ONE WEEK WORKSHOP

ON

"PYTHON PROGRAMMING"

BY

Mr. R Ramireddy & Mr. N. Ravikumar,

Trainers, APSSDC

Date: 06-01-2020 To 11-01-2020

Targetted Students: III CSE Students

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROBLEM SOLVING WITH PYTHON CERTIFICATION

BY

R.Rami reddy,N.Ravi Kumar,P.Anil and P.Kalyana Chakravarthi

Trainers,APSSDC

ON

06-01-2020 TO 11-01-2020

Dr. G.Prabhukanna
HOD-CSE

Dr .NAVEEN KILARI
PRINCIPAL

VEMU INSTITUTE OF TECHNOLOGY

P.KOTHAKOTA,TIRUPATI-CHITTOOR HIGHWAY, CHITTOOR,AP

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Tirupathi – Chittoor Highway, P.Kothakota, Pakala – 517 112

DEPARTMENT OF CSE

03-01-2020

CIRCULAR

This is to here by inform that all the III B.Tech CSE students, Our Department is going to conduct workshop on "**Python programming**" in associate with APSSDC from 06-01-2020 to 11-01-2020. So, all the students have to attend the 6 days program without fail. And also we will provide the certificate for those who are attended workshop.

(Dr. G. PRABU KANNA)
Assoc. Professor & HOD CSE

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Copy to

1. Chairman sir for kind information
2. Principal sir for kind information
3. III CSE Faculty's
4. III CSE Classrooms
5. CSE Department Faculty's

Event Name: Problem Solving Python Programing   **Dates** 06/01/2020 to 11/01/2020

S.No	Roll Number	Name	6-Jan	7-Jan	8-Jan	9-Jan	10-Jan	11-Jan	Signature
1	174M1A0501	A Sumiya	✓	✓	✓	✓	✓	✓	Sumiya
2	174M1A0502	A Thushitha	✓	✓	✓	✓	✓	✓	Thushitha
3	174M1A0503	Adivilaiahgari Lavanya	✓	✓	✓	A	✓	✓	Lavanya
4	174M1A0504	Agarapu Nikhitha	✓	✓	✓	✓	✓	✓	Nikitha
5	174M1A0505	Anagallu Vinith	✓	✓	✓	✓	✓	✓	A.Vinith
6	174M1A0506	B Chandu Priya	✓	A	✓	✓	✓	✓	B.chanduprya
7	174M1A0507	B Dileep	✓	✓	✓	✓	✓	✓	B.Dileep
8	174M1A0508	B Hareesh	✓	✓	✓	✓	✓	✓	B.Haresh
9	174M1A0509	Badepalli Venugopal Reddy	✓	✓	✓	✓	✓	✓	B.Ou
10	174M1A0510	Bala Nagaveni	✓	✓	✓	✓	✓	✓	B.Nagaveni
11	174M1A0511	Bandollu Bhuvaneshwari	✓	✓	✓	✓	✓	✓	Bob
12	174M1A0512	Bapanapalle Krishnababu	✓	✓	✓	✓	✓	✓	B.Kab
13	174M1A0513	Berangi Reena	✓	✓	✓	✓	✓	✓	Reena B
14	174M1A0514	Bhogam Sandhya	✓	✓	✓	✓	✓	✓	B.Sandhya
15	174M1A0515	Bikkisetty Prasad	✓	✓	✓	✓	✓	✓	prasad
16	174M1A0516	Bollineni Harika	A	✓	✓	✓	A	✓	B.Harika
17	174M1A0517	Bollineni Reddyprakash	✓	✓	A	✓	✓	✓	B.Re
18	174M1A0518	Bottu Chandu Rao	✓	✓	✓	✓	✓	✓	C.rthu
19	174M1A0519	C Hanisha	✓	✓	✓	✓	✓	✓	C.Hanisha
20	174M1A0520	C Ishaq Basha	A	✓	✓	✓	✓	✓	C.Ihaq
21	174M1A0521	C Rajitha	✓	✓	✓	✓	✓	✓	C.Rajitha
22	174M1A0522	C Sowmya	✓	✓	✓	✓	✓	✓	C.Sowmya
23	174M1A0523	Cherukuri Kavya	✓	✓	✓	✓	✓	✓	Kavya
24	174M1A0524	Chippili Gopalakrishna	✓	✓	✓	✓	✓	A	D.Yas
25	174M1A0526	D Yaswanth	✓	✓	✓	✓	✓	✓	D.Yaswanth
26	174M1A0528	E Jyothsna	✓	✓	✓	✓	✓	✓	E.Jyothsna
27	174M1A0529	E Vaishnavi	✓	✓	✓	✓	✓	✓	Vaishnavi
28	174M1A0530	Ellelacheruvu Rehana Begum	✓	✓	✓	✓	✓	✓	E.vaishnavi
29	174M1A0531	G Lahari	✓	✓	✓	✓	✓	✓	G.Lahari
30	174M1A0532	G M Bhargav	✓	✓	✓	✓	✓	✓	G.M.B
31	174M1A0533	G Mounika	✓	✓	✓	✓	✓	✓	G.Mounika
32	174M1A0534	G S Surekha Reddy	✓	✓	A	✓	✓	✓	G.S.surekhareddy
33	174M1A0535	G Sai Kumar	✓	✓	✓	✓	✓	✓	G.Saikumar
34	174M1A0536	G Syed Abdullah	✓	✓	✓	✓	✓	✓	Syed abdullah
35	174M1A0538	Gaguturu Mohammad Huzair	✓	✓	✓	✓	✓	✓	Muhammad
36	174M1A0539	Gali Dilliprasad Reddy	✓	✓	✓	✓	✓	✓	Dilliprasad
37	174M1A0540	Gorajala Prashanth	✓	✓	✓	✓	✓	✓	Prashanth
38	174M1A0541	Gudeli Yamini	✓	✓	✓	✓	✓	✓	G.Yamini

