

**Data Structures and Algorithms Laboratory**  
**Paper code –ES-CS391**  
**3<sup>rd</sup> Semester ECE1**

**Assignment #14:**

**Write menu driven program to perform following operations using functions:**

- a. Creation of Singly Circular Linked list
- b. Display of Singly Circular Linked list
- c. Insert a node in different positions of Singly Circular Linked list
- d. Delete a node from different positions of Singly Circular Linked list
- e. Add two long digits (at least 20 digits) numbers using Circular Linked List.
- f. Solve the Josephus's problem using Circular Linked List.