ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar – 574225, Moodbidri.
Dakshina Kannada Karnataka, India.

Department of Electronics and Communication Engineering

A Report on

Python Programming (SDP)

2018-19

Ref/AIET/ECE/CC/2018-19/002

Date: 21-09-2018

From,

Dr. D V Manjunatha
Head of the Department
E & C Engineering
Alva's Institute of Engineering and Technology
Moodbidri.

To,

The Principal
Alva's Institute of Engineering and Technology
Moodbidri.

Respected Sir,

Sub: Requisition for Conducting Certification Course for 5 days reg:-

With reference to the above subject, we are planning to conduct a certification course for 2nd year students on the topic **"Python programming"** by from October 23rd 2018 to October 27th 2018 for 5 days.

So I kindly request you to grant the permission for conducting the certification course.

Thanking you

Your's faithfully

Dr. D V Manjunatha
Head of the Department
H. O. D.
Dept. Of Electronics & Communication
Alva' Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

Dr. Peter Fernandes
The Principal
AIET Moodbidri
PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K

From,

    Dr. D V Manjunatha
    Head of the Department
    E & C Engineering
    Alva's Institute of Engineering and Technology
    Moodbidri.

To,

    Dr. Mohideen Badhushah
    Professor, Dept of CSE
    AIET, Mijar

Respected Sir,

Sub: Invitation for Conducting Certification Course -reg.

    With reference to the above subject, we are planning to conduct a certification course for 3rd semester students on the topic "Python programming" from 23/10/19 to 27/10/19.

So I kindly request you to accept the invitation and enhance the programming skill of our students.

Thanking you

                                      Your's faithfully

26-09-2018

Moodbidri
                                 Dr. D V Manjunatha
                                 Head of the Department

                                     H. O. D.
                   Dept. Of Electronics & Communication
                   Alva's Institute of Engg. & Technology
                   Mijar, MOODBIDRI - 574 225

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dept. of Electronics and Communication Engineering

Certification Course
On

"Python Programming"

To,

....

....

Dept. of Electronics and Communication Engineering

We cordially invite you to the

Certification Course
On

"Python Programming"

By

Dr. S . Mohideen Badhusha
CSE DEPT,AIET
Moodbidri

Venue:Network Lab
Date:23rd to 27th October 2018

Mr. Santhosh S
Staff Coordinators

Dr. D V Manjunatha
HOD

About the Institution

Alva's Institute of Engineering & Technology (AIET) is a premier Engineering Institute of Alva's Education Foundation established in the year 2008.

AIET is recognized by All India Council for Technical Education (AICTE), New Delhi and affiliated to Visvesvaraya Technological University (VTU), Belgaum, approved by Govt. of Karnataka. Ranked as one of the best Technical Institute in Dakshina Kannada region.

AIET has established Multi-Disciplinary Research Centers viz Center for Robotics, Research center for Basic Science, Center for Small Satellite Research, Center for Nanomaterial's & MEMS, CAD Center, Apple Lab, Linux Lab. AIET has Several Sponsored research Projects funded by different reputed National Funding Agencies like DST, KSCST,DIT, AICTE, ISRO,VGST, IEEE, RESPOND,VTU etc.

About the Department

Department of Electronics & Communication was started in the year 2008-09. ECE branch is concerned with the design, development, manufacture and application of electronic devices, circuits and systems. It plays great emphasis on deep understanding of fundamental principles and state of the art knowledge about Electronic Devices and Circuits, Computer Architecture and Microprocessors, VLSI and Embedded systems, Electromagnetic Field Theory, Analog and Digital Communication, Digital Signal Processing, Microwave and Broadband Communications, MEMS Research and Development Lab. The department has well-qualified and experienced faculty which includes Three Doctorates, Seven faculty are pursuing Ph.D. and Remaining faculty are Post-Graduates.

Scope of the Course

The aim of the course imparts the knowledge of Implementation of applications in Python Using GUI,SQlite,MySQL and XML. It enables learners to master the concepts of different real-life applications using Python.The course also provides hands-on training to help you write and test your coding skill, and offers a creative idea in solving problems using python program.

Python is one of the top 10 popular programming languages of 2017. Python is a general purpose and high level programming language.There are many IT companies which use Python Programming especially indeveloping desktop GUI applications, websites and web applications. From job's perspective, Python Programming would be beneficial for future. Various jobs exist for students certified with this course in various fields such as in MNC's, BPOs, KPOs, Government and Private Organizations etc.