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S.No	Roll No	Name							Signature
39	174M1A0542	K Pavan Kumar	✓	✓	✓	✓	✓	✓	Pavan Kumar
40	174M1A0543	K Ritish Kumar	✓	✓	✓	✓	✓	✓	K.Ritish Kr
41	174M1A0544	Kadimpati Yuvarajulu	✓	✓	✓	✓	✓	✓	Yuvaraju
42	174M1A0545	Kalakata Revathi	✓	A	✓	✓	✓	A	K.Revathi
43	174M1A0546	Kamasani Kavitha	✓	✓	✓	✓	✓	✓	Kavitha
44	174M1A0547	Kanchukomala Mounika	✓	✓	✓	✓	✓	✓	Mouni
45	174M1A0548	Katam Komala	A	✓	✓	✓	✓	✓	Komala
46	174M1A0549	Kommineni Dharani	✓	✓	✓	✓	✓	✓	Dharani
47	174M1A0550	Lebaku Lakshmi Reddy	✓	✓	✓	✓	✓	✓	Lake
48	174M1A0551	Likki Triveni	✓	✓	✓	✓	✓	✓	Trivi
49	174M1A0552	Lingala Riteesh Reddy	✓	✓	✓	✓	✓	✓	Ritesh
50	174M1A0553	M Bhavana	✓	✓	✓	✓	✓	✓	M.Babu
51	174M1A0554	M Gowthami	✓	✓	A	✓	✓	✓	Gowthami
52	174M1A0555	M Mahalakshmi	✓	✓	✓	A	✓	A	Maha
53	174M1A0556	M Niharika	✓	✓	✓	✓	✓	✓	M.Nihari
54	174M1A0557	M Prasad	✓	✓	✓	✓	✓	✓	M.Prasad
55	174M1A0558	M Preethi	✓	✓	✓	✓	✓	✓	M.Preethi
56	174M1A0559	M S Bindu Priya	✓	✓	✓	✓	✓	✓	M.Bindu
57	174M1A0561	M Sivaiah	✓	✓	✓	✓	✓	✓	M.Siv
58	174M1A0562	Modupalli Vaishnavi	✓	✓	✓	A	✓	✓	Vaish
59	174M1A0563	Mallichetla Sumasree	✓	✓	✓	✓	✓	✓	Suma
60	174M1A0564	M Bhanu Prakash	✓	A	✓	✓	✓	✓	Bhanu
61	174M1A0565	Matam Bhavya	✓	✓	✓	✓	✓	✓	Matam bhavya
62	174M1A0566	Matavalam Suma	✓	✓	✓	✓	✓	✓	S
63	174M1A0567	Mavillapalle Hema	✓	✓	✓	✓	✓	✓	Hema
64	174M1A0568	Melpadi Jeevithesh Sai	✓	✓	A	✓	✓	✓	M.Jee
65	174M1A0569	Minchala Sivakrishna	✓	✓	✓	✓	✓	✓	Siva
66	174M1A0571	Mukkasa Venumadhav	✓	✓	✓	✓	✓	✓	Venu
67	174M1A0572	N Dhana Sekhar Reddy	✓	✓	✓	✓	✓	✓	Reddy
68	174M1A0573	N Sruthi	✓	✓	A	✓	✓	✓	N.Sruthi
69	174M1A0574	Nagineni Rekha	✓	✓	✓	A	✓	✓	N.Rekha
70	174M1A0575	P Boomika	✓	✓	✓	✓	✓	✓	Boomika
71	174M1A0576	P Chethana	A	✓	A	✓	✓	A	Chethana
72	174M1A0577	P Gayathri	✓	✓	✓	✓	✓	✓	Gayathri
73	174M1A0578	P Jyothsna Kumari	✓	✓	✓	✓	✓	✓	Jyoth
74	174M1A0579	P Naveen	✓	✓	✓	✓	✓	✓	P.Naveen
75	174M1A0580	P Sravani	✓	A	✓	✓	✓	✓	P.Sravani
76	174M1A0581	P Surekha	✓	✓	✓	✓	✓	✓	P.Surekha
77	174M1A0584	Palyam Charankumar	✓	✓	✓	✓	A	✓	Charan
78	174M1A0585	Palyam Manojkumar	✓	✓	✓	✓	✓	✓	Mano
79	174M1A0586	Pappu Sharathkumar Reddy	✓	✓	✓	✓	✓	✓	Reddy
80	174M1A0587	Pediveedu Sateesh	✓	✓	A	✓	✓	✓	P.Sateesh
81	174M1A0588	P Jyothi Prakash Reddy	✓	✓	✓	✓	✓	✓	Reddy
82	174M1A0589	Ramisetti Reddytejaswini	✓	✓	✓	✓	✓	✓	Reddy
83	174M1A0590	S Afrin	✓	✓	✓	✓	✓	✓	S.Afrin
84	174M1A0591	S Dharani	✓	✓	A	✓	✓	✓	Dharani
85	174M1A0592	S Hema	✓	✓	✓	✓	✓	✓	S.Hema

