 **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**

**Time: 1.5 hr CS221 Lab Marks: 10**

**Lab No: 04 Dated: 11/02/2021**

**Lab Activity 1:**

Learning Objective: Basic implementation of **stack by using** **single linked list**

Create a mini student data base system which adds the record of a student (Reg#, Name). Your system should be fully interactive and menu driven which prompts the user to enter the choice according to the choices given below and implement the respective functionalities:

**0. Exit Program**

**1. Push a student record in stack**

**2. POP a student from Stack**

**3. Show top student record in stack**

**4. Display all students in stack**

**Use concept of linked list (i.e create node) for adding every new student in stack.**