

# VOCATIONAL SUBJECTS (Class 11 & 12)

2024-2025

IT-ITeS

TOTAL MARKS- 100 { 30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}

Class- 11	
<b>THEORY: 2 Hrs.</b>	<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>
	Unit 1: Communication Skills-III
	Unit 2: Self-management Skills-III
	Unit 3: Information and Communication Technology (ICT) Skills-III
	Unit 4: Entrepreneurial Skills-III
	Unit 5: Green Skills-III
	<b>08 Marks</b>
<b>Part B</b>	<b>Vocational Skills</b>
	Unit 1 Software Construction Essentials
	Unit 2 Operating System and Computer Network
	Unit 3 Python Programming
	Unit 4 Data Structure
	<b>22 Marks</b>
<b>PRACTICAL</b>	<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>	<b>20 Marks</b>
	<b>TOTAL 100 Marks</b>
Class- 12	
<b>THEORY: 2 Hrs.</b>	<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>
	Unit 1: Communication Skills-IV
	Unit 2: Self-management Skills-IV
	Unit 3: Information and Communication Technology (ICT) Skills-IV
	Unit 4: Entrepreneurial Skills-IV
	Unit 5: Green Skills-IV
	<b>08 Marks</b>
<b>Part B</b>	<b>Vocational Skills</b>
	Unit 1 Relational Database Management System– MySQL
	Unit 2 Advanced Python Programming
	Unit 3 Software Engineering
	Unit 4 Emerging Trends and Social Impact
	<b>22 Marks</b>
<b>PRACTICAL</b>	<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>	<b>20 Marks</b>
	<b>TOTAL 100 Marks</b>

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## AUTOMOTIVE- 2024-2025

**TOTAL MARKS- 100 { 30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}**

<b>Class- 11</b>		<b>THEORY: 2 Hrs.</b>	<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>		08 Marks
	Unit 1: Communication Skills-III		
	Unit 2: Self-management Skills-III		
	Unit 3: Information and Communication Technology (ICT) Skills-III		
	Unit 4: Entrepreneurial Skills-III		
	Unit 5: Green Skills-III		
<b>Part B</b>	<b>Vocational Skills</b>		22 Marks
	Unit 1: Introduction to Engineering Geometrics and drawing		
	Unit 2: Fasteners		
	Unit 3: Materials for construction of automotive components		
	Unit 4: Measuring instrument		
	Unit 5: Regular maintenance of an engine		
	Unit 6: Regular maintenance of transmission system		
	Unit 7: Regular maintenance of Gear box		
	Unit 8: Service of wheels		
	Unit 9: Regular maintenance of tubes and tyres		
Unit 10: Regular Maintenance of Brakes			
<b>PRACTICAL</b>			<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>			<b>20 Marks</b>
<b>TOTAL</b>			<b>100 Marks</b>
<b>Class- 12</b>		<b>THEORY: 2 Hrs.</b>	<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>		08 Marks
	Unit 1: Communication Skills-IV		
	Unit 2: Self-management Skills-IV		
	Unit 3: Information and Communication Technology (ICT) Skills-IV		
	Unit 4: Entrepreneurial Skills-IV		
Unit 5: Green Skills-IV			
<b>Part B</b>	<b>Vocational Skills</b>		22 Marks
	Unit 1: Service Manual		
	Unit 2: Serviceability, Replacement or Repair of Engine Components		
	Unit 3: Transmission system		
	Unit 4: Suspension system		
Unit 5: Auto Electrical System			
<b>PRACTICAL</b>			<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>			<b>20 Marks</b>
<b>TOTAL</b>			<b>100 Marks</b>

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2024-2025

RETAIL

TOTAL MARKS- 100 { 30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}

Class- 11		
<b>THEORY: 2 Hrs.</b>		<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>	08 Marks
	Unit 1: Communication Skills-III	
	Unit 2: Self-management Skills-III	
	Unit 3: Information and Communication Technology (ICT) Skills-III	
	Unit 4: Entrepreneurial Skills-III	
	Unit 5: Green Skills-III	
<b>Part B</b>	<b>Vocational Skills</b>	22 Marks
	Unit 1: Fundamentals of Retailing	
	Unit 2: Process of Credit Application	
	Unit 3: Mechanism for Customers to Choose Right Products	
	Unit 4: Specialist Support to Customers	
	Unit 5: Health and Safety Management	
<b>PRACTICAL</b>		<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>		<b>20 Marks</b>
<b>TOTAL</b>		<b>100 Marks</b>
Class- 12		
<b>THEORY: 2 Hrs.</b>		<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>	08 Marks
	Unit 1: Communication Skills-IV	
	Unit 2: Self-management Skills-IV	
	Unit 3: Information and Communication Technology (ICT) Skills-IV	
	Unit 4: Entrepreneurial Skills-IV	
	Unit 5: Green Skills-IV	
<b>Part B</b>	<b>Vocational Skills</b>	22 Marks
	Unit 1: Resolve Customer Concerns	
	Unit 2: Delivery of Reliable Service	
	Unit 3: Customer Relationship Management	
	Unit 4: Continuous Improvement in Service	
	Unit 5: Work in Team & Organization	
<b>PRACTICAL</b>		<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>		<b>20 Marks</b>
<b>TOTAL</b>		<b>100 Marks</b>

