

**DCS/DCIS**  
**Yearly Lesson Plan 2024-25**  
**Grade-11 Month wise Syllabus Distribution**

Month	No.of Teaching Days	Assessment	Unit	Chapter No.	Topic/Chapter Details	Learning Outcomes	List of Programs/Practical's/Queries as per CBSE curriculum
JUNE	16		3	8, 9	Ch-8 Database Concepts Ch-9 Structured Query Language (Up to Making Simple Queries)	Students will be introduced with different file system and DBMS as well as RDBMS, shall understand different RDBMS terminology and will be introduced with Different types of commands in MySQL.	18.To create a database 19. To create student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key. 20. To insert the details of at least 10 students in the above table.
JULY	23	Quarterly 1 (Ch-11,2,3)	3,2	9,2,3	Ch-9 Structured Query Language (Continued) Ch-2-Getting Started with Python, Ch-3-Python Fundamental,	Students will understand writing queries and using different types of commands. Students will be introduced with Python, advantages and disadvantages as well as Tokens.	21. To display the entire content of table. 22. To display Rno, Name and Marks of those students who are scoring marks more than 50. 1. To find average and grade for given marks. 2. To find sale price of an item with given cost and discount (%). 3. To calculate perimeter/circumference and area of shapes such as triangle, rectangle, square and circle. 4. To calculate Simple and Compound interest. 5. To calculate profit-loss for given Cost and Sell Price.
AUGUST	19		2	4,5	Ch-4 Data Handling Ch-5- Flow of Control Practical for Term-2	Students will understand writing simple program as well as will be able to understand Flow of control and its practical execution.	6. To calculate EMI for Amount, Period and Interest. 7. To calculate tax - GST / Income Tax. 8. To find the largest and smallest numbers in a list. 9. To find the third largest/smallest number in a list. 10. To find the sum of squares of the first 100 natural numbers. 11. To print the first 'n' multiples of given number. 12. To count the number of vowels in user entered string.
SEPTEMBER	10	H.Y/Term-1 (Ch-2,3,4,5,8,9)	2	6	Ch-6- List Manipulation,	Students will be taught list its creation and manipulation as well as different functions.	13. To print the words starting with a alphabet in a user entered List. 14. To print number of occurrences of a given alphabet in each List.
OCTOBER	17		2	6,7	Ch-6- List Manipulation (Continued) Ch-7 Dictionaries	Students will be taught different programs based on list. Students will be taught Dictionary its creation and manipulation as well as different functions and Students will be taught different programs based on Dictionary.	15. Create a dictionary to store names of states and their capitals. 16. Create a dictionary of students to store names and marks obtained in 5 subjects. 17. To print the highest and lowest values in the dictionary.

NOVEMBER	17		1	1	Unit-1: Introduction to Computer System,	Students will be taught and make aware of Hardware and Software as well as its different components.	
DECEMBER	10	Quarterly 2 (Ch-7,8,9)	4	10	Ch- 10 Emerging Trends	Students will be taught and make aware of Emerging Trends as well as AI, Robotics, Big-Data and Internet of Things.	
JANUARY	21		4	10	Ch- 10 Emerging Trends(Continued), Revision and Annual Practical	Students will be taught and make aware of Emerging Trends technique like Cloud computing, Grid Computing and Blockchain Technology.	
FEBRUARY	18	ANNUAL EXAMINATION (Full Syllabus)			Revision		