

AIWC ACADEMY OF EXCELLENCE

SESSION 2026-2027

Class – 8

Subject – Computer

Unit / Term Portion		Chapters
Half Yearly	UT - 1	Chapter 1 – Creating Tables and Hyperlinks in HTML Chapter 2 – Inserting Images & creating lists in HTML
	UT - 2	Chapter 3 – Introduction to Visual Basic Chapter 6 – Working with Tables in Microsoft Access 2013
Annual Term	UT - 3	Chapter 7 – Objects – Query, Form and Report
	UT - 4	Chapter 8 – Computer Networking Chapter 9 – Python
		Chapter 11 – Ethics while using computer and the Internet

STD- VIII SUBJECT- Computer Science
BOOK- COMPUTER GIGABYTE (SHISHU RATNASAGAR PUBLICATION EDITION - 2026)
MONTH-WISE SYLLABUS

Unit / Term		Chapter	Contents	Objectives	Month + No. of Working Day
Half Yearly *Date: 18/09-30/09	UT 1 *Date: 01/05-09/05	1. Creating Tables and Hyperlinks in HTML	<ul style="list-style-type: none"> • Creating Tables in HTML • Creating Hyperlinks in HTML 	Attributes of <TABLE> Tag, <TR>/<TD>/<TH> Tags, Using the Bgcolor and align, using the rowspan and colspan, Attributes of <TD> Tag, Types of linking in HTML.	April + 23
		2. Inserting Images and Creating Lists in HTML	<ul style="list-style-type: none"> • Inserting Images • Creating lists • Nested Lists 	Image Tag, Using Align Attribute of Tag, Ordered List Tag, Unordered List Tag.	
	UT 2 *Date: 24/07-31/07	3. Introduction to Visual Basic	<ul style="list-style-type: none"> • Starting Visual Basic • Visual Basic IDE Interface • Form Properties, Methods and Events • Controls in Visual Basic • Application Development 	Form Properties, Methods and Events, Pointer Control, Label Control, TextBox control, Button Control	May – (8+5*) days + June – (10+5*) days + July – (26) days
		6. Working with Tables in Microsoft Access 2013	<ul style="list-style-type: none"> • Data base • Microsoft Access 2013 • Starting Access • Creating a Database • Access Window Interface • Tables in Access • Inserting and removing a field from Table 	Advantages of Database, Objects in Access, Components of a Table, Field Data type, Field Properties, Views of a Table, Inserting and Deleting a Field	
	<u>REVISION of Theory + Practical</u>				
Annual Term	UT 3 *Date: 30/11-05/12	7. Objects-Query, Form and Report	<ul style="list-style-type: none"> • Query in Access • Forming in Access • Report in Access 	Creating a Query, Creating a Query with multiple Conditions, creating a form, Formatting a form, Using the Format Tab, Creating a Report, Formatting a printing Reports	Oct – (18) days + November – (20) days
	UT 4 *Date: 18/01-23/01	8. Computer Networking	<ul style="list-style-type: none"> • Advantage of Computer Network • Types of Computer Network • Network Topologies • Transmission of Media • Devices in a Computer Network • Protocols • Threats to computer and computer security 	Personal Area Network (PAN), Local Area Network (LAN), Campus Area Network (CAN), Metropolitan Area Network (MAN), Wide Area Network (WAN), Topologies: Bus, Ring, Star and Mesh Topology, Computer Security	Dec – (20) days + Jan – (21) days
		9. Python	<ul style="list-style-type: none"> • Introduction to Python • Modes and Print () function • Variables 	Types of Operators, Types of Control Statements, if...elif...else.	

Unit / Term		Chapter	Contents	Objectives	Month + No. of Working Day
Annual Term *Date: 22/02- 04/03			<ul style="list-style-type: none"> • Data types in Python • Input () function • Operators • Control and Conditional Statements 		
		11.Ethics While using Computer and the Internet	<ul style="list-style-type: none"> • Computer Ethics • Common Ethical Guidelines • Common Unethical Practices • Cybercrime • Safety measure 	Breaking into privacy, Cyberbullying, Hacking, Phishing, Plagiarism, Software piracy, Spamming	Feb – (23) days
	Revision for Annual Term Theory + Practical				

***Exam dates are subject to change with prior notice.**