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2024-2025

**TOURISM & HOSPITALITY (CSE-Meet and Greet)**

**TOTAL MARKS- 100 { 30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}**

<b>Class- 11</b>		
<b>THEORY: 2 Hrs.</b>		<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>	08 Marks
	Unit 1: Communication Skills-III	
	Unit 2: Self-management Skills-III	
	Unit 3: Information and Communication Technology (ICT) Skills-III	
	Unit 4: Entrepreneurial Skills-III	
	Unit 5: Green Skills-III	
<b>Part B</b>	<b>Vocational Skills</b>	22 Marks
	Unit 1: Introduction to Tourism and Hospitality Industry	
	Unit 2: Meeting and Greeting to the customers	
	Unit 3: Prepare for providing meet and greet services	
	Unit 4: Arrange for the guest transfers	
	Unit 5: Handle guest queries and complaints	
	Unit 6: Communication with customers and colleagues	
<b>PRACTICAL</b>		<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>		<b>20 Marks</b>
<b>TOTAL</b>		<b>100 Marks</b>
<b>Class- 12 THEORY: 2 Hrs.</b>		<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>	08 Marks
	Unit 1: Communication Skills-IV	
	Unit 2: Self-management Skills-IV	
	Unit 3: Information and Communication Technology (ICT) Skills-IV	
	Unit 4: Entrepreneurial Skills-IV	
	Unit 5: Green Skills-IV	
<b>Part B</b>	<b>Vocational Skills</b>	22 Marks
	Unit 1: Etiquette and Hospitable Conduct	
	Unit 2: Gender and Age Sensitive Service Practices	
	Unit 3: Health and Hygiene	
	Unit 4: Safety at Workplace	
	Unit 5: Learn a foreign or local 32 language(s) including English	
	Unit 6: Customer-centric Services	
<b>PRACTICAL</b>		<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>		<b>20 Marks</b>
<b>TOTAL</b>		<b>100 Marks</b>

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2024-2025

BEAUTY & WELLNESS

TOTAL MARKS- 100 {30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}

Class- 11		
<b>THEORY: 2 Hrs.</b>		<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>	08 Marks
	Unit 1: Communication Skills-III	
	Unit 2: Self-management Skills-III	
	Unit 3: Information and Communication Technology (ICT) Skills-III	
	Unit 4: Entrepreneurial Skills-III	
	Unit 5: Green Skills-III	
<b>Part B</b>	<b>Vocational Skills</b>	22 Marks
	Unit 1: Introduction to Beauty & Wellness Industry and Beauty Therapy	
	Unit 2: Skin Care Services	
	Unit 3: Manicure & Pedicure Services	
	Unit 4: Depilation Services	
<b>PRACTICAL</b>		<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>		<b>20 Marks</b>
<b>TOTAL</b>		<b>100 Marks</b>
Class- 12		
<b>THEORY: 2 Hrs.</b>		<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>	08 Marks
	Unit 1: Communication Skills-IV	
	Unit 2: Self-management Skills-IV	
	Unit 3: Information and Communication Technology (ICT) Skills-IV	
	Unit 4: Entrepreneurial Skills-IV	
	Unit 5: Green Skills-IV	
<b>Part B</b>	<b>Vocational Skills</b>	22 Marks
	Unit 1: Make Up Services	
	Unit 2: Facial Beauty Services	
	Unit 3: Salon Reception Duties	
	Unit 4: Create a Positive Impression at Workplace	
<b>PRACTICAL</b>		<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>		<b>20 Marks</b>
<b>TOTAL</b>		<b>100 Marks</b>

