Lesson Plan

Name of Faculty: **Ms Varsha Rani, Assistant Professor of CSE**
Discipline :   **Civil Engineering**
Semester :   **1st**
Subject :   **Prog. For Problem Solving lab(ESC 103)**
Lesson Plan Duration :15 weeks (from January/ February-2021 to April/ May-2021)
Work Load (Lecture/Practical) per week (in hours): Lectures-04hours, Practical-02 hours

Week	Practical Day	Topics/ Programs	Date	HOD	Director-Principal
		Theory/ Practical (Group-I/ II)		Topic Covered Date and Remarks	
1st	1	To formulate simple algorithm for arithmetic and logical problems			
2nd	2	To translate the algorithm into Programs			
3rd	3	To test and execute the program and correct syntax and logical errors			
4th	4	To implement conditional branching,iteration and recursion.			
5th	5	To decompose a problem into functions and synthesize a complete program using divide and conquer Approach			
6th	6	To use array,pointers and structures to formulate algorithms and programs			
7th		Minor test 1st			
8th	7	To apply programming to solve simple numerical methods problems,namely not finding of function.			
9th	8	To be able to create,read and write to and from simple text files.			
10th	9	To be able to declare pointers of different types and use them in defining self refrential structures.			
11th	10	Function,call by value			
12th	11	Function call by refrence			
13th	12	Variable types and type conversions.			
14th		Minor test 2nd			
15th	13	2D arrays and strings.			