

CBSE Class XI – Information Technology (802)

Session: 2026–27

Month-wise Syllabus Planning

MONTH	TOPIC	LEARNING OBJECTIVE	RESOURCES/ART-INTEGRATED PEDAGOGY TOOLS USED/ E-RESOURCES	LEARNING OUTCOMES AND SKILLS LEARNT BY STUDENTS
APRIL (Term 1 – Part 1)	Employability Skills Unit 1: Communication Skills-III - Methods of communication - Verbal & non-verbal communication - Basic writing skills Subject Specific Skills Unit 1: Computer Organization (Basics) - Components of computer system - Input/output devices - Memory units	- Demonstrate effective communication - Apply listening and speaking skills - Understand computer architecture - Identify hardware components	- Writing pros and cons of written, verbal and non-verbal communication - Listing do's and don'ts for avoiding common body language mistakes - Observing and sharing communication styles of friends, teachers and family members and adapting the best practices - Role plays on communication styles. - Understand and appreciate fundamentals of Computer and its characteristics - Understand the components of computer	- Demonstrate knowledge of various methods of communication - Identify specific communication styles - Demonstrate basic writing skills - Identify and enlist various applications of computer - Illustrate various components of computer under different blocks - Illustrate functions of various components of computer
MAY (Term 1 – Completion)	Employability Skills Unit 2: Self-Management Skills-III - Self-awareness - Stress & time management Subject Specific Skills Unit 1: Computer Organization	- Apply self-management techniques - Improve personal productivity	- Demonstration of impressive appearance and groomed personality - Demonstration of the ability to self-explore - Understand Operating System	- Demonstrate impressive appearance and grooming - Demonstrate team work skills - Apply time management strategies and techniques - Identify different types of OS in computers/mobile

	(Advanced) • Storage devices • Processing units Unit 2: Networking and Internet (Intro) • Types of networks Internet basics	• Understand memory and storage • Explain networking fundamentals		phones • identify the different in features of various operating systems
JULY (Term 2 – Part 1)	Employability Skills Unit 3: ICT Skills-III • Digital tools • File management Subject Specific Skills Unit 2: Networking and Internet (Advanced) • Internet services • Cyber safety	• Use ICT tools effectively • Manage digital files • Use internet services • Apply safe browsing practices	1. Create a document on word processor 2. Edit, save and print a document in word processor 3. Understand Computer Networking 4. To understand Internet and its terminology 5. Understand cybercrime and the need of Cyber Security	1. 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 1. Demonstration and practicing the following: • Editing the text • Word wrapping and alignment • Changing font type, size and face • Inserting header and footer • Removing header and footer 2. Using autocorrect option 3. Insert page numbers and bullet 4. Save and print a document
AUGUST (Term 2 – Part 2)	Employability Skills Unit 4: Entrepreneurial Skills-III • Entrepreneurship basics • Business ideas Subject Specific Skills Unit 3: Office Automation Tools • Word processing	• Understand entrepreneurship • Identify opportunities • Create documents and spreadsheets	1. Describe the significance of entrepreneurial values and attitude 2. Demonstrate the knowledge of attitudinal changes required to become an entrepreneur	1. Listing of entrepreneurial values by the students. 2. Group work on identification of entrepreneurial values and their roles after listing or reading 2-3 stories of successful entrepreneurs. 3. Exhibiting entrepreneurial values in Ice breaking, rapport building, group work and home assignments.

	• Spreadsheets • Presentations	• Develop presentations		
♦ OCTOBER (Term 2)	Employability Skills Unit 5: Green Skills-III • Environment awareness • Sustainable practices Subject Specific Skills Unit 4: RDBMS • Database concepts • SQL queries	• Apply eco-friendly habits • Understand sustainability • Create databases and queries	1. Describe importance of main sector of green economy 2. Describe the major green Sectors/Areas and the role of various stakeholder in green economy 3. Understand Relational Database Management System 4. Introduction to MYSQL	1. Preparing a poster on any one of the sectors of green economy 2. Writing a two-page essay on important initiatives taken in India for promoting green economy 3. • Installation of MYSQL • Simple calculations in MYSQL
♦ NOVEMBER (Term 2 – Completion)	Unit 5: Fundamentals of Java • Java basics • Simple programs	• Write basic Java programs	1. Understand Integrated Development Environment (NETBEANS) 2. JAVA Programming	• Create a project • Create a JFrameForm container • Add a button component on JFrameForm and change properties like text, font, foreground etc using properties window • Add other container controls like jTextField , jTextarea, jRadiobutton, jCheckbox, jPasswordFieldjListBox, jComboBox and change their properties