

Sapthagiri College of Engineering

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057

Phone: 080-28372800/1/2

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Fax: 080-28372797

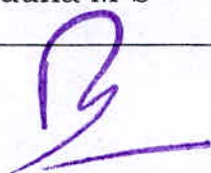
Department of Electronics & Communication Engineering

CIRCULAR

Date: 12.08.2020

All the Academic PAAC members are informed to attend a meeting for analyzing curriculum syllabus of academic year 2020-21 scheduled on 17/08/2020 at 11 AM in HOD's office.

Sl No.	Faculty Name	Designation	Signature
1.	Dr. H C Sateesh Kumar	Professor	
2.	Dr. Prakash Jadhav	Associate Professor	
3.	Prof. Agalya P.	Associate Professor	
4.	Prof. Shobha S.	Associate Professor	
5.	Prof. Ravi shankara M.N.	Associate Professor	
6.	Prof. Shobha I Hugar	Assistant Professor	
7.	Dr. Sudha M S	Assistant Professor	



Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057



HOD

Head of the Department
Electronics & Communication
Sapthagiri College of Engineering
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Department of Electronics & Communication Engineering

Date: 17/08/2020

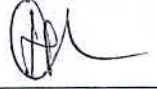



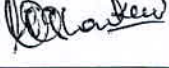


MINUTES OF MEETING

With reference to circular dated on 12/08/2020, the PAAC committee member assembled in HODs office on 17.08.2020 for addressing the following agenda.

Agenda:

- Reviewing the analysis of department curriculum syllabus of Academic Year 2020-21
- Reviewing the feedback analysis of the academic year 2019-20
- Identifying the gaps
- Action to be taken for the identified gaps.

During the meeting the following members were present

Sl No.	Faculty Name	Designation	Signature
1.	Dr. H C Sateesh Kumar	Professor	
2.	Dr. Prakash Jadhav	Associate Professor	
3.	Prof. Agalya P.	Associate Professor	
4.	Prof. Shobha S.	Associate Professor	
5.	Prof. Ravi shankara M.N.	Associate Professor	
6.	Prof. Shobha I Hugar	Assistant Professor	
7.	Dr. Sudha M S	Assistant Professor	

The following points were discussed in the meeting

1. The committee members analysed and discussed about the feedback of department curriculum syllabus.
2. The members identified the gaps based on the analysis.


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Action Taken:

Based on the feedback obtained from Students, Faculty and Alumni, the curriculum for the academic year 2019-20 has been analysed by department academic committee members, it was decided to conduct certification course on **PYTHON PROGRAMMING AND ITS APPLICATIONS IN IMAGE PROCESSING** to bridge the gaps identified in the curriculum/syllabus.

In the meeting the committee members decided to request Mr. SuriyaPrakash, Assistant professor, Department of CSE, SCE, Bangalore & Mr. Sandeep Kumar K Assistant professor, Department of ECE, AIT, Bangalore with one industry person as resource persons for the certification course.



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Department of Electronics & Communication Engineering

Date: 19/08/2020

To

IQAC Coordinator

Sapthagiri College of Engineering

Bengaluru-560 057

Respected sir/madam,

Subject: Requisition for Approval of conducting certification course

With reference to the PAAC committee members meeting held for analyzing department curriculum/syllabus for the academic year 2019-20. After analyzing the syllabus and feedback from the stakeholders, the committee members proposed to conduct a certification course on **PYTHON PROGRAMMING AND ITS APPLICATIONS IN IMAGE PROCESSING** from 23.12.2020 to 29.12.2020 for the academic year 2020 – 21 in online mode. So, I request you to forward and get the approval from the governing council for the same.

Thanking You,

Encl: Budget Proposal



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Sapthagiri College of Engineering
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Forwarded for Approval to GC



19/8



HOD

Head of the Department
Electronics & Communication
Sapthagiri College of Engineering
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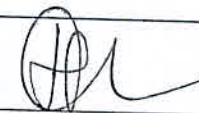
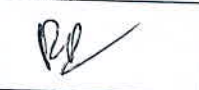


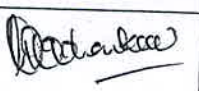


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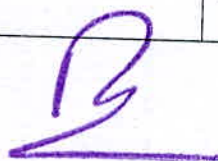
Department of Electronics & Communication Engineering

Date: 03/12/2020

CIRCULAR

This is to inform that the PAAC members are requested to attend the meeting on 05/12/2020 at 3PM in the HOD's room to decide the syllabus and the lesson plan for the certification program on "PYTHON PROGRAMMING AND ITS APPLICATIONS IN IMAGE PROCESSING".

