

COMPUTER SCIENCE (083)**CLASS XII****Academic planner-2023-24**

Date	working	Chapter	Demo./Practicals/Teaching Strategies Mode of Assessment
APRIL 1-15 16-30	9 11	Unit-1 Computational Thinking and Programming Revision of the basics of Python covered in Class Functions: scope, parameter passing, functions using libraries:	Demo of UDF and practical of UDF in the lab throughout the month. UDF practical and theory will be completed in this month
MAY 1-15	11	Unit III: Database Management Database Concepts: Data Types: SQL commands, SQL functions:	Demo of MYSQL and various DDL and DML commands will be done various questions from previous sample papers in practical
JULY 1-15 16-31	12 12	Concept of domain, relation, tuple, attribute, degree, cardinality Joins: equi-join and natural join primary key, candidate key, alternate key and foreign key; Relational data model: Unit II: Computer Networks	Completion of MYSQL practical tables Completion of MYSQL practical file.
AUG 1-15 16-31	11 13	Unit II: Computer Networks Complete unit II will be covered in this month Revision of UNIT-2, UNIT -3 for half yearly	class tests will be conducted presentation will be done by students regarding each and every topic of Networking
SEP 1-15 16-30	11 12	Practicals of Half yearly will be conducted Half Yearly Examination	Completion of practical file HALF YEARLY EXAMINATION
OCT 1-15 16-31	10 9	File handling: Text File: Binary File: CSV File: Using Python libraries:	Practical of File handling topic in lab Practical file will be completed Project discussion
NOV 1-15 16-30	9 12	Data-structures: Lists as covered in Class XI, Stacks – Push and Pop using a LIST Project (that uses the concepts learnt in Class 11 and 12)	Syllabus will be completed Conducting Tests Project discussion
DEC 1-15 16-31	12 13	Preboard Examination	Submission of project and Practical files ASSESSMENT TEST