Course Content

1. Data Types Keywords, Variables.
2. Basic Programming constructs in Python.
3. Operators, Control Statements and Loops.
4. Array handling and String handling.
5. Advanced programming constructs in Python.
6. Pointers,Structures and Unions.
7. File Handling.
8. Dynamic Memory Allocation.

RESOURSE PERSON
Dr. S . Mohideen Badhusha
CSE DEPT,AIET
Moodbidri

PROGRAM SCHEDULE

October 23, 2018

Inauguration:	09:00 am to 10:00 am
Tea Break:	10:00 am to 10:30 am
Session 1:	10:30 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 2:	02:00 pm to 05:00 pm

October 24

Session 3:	09.30 am to 11:00 am
Session 4:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 5:	02:00 pm to 05:00 pm

October 25

Session6:	09.30 am to 11:00 am
Session 7:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 8:	02:00 pm to 05:00 pm

October 26

Session 9:	09.30 am to 11:00 am
Session 10:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 11:	02:00 pm to 05:00 pm

October 27

Session 12:	09.30 am to 11:00 am
Session 13:	11.20 am to 01.00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 14:	02:00 pm to 04:00 pm
Valedictory:	04:00 pm to 05:00 pm

Department of Electronics and Communication Engineering

Date: 1/10/2018

Circular

It is hereby informed that the department of ECE is conducting Certification program for 3rd Semester students on the topic "Python Programming" by Dr.S.Mohideen Badhusha, Professor, Dept CSE, AIET from 23rd October 2018 to 27th October 2018. For further details meet the coordinator.

Coordinator
Mr.Santhosh S

HOD
Dr. D V Manjunatha
H. O. D.
Dept. Of Electronics & Communication
Alva' Institute of Engg & Technology
Mijar, MOODBIDRI -574 225

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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Phone: 08258-262725, Fax: 08258-262726

Circular

It is hereby informed to all the students to attend the training from 9.00am to 5.00pm without fail.

III- SEMESTER STUDENT LIST FOR CERTIFICATION COURSE

Sl.No	USN	NAME
1	4AL16EC037	MIRZA
2	4AL16EC101	RAVITEJA
3	4AL17EC001	ABHISHEK
4	4AL17EC002	ABHISHEK M SHASTRY K
5	4AL17EC003	ABHISHEK VASUDEV MAHENDRAKAR
6	4AL17EC004	AJITHA
7	4AL17EC005	AKSHAN SANDEEP D SOUZA
8	4AL17EC006	AKSHATHA M DESHPANDE
9	4AL17EC007	AKSHATHA RANGANATH
10	4AL17EC008	AKSHAY
11	4AL17EC009	BHAVITH
12	4AL17EC010	BHOOMIKA RAMACHANDRA HEBBAR
13	4AL17EC011	BINDUSHRI
14	4AL17EC012	BRUNDA H Y
15	4AL17EC013	BRUNDA P D
16	4AL17EC015	CHANDAN C
17	4AL17EC018	CHANDANA G S
18	4AL17EC020	CHANNABASAVA
19	4AL17EC021	CHETHAN KUMAR
20	4AL17EC023	DARSHAN H B
21	4AL17EC024	DEEKSHA J ACHARYA
22	4AL17EC025	DHAMINI C L
23	4AL17EC026	DHANYA SHETTY
24	4AL17EC027	DHAVALA
25	4AL17EC029	DISHA
26	4AL17EC030	DIVYASHREE L V
27	4AL17EC031	DIVYASHRI BAHUBALI SAMAJAGE
28	4AL17EC032	GAGAN M K
29	4AL17EC033	HARAVI SOUJANYA BALAPPA
30	4AL17EC034	HARSHA P
31	4AL17EC035	HEMALATHA SANIL
32	4AL17EC036	JAGADEESHA HEGDE
33	4AL17EC037	JYOTI DONUR