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1.	Dr. Sateesh Kumar H C	Professor	
2.	Dr. Prakash Jadhav	Associate Professor	
3.	Prof. Agalya P	Associate Professor	
4.	Prof. Shobha S	Associate Professor	
5.	Prof. Ravishankara M N	Associate Professor	
6.	Prof. Shobha I Hugar	Assistant Professor	
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Department of Electronics & Communication Engineering

Date: 03/12/2020

To,

Prof. Suriya Prakash

Assistant Professor, Dept. of CSE

Sapthagiri College of Engineering

Bengaluru

Respected Sir,

Subject: Invitation as a "Resource person" for certification course and to attend meeting to discuss about the certification program

Department of Electronics and Communication Engineering have planned to conduct a certification course titled "Python Programming and its Application in Image Processing" for 5th & 7th semester students from 23-12-2020 to 29-12-2020. In this connection, we are privileged to invite you as a Resource person on the above mentioned topic.

Thanking you for your kind acceptance as resource persons for the course through phone.

Thanking you



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Yours faithfully



HOD

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Department of Electronics & Communication Engineering

Date: 03/12/2020

To,

Prof. Sandeep Kumar K

Assistant Professor, Dept. of ECE

Acharya Institute of Technology

Bengaluru

Respected Sir,

Subject: Invitation as a "Resource person" for certification course and to attend meeting to discuss about the certification program

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Yours faithfully



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Department of Electronics & Communication Engineering

Date: 03/12/2020

To,

Prof. Praveen Ramanna

Software Engineering Manager

Nuance Communication INC

Bengaluru

Respected Sir,

Subject: Invitation as a "Resource person" for certification course and to attend meeting to discuss about the certification program

Department of Electronics and Communication Engineering have planned to conduct a certification course titled "Python Programming and its Application in Image Processing" for 5th & 7th semester students from 23-12-2020 to 29-12-2020. In this connection, we are privileged to invite you as a Resource person on the above mentioned topic.

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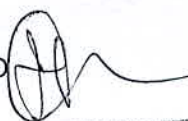
Thanking you



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Yours faithfully

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Department of Electronics & Communication Engineering

19.12.2020

NOTICE

As a part of skill development Department of Electronics and Communication Engineering is conducting Five days Certification Course on **“PYTHON Programming and its Applications in Image Processing”** from 23-12-2020 to 29-12-2020

All students of 5th & 7th semester from Department of ECE enroll for the course using the link Shared in whatsapp Group.



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Electronics and Communication Engineering

Academic Year : 2020 – 21

Attendance of Certification course on PYTHON Programming and its Applications in Image Processing

Sl. No	USN	Name of the Students
1.	1SG17EC039	Jeevitha
2.	1SG18EC119	Vinayprasad
3.	1SG18EC051	Lekkala VishnuvardhanReddy
4.	1SG17EC098	Sweta Prakash Rastapur
5.	1SG17EC090	Sneha V
6.	1SG18EC008	Apurva M Shet
7.	1SG17EC080	Samata Gajanan Munagekar
8.	1SG17EC069	Priyanka R
9.	1SG17EC072	Ranjeeta Das
10.	1SG17EC070	Rakshitha G N
11.	1SG17EC014	Ashutosh Yadav
12.	1SG17EC084	Shalini U
13.	1SG17EC103	Umamaheshwari R
14.	1SG17EC109	Vidyashree K
15.	1SG17EC078	Sagar S
16.	1SG17EC096	Sushma N
17.	1SG17EC060	Nitin B S
18.	1SG18EC098	Shraddha Varijaksha
19.	1SG18EC112	Varshini R
20.	1SG17EC046	Lavanya P
21.	1SG17EC017	B k Harshit
22.	1SG17EC047	Lohith D T
23.	1SG17EC003	Abhishek A Hippargi
24.	1SG17EC035	Hemanth M R
25.	1SG18EC038	Hemanth H M
26.	1SG18EC060	Nagesh R shanbhag
27.	1SG18EC024	Deepak K
28.	1SG18EC020	Chandana V
29.	1SG19EC401	Asha K R
30.	1SG18EC034	Gireesha K
31.	1SG18EC062	Nikhil Umapati
32.	1SG17EC057	Navneet Singh
33.	1SG18EC074	Prateek J H
34.	1SG18EC049	Lavanya N
35.	1SG18EC113	Varunl
36.	1SG18EC041	Jayanth K Holalkeri
37.	1SG17EC030	Ganavi D
38.	1SG17EC001	A K PaveenPoonacha


