

## **Data Structure Lab (15CSE 281)**

### **Lab Sheet VI**

#### **Circular and Doubly Linked List (07/09/16)**

1. Perform the following operations on a circular linked list. Display the list after each operation.
  - a. Insert an element at the beginning of the list
  - b. Insert an element at the end of the list
  - c. Delete an element from the end of the list
  - d. Delete first node in the list
  - e. Delete an element specified by a key value
  
2. Perform the following operations on a doubly linked list
  - a. Insert an element at the beginning of the list
  - b. Insert an element after a given key in the list
  - c. Delete an element from the end of the list
  - d. Delete an element specified by a key value
  - e. Display the list in forward order
  - f. Display the list in backward order