

CLASS –XI

CLASSES REQUIRED	8
TOPIC	MYSQL
CONCEPT & SKILLS	<ul style="list-style-type: none"> • Introduction to MySQL • Exploring the elements of MySQL • Exploring SQL statements • Using a database in MySQL • Creating tables • Inserting records into a table • Creating queries using the select clause • Updating data in a table • Deleting data from a table • Altering tables • Dropping tables • Exploring the string Functions • Exploring the Numeric Functions • Exploring the date and time functions • Defining Group Functions
LEARNING OUTCOMES	<p>Students will be acquainted with the basics of RDBMS</p> <p>Students will be acquainted with MySQL Database system</p> <p>Students will be able to create and maintain a database in MySQL</p> <p>Students will be able to create, update, alter, delete tables in MySQL</p> <p>Students will be able to insert records in a table</p> <p>Students will be able to retrieve data using select clause</p> <p>Students will be able to specify conditions based on list,Range,Pattern</p> <p>Students will be able to sort a result</p> <p>Student will be able to use different MySQL Functions</p>
INSTRUCTIONAL TOOLS & REFERENCES	Laptop Board to show the syntax of different queries
PEDAGOGY	Demonstration Concept formation
ACTIVITY / ASSIGNMENT / RESEARCH	<p>Student will be asked to create and use a database</p> <p>Student will be asked to answer different queries based on a table</p> <p>Student will be asked to create, update, delete, alter different tables</p> <p>Student will be asked to retrieve data from tables</p>
ASSESSMENT	Assessment will be done on the basis of practical done in the computer lab,
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	Java, MySQL, IT Applications