

St. Ann's College of Engineering & Technology: Chirala
Department of COMPUTER SCIENCE & ENGINEERING
LECTURE SCHEDULE

SUB: Python Programming

NAME: G. Prasuna

No. of Lectures per week: 5 + 1*(Tut)

ACADEMIC YEAR: 2019-20

YEAR & SEM/SECTION: II -I CSE-B

S. NO	DATE	UNIT	TOPICS	
1	10-Jun-19	I	Introduction:History of Python	1
2	11-Jun-19		Need of Python Programming, Applications	2
3	12-Jun-19		Basics of Python Programming Using the REPL(Shell)	3
4	13-Jun-19		Running Python Scripts	4
5	14-Jun-19		Variables	5
6	15-Jun-19		Tutorial	
7	17-Jun-19		Assignment, Keywords	6
8	18-Jun-19		Input-Output Operations	7
9	19-Jun-19		Indentation.	8
10	20-Jun-19		Unit 1 Revision through PPT	
11	21-Jun-19		Tutorial	
12	22-Jun-19		Unit Test-1	
13	24-Jun-19	II	Introduction to unit-2	1
14	25-Jun-19		Types - Integers, Strings, Booleans;	2
15	26-Jun-19		Operators- Arithmetic , Comparison (Relational), Assignment, Logical, Bitwise	3
16	27-Jun-19		Membership Operators, Identity Operators	4
17	28-Jun-19		Expressions and order of evaluations	5
18	29-Jun-19		Tutorial	
19	1-Jul-19		Control Flow- if, if-elif-else, for, while,	6
20	2-Jul-19		break, continue, pass	7
21	3-Jul-19		Unit II Revision through PPT	
22	4-Jul-19		Unit II Test	
23	5-Jul-19	III	Introduction to unit-3-Data Structures	1
24	6-Jul-19		Tutorial	
25	8-Jul-19		List data structure	2
26	9-Jul-19		Operations	3
27	10-Jul-19		Slicing	4
28	11-Jul-19		Methods	5
29	12-Jul-19		Tuples	6
30	15-Jul-19		Sets, Dictionaries	7
31	16-Jul-19		Sequences	8
32	17-Jul-19		Comprehensions	9
33	18-Jul-19		Unit 3 Revision through PPT	
34	19-Jul-19		Tutorial	
35	20-Jul-19		Unit III Test	
36	22-Jul-19	IV	Introduction to unit-4, Functions - Defining Functions, Calling Functions	1
37	23-Jul-19		Passing Arguments, Keyword Arguments,	2
38	24-Jul-19		Default Arguments, Variable-length arguments	3
39	25-Jul-19		Anonymous Functions, Fruitful Functions(Function Returning Values),	4

40	26-Jul-19		Scope of the Variables in a Function - Global and Local Variables	5
41	27-Jul-19		Tutorial	
42	29-Jul-19		Revision on Unit I	
43	30-Jul-19		Revision on Unit I	
44	31-Jul-19		Revision on Unit II	
45	1-Aug-19		Revision on Unit II	
46	2-Aug-19		Revision on Unit III	
47	3-Aug-19		Tutorial	
48	5-Aug-19	I Mid	Revision	
49	6-Aug-19		Revision	
50	7-Aug-19		Revision	
51	8-Aug-19		Revision	
52	9-Aug-19		Revision	
53	10-Aug-19		Revision	
54	13-Aug-19	Unit IV	Modules: Creating modules	6
55	14-Aug-19		import statement	7
56	16-Aug-19		from. Import statement	8
57	17-Aug-19		Tutorial	
58	19-Aug-19		name spacing	9
59	20-Aug-19		Python packages, Introduction to PIP	10
60	21-Aug-19		Installing Packages via PIP, Using Python Packages	11
61	22-Aug-19		Unit IV Revision through PPT	
62	26-Aug-19	Unit IV Slip Test		
63	27-Aug-19	Unit V	Unit V Object Oriented Programming OOP in Python: Classes	1
64	28-Aug-19		self variable, Methods, Constructor Method	2
65	29-Aug-19		Inheritance	3
66	30-Aug-19		Overriding Methods	4
67	31-Aug-19		Tutorial	
68	3-Sep-19		Data Hiding	5
69	4-Sep-19		Error and Exceptions: Difference between an error and Exception, Handling Exception	6
70	5-Sep-19		try except block	7
71	6-Sep-19		Raising Exceptions	8
72	7-Sep-19		Tutorial	
73	9-Sep-19		User Defined Exceptions	9
74	11-Sep-19		Unit V Revision through PPT	
75	12-Sep-19		Unit V Slip Test	
76	13-Sep-19	Unit VI	Introduction to Unit-6	1
77	16-Sep-19		Brief Tour of the Standard Library - Operating System Interface	2
78	17-Sep-19		String Pattern Matching	3
79	18-Sep-19		Mathematics, Internet Access, Dates and Times, Data Compression,	4
80	19-Sep-19		Multithreading	5
81	20-Sep-19		GUI Programming	6
82	21-Sep-19		Tutorial	
83	23-Sep-19		Turtle Graphics	7
84	24-Sep-19		Testing: Why testing is required ?, Basic concepts of testing	8
85	25-Sep-19		Unit testing in Python	9