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Electronics and Communication Engineering

Sl. No	USN	Name of the Students
39.	1SG18EC030	Dushyanthh Y
40.	1SG18EC047	Kumar G
41.	1SG18EC097	Shivakumar S
42.	1SG18EC063	Nithin R S
43.	1SG17EC015	Avani Purohith
44.	1SG17EC056	Nandini S
45.	1SG18EC058	Megha S
46.	1SG18EC023	Deepa B
47.	1SG18EC037	Harshitha V
48.	1SG18EC003	Akarsh B A
49.	1SG17EC023	Darshan Bangalore
50.	1SG17EC058	Nethravathi K G
51.	1SG17EC110	Vikyath Kamalesh
52.	1SG17EC114	Yeshwanth A
53.	1SG18EC111	Vandana G
54.	1SG16EC011	Ashutosh Tiwari
55.	1SG16EC058	Nandan N
56.	1SG18EC055	Manasadev G J
57.	1SG18EC039	Hemanth K
58.	1SG17EC424	Vinay R
59.	1SG18EC118	Vinay P
60.	1SG18EC042	Jayanth R S
61.	1SG17EC064	Prajwal R
62.	1SG17EC089	Sindhushree G P
63.	1SG17EC081	Sampritha H S
64.	1SG18EC094	Shashank S
65.	1SG18EC002	Aishwarya Katare
66.	1SG18EC108	Ullas H P
67.	1SG17EC087	Shreevidya
68.	1SG17EC112	Vivek H M
69.	1SG17EC104	Vaishnavi K S
70.	1SG18EC104	Swagatshreyas H
71.	1SG18EC018	Ceriya Deepika
72.	1SG18EC010	Archana.D
73.	1SG18EC083	Reshma S Hegde
74.	1SG17EC094	Sumankumar S
75.	1SG18EC073	Pramodh N
76.	1SG17EC116	Sameena N Nadaf
77.	1SG17EC038	Janaki S
78.	1SG17EC088	Shreyas S
79.	1SG18EC400	Anurag G
80.	1SG18EC001	Abhishek.R
81.	1SG18EC044	K shreyas
82.	1SG17EC076	Sachin G D
83.	1SG17EC112	Vishwas M
84.	1SG18EC065	R Nitish
85.	1SG18EC053	Likhitha G

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Electronics and Communication Engineering

86.	1SG18EC103	Suma G
87.	1SG18EC070	Prajwal.J.Badiger
88.	1SG18EC059	Monisha R
89.	1SG18EC117	Vinay H S
90.	1SG18EC086	Sakshipai B
91.	1SG18EC115	Vidya K N
92.	1SG18EC104	Swagat Shreyas H
93.	1SG18EC091	Sharath K V
94.	1SG18EC404	Deepak G Krishnan
95.	1SG18EC102	Sujan S
96.	1SG17EC113	Yathin B S
97.	1SG17EC106	Vasanth Kumar G V
98.	1SG17EC032	Geetha M
99.	1SG18EC009	Arathi M
100.	1SG18EC036	Harekrishna
101.	1SG18EC016	Bhargavi T C
102.	1SG18EC414	Sunitha M U
103.	1SG19EC403	Chaitanya D R
104.	1SG19EC402	Bindushree M G
105.	1SG18EC066	Parvathy.R
106.	1SG18EC099	Shreya S
107.	1SG19EC405	Deepak N
108.	1SG17EC051	Manojkumar N
109.	1SG18EC116	Vikas B S
110.	1SG18EC061	Nikhil M kumar
111.	1SG18EC045	Khushisingh
112.	1SG18EC068	Pooja G D
113.	1SG16EC087	Ranbir Kumar Singh
114.	1SG18EC035	Hamsitha B
115.	1SG18EC040	Jashwanth V
116.	1SG18EC025	Deepika.UM
117.	1SG18EC031	G Meghashree
118.	1SG18EC032	Gangadhar G M


