

# Lab No. 15

---

## (Open Ended Lab)

### Lab 15 – DatabaseApp Development in Python

Data Retrieval and Manipulation using Python

#### Task#1.

Design a database having atleast two tables using any DBMS of your own choice.

1. Dept(deptid(pk),dname)
2. Teacher(Tid(pk),name,designation,salary,deptid(fk))
3. Courses(ccode,cname,credithrs,Tid(fk))

In this lab, student will learn how to make a DatabaseApp using Python

- Create database connection
- Design GUI of your application according to your own choice using Tkinter or Custom Tkinter Module.
- Write Python code to display data from database into python program.

## DML (Insert& Delete)

#### Task#2.

- Write a Python code to perform insert and delete operation using SQL queries on at least one table mentioned above. When user clicks on delete button ,it deletes a particular record and display a message that a record has been deleted successfully.