86	26-Sep-19		Writing Test cases, Running Tests
87	27-Sep-19		Unit I,II Revision
88	28-Sep-19		Tutorial
89	30-Sep-19		Unit III Revision
90	1-Oct-19		Unit IV Revision
91	3-Oct-19		Unit V Revision
92	4-Oct-19		Unit VI Revision
93	5-Oct-19		Tutorial
94	7-Oct-19	II Mid	Revision
95	9-Oct-19		Revision
96	10-Oct-19		Revision
97	11-Oct-19		Revision
98	12-Oct-19		Revision

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Signature of the Faculty Member

Signature of HOD

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			Running Python Scripts
			Variables
			Assignment, Keywords
			Input-Output Operations
			Indentation.
			Revision of Unit 1
			Tutorial
			Unit Test-1
			Unit-1 objective test, Introduction to unit-2
			Types - Integers, Strings, Booleans;
			Operators- Arithmetic , Comparison (Relational), Assignment, I
			Membership Operators, Identity Operators
			Tutorial
			Expressions and order of evaluations
			Control Flow- if, if-elif-else, for, while,
			break, continue, pass
			Revision of Unit 2
			Tutorial
			Unit Test-2
			unit-2 objective test , introduction to unit-3
			List data structure
			Operations
			Slicing
			Methods
			Tutorial
			Tuples
			Sets, Dictionaries
			Sequences
			Comprehensions
			Revision of Unit 3
			Tutorila
			Introduction to unit-4, Functions - Defining Functions, Calling F
			Passing Arguments, Keyword Arguments,
			Default Arguments, Variable-length arguments
			Anonymous Functions, Fruitful Functions(Function Returning V

			Scope of the Variables in a Function - Global and Local Variab
			Tutorial
			Modules: Creating modules
			import statement,
			from. Import statement
			name spacing
			Revision of Unit-1
			Revision of Unit-2
			Revision of Unit-3
			Previous Questions Explanaton
			Previous Questions Explanaton
			Revison
			Revison
			Revison
			Revision of unit-4
			unit-4 slip test
			unit-4 objective test and introduction to unit-5
			Python packages, Introduction to PIP
			Tutorial
			Installing Packages via PIP, Using Python Packages
			Object Oriented Programming OOP in Python: Classes
			self variable, Methods, Constructor Method
			Inheritance
			Tutorial
			Overriding Methods, Datahiding
			Error and Exceptions: Difference between an error and Except
			try except block
			Raising Exceptions
			User Defined Exceptions
			Reviswion of Unit 5
			Tutorial
			Unit test -5
			Unit-5 objective test, Introduction to Unit-6
			Brief Tour of the Standard Library - Operating System Interface
			String Pattern Matching
			Mathematics, Internet Access, Dates and Times, Data Compre
			Tutorial
			Multithreading
			GUI Programming
			Turtle Graphics
			Testing: Why testing is required ?, Basic concepts of testing
			Tutorial
			Unit testing in Python
			Writing Test cases, Running Tests
			Revision of Unit-6
			Revision of Unit-4

			Revision of Unit-5
			Tutorial
			Previous Questions Explanaton
			Previous Questions Explanaton
			Revison
			Revision
			Tutorial
			Revision
			Revision
			Revision
			Revision
			Revision
			Revision

Faculty Member

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