

ST.ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
LESSON PLAN

NAME OF THE SUBJECT: **Python Programming**
 YEAR-SEM, : **II B.TECH- I SEM**
 NAME OF THE FACULTY: **K.SUBBA RAO**
(TUTORIAL)

Branch & Section: CSE-B
Academic Year: 2017-18
NO. OF LECTURES PER WEEK : 4+1*

Sl No	UNIT	Date	Topic
1	I	12/6/2017	Introduction:History of Python
2		14-06-2017	Need of Python Programming
3		15-06-2017	Applications of Python
4		16-06-2017	Tutorial
5		16-06-2017	Tutorial
6		17-06-2017	Basics of Python Programming Using the REPL(Shell),Running Python Scripts
7		19-06-2017	Variables, Assignment, Keywords
8		21-06-2017	Input-Output, Indentation.
9		22-06-2017	Revision of unit-1:NPTEL
10		23-06-2017	Tutorial
11		23-06-2017	Tutorial
12		24-06-2017	Unit-1 Slip test
13	II	28-06-2017	Unit-1 objective test, Introduction to unit-2:Types - Integers, Strings, Booleans;
14		29-06-2017	Operators- Arithmetic , Comparison (Relational), Assignment, Logical, Bitwise
15		30-06-2017	Tutorial
16		30-06-2017	Tutorial
17		1/7/2017	Membership Operators, Identity Operators,Expressions and order of evaluations
18		5/7/2017	Control Flow- if, if-elif-else, for, while,
19		6/7/2017	break, continue, pass
20		7/7/2017	Tutorial
21		7/7/2017	Tutorial
22		10/7/2017	Revision of unit-2:NPTEL/PPT
23		12/7/2017	Unit-2 Slip test
24	III	13/7/2017	unit-2 objective test , introduction to unit-3:Data Structures Lists –Operations
25		14/7/2017	Tutorial
26		14/7/2017	Tutorial
27		15/7/2017	Slicing, methods
28		17/7/2017	Tuples
29		19/7/2017	operations on Sets, Dictionaries
30		20/7/2017	Sequences, Comprehensions
31		21/7/2017	Tutorial
32		21/7/2017	Tutorial
33		22/7/2017	Revision: NPTEL/PPT
34	IV	24/7/2017	Introduction to unit-4, Functions - Defining Functions, Calling Functions
35		26/7/2017	Passing Arguments, Keyword Arguments, Default Arguments, Variable-length arguments
36		27/7/2017	Anonymous Functions, Fruitful Functions(Function Returning Values),
37		28/7/2017	Tutorial
38		28/7/2017	Tutorial
39		29/7/2017	Scope of the Variables in a Function - Global and Local Variables
40		31/7/2017	Creating modules, importing modules, from statement,
41		2/8/2017	name spacing
42		3/8/2017	Introduction to PIP
43		4/8/2017	Tutorial
44		4/8/2017	Tutorial
45		5/8/2017	Revision
46		mid-1	7/8/2017
47	9/8/2017		Revision of Unit-2

48		10/8/2017	Revision of Unit-3
49		11/8/2017	Tutorial: Previous Questions Explanation
50		11/8/2017	Tutorial: Previous Questions Explanation
51		12/8/2017	Previous Questions Explanation
52	IV	16/8/2017	Installing Packages via PIP, Using Python Packages
53		17/8/2017	Revision of unit-4:NPTEL/PPT
54		18/8/2017	Tutorial
55		18/8/2017	Tutorial
56		19/8/2017	unit-4 slip test
57	V	21/8/2017	unit-4 objective test and introduction to unit-5: OOP Concepts
58		23/8/2017	Object Oriented Programming OOP in Python: Classes
59		24/8/2017	self variable', Methods
60		28/8/2017	Constructor Method
61		30/8/2017	Inheritance
62		31/8/2017	Overriding Methods, Datahiding
63		1/9/2017	Tutorial
64		1/9/2017	Tutorial
65		4/9/2017	Difference between an error and Exception, Handling Exception
66		6/9/2017	try except block, Raising Exceptions
67		7/9/2017	User Defined Exceptions
68		8/9/2017	Tutorial
69		8/9/2017	Tutorial
70		9/9/2017	Revision of Unit-5:NPTEL/PPT
71		11/9/2017	Unit-5 slip test
72	VI	13/9/2017	Unit-5 objective test, Introduction to Unit-6
73		14/9/2017	Brief Tour of the Standard Library - Operating System Interface
74		15/9/2017	Tutorial
75		15/9/2017	Tutorial
76		16/9/2017	String Pattern Matching
77		18/9/2017	Mathematics, Internet Access, Dates and Times, Data Compression,
78		20/9/2017	Multithreading
79		21/9/2017	GUI Programming
80		22/9/2017	Tutorial
81		22/9/2017	Tutorial
82		23/9/2017	Turtle Graphics
83		25/9/2017	Testing: Why testing is required ?, Basic concepts of testing
84		27/9/2017	Unit testing in Python
85		4/10/2017	Writing Test cases, Running Tests
86		5/10/2017	Writing Test cases, Running Tests
87		6/10/2017	Tutorial
88		6/10/2017	Tutorial
89		7/10/2017	Revision of Unit-6:NPTEL/PPT
90	Mid-2	9/10/2017	Revision of Unit-4
91		11/10/2017	Revision of Unit-5
92		12/10/2017	Revision of Unit-6
93		13/10/2017	Previous Questions Explanation
94		13/10/2017	Previous Questions Explanation
95		14/10/2017	Previous Questions Explanation

TEXT BOOKS

Python Programming: A Modern Approach, Vamsi Kurama, Pearson
Learning Python, Mark Lutz, Orielly

Reference Books:

Think Python, Allen Downey, Green Tea Press
Core Python Programming, W.Chun, Pearson.
Introduction to Python, Kenneth A. Lambert, Cengage

Signature of Faculty

Signature of HOD

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