**Subject Name:** Program Logic Design in 'C'      **Subject Code:** BECT202T

**Sem/ Branch:** 3rd Sem/ CT

## Assignments

## Unit – III

| Sr. No. | Name of Assignment/Question/Task given | Date | CO/PO/PSO |
|---------|-----------------------------------------|------|-----------|
| 1 | What are pointers? Explain the concept of call by value and call by reference along with an example. | 12/8/2018 | CO3 PO(1,2,3,5,6) PSO(1,2) |
| 2 | What is recursion? Give suitable example. | | CO3 PO(1,2,3,5,6) PSO(1,2) |
| 3 | Write a program which shows a pointer operation. Write a program using pointer to reverse a string without using string handling function. Explain pointer with structure. | | CO3 PO(1,2,3,4,5,6) PSO(1,2) |
| 4 | Explain the purpose of following functions i> Calloc ii> malloc iii> realloc iv> free v> sizeof | | |

## Unit – VI

| Sr. No. | Name of Assignment/Question/Task given | Date | CO/PO/PSO |
|---------|-----------------------------------------|------|-----------|
| 1 | What is functional programming? Explain its benefits. | 10/10//2018 | CO6 PO(1,2,3,5,6) PSO(1,2) |
| 2 | Explain the principal of Mathematical induction. | | CO6 PO(1,2,3,5,6) PSO(1,2) |
| 3 | What do you mean by stepwise refinement of the pgm? Compare top down and bottom up strategies to solve pgm | | CO6 PO(1,2,3,4,5,6) PSO(1,2) |

**Subject In charge**                                              **HOD, Dept. of CT**
**Prof. S.M.Malode**                                              **Dr. A. A. Jaiswal**