CLASS XII   SUBJECT- INFORMATICS PRACTIES(065)

Date	working days	Content	Learning Outcomes/SDG
APRIL 1-15	10	Unit 4: Societal Impacts	**apply the concept of function**
16-30	12	Unit-4 will be completed in this month	
MAY 1-15	11 8	Unit 2: Database Query using SQL Math functions:Text functions:Date,:Agg Functions: Querying and manipulating data using Group by, Having,Order BY	**use Database concepts, SQL**
JULY 1-15	12	Unit III: Computer Networks	
16-31	14	Complete unit III will be covered in this month	Retrieve and manipulate data in RDBMS using Structured Query Language
AUG 1-15	11	Unit 1: Data Handling using Pandas -I	access to job opportunities, professional connections, career advice, new ideas, and valuable information.
16-31	12	Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and Dataframes	
SEP 1-15	11	Practicals of Half yearly will be conducted	
16-30	12	Half Yearly Ecamination	explain and use the concept of file handling.
OCT 1-15	8	Series,Dataframe creation Importing/Exporting Data between CSV files and Dataframes	
16-31	10		**use basic data structure: Stacks**
NOV 1-15	11	Data Visualization Purpose of plotting; Customizing plots: adding label, title, and legend in plots.	
16-30	12		
DEC 1-15	12	Preboard Examination	
16-31	13		

Academic planner-2025-26

Assignment/HW	Teaching Paedgogy/ Mode of Assessment	Interdisciplinary aspect	21st Century Skills
Assignment of case study questions based o impact	All the students will give presentation on the topics given under this UNIT. They will be divided	cyber safety Computer Science	Problem Solving
Assignment of SQL tables from previous year	Students will complete the Individual Task	Data Science MS Access	Problem Solving
Assignment of case study based questions ba Computer networking	presentation will be done by students	Computer Science	Pair Programming
Assignment of Pandas using series command implementation	Installation of pandas Demo of Using How to import all Various videos will	Database software	Design Thinking
	HALF YEARLY		
Assignment of various questions from		Database software Computer Science	Self directed Learning
Assignment of various questions from	Conducting Tests Project discussion	Economics	
	Submission of and Practical files ASSESSMENT TEST		