

TEACHING PLAN FOR THEORY PIC (BITL104)

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Course: PIC (BITL104)		Class: F.Y. B. Tech - [ODD Term]
Programme:FYBTECH		Academic Year: 2018-2019
Lecture No	Scheduled Date	Topics to be covered on the scheduled date
		Syllabus Discussion, Discussion on course objective & course outcome
Unit – I : Basic of C FUNDAMENTALS		
1.	30/07/2018	Basic structures of C language, C tokens. Data types, Data types, Declaration of variables.
2.	31/07/2018	Assigning values, Arithmetic, Relational and logical operators.
3.	01/08/2018	Increment and Decrement operators. Control operators,.
4.	06/08/2018	Expressions, Evaluation I/O operations, If and SWITCH statements.
5.	07/08/2018	WHILE, DO-WHILE and FOR Statements, Arrays, Programming examples.
Unit – II : Function and Pointers		
6.	08/08/2018	What is function, Why use function, Passing values between functions,
7.	09/08/2018	Scope rule of function, calling convention, advanced features of functions
8.	13/08/2018	return type of functions, call by value and call by references,
9.	14/08/2018	An Introduction to Pointers, Pointer Notation, Recursion.
Unit –III INTRODUCTION TO PYTHON		
10.	20/08/2018	Python interpreter and interactive mode; variables types, I/O operations,

11.	21/08/2018	Python operators, Standard Data Types: Numbers,
12.	22/08/2018	String, accessing strings, Basic operations,
13.	27/08/2018	List, Tuple, Set, Dictionary; Programming Examples.
Unit IV: Control Flow		
14.	28/08/2018	Conditional (if), alternative (if-else),
15.	29/08/2018	chained conditional (if-else);
16.	03/09/2018	Loops: while, for; break, continue, pass.
Unit –V FUNCTIONS		
17.	04/09/2018	Definition, call, functional arguments: Required arguments, Keyword arguments,
18.	05/09/2018	Default arguments , Variable-length arguments; Anonymous function; Modules - import mechanisms,
19.	10/09/2018	Packages, Import with renaming, from...import statement, Import all names; Programming Examples.