34	4AL17EC038	K MUTHU
35	4AL17EC039	KARAJAGI VISHAL PAWADI
36	4AL17EC040	KAVYA M M
37	4AL17EC041	KISHAN SHETTY
38	4AL17EC042	KISHORE N
39	4AL17EC043	LAVANYA B
40	4AL17EC044	LEPAKSHI T V
41	4AL17EC045	M V RAMYA
42	4AL17EC046	MADIWALAR AKSHATA NINGAPPA
43	4AL17EC047	MADUGONDE MANJUNATHA
44	4AL17EC048	MAHESH H
45	4AL17EC049	MAMATHA V R
46	4AL17EC050	MANJUNATHA H K
47	4AL17EC051	MAYYA SHARATHKUMAR
48	4AL17EC053	MOHANABABU D G
49	4AL17EC054	MONICA S
50	4AL17EC055	MOUNITHA D M
51	4AL17EC057	NAGAGANESH N
52	4AL17EC058	NAMRATHA J NAIR
53	4AL17EC060	NAVYA
54	4AL17EC061	NICHENAMETLA BHARGAVI
55	4AL17EC062	NIHARIKA NARAYANA L
56	4AL17EC063	NISHANTHA V R
57	4AL17EC064	P V SAI SURAKSHA
58	4AL17EC065	PADMASHREE B S
59	4AL17EC066	PADMINI M
60	4AL17EC068	PAVITHRAN S
61	4AL17EC069	PERSIS P
62	4AL17EC070	POOJA K S
63	4AL17EC071	POORVI H J
64	4AL17EC072	PRAGATI M KUNDALKAR
65	4AL17EC073	PRAJWAL KAMAGETHI CHAKRAVARTI PL
66	4AL17EC074	PRASHANTHA NAIK
67	4AL17EC075	PRINCIA MELITA DSOUZA
68	4AL17EC076	RAJESHWARI GADAGI
69	4AL17EC077	RASHMITHA
70	4AL17EC079	ROHAN SHETTY
71	4AL17EC080	ROSHNI A B
72	4AL17EC083	SAHANA S R
73	4AL17EC084	SANKETHA S ACHARYA
74	4AL17EC085	SHARON CAROL PEREIRA
75	4AL17EC086	SHILPA C

76	4AL17EC087	SHIVALINGAPPA SHIVAPUTRANAVI
77	4AL17EC090	SUSHMITHA R NAIK
78	4AL17EC091	SWASTIK R GOWDA
79	4AL17EC092	VARSHITHA S
80	4AL17EC093	VARUN G SHETTY
81	4AL17EC095	VIDUL SAMBHAJI CHAVAN
82	4AL17EC096	YALPI NANDIKA
83	4AL17EC097	YAMUNASHREE N
84	4AL17EC098	YASHASWINI R
85	4AL17EC099	YASHWITHA C N
86	4AL17EC100	YATHISH S RAO
87	4AL17EC101	BINDU N R
88	4AL17EC102	SUSHMITHA
89	4AL17EC103	SACHIN
90	4AL17EC104	S NIKHIL TEJASWI
91	4AL17EC105	AKASH
92	4AL17EC106	HARSHITHA T
93	4AL17EC107	K B KUSHI
94	4AL17EC108	RACHANA
95	4AL18EC400	SUSHANT POOJARY

Mr.Santosh S
Co-ordinator

Dr. D V Manjunatha
HOD

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Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

III- SEM A SEC Attendance details of python programming certification course-Batch 1