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2024-2025

AGRICULTURE

TOTAL MARKS- 100 { 30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}

Class- 11		
<b>THEORY: 2 Hrs.</b>		<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>	08 Marks
	Unit 1: Communication Skills-III	
	Unit 2: Self-management Skills-III	
	Unit 3: Information and Communication Technology (ICT) Skills-III	
	Unit 4: Entrepreneurial Skills-III	
	Unit 5: Green Skills-III	
<b>Part B</b>	<b>Vocational Skills</b>	22 Marks
	Unit 1: Introduction to Floriculture	
	Unit 2: Nursery Management	
	Unit 3; Tools and Equipment	
	Unit 4: Field preparation and Cultural Operation	
	Unit 5: Nutrition and Irrigation	
	Unit 6: Insect-Pest, Diseases and Weed Management	
<b>PRACTICAL</b>		<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>		<b>20 Marks</b>
<b>TOTAL</b>		<b>100 Marks</b>
Class- 12		
<b>THEORY: 2 Hrs.</b>		<b>30 Marks</b>
<b>Part A</b>	<b>Employability Skills</b>	08 Marks
	Unit 1: Communication Skills-IV	
	Unit 2: Self-management Skills-IV	
	Unit 3: Information and Communication Technology (ICT) Skills-IV	
	Unit 4: Entrepreneurial Skills-IV	
	Unit 5: Green Skills-IV	
<b>Part B</b>	<b>Vocational Skills</b>	22 Marks
	Unit 1: Cultivation of Commercial Crop-I	
	Unit 2: Cultivation of Commercial Crop-II	
	Unit 3: Growing of Annuals	
	Unit 4: Growing of Perennials	
	Unit 5: Post Harvest Management and Value Addition	
<b>PRACTICAL</b>		<b>50 Marks</b>
<b>INTERNAL ASSESSMENT</b>		<b>20 Marks</b>
<b>TOTAL</b>		<b>100 Marks</b>

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ELECTRONIC & HARDWARE

TOTAL MARKS- 100 {30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}

Class- 11		
THEORY: 2 Hrs.		30 Marks
Part A	Employability Skills	08 Marks
	Unit 1: Communication Skills-III	
	Unit 2: Self-management Skills-III	
	Unit 3: Information and Communication Technology (ICT) Skills-III	
	Unit 4: Entrepreneurial Skills-III	
	Unit 5: Green Skills-III	
Part B	Vocational Skills	22 Marks
	Unit 1 Basics of Electrical and Electronics	
	Unit 2 Electrical Safety and Hazards	
	Unit 3 Tools and Equipment	
	Unit 4 Cabling and Wire Preparation	
	Unit 5 Electromechanical Assembly	
PRACTICAL		50 Marks
INTERNAL ASSESSMENT		20 Marks
TOTAL		100 Marks
Class- 12		
THEORY: 2 Hrs.		30 Marks
Part A	Employability Skills	08 Marks
	Unit 1: Communication Skills-IV	
	Unit 2: Self-management Skills-IV	
	Unit 3: Information and Communication Technology (ICT) Skills-IV	
	Unit 4: Entrepreneurial Skills-IV	
	Unit 5: Green Skills-IV	
Part B	Vocational Skills	22 Marks
	Unit 1 Generation, Transmission and Distribution of Electrical Power	
	Unit 2 Installation and Troubleshooting Electrical Control Panel	
	Unit 3 AC Drive, PLC and Switchboard in Control Panel	
	Unit 4 Testing and Measurement in Electrical Panel	
	Unit 5 Safety Measures and Hazard	
PRACTICAL		50 Marks
INTERNAL ASSESSMENT		20 Marks
TOTAL		100 Marks

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2024-2025

PLUMBING

TOTAL MARKS- 100 {30 (Theory) + 50 (Practical) + 20 (Internal Assessment)}

Class- 11		
THEORY: 2 Hrs.		30 Marks
Part A	<b>Employability Skills</b>	08 Marks
	Unit 1: Communication Skills-III	
	Unit 2: Self-management Skills-III	
	Unit 3: Information and Communication Technology (ICT) Skills-III	
	Unit 4: Entrepreneurial Skills-III	
	Unit 5: Green Skills-III	
Part B	<b>Vocational Skills</b>	22 Marks
	Unit 1: Introduction to the sector and the job role	
	Unit 2: Basics of plumbing	
	Unit 3: Preparation for plumbing installation and maintenance	
	Unit 4: Installation of water supply system	
	Unit 5: Installation of drainage system	
PRACTICAL		50 Marks
INTERNAL ASSESSMENT		20 Marks
TOTAL		100 Marks
Class- 12		
THEORY: 2 Hrs.		30 Marks
Part A	<b>Employability Skills</b>	08 Marks
	Unit 1: Communication Skills-IV	
	Unit 2: Self-management Skills-IV	
	Unit 3: Information and Communication Technology (ICT) Skills-IV	
	Unit 4: Entrepreneurial Skills-IV	
	Unit 5: Green Skills-IV	
Part B	<b>Vocational Skills</b>	22 Marks
	Unit 1: Installation of plumbing fixtures	
	Unit 2: Troubleshooting and maintenance for plumbing	
	Unit 3: Health and safety	
	Unit 4: Working effectively with others	
	Unit 5: Optimum utilization of resources	
PRACTICAL		50 Marks
INTERNAL ASSESSMENT		20 Marks
TOTAL		100 Marks

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