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86	174M1A0593	S Kavitha	✓	✓	✓	✓	✓	✓	Ekalpilla Rajukumi
87	174M1A0594	S Roja Rani	✓	✓	✓	✓	✓	✓	S Shobha
88	174M1A0595	S Shobha	✓	✓	✓	✓	✓	✓	S Shobha
89	174M1A0596	Saddala Udayasri	✓	✓	✓	✓	✓	✓	Uday—
90	174M1A0597	S Vanitha	✓	✓	✓	✓	✓	✓	S Vanitha
91	174M1A0598	Sanapureddy Siva Reddy	✓	✓	✓	✓	✓	✓	Siva
92	174M1A0599	Shaik Suhel	✓	✓	✓	A	✓	A	suhel
93	174M1A05A0	Sundar Rajan Nikhee	✓	✓	✓	✓	✓	✓	Nikhe
94	174M1A05A1	Syed Mansoor	✓	✓	✓	✓	A	✓	Syed mansoor
95	174M1A05A2	Terala Purna Sindhu	✓	✓	✓	✓	✓	✓	Sindhu
96	174M1A05A3	Thalari Thejesh	✓	✓	✓	✓	✓	✓	T. Swathi
97	174M1A05A4	Thoka Swathi	✓	✓	✓	✓	✓	✓	Swathi
98	174M1A05A5	Thoti Indirapriyadarshini	✓	✓	✓	✓	✓	✓	Indhra
99	174M1A05A6	Tipirisetti Venkata Satya	✓	✓	✓	✓	✓	✓	Balu
100	174M1A05A7	V Balu	✓	✓	✓	✓	✓	✓	V. Balu
101	174M1A05A8	V Chandrika	✓	✓	✓	✓	✓	✓	chandrika
102	174M1A05A9	V Girish Kumar	✓	A	✓	✓	✓	✓	Girish
103	174M1A05B0	V Kavitha	✓	✓	✓	✓	✓	✓	V.kavitha
104	174M1A05B1	V Kusuma	✓	✓	✓	✓	A	✓	V. Kusuma
105	174M1A05B2	V Lohith Reddy	✓	✓	✓	✓	✓	✓	V.Lohith Reddy
106	174M1A05B3	Vajrala Arshiya	✓	✓	✓	✓	✓	✓	V. Arshiya
107	174M1A05B4	Vankayala Yogesh Kumar	✓	✓	A	✓	✓	✓	Yogesh
108	174M1A05B5	Vathyaram Harish	✓	✓	✓	✓	✓	✓	Harish
109	174M1A05B6	Venkata Krishna Reddy Mundla	✓	✓	✓	A	✓	✓	
110	174M1A05B7	Vuppalapati Bhuvanesh	✓	✓	✓	✓	✓	✓	
111	174M1A05B8	Y Divya Sree	✓	✓	✓	✓	✓	✓	Y.Divyasree
112	174M1A05B9	Y Gunasree	✓	✓	✓	✓	✓	✓	Gunasree