Sl.No	USN	NAME	23/10	23/10	24/10	24/10	25/10	25/10	26/10	26/10	27/10	27/10								
1	4AL16EC037	MIRZA	1	2	3	4	5	6	7	8	9	10								
2	4AL16EC101	RAVITEJA	1	2	3	4	5	6	7	8	9	10								
3	4AL17EC001	ABHISHEK	1	2	A	3	4	5	6	7	8	9								
4	4AL17EC002	ABHISHEK M SHASTRY K	1	2	3	4	5	6	7	8	9	10								
5	4AL17EC003	ABHISHEK VASUDEV M	1	2	3	4	5	6	7	8	9	10								
6	4AL17EC004	AJITHA	1	2	3	4	5	6	A	7	8	9								
7	4AL17EC005	AKSHAN SANDEEP D SOUZA	1	2	3	4	5	6	7	8	9	10								
8	4AL17EC006	AKSHATHA M DESHPANDE	1	2	3	4	5	6	7	8	9	10								
9	4AL17EC007	AKSHATHA RANGANATH	1	2	3	4	5	6	7	8	9	10								
10	4AL17EC008	AKSHAY	1	2	3	4	5	6	7	8	9	10								
11	4AL17EC009	BHAVITH	1	2	3	A	4	5	6	7	8	9								
12	4AL17EC010	BHOOMIKA RAMACHANDRA H	1	2	3	4	5	6	7	8	9	10								
13	4AL17EC011	BINDUSHRI	1	2	3	4	5	6	7	8	9	10								
14	4AL17EC012	BRUNDA H Y	1	2	3	4	5	6	T	8	9	10								
15	4AL17EC013	BRUNDA P D	1	2	3	4	5	6	7	8	9	10								
16	4AL17EC015	CHANDAN C	1	2	3	4	5	6	7	8	A	9								
17	4AL17EC018	CHANDANA G S	1	2	3	4	5	6	7	8	9	10								
18	4AL17EC020	CHANNABASAVA	1	2	3	4	5	6	7	8	9	10								
19	4AL17EC021	CHETHAN KUMAR	1	2	3	4	5	6	7	8	9	10								
20	4AL17EC023	DARSHAN H B	1	2	3	4	5	6	7	8	9	10								
21	4AL17EC024	DEEKSHA J ACHARYA	1	2	3	4	5	6	7	8	9	10								
22	4AL17EC025	DHAMINI C L	1	2	A	3	4	5	6	7	8	9								
23	4AL17EC026	DHANYA SHETTY	1	2	3	4	5	6	7	8	9	10								
24	4AL17EC027	DHAVALA	1	2	3	4	5	6	7	8	9	10								
25	4AL17EC029	DISHA	1	2	3	4	5	6	7	8	9	10								
26	4AL17EC030	DIVYASHREE L V	1	2	3	4	5	6	7	8	9	10								
27	4AL17EC031	DIVYASHRI BAHUBALI S	1	2	3	4	5	6	7	8	A	9								

28	4AL17EC032	GAGAN M K	1	2	3	4	5	6	7	8	9	10									
29	4AL17EC033	HARAVI SOUJANYA BALAPPA	1	2	3	4	5	6	7	8	9	10									
30	4AL17EC034	HARSHA P	1	2	3	A	4	5	6	7	8	9									
31	4AL17EC035	HEMALATHA SANIL	1	2	3	4	5	6	7	8	9	10									
32	4AL17EC036	JAGADEESHA HEGDE	1	2	3	4	5	6	7	8	9	10									
33	4AL17EC037	JYOTI DONUR	1	2	3	4	5	6	7	8	9	10									
34	4AL17EC038	K MUTHU	1	2	3	4	5	6	7	A	8	9									
35	4AL17EC039	KARAJAGI VISHAL PAWADI	1	2	3	4	5	6	7	8	9	10									
36	4AL17EC040	KAVYA M M	1	2	3	4	5	6	7	8	9	10									
37	4AL17EC041	KISHAN SHETTY	1	2	3	4	5	6	7	8	9	10									
38	4AL17EC042	KISHORE N	1	2	3	4	5	6	7	8	9	10									
39	4AL17EC043	LAVANYA B	1	A	2	3	4	5	6	7	8	9									
40	4AL17EC044	LEPAKSHI T V	1	2	3	4	5	6	7	8	9	10									
41	4AL17EC045	M V RAMYA	1	2	3	4	5	6	7	8	9	10									
42	4AL17EC046	MADIWALAR AKSHATA N	1	2	3	4	5	6	7	8	9	10									
43	4AL17EC047	MADUGONDE MANJUNATHA	1	2	3	4	5	6	7	8	9	10									
44	4AL17EC048	MAHESH H	1	2	3	4	5	A	6	7	8	9									
45	4AL17EC049	MAMATHA V R	1	2	3	4	5	6	7	8	9	10									
46	4AL17EC050	MANJUNATHA H K	1	2	3	4	5	6	7	8	9	10									
47	4AL17EC051	MAYYA SHARATHKUMAR	1	2	3	4	5	6	7	8	9	10									
48	4AL17EC053	MOHANABABU D G	1	2	3	4	5	6	7	8	9	10									
49	4AL17EC054	MONICA S	1	2	3	4	5	6	7	8	9	10									
50	4AL17EC055	MOUNITHA D M	1	2	3	4	5	6	7	8	9	10									
51	4AL17EC057	NAGAGANESH N	1	2	3	4	5	6	7	8	9	10									
52	4AL17EC058	NAMRATHA J NAIR	1	2	A	3	4	5	6	7	8	9									
53	4AL17EC060	NAVYA	1	2	3	4	5	6	7	8	9	10									
54	4AL17EC061	NICHENAMETLA BHARGAVI	1	2	3	4	5	6	7	8	A	9									