Coordinator


Principal
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HOD

Head of the Department
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Electronics and Communication Engineering

Academic Year : 2020 – 21

Attendance of Certification course on PYTHON Programming and its Applications in Image Processing

Sl. No	USN	Name of the Students	23.12.2020		24.12.2020		26.12.2020		28.12.2020		29.12.2020	
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1.	1SG17EC039	Jeevitha	1	2	3	4	-	5	6	7		
2.	1SG18EC119	Vinayprasad	1	2	3	4	5	6	7	8	9	10
3.	1SG18EC051	Lekkala VishnuvardhanReddy	-	1	2	3	4	5	6	7	8	9
4.	1SG17EC098	Sweta Prakash Rastapur	1	2	3	4	5	6	7	8	9	10
5.	1SG17EC090	Sneha V	1	2	3	4	5	6	-	7	8	9
6.	1SG18EC008	Apurva M Shet	1	2	3	-	4	5	6	7	8	9
7.	1SG17EC080	Samata Gajanan Munagekar	1	2	3	4	5	6	7	8	9	10
8.	1SG17EC069	Priyanka R	1	2	3	4	5	6	7	8	9	10
9.	1SG17EC072	Ranjeeta Das	1	2	3	4	5	6	7	-	8	9
10.	1SG17EC070	Rakshitha G N	1	2	3	4	5	6	7	8	9	10
11.	1SG17EC014	Ashutosh Yadav	1	2	3	4	5	-	6	7	8	9
12.	1SG17EC084	Shalini U	1	2	3	4	5	6	7	8	9	10
13.	1SG17EC103	Umamaheshwari R	1	2	3	4	5	6	7	8	9	10
14.	1SG17EC109	Vidyashree K	1	2	3	4	5	6	7	8	9	10
15.	1SG17EC078	Sagar S	1	2	3	4	5	6	7	8	9	10
16.	1SG17EC096	Sushma N	1	2	3	4	5	6	7	8	9	10
17.	1SG17EC060	Nitin B S	1	2	3	4	5	6	7	8	9	10
18.	1SG18EC098	Shraddha Varijaksha	1	2	3	4	5	6	7	8	9	10
19.	1SG18EC112	Varshini R	1	2	3	4	5	6	7	8	9	10
20.	1SG17EC046	Lavanya P	1	2	3	4	5	6	7	8	9	10
21.	1SG17EC017	B k Harshit	1	2	3	4	5	6	7	8	9	10
2.	1SG17EC047	Lohith D T	1	2	3	4	-	5	6	7	8	9
23.	1SG17EC003	Abhishek A Hippargi	1	2	3	4	5	6	7	8	9	10
24.	1SG17EC035	Hemanth M R	1	2	3	4	5	6	7	8	9	10
25.	1SG18EC038	Hemanth H M	1	2	3	4	5	6	7	8	9	10
26.	1SG18EC060	Nagesh R shanbhag	-	1	2	3	4	5	6	7	8	9
27.	1SG18EC024	Deepak K	1	2	3	4	5	6	7	8	9	10
28.	1SG18EC020	Chandana V	1	2	3	4	5	6	7	8	9	10
29.	1SG19EC401	Asha K R	1	2	-	3	4	5	6	7	8	9
30.	1SG18EC034	Gireesha K	-	1	2	3	4	5	6	7	8	9
31.	1SG18EC062	Nikhil Umapati	1	2	3	4	5	6	7	8	9	10
32.	1SG17EC057	Navneet Singh	1	2	3	4	5	6	-	7	8	9
33.	1SG18EC074	Prateek J H	1	2	3	4	5	-	6	7	8	9
34.	1SG18EC049	Lavanya N	1	2	3	4	5	6	7	8	9	10
35.	1SG18EC113	Varunl	1	2	3	4	5	6	7	8	9	10
36.	1SG18EC041	Jayanth K Holalkeri	1	2	3	4	5	6	7	8	9	10
37.	1SG17EC030	Ganavi D	1	2	3	4	5	6	7	8	9	10
38.	1SG17EC001	A K PaveenPoonacha	1	2	3	4	5	6	7	8	9	10
39.	1SG18EC030	Dushyanthh Y	1	2	3	4	5	6	7	8	9	10
40.	1SG18EC097	Kumar G	-	-	1	2	3	4	5	6	7	8

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Electronics and Communication Engineering

