

## PROGRAMMING IN C

Semester	Subject Code	Category	Lecture Hrs		Theory Hrs		Practical		Credits
			Per week	Per Sem	Per week	Per Sem	Per week	Per Sem	
I	21CCS11	CORE PRACT-I	3	45	0	0	3	45	3

### COURSE OBJECTIVE

- This practical develops the basic programming skills in C Language.

### SYLLABUS

1. Summation of Series: Sin(x) (Compare with built in functions)
2. Summation of Series Cos(x) (Compare with built in functions)
3. Counting the no. of vowels, consonants, words, white spaces in a line of text
4. Reverse a string & check for palindrome without built in string function
5.  ${}^n P_r$ ,  ${}^n C_r$  in a single program using function
6. Matrix Addition, subtraction and multiplication
7. Linear Search of a number in an array
8. Sorting an array in ascending and descending order
9. Finding maximum and minimum of list of numbers
10. Call by value and call by reference of functions
11. Employee pay bill using structure
12. Preparing an EB bill using file

**Distribution of Marks: Program Output with Viva voce: 85% and Record:15%**

### SYLLABUS DESIGNERS

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