

## TEACHING PLAN FOR THEORY

**Name of Subject Teacher: Riyaz Kazi**

<b>Subject: Programming in C</b>		<b>Class: Div-C</b>	<b>Branch: FY B.Tech</b>	<b>Year: 2017-2017</b>
<b>Lecture No</b>	<b>Scheduled Date</b>	<b>Topics to be covered on the scheduled date</b>		
1	19/07/2017	Syllabus Discussion, Discussion on course objective & course outcome		
		<b>Unit-1: Basics of Programming</b>		
2	21/07/2017	Approaches to Problem solving, concept of algorithm and flow charts with example		
3	26/07/2017	Types of computer languages: Machine language, assembly language		
4	28/07/2017	High level language		
5	04/08/2017	Concept of assembler, compiler, loader and linker.		
6	02/08/2017	<b>TAE-1 : Quiz</b>		
		<b>Unit-2: C Programming fundamentals</b>		
7	09/08/2017	Types of programming language , Introduction to C language		
8	11/08/2017	Tokens, character set, constants, variables, data types, keywords, expressions		
9	16/08/2017	Operators in C and its types		
10	18/08/2017	Standard input- output statements in C, structure of C-program.		

11	17/08/2017	<b>TAE-2 : Surprise Test</b>
12	17/08/2017	<b>TAE-3 : Home Assignment</b>
		<b>Unit-3: Conditional Program Execution</b>
13	30/08/2017	Applying if and switch statements, nesting if and else
14	01/09/2017	Restrictions on switch values, use of break and default with switch
15	06/09/2017	Uses of while, do and for loops, multiple loop variables,
16	08/09/2017	Assignment operators, using break and continue
17	13/09/2017	<b>TAE-4 : Attendance in Class</b>
		<b>Unit-4: Introduction to function and Arrays</b>
18	13/09/2017	Standard library functions and user defined functions, function declaration, function definition and function call
19	15/09/2017	Call by value and call by reference, return statement, recursion,
20	20/09/2017	Introduction to array, One and Two Dimensional Arrays, Initialization
21	29/09/2017	Operations on one & two dimensional arrays.
22	27/09/2017	<b>TAE-5 : Seminar</b>
		<b>Unit-5: Introduction to String</b>
23	04/10/2017	<b>TAE-6 : Extra Curricular Activity</b>
24	06/10/2017	Definition of string, Declaration of string

25	11/10/2017	Reading, Writing string
26	13/10/2017	String handling operations using and without using library functions
27	27/10/2017	Examples of strings
28	27/10/2017	<b>TAE-7 : Any Other</b>
		<b>Unit-6: Structure</b>
29	01/11/2017	Introduction to Structure definition. Initializing, Assigning values
30	03/11/2017	Passing of structure as arguments, Unions
31	10/11/2017	Programming Examples. Standard C preprocessors
32	10/11/2017	Defining and calling macros, Storage Classes with types.