Sl. No	USN	Name of the Students	23.12.2020		24.12.2020		26.12.2020		28.12.2020		29.12.2020	
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
41.	1SG18EC097	Shivakumar S	1	2	3	4	5	6	7	8	9	10
42.	1SG18EC063	Nithin R S	1	2	3	4	5	6	7	8	9	10
43.	1SG17EC015	Avani Purohith	1	2	3	4	5	6	7	8	9	10
44.	1SG17EC056	Nandini S	1	2	3	4	5	6	7	8	9	10
45.	1SG18EC058	Megha S	1	2	3	4	5	6	7	8	9	10
46.	1SG18EC023	Deepa B	1	2	3	4	5	6	7	8	9	10
47.	1SG18EC037	Harshitha V	1	2	3	4	5	6	7	8	9	10
48.	1SG18EC003	Akarsh B A	-	1	3	4	5	6	7	8	9	10
49.	1SG17EC023	Darshan Bangalore	1	2	3	4	5	6	7	8	9	10
50.	1SG17EC058	Nethravathi K G	1	2	3	4	5	6	7	8	9	10
51.	1SG17EC110	Vikyath Kamalesh	-	1	2	3	4	-	5	6	7	8
52.	1SG17EC114	Yeshwanth A	1	2	-	3	4	5	6	7	8	9
53.	1SG18EC111	Vandana G	1	2	3	4	5	6	7	8	9	10
54.	1SG16EC011	Ashutosh Tiwari	-	-	1	2	3	4	5	6	7	8
55.	1SG16EC058	Nandan N	1	2	3	4	5	6	7	-	8	9
56.	1SG18EC055	Manasadev G J	1	2	3	4	5	6	7	8	9	10
57.	1SG18EC039	Hemanth K	1	2	3	4	5	6	7	8	9	10
58.	1SG17EC424	Vinay R	1	2	3	4	5	6	7	8	9	10
59.	1SG18EC118	Vinay P	1	2	-	3	4	5	6	7	8	9
60.	1SG18EC042	Jayanth R S	1	2	3	4	5	6	7	8	9	10
61.	1SG17EC064	Prajwal R	1	2	3	4	5	6	7	8	9	10
62.	1SG17EC089	Sindhushree G P	1	2	3	4	5	6	7	8	9	10
63.	1SG17EC081	Sampritha H S	1	2	3	4	5	6	7	8	9	10
64.	1SG18EC094	Shashank S	-	1	2	3	4	5	6	7	8	9
65.	1SG18EC002	Aishwarya Katare	1	2	3	4	5	6	7	8	9	10
66.	1SG18EC108	Ullas H P	1	2	3	4	5	6	7	8	9	10
67.	1SG17EC087	Shreevidya	1	2	3	4	5	6	7	8	9	10
68.	1SG17EC112	Vivek H M	1	2	3	4	5	6	7	8	9	10
69.	1SG17EC104	Vaishnavi K S	1	2	3	4	5	6	7	8	9	10
70.	1SG18EC104	Swagatshreyas H	-	1	2	3	4	5	6	7	8	9
71.	1SG18EC018	Ceriya Deepika	1	2	3	4	-	5	6	7	8	9
72.	1SG18EC010	Archana.D	1	2	3	4	5	6	7	8	9	10
73.	1SG18EC083	Reshma S Hegde	1	2	3	4	5	6	7	8	9	10
74.	1SG17EC094	Sumankumar S	1	2	3	4	5	6	7	8	9	10
75.	1SG18EC073	Pramodh N	1	2	3	-	4	5	6	7	8	9
76.	1SG17EC116	Sameena N Nadaf	1	2	3	4	5	6	7	8	9	10
77.	1SG17EC038	Janaki S	1	2	3	4	5	6	7	8	9	10
78.	1SG17EC088	Shreyas S	-	1	2	3	4	5	6	7	8	9
79.	1SG18EC400	Anurag G	-	1	3	4	5	6	7	8	9	10
80.	1SG18EC001	Abhishek.R	1	2	3	4	5	6	7	8	9	10
81.	1SG18EC044	K shreyas	-	1	2	3	4	-	5	6	7	8
82.	1SG17EC076	Sachin G D	-	1	2	3	4	5	6	7	8	9
83.	1SG17EC112	Vishwas M	1	2	3	4	5	6	7	8	9	10
84.	1SG18EC065	R Nitish	-	1	2	3	4	5	6	7	8	9
85.	1SG18EC053	Likhitha G	1	2	3	-	4	5	6	7	8	9
86.	1SG18EC103	Suma G	1	2	3	4	5	6	7	8	9	10

