

Course Name: C Programming

Class: FE Sem: II

	Course Outcome
CO1	Formulate simple algorithms for arithmetic, logical problems and translate them to programs in C language
CO2	Implement, test and execute programs comprising of control structures
CO3	Decompose a problem into functions and synthesize a complete program
CO4	Demonstrate the use of arrays, strings and structures in C language.
CO5	Understand the concept of pointers

Sr. No.	Name of Experiment	CO Mapping
1	Simple and Compound Interest	CO1
2	Quadratic Equation	CO2
3	Constructability of Triangle	CO2
4	Armstrong Number	CO2
5	Arithmetic Calculator	CO2
6	Fibonacci Series	CO2
7	Display pattern 1	CO2
8	Sine series	CO3
9	Pascal's triangle	CO3
10	Recursive GCD	CO3
11	Sorting	CO4
12	Array rotation	CO4

13	Sum of Matrix elements	CO4
14	Matrix multiplication	CO4
15	Palindrome String	CO4
16	Sorting of Strings	CO4
17	Complex manipulation	CO4
18	Patients records	CO4
19	Call by Value and Call by reference	CO5
20	Pointer Addition	CO5

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Name and Signature of Faculty In-charge:
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