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Department of Computer Science and Engineering

REPORT

Event Type	Workshop
Title of the Event	Problem Solving with Python-Certification
Dates	06/01/2020 to 11/01/2020
Event Duration	6 Days(6*6=36 Hours)
Resource Persons	R.Rami reddy,N.Ravi Kumar,P.Anil,P.Kalyana Chakravarthi Trainers,APSSDC
Venue	Lab-I and Lab-II
Benefited Audience	III B.Tech Students
Number of Students Registered	112
Description about the Event	**Problem solving using python** Department of Computer Engineering has organized Five day Workshop on "**Problem Solving with Python**". At 10.00am all 3rd CSE Students, gathered in seminar hall. The program was started with the welcome speech by HOD, Resource persons Introduction was given by A.Sumiya. The Session has been started by **Mr R.RamiReddy, Mr N.Ravi Kumar, Mr P.Anil, Mr P.Kalyana Chakravarthi** . The main objective of the workshop is to provide awareness related to master the fundamentals of writing Python scripts, Learn core Python scripting elements such as variables and flow control structures , Discover how to work with lists and sequence data and Write Python functions to facilitate code reuse. A Thirty hours instructor led live hands-on based learning with quiz, query resolving sessions with Python experts. Installation guidelines to be provided by our team prior to the workshop and Covered the following topics

DAY 1	
Hour	
9:00 AM - 10:45 AM	Inauguration,Registrations,Introduction
11:00 AM - 12:30 PM	Literate Programming Jupyter Notebook Environment
1:30 PM - 2:30 PM	Markdown format for documentation
2:30 PM - 4:45 PM	Python basics
DAY 2	

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Department of Computer Science and Engineering

Hour	Topic name
9:00 AM - 10:45 AM	String Slicing, functions with examples
11:00 AM - 12:30 PM	Python Functions
1:30 PM - 2:30 PM	Conditional Statements Iteration
2:30 PM - 4:45 PM	Lists

DAY 3

Hour	Topic name
9:00 AM - 10:45 AM	Tuples, Sets
11:00 AM - 12:30 PM	Dictionaries
1:30 PM - 2:30 PM	Packages and Modules
2:30 PM - 4:45 PM	Regular Expression

DAY 4

Hour	Topic name
9:00 AM - 10:45 AM	File Handling
11:00 AM - 12:30 PM	File Data Processing
1:30 PM - 2:30 PM	List or Dictionary or Tuples Comprehension
2:30 PM - 4:45 PM	Iterators Generators

DAY 5

Hour	Topic name
9:00 AM - 10:45 AM	Maps Filters
11:00 AM - 12:30 PM	Lambda
1:30 PM - 2:30 PM	Numpy
2:30 PM - 4:45 PM	Pandas

DAY 6

Hour	Topic name
9:00 AM - 10:45 AM	Pandas
11:00 AM - 12:30 PM	Data Visualisation using Matplotlib library
1:30 PM - 2:30 PM	AWS
2:30 PM - 4:45 PM	AWS

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Department of Computer Science and Engineering

	The session was interactive and Instructors has clarified all the doubts raised by students. Finally the program was ended with giving vote of thanks by Workshop coordinator P.Ramesh.
Photos	
Outcomes	After successful completion of the course participants learned: 1. Learn how to design and program Python applications. 2. Understand why Python is a useful scripting language for developers. 3. Learn how to use lists, tuples, and dictionaries in Python programs. 4. Learn how to identify Python object types.

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