

St. Ann's College of Engineering & Technology::Chirala
Department of Computer Science and Engineering

NAME OF THE SUBJECT: Python Programming

YEAR-SEM. : II B.TECH- I SEM -'A' SECTION

NAME OF THE FACULTY: K.SUBBA RAO

NO. OF LECTURES PER WEEK : 5+1* (TUTORIAL)

sl.no	Date	UNIT	Topic	No.of hours Required/unit
1	11-Jun-18	I	Introduction:History of Python	8
2	12-Jun-18		Need of Python Programming, Applications	
3	13-Jun-18		Basics of Python Programming Using the REPL(Shell)	
4	14-Jun-18		Running Python Scripts	
5	18-Jun-18		Variables	
6	19-Jun-18		Assignment, Keywords	
7	20-Jun-18		Input-Output Operations	
8	22-Jun-18		Indentation.	
9	23-Jun-18		Revision of Unit 1	
10	23-Jun-18		Tutorial	
11	25-Jun-18	II	Unit Test-1	7
12	26-Jun-18		Unit-1 objective test, Introduction to unit-2	
13	27-Jun-18		Types - Integers, Strings, Booleans;	
14	29-Jun-18		Operators- Arithmetic , Comparison (Relational), Assignment, Logical, Bitwise	
15	30-Jun-18		Membership Operators, Identity Operators	
16	30-Jun-18		Tutorial	
17	2-Jul-18		Expressions and order of evaluations	
18	3-Jul-18		Control Flow- if, if-elif-else, for, while,	
19	4-Jul-18		break, continue, pass	
20	6-Jul-18		Revision of Unit 2	
21	7-Jul-18	Tutorial		
22	7-Jul-18	Unit Test-2	9	
23	9-Jul-18	unit-2 objective test , introduction to unit-3		
24	10-Jul-18	List data structure		
25	11-Jul-18	Operations		
26	13-Jul-18	Slicing		
27	14-Jul-18	Methods		
28	14-Jul-18	Tutorial		
29	16-Jul-18	Tuples		
30	17-Jul-18	Sets, Dictionaries		
31	18-Jul-18	Sequences		
32	20-Jul-18	Comprehensions		
33	21-Jul-18	Revision of Unit 3		
34	21-Jul-18	Tutorial	9	
35	23-Jul-18	Introduction to unit-4, Functions - Defining Functions, Calling Functions		
36	24-Jul-18	Passing Arguments, Keyword Arguments,		
37	25-Jul-18	Default Arguments, Variable-length arguments		
38	27-Jul-18	Anonymous Functions, Fruitful Functions(Function Returning Values),		
39	28-Jul-18	Scope of the Variables in a Function - Global and Local Variables		
40	28-Jul-18	Tutorial		
41	30-Jul-18	Modules: Creating modules		
42	31-Jul-18	import statement,		
43	1-Aug-18	from, Import statement		
44	3-Aug-18	name spacing		
45	4-Aug-18	Revision of Unit-1		
46	4-Aug-18	Revision of Unit-2		
47	6-Aug-18	Revision of Unit-3		
48	7-Aug-18	Previous Questions Explanaton		
49	8-Aug-18	Previous Questions Explanaton		
50	10-Aug-18	Revison		
51	11-Aug-18	Revison		
52	11-Aug-18	Revison		
53	13-Aug-18	Revision of unit-4		
54	14-Aug-18	unit-4 slip test	11	
55	17-Aug-18	unit-4 objective test and introduction to unit-5		
56	18-Aug-18	Python packages, Introduction to PIP		
57	18-Aug-18	Tutorial		
58	20-Aug-18	Installing Packages via PIP, Using Python Packages		
59	21-Aug-18	Object Oriented Programming OOP in Python: Classes		
60	24-Aug-18	self variable, Methods, Constructor Method		
61	25-Aug-18	Inheritance		
62	25-Aug-18	Tutorial		
63	27-Aug-18	Overriding Methods, Datahiding		
64	28-Aug-18	Error and Exceptions: Difference between an error and Exception, Handling Exception		
65	29-Aug-18	try except block		
66	4-Sep-18	Raising Exceptions		
67	5-Sep-18	User Defined Exceptions		
68	7-Sep-18	Revisiwn of Unit 5		
69	8-Sep-18	Tutorial		
70	8-Sep-18	Unit test -5		
71	10-Sep-18	VI	Unit-5 objective test, Introduction to Unit-6	10
72	11-Sep-18		Brief Tour of the Standard Library - Operating System Interface	
73	12-Sep-18		String Pattern Matching	
74	15-Sep-18		Mathematics, Internet Access, Dates and Times, Data Compression,	
75	15-Sep-18		Tutorial	
76	17-Sep-18		Multithreading	
77	18-Sep-18		GUI Programming	
78	19-Sep-18		Turtle Graphics	
79	22-Sep-18		Testing: Why testing is required ?, Basic concepts of testing	
80	22-Sep-18		Tutorial	
81	24-Sep-18	Unit testing in Python		
82	25-Sep-18	Writing Test cases, Running Tests		
83	26-Sep-18	Revision of Unit-6		
84	28-Sep-18	Revision of Unit-4		
85	29-Sep-18	Revision of Unit-5		
86	29-Sep-18	Tutorial		
87	1-Oct-18	Previous Questions Explanaton		
88	3-Oct-18	Previous Questions Explanaton		
89	5-Oct-18	Revison		
90	6-Oct-18	Revison		
91	6-Oct-18	Tutorial		
92	8-Oct-18	Revision		
93	9-Oct-18	Revision		
94	10-Oct-18	Revision		
95	12-Oct-18	Revision		
96	13-Oct-18	Revision		
97	13-Oct-18	Revision		
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Signature of Faculty

Signature of HOD