Mr.Santosh S
Co-ordinator

Dr. D V Manjunatha
HOD

H. O. D.
Dept. Of Electronics & Communication
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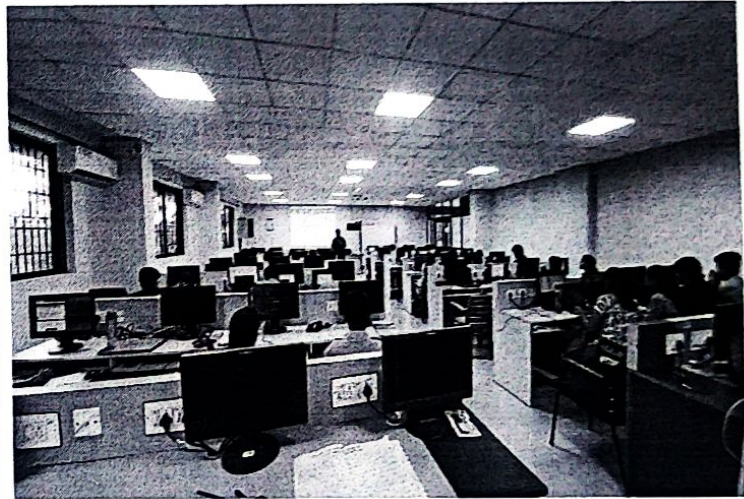
ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

III- SEM B Sec Attendance details of python programming certification course-Batch 2

Sl.No	USN	NAME	23/10	23/10	24/10	24/10	25/10	25/10	26/10	26/10	27/10	27/10
1.	4AL17EC062	NIHARIKA NARAYANA L	1	2	3	4	5	6	7	8	9	10
2.	4AL17EC063	NISHANTHA V R	1	2	3	4	5	6	7	8	9	10
3.	4AL17EC064	P V SAI SURAKSHA	1	2	A	3	4	5	6	7	8	9
4.	4AL17EC065	PADMASHREE B S	1	2	3	4	5	6	7	8	9	10
5.	4AL17EC066	PADMINI M	1	2	3	4	5	6	A	7	8	9
6.	4AL17EC068	PAVITHRAN S	1	2	3	4	5	6	7	8	9	10
7.	4AL17EC069	PERSIS P	1	2	3	4	5	6	7	8	9	10
8.	4AL17EC070	POOJA K S	1	2	3	4	5	6	7	8	9	10
9.	4AL17EC071	POORVI H J	1	2	3	4	5	6	7	8	9	10
10.	4AL17EC072	PRAGATI M KUNDALKAR	1	2	3	4	5	6	7	8	9	10
11.	4AL17EC073	PRAJWAL KAMAGETHI C	1	2	3	4	5	6	7	8	9	10
12.	4AL17EC074	PRASHANTHA NAIK	1	2	3	A	4	5	6	7	8	9
13.	4AL17EC075	PRINCIA MELITA DSOUZA	1	2	3	4	5	6	7	8	9	10
14.	4AL17EC076	RAJESHWARI GADAGI	1	2	3	4	5	6	7	8	9	10
15.	4AL17EC077	RASHMITHA	1	2	3	4	5	6	7	8	9	10
16.	4AL17EC079	ROHAN SHETTY	1	2	3	4	5	6	7	8	9	10
17.	4AL17EC080	ROSHNI A B	1	2	3	4	5	6	7	8	9	10
18.	4AL17EC083	SAHANA S R	1	2	3	4	5	6	7	8	9	10
19.	4AL17EC084	SANKETHA S ACHARYA	1	2	3	4	5	6	7	8	9	10
20.	4AL17EC085	SHARON CAROL PEREIRA	1	2	3	4	5	6	7	8	A	9
21.	4AL17EC086	SHILPA C	1	2	3	4	5	6	7	8	9	10
22.	4AL17EC087	SHIVALINGAPPA S	1	2	3	4	5	6	7	8	9	10
23.	4AL17EC090	SUSHMITHA R NAIK	1	2	3	4	5	6	7	8	9	10
24.	4AL17EC091	SWASTIK R GOWDA	1	2	3	4	A	5	6	7	8	9
25.	4AL17EC092	VARSHITHA S	1	2	3	4	5	6	7	8	9	10