Principal

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Electronics and Communication Engineering

Sl. No	USN	Name of the Students	23.12.2020		24.12.2020		26.12.2020		28.12.2020		29.12.2020	
			MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
87.	1SG18EC070	Prajwal.J.Badiger	1	2	3	4	5	6	7	8	9	10
88.	1SG18EC059	Monisha R	1	2	3	4	5	6	7	8	9	10
89.	1SG18EC117	Vinay H S	1	2	3	4	5	6	7	8	9	10
90.	1SG18EC086	Sakshipai B	1	2	3	4	5	6	7	8	9	10
91.	1SG18EC115	Vidya K N	1	2	3	4	5	6	7	8	9	10
92.	1SG18EC104	Swagat Shreyas H	1	2	3	4	5	6	7	8	9	10
93.	1SG18EC091	Sharath K V	1	2	3	4	5	6	7	8	9	10
94.	1SG18EC404	Deepak G Krishnan	1	2	3	4	5	6	7	8	9	10
95.	1SG18EC102	Sujan S	1	2	3	4	5	6	7	8	9	10
96.	1SG17EC113	Yathin B S	1	2	3	4	5	6	7	8	9	10
97.	1SG17EC106	Vasanth Kumar G V	1	2	3	4	5	6	7	8	9	10
98.	1SG17EC032	Geetha M	1	2	3	4	5	6	7	8	9	10
99.	1SG18EC009	Arathi M	1	2	3	4	5	6	7	8	9	10
100.	1SG18EC036	Harekrishna	1	2	3	4	5	6	7	8	9	10
101.	1SG18EC016	Bhargavi T C	1	2	3	4	5	6	7	8	9	10
102.	1SG18EC414	Sunitha M U	1	2	3	4	5	6	7	8	9	10
103.	1SG19EC403	Chaitanya D R	1	2	3	4	5	6	7	8	9	10
104.	1SG19EC402	Bindushree M G	1	2	3	4	5	6	7	8	9	10
105.	1SG18EC066	Parvathy.R	1	2	3	4	5	6	7	8	9	10
106.	1SG18EC099	Shreya S	1	2	3	4	5	6	7	8	9	10
107.	1SG19EC405	Deepak N	1	2	3	4	5	6	7	8	9	10
108.	1SG17EC051	Manojkumar N	1	2	3	4	5	6	7	8	9	10
109.	1SG18EC116	Vikas B S	1	2	3	4	5	6	7	8	9	10
110.	1SG18EC061	Nikhil M kumar	1	2	3	4	5	6	7	8	9	10
111.	1SG18EC045	Khushisingh	1	2	3	4	5	6	7	8	9	10
112.	1SG18EC068	Pooja G D	1	2	3	4	5	6	7	8	9	10
113.	1SG16EC087	Ranbir Kumar Singh	1	2	3	4	5	6	7	8	9	10
114.	1SG18EC035	Hamsitha B	1	2	3	4	5	6	7	8	9	10
115.	1SG18EC040	Jashwanth V	1	2	3	4	5	6	7	8	9	10
116.	1SG18EC025	Deepika.UM	1	2	3	4	5	6	7	8	9	10
117.	1SG18EC031	G Meghashree	1	2	3	4	5	6	7	8	9	10
118.	1SG18EC032	Gangadhar G M	1	2	3	4	5	6	7	8	9	10

Coordinator

Principal

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Bengaluru - 560 057

HOD

Head of the Department
Electronics & Communication
Sapthagiri College of Engineering
Bangalore - 560 057

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Department of Electronics & Communication Engineering

5 days Certification Course on "PYTHON Programming"

Test Time Table

Sl. No.	DATE	DAY	TIMINGS
1	16-01-2021	Monday	10AM-11AM

 HOD

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Electronics & Communication
Sapthagiri College of Engineering
Bengaluru - 560 057



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Bengaluru - 560 057

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Department of Electronics & Communication Engineering

5 days Certification Course on "PYTHON Programming"

Duration : 60 Minutes

Maximum marks : 25

Date: 16.01.2021

Question No. 1-25 (1M each)

Answer all the Questions:

Q 1 - Which of the following is correct about Python?

- A - Python is a high-level, interpