Information Technology (802) Annual & Weekly Syllabus Split-Up - 2025-26 Grade XII

	Grade All														
S.No	Month	No. of Working Days		No. of Days	Topic	Sub Topic	Resources	Activity/Practical	Mid April Test	Periodic Test 1	Pre Mid Term	Mid Term	Periodic Test 2/ Pre Board	Post Midterm	Annual
1			Week 1		Introduction to Database Concepts	What is data, Need for a Database,	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Characteristics and Types of DBMS							
			Week 2	6	Introduction to Database Concepts	Key Constraints	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Advantages and Limitations of database							
	March		Week 3	5	Working with SQL	Introduction, Scenario 1	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Structured Query Language : select, Insert, Update, Create, Delete, Drop							
			Week 4	6	Working with SQL	Scenario 2, Scenario 3, Self Referencing	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos								
		•	Week 5	6	Working with SQL	Drop table, Alter Table, Drop a column	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos								
			Week 1	5	Working with SQL	Dropping a foreign key, Dropping primary key constrainst, Update command	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos								
			Week 2	5	Revision		Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos								
2	ADDII	23	Week 3	4	Mid April Test	15 April to 22 April 2025	7		Introduction to Database, Working with SQL						
2	APRIL	23			Communication	Communication, Active Listening, Stages	Text Book, E-Book, Practice Worksheet,	Demonstration of the key aspects of	with SQL						
			Week 4	6	Skills	of Active Listening, Interview Skills, Parts of Speech	Synopsis(Summary), Comp Lab, Videos	becoming active listener							
			Week 5	3	Communication Skills	Using capitals, Punctuation marks, Writing Skills, Types of sentences	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Demonstration and practice of writing sentences and paragraphs on topics related to the subjects							
			Week 1	0											
3		ŀ	Week 2	6	Operating Web	Introduction, Advantages of Online Reservation Systems	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Online Reservation System,							
	JUNE	19	Week 3	6	Operating Web	Key E-Governance Sites in India, Online	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Online shopping and Bill payments							
	JUNE	19	Week 4	6	Based Applications Operating Web Based Applications	Courses Tutorials and Tests Design Phase, Implementation Phase, Testing Phase	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Online educational Sites							
			Week 5	1	Revision	Testing Thase	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos								
			Week 1	5	Periodic Test 1	30 June to 7 July 2025				Comm Skills, Operating Web based Appl					
			Week 2	6	Self management Skills	Motivation	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Group discussion on identifying needs and desire							
4	JULY	27	Week 3	6	Self management Skills	Motivation	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	demonstrate the knowledge of different personality types							
			Week 4	6	ICT Skills	Introduction, Starting OpenOffice Calc, Filter and Sorting	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Demonstrate and practice on the following: Spreadsheet application,							
		•	Week 5	4	ICT Skills	Presentation, Software packages for Presentation, Font Change of Text	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Explaining the features of presentation, printing a presentation document							
		23	Week 1	2	Pre Mid Term Exam	1 Aug to 8 Aug 2025					Self Mgmt, ICT Skills, Working with SQL				
			Week 2		Java Programming with Net Beans	Introduction, Control Flow, Exercises	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Data types and variables, operators							
5	AUGUST		Week 3	5	Java Programming with Net Beans	Arrays, object Oriented Programming, Database Connectivity	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Control flow and arrays							
			-	Week 4	6	Java Programming with Net Beans	Assertions, Thread, Wrapper Classes	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Class design and Java Library						

			Week 5		Revision		Text Book, E-Book, Practice Worksheet,					
			Week 3	5	m .	1.0 10.0	Synopsis(Summary), Comp Lab, Videos					
6					Term 1	4 Sept to 18 Sept 2025				Introduction to Database,		
			Week 1							Working with SQL, Comm Skills, Operating Web based		
				5						Appl, Self Mgmt, Ict skills		
				3	Term 1	4 Sept to 18 Sept 2025				rippi, sen ivigine, iet skins		
			Week 2	6	Term 1	4 Sept to 16 Sept 2025						
			Week 3		Term 1	4 Sept to 18 Sept 2025						
	РТЕМВ	25	Week 3	6								
	1 ILMD	2.5			Entrepreneurial Skills	Features of Entrepreneurship, Qualities,	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Preparation of competencies profile of students				
			337 1 4		SKIIIS	Types, Roles 7 Functions of Entrepreneur, Startups, Barriers to becoming an		students				
			Week 4			Entrepreneur, Entrepreneurial attitudes						
				6		Entrepreneur, Entrepreneuriar attitudes						
				0	Green Skills	Introduction to Green jobs, Benefits of	Text Book, E-Book, Practice Worksheet,	Listing of green jobs and preparation				
			Week 5		Green Brins	Green jobs	Synopsis(Summary), Comp Lab, Videos	of posters on green job profiles				
				2		,		F				
					Work Integrated	Online Shopping Website - Case Study	Text Book, E-Book, Practice Worksheet,	Identification of Potential work area				
7			Week 1		Learning IT - DMA		Synopsis(Summary), Comp Lab, Videos					
				3								
			Week 2		Work Integrated	Online Shopping Website - Case Study	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	A shopping website - case study				
					Learning IT - DMA		Synopsis(Summary), Comp East, Videos					
				6								
					Work Integrated	Online Shopping Website - Case Study	Text Book, E-Book, Practice Worksheet,					
	СТОВЕ	13	Week 3		Learning IT - DMA		Synopsis(Summary), Comp Lab, Videos					
	CIOBE	. 13		4								
							Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos					
			Week 4	0			Synopsis(Summary), Comp Lab, Videos					
				0			Text Book, E-Book, Practice Worksheet,					
							Synopsis(Summary), Comp Lab, Videos					
			Week 5									
				0								
			Week 1	0	Pre Board 1	4 Nov to 17 Nov 2025					Full Syllabus	
				0	Pre Board 1	4 Nov to 17 Nov 2025						
			Week 2	5	r ic Board i	7 1107 to 17 1107 2023						
8	OVEMB	Bl 23	Week 3		Pre Board 1	4 Nov to 17 Nov 2025						
0	O V ENID		WCCK 3	6								
	1		Week 4	,	Revision	Revision/Practical / Project						
				6	Revision	Revision/Practical / Project						
	1		Week 5	6	IXC VISION	ix vision/1 factical / FTOJect						
		BI 20	Week 1		Revision	Revision/Practical / Project						
			WCCK I	6								
			Week 2		Pre Board 2	9 Dec to 19 Dec 2025						
				6	Pre Board 2	9 Dec to 19 Dec 2025						
9	ECEMBI		Week 3	6	ric Board 2	7 Dec to 17 Dec 2023						
			Week 4		Practice Test 1	25 Dec to 31 Dec 2025						
			WCCK 4	2								
			Week 5		Practice Test 1	25 Dec to 31 Dec 2025						
				U				1				

10		AR 22	Week 1									
			week 1	0								
			Week 2	6		6 Jan to 27 Jan 2026						
	ANUAR		Week 3	5	Pre Board 3	6 Jan to 27 Jan 2026						
			Week 4	6	Pre Board 3	6 Jan to 27 Jan 2026						
			Week 5	5								
11		F 23	Week 1	6								
			Week 2	6								
	EBRUAR		Week 3	5								
			Week 4	6								
			Week 5	0								
		RCH 22	Week 1	5							,	
12				Week 2	6							
	MARCH		Week 3	5							,	
			Week 4	5			 _		_			
			Week 5	1								