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26.	4AL17EC093	VARUN G SHETTY	1	2	3	4	5	6	7	8	9	10											
27.	4AL17EC095	VIDUL SAMBHAJI CHAVAN	1	2	3	4	5	6	7	8	9	10											
28.	4AL17EC096	YALPI NANDIKA		2	3	A	4	5	6	7	8	9											
29.	4AL17EC097	YAMUNASHREE N	1	2	3	4	5	6	7	8	9	10											
30.	4AL17EC098	YASHASWINI R	1	2	3	4	5	6	7	8	9	10											
31.	4AL17EC099	YASHWITHA C N	1	2	3	4	5	6	7	8	9	10											
32.	4AL17EC100	YATHISH S RAO	1	2	3	4	5	6	7	A	8	9											
33.	4AL17EC101	BINDU N R	1	2	3	4	5	6	7	8	9	10											
34.	4AL17EC102	SUSHMITHA	1	2	3	4	5	6	7	8	9	10											
35.	4AL17EC103	SACHIN	1	2	3	4	5	6	7	8	9	10											
36.	4AL17EC104	S NIKHIL TEJASWI	1	A	2	3	4	5	6	7	8	9											
37.	4AL17EC105	AKASH	1	2	3	4	5	6	7	8	9	10											
38.	4AL17EC106	HARSHITHA T	1	2	3	4	5	6	7	8	9	10											
39.	4AL17EC107	K B KUSHI	1	2	3	4	5	6	7	8	9	10											
40.	4AL17EC108	RACHANA	1	2	3	4	5	A	6	7	8	9											
41.	4AL18EC400	SUSHANT POOJARY	1	2	3	4	5	6	7	8	9	10											

Mr.Santosh S
Co-ordinator

Dr. D V Manjunatha
HOD

Certification Program on Python Programming Report

Department of Electronics and Communication Engineering organized five days Certificate Program on "Python programming" for III A semester Electronics and Communication Engineering students from 23rd October 2018 to 27th October 2018 by Dr. S. Mohideen Badhusha Dept of CSE AIET, Moodbidri.

The course carried for 5 days which included Data types, Keywords variables, Operators, Control Statements, Loops, Array handling, String handling. Pointers, Structures and Unions, File handling, Dynamic Memory Allocation and Basic programming constructs in Python, Advanced programming constructs in Python. Most of the certification program was a hand on session and students were given with different task to write some code for desired output on anaconda Python platform.

D.V.T

Dr. D V Manjunatha

Head of the Department
H. O. D.
Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 22.

Department of Electronics & Communication Engineering

Summary Report of Add-on/Certificate program with its Outcomes

Academic Year : 2018-19	Duration: 23-10-2019 to 27-10-19
Title of the Course: Python Programming.	
Resource Person: Dr.Mohideen Badhushah, Professor, Dept of CSE, AIET, Mijar.	

The department conducted Certification Course on "Python Programming" for 2nd year students of Electronics and Communication Engineering from 23-10-2019 to 27-10-19 by Dr.Mohideen Badhushah, Professor, Dept of CSE, AIET, Mijar.

95 students of 2nd year, Electronics and Communication Engineering are benefitted from this course and were able to

- Understand the concepts of Data types, Keywords, Variables.

- Understand the concepts of String handling, Pointers, Structures and Unions, File handling, Dynamic Memory Allocation

- Understand the basic and advanced programming constructs in Python.

- Write code on Anaconda Python Platform and get the desired output.

D.V.

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ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(A Unit of Alva's Education Foundation, Moodbidri)

Shobhavana Campus, Mijar, Moodbidri-574225, Dakshin Kannada.

Affiliated to VTU,Belagavi,Recognized by BTE,Govt. of Karnataka and Approved by AICTE, New Delhi

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Certificate

This is to Certify that Mr. /Ms. ……………………………………………………………of …………....... Semester, Electronics & Communication Department, has undergone a Certification Program on "Python Programming" from 23rd October to 27th October 2019 for 5 days organized by Department of E&CE, Alva's Institute of Engineering and Technology, Moodbidri.

Dr. S. Mohideen Badhusha	Dr. D. V. Manjunatha	Dr. Peter Fernandes
Professor	Head of the Department	Principal,
Dept CSE, AIET	E&C, AIET	AIET, Moodbidri.

Python Programming

1. Is Python case sensitive when dealing with identifiers?
a) yes
b) no
c) machine dependent
d) none of the mentioned

2. What is the maximum possible length of an identifier?
a) 31 characters
b) 63 characters
c) 79 characters
d) none of the mentioned

3. Which of the following is invalid?
a) _a = 1
b) __a = 1
c) __str__ = 1
d) none of the mentioned

4. All keywords in Python are in _____
a) lower case
b) UPPER CASE
c) Capitalized
d) None of the mentioned

5. Which is the correct operator for power(x^y)?
a) X^y
b) X**y
c) X^^y
d) None of the mentioned

6. What is the answer to this expression, 22 % 3 is?
a) 7
b) 1
c) 0
d) 5

7. The expression Int(x) implies that the variable x is converted to integer.
a) True
b) False

8. What is the output of this expression, 3*1**3?

a) 27

b) 9

c) 3

d) 1

9. Which of these in not a core data type?

a) Lists

b) Dictionary

c) Tuples

d) Class

10. Given a function that does not return any value, What value is thrown by default when executed in shell.

a) int

b) bool

c) void

d) None

11. What will be the output of the following Python code?

```
1. >>>str="hello"
2. >>>str[:2]
3. >>>
```

a) he

b) lo

c) olleh

d) hello

12. Which of the following will run without errors?

a) round(45.8)

b) round(6352.898,2,5)

c) round()

d) round(7463.123,2,1)

13. What is the return type of function id?

a) int

b) float

c) bool

d) dict

14, In python we do not specify types, it is directly interpreted by the compiler, so consider the following operation to be performed.

```
1. >>>x = 13 ? 2
```

objective is to make sure x has a integer value, select all that apply (python 3.xx)

a) x = 13 // 2

b) x = int(13 / 2)

c) x = 13 % 2

d) All of the mentioned

15. What error occurs when you execute the following Python code snippet?

```
apple = mango
```

a) SyntaxError

b) NameError

c) ValueError

d) TypeError

16. In order to store values in terms of key and value we use what core data type.

a) list

b) tuple

c) class

d) dictionary

17. Which of the following results in a SyntaxError?

a) '"Once upon a time...", she said.'

b) "He said, 'Yes!'"

c) '3\'

d) "'That's okay'"

18. What is the average value of the following Python code snippet?

```
1. >>>grade1 = 80
2. >>>grade2 = 90
3. >>>average = (grade1 + grade2) / 2
```

a) 85.0

b) 85.1

c) 95.0

d) 95.1

19. What is the return value of trunc()?

a) int

b) bool

c) float

d) None

20. Select all options that print.

```
hello-how-are-you
```

a) print('hello', 'how', 'are', 'you')

b) print('hello', 'how', 'are', 'you' + '-' * 4)

c) print('hello-' + 'how-are-you')

d) print('hello' + '-' + 'how' + '-' + 'are' + 'you')

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK FORM

Five days Student Training Program
On
"Python Programming"

For the following areas, please indicate your rating from 1 to 5:
1=strongly Disagree 2=Disagree 3=neither agree nor disagree 4=Agree 5=strongly Agree

SN	Topics	1	2	3	4	5
A.	Content					
1	Understood the concepts of Basic Programming constructs in Python.				✓	
2	Understood various Operators, Control Statements and Loops in Python.				✓	
3	Understood the concept of Array and String handling in Python.				✓	
4	Understood the concept of union, functions and pointers.				✓	
5	Understood the concept of Advanced programming constructs in Python.				✓	
B	Presentation					✗
6	Instructor's knowledge					✓
7	Instructor's presentation style					✓
8	Instructor covered material clearly					✓
9	Instructor responded well to questions					✓
10	Instructor facilitated interactions among participants well					✓

C. How could this workshop be improved?

D. Any other comments or suggestions?

E. Overall, how would you rate this workshop?

	Poor		✓	Good
	Neither Good Nor Poor			Excellent

Please return this form to the instructor or organizer at the end of the workshop. Thank you