



Fatima College

(Autonomous)

Mary Land, Madurai - 625018, Tamil Nadu.

DEPARTMENT OF INFORMATION TECHNOLOGY

1.3.2&1.3.3 VALUE ADDED COURSES

CRASH COURSE ON PYTHON PROGRAMMING

PROGRAM HIGHLIGHTS

- Interactive sessions
- Hands-on Training
- Easy to learn
- GUI Programming
- Promoted as a Programmer in short time

Learn Here And Shine Everywhere

Be a Web Developer



Just Rs:1000/-

Duration of

30 Hrs

Become A Web Developer

LEARN & EARN with EASE

Don't miss it.



DEPARTMENT OF INFORMATION TECHNOLOGY,
FATIMA COLLEGE (AUTONOMOUS), MADURAI



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DEPARTMENT OF INFORMATION TECHNOLOGY

CRASH COURSE

PYTHON PROGRAMMING - 19UGVAI2

No.	Course Outcome	Knowledge Level(According to Bloom's Taxonomy)
CO 1	Provides an basic concepts of python and its features.	K1
CO 2	Understands the input and output statements in python	K2
CO 3	Explores various control flow statements in python	K2
CO 4	How to create an List and arrays in python.	K3
CO 5	Develop various concepts in tuples in python	K5

UNIT - I : BASICS OF PYTHON PROGRAMMING:

[6HRS]

Structure of Python – Keywords – variable – comments- data types- Literals-Constants – Operators
– operator Precedence.

UNIT - II : PYTHON I/P &O/P STATEMENT:

[6HRS]

Input statement in Python – Output statement in Python – Python String Formatting Options – Python Math Library.

UNIT - III: PYTHON PROGRAMS ON CONTROL STATEMENT:

[6HRS]

Decision Making – if statement – if- else statement – if- else if – else Repetition Statement –

forloop

UNIT - IV :PYTHON LIST:

[6HRS]

Read a List Type from a keyboard – Accessing Elements of a List – Modifying Elements of a List – Basic List Operation - Built in function – List function – List Duplication and comparison of Two Lists.

UNIT -V : PYTHON PROGRAMS ON TUPLES:

[6HRS]

How to read a List Type from a keyboard- Accessing Elements of a Tuple – Modifying Elements of a Tuple- Deleting Elements of a Tuple – Basic Tuple Operation – Tuple Built-in Functions.

TEXT BOOK:

“PROBLEM SOLVING AND PYTHON PROGRAMMING” – S.A.KULKARNI,

Published by Yes Dee Publishing Pvt Ltd., Edition 2017., Printed at Repro Knowledgecast Limited, Thane.

REFERENCE BOOK:

1. Python Programming: An Introduction to Computer Science (3rd Edition)- JohnZelie
2. Problem solving and PYTHON Programming- P. Radha Ganesan.
3. Introduction to Computing & Problem Solving with Python-by Jeeva Jose (Author), Sojan P. Lal (Author)

WEB REFERENCE:

1. https://www.w3schools.com/python/python_reference.asp
2. <https://www.tutorialspoint.com/python/>
3. <https://www.guru99.com/python-tutorials.html>

COURSE DESIGNER: V.MAGESHWARI

Fatima College
(Autonomous)

பெயர்		2020 - 2021												2021 - 2022												மொத்தம்						
பெண்	ஆண்	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		25	26	27	28	29	30
01	M. Anura Basara	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
02	C. Anthe	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
03	M. Anu Santhya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
04	A. Archana	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
05	J. Athiwarth	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
06	A. Bhuvaneshwari	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
07	M. Divya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
08	K. Lakshya Dhanshini	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
09	V. Jithanya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	G. Jeniya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	A. Karthiga	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	L. Karthika	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	S. Karthika	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	G. Keerthana	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	A. Krishnarthi	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	K. Lachana	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	R. Lathini	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	C. Mahalakshmi	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	S. Manigam Beal	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	S. Prasanna Priya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	S. Priyanka	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	P. Rajalakshmi	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	M. Raji	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	B. Rangalakshmi	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	T. Sathya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	K. Sathya	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	K.K. Shalini	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	K.M.L. Sweetha	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	M.B.P. Sweetha	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	M. Azhakeshwari	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	M. Jayashanthini	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32	N. Shapika	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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DEPARTMENT OF IT



FATIMA COLLEGE (Autonomous)

Re-Accredited with 'A' Grade by NAAC (3rd Cycle)

College with Potential for Excellence

Mary Land, Madurai - 625018

This is to certify that Ms. K. LOCHANA
has successfully completed the Value Added Crash Course on

PYTHON PROGRAMMING

during the academic year 2020 - 2021 and has been
awarded Distinction / First / Second class.

Dr. Sr. G. Celine Sahaya Mary

Dr. Sr. G. Celine Sahaya Mary
Principal

[Signature]

Head of the Department

[Signature]

Co-ordinator