



CLASS XI : INFORMATICS PRACTICES 2021-22

DURATION	SYLLABUS COVERED	SYLLABUS TESTED	SUBJECT ENRICHMENT/ PRACTICAL/ ENGLISH CONVERSATION / VISUAL STIMULUS	LEARNING OBJECTIVE
UT - 1	GETTING STARTED WITH PYTHON PYTHON FUNDAMENTAL	GETTING STARTED WITH PYTHON PYTHON FUNDAMENTAL	Program file – having 5 basic python programs	Identify the components of PYTHON PROGRAMMING
ALF YEARLY	GETTING STARTED WITH PYTHON PYTHON FUNDAMENTAL DATA HANDLING IN PYTHON FLOW OF CONTROL STRINGS I PYTHON LISTS DICTIONARIES	GETTING STARTED WITH PYTHON PYTHON FUNDAMENTAL DATA HANDLING IN PYTHON FLOW OF CONTROL STRINGS I PYTHON LISTS DICTIONARIES	Program file – 15 python programs covering each topic	1. Create Python programs using different data types, lists and dictionaries 2. Basic computational thinking. Learn how to reason with variables, state transitions, conditionals, and iteration
UT-2	DATABASE CONCEPTS STRUCTURED QUERY LANGUAGE	DATABSE CONCETS STRUCTURED QUERY LANGUAGE	MYSQL FILE – 3 TABLES OF 10 QUERIES EACH	<ul style="list-style-type: none"> ● Understand database concepts and Relational Database Management Systems. ● Retrieve and manipulate data in RDBMS using Structured Query Language
TERM 1	STRUCTURED QUERY LANGUAGE EMERING TRENDS	Total Syllabus covered during the Year	MYSQL FILE – 2 TABLES OF 10 QUERIES EACH	Identify the Emerging trends in the fields of Information Technology.
ANNUAL		Total Syllabus covered during the Year		