational Safety and Health	Demonstration - Differnt safety tips Practical- Safety in Manufacturing industry. Role play - One activity on safety issues on different places.
		WHO Guidelines	
		Electronics safety engineering	
		Electromagnetic Radiation	
		Protective Equipment	
		Rescue a victim of electrical shock	
		Standard Safety Tips	
		Electrical Emergency procedures	
		Safety Issues in Manufacturing Industry	
		Provision and benefits of safety	
May-25	UNIT 1: COMMUNICATION SKILLS – IV	Social Media Etiquettes, Spread of Rumors on social media Writing skills to the following: •Sentence •Phrase •Kinds of Sentences •Parts of Sentence •Parts of Speech •Articles •Construction of a Paragraph	Demonstration of the key aspects of becoming active listener Preparing posters of steps for active listening Demonstration and practice of writing sentences and paragraphs on topics related to the subject.
	SUMMER VACATION (11TH MAY- 30TH JUNE)		
Jun-25	SUMMER VACATION (11TH MAY- 30TH JUNE)		
Jul-25	UNIT 2: MICROPHONES AND LOUSPEAKERS	Construction and working Principle of Carbon Microphone Capcitance Microphone Moving coil microphone Piezo Electric Microphone Loudspeaker Intensity and dynamic range Construction and working Principle of moving coil Loudspeaker Impedance and power level of Loudspeaker Frequency characteristic of Practical Loudspeaker	Demonstration and Real life examples to understand the merits and demerits of Microphone Assignment on frequency range.
	UNIT 2: SELF - MANAGEMENT SKILLS – IV	Finding sources of motivation and inspiration (music, books, activities); expansive thoughts; living fully in the present moment; dreaming big	Discussion on sources of motivation and inspiration
Aug-25	UNIT 2: SELF - MANAGEMENT SKILLS – IV	Describe how personality influence others Describe basic personality traits	Role Play on different types of personality
	UNIT 3 : RECORDERS	Analog and digital sound Recording Disc recording and reproduction with working Principle	Demonstration and practice on the following:
	UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – IV	Introduction to spreadsheet application Spreadsheet applications Creating a new worksheet	Practical on spreadsheet
Sep-25	REVISION (MID TERM)	REVISION FOR MID TERM	Opening the workbook and enter text
	UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – IV	Copying and moving Filter and sorting Formulas and functions Password protection.	Resizing fonts and styles Copying and move the cell data
MID TERM EXAMINATION 16 SEPTEMBER 2025-1 OCTOBER 2025			
Oct-25	UNIT 4: TV SYSTEM	TV Tuner,Video and Sound stage Different types of circuit Remote and bandwidth of TV system Modulation and colour transmission Types of TV	Practical and Real life examples related to topic
	UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – IV	Splitting, Cutting, Trimming and Adding Transitions in a Video Creating a Presentation from a Blank Version Creating a new presentation Adding a slide Deleting a slide Entering and edit text Formatting text Inserting clipart and images	Creating a new presentation Adding a slide to presentation. Deleting a slide Entering and edit text Formatting text Inserting clipart and images
Nov-25	UNIT 5 : MODERN APPLIANCES	Microwave Oven Telephone Printer Fax Machine Scanner	Demonstration and Practical with the help of Lab and Real life example
	UNIT 3: INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – IV	Saving a presentation Printing a presentation document	

NOV-25	UNIT 4: ENTREPRENEURIAL SKILLS- IV	<p>Creating an Original Design in Adobe Express Splitting, Cutting and Trimming in Adobe Express</p> <p>Entrepreneurial competencies in particular: self -confidence, initiative, seeing and acting on opportunities, concern for quality, goal setting and risk taking, problem solving and creativity, systematic planning and efficiency, information seeking, persistence, influencing and negotiating, team building</p>	Games and exercises on changing entrepreneurial behavior and development of competencies for enhancing self-confidence, problem solving, goal setting, information seeking, team building and creativity
	UNIT 5: GREEN SKILLS – IV	<p>Role of green jobs minimizing waste and pollution Role of green jobs in protecting and restoring ecosystems, Role of green jobs in support adaptation to the effects of climate change</p>	Demonstration and Real examples
		Preboard 1	
Jan-26	WINTER BREAK 1 JAN 2026-15 JAN 2026		
		Preboard 2	
		REVISION	
Feb-26		REVISION	
		ANNUAL EXAMINATION 2026	
Mar-26		ANNUAL EXAMINATION 2026	