

SYLLABUS 2022-23




SUBJECT-Computer Science

CLASS- XI

TERM I

MONTH	TEXT BOOK - TOPIC	E LIBRARY TOPIC	ACTIVITY
JULY	Basic Computer Organisation, Types of Software, Basic Logic Gates, Logical Operations	Ch 1 : Computer System Overview Ch 4 : Boolean Logics	"White Board Activity" (Pick up a slip of any logic gate and solve question using whiteboard.)
AUGUST	Operators, Assignments, Data types, conversions, Tokens, Barebones of Python Program	Ch 2 : Getting Started with Python Ch 3 : Data Representation Ch 5 : Python Fundamentals,	"Lab activity" (Related Operations)
SEPTEMBER	For loop, While loop, If-Else statement, Transversing a string, Membership operator, Dictionary syntax,	Ch 8 :Conditional and Iterative Statement, Ch 9 : String Manipulation	"Code IT" (Write Different programs using conditional and iterative statements and for loop)

TERM II

OCTOBER	Working with dictionary, Dictionary Function and Methods	Ch 10 Dictionary Ch 21: Cyber Safety	Cyber Safety Week
NOVEMBER	List declaration, types of list, tuples declaration, types of tuples, Data types	Ch 11: List Manipulation , Ch 12 : Tuple	 Lab Practical
DECEMBER	Identity Protection, Social Network, Cyber troll and Cyber Bullying	Ch 17 Simple Queries in SQL Ch 10 Dictionary	 "Mini Project"
JANUARY	Revision		"Final Practicals"
FEBRUARY	Revision		Classroom Presentation