

**TECNIA INSTITUTE OF ADVANCED STUDIES**  
Grade 'A' Institute  
**Department of Information, Communication & Technology**  
**Bachelor of Computer Applications (BCA)**  
Scheme and Syllabus (w.e.f. Academic Session 2021-22)  
(Dec 2022): GGSIP University, Delhi

**COURSE CODE: BCA 176**

**COURSE NAME: PRACTICAL-VI DBMS LAB**

**LEARNING OBJECTIVES:**

The course is to provide the basics of SQL. To understand RDBMS and construct queries using SQL to design a database and manipulate data in it

**PRE-REQUISITES: NIL**

**COURSE OUTCOMES (COs):**

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO
<b>CO1</b>	Understand the structure and design of relational databases.
<b>CO2</b>	Write DDL statements in SQL to create, Modify and remove database objects.
<b>CO3</b>	Use constraints for the database
<b>CO4</b>	Write DML statements in SQL to insert, Modify and remove data from database.
<b>CO5</b>	Write SQL statements to retrieve data based on the conditions provided by the user.
<b>CO6</b>	Use index and Views in database
<b>CO7</b>	Use structured query language (SQL) to an intermediate/advanced level