

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 -'B' 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	11-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	18-Jun-18		Tutorial	
7	20-Jun-18		Assignment, Keywords	
8	21-Jun-18		Input-Output Operations	
9	22-Jun-18		Indentation.	
10	23-Jun-18		Revision of Unit 1	
11	25-Jun-18		Unit Test-1	
12	25-Jun-18	II	Unit-1 objective test, Introduction to unit-2	7
13	27-Jun-18		Types - Integers, Strings, Booleans;	
14	28-Jun-18		Operators- Arithmetic , Comparison (Relational), Assignment, Logical, Bitwise	
15	29-Jun-18		Membership Operators, Identity Operators	
16	30-Jun-18		Expressions and order of evaluations	
17	2-Jul-18		Control Flow- if, if-elif-else, for, while	
18	2-Jul-18		Tutorial	
19	4-Jul-18		example programs	
20	5-Jul-18		break, continue, pass	
21	6-Jul-18		Revision of Unit 2	
22	7-Jul-18		Unit Test-2	
23	9-Jul-18	III	unit-2 objective test , introduction to unit-3	9
24	9-Jul-18		Tutorial	
25	11-Jul-18		List data structure	
26	12-Jul-18		Operations	
27	13-Jul-18		Slicing	
28	14-Jul-18		Methods	
29	16-Jul-18		Tuples	
30	16-Jul-18		Tutorial	
31	18-Jul-18		Sets, Dictionaries	
32	19-Jul-18		Sequences	
33	20-Jul-18		Comprehensions	
34	21-Jul-18	Revision of Unit 3		
35	23-Jul-18	IV	Introduction to unit-4, Functions - Defining Functions, Calling Functions	9
36	23-Jul-18		Tutorial	
37	25-Jul-18		Passing Arguments, Keyword Arguments,	
38	26-Jul-18		Default Arguments, Variable-length arguments	
39	27-Jul-18		Anonymous Functions, Fruitful Functions(Function Returning Values),	
40	28-Jul-18		Scope of the Variables in a Function - Global and Local Variables	
41	30-Jul-18		Tutorial	
42	30-Jul-18		Modules: Creating modules	
43	1-Aug-18		import statement,	
44	2-Aug-18		from, Import statement	
45	3-Aug-18		name spacing	
46	4-Aug-18	Revision of Unit-1		
47	6-Aug-18	Revision of Unit-2		
48	6-Aug-18	Revision of Unit-3		
49	8-Aug-18	MID-1	Previous Questions Explanaton	
50	9-Aug-18		Revison	
51	10-Aug-18		Revison	
52	11-Aug-18	Revison		
53	13-Aug-18	IV	Revision of unit-4	9
54	13-Aug-18		unit-4 slip test	
55	16-Aug-18	V	unit-4 objective test and introduction to unit-5	11
56	17-Aug-18		Python packages, Introduction to PIP	
57	18-Aug-18		Installing Packages via PIP, Using Python Packages	
58	20-Aug-18		Object Oriented Programming OOP in Python: Classes	
59	20-Aug-18		Tutorial	
60	23-Aug-18		self variable, Methods, Constructor Method	
61	24-Aug-18		Inheritance	
62	25-Aug-18		Overriding Methods, Datahiding	
63	27-Aug-18		Error and Exceptions: Difference between an error and Exception, Handling Exception	
64	27-Aug-18		Tutorial	
65	29-Aug-18		try except block	
66	30-Aug-18	Raising Exceptions		
67	31-Aug-18	User Defined Exceptions		
68	5-Sep-18	Revision of Unit 5		
69	6-Sep-18	Unit test -5		
70	7-Sep-18	VI	Unit-5 objective test, Introduction to Unit-6	10
71	8-Sep-18		Brief Tour of the Standard Library - Operating System Interface	
72	10-Sep-18		String Pattern Matching	
73	10-Sep-18		Tutorial	
74	12-Sep-18		Mathematics, Internet Access, Dates and Times, Data Compression,	
75	15-Sep-18		Multithreading	
76	17-Sep-18		GUI Programming	
77	17-Sep-18		Tutorial	
78	19-Sep-18		Turtle Graphics	
79	20-Sep-18		Testing: Why testing is required ?, Basic concepts of testing	
80	22-Sep-18		Unit testing in Python	
81	24-Sep-18	Writing Test cases, Running Tests		
82	24-Sep-18	Tutorial		
83	26-Sep-18	Revision of Unit-6		
84	27-Sep-18	Revision of Unit-4		
85	28-Sep-18	Revision of Unit-5		
86	29-Sep-18	MID-2	Tutorial	10
87	1-Oct-18		Previous Questions Explanaton	
88	1-Oct-18		Previous Questions Explanaton	
89	3-Oct-18		Revison	
90	4-Oct-18		Revison	
91	5-Oct-18		Tutorial	
92	6-Oct-18		Revision	
93	8-Oct-18		Revision	
94	8-Oct-18		Revision	
95	10-Oct-18		Revision	
96	11-Oct-18		Revision	
97	12-Oct-18	Revision		
98	13-Oct-18	Revision		
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Signature of Faculty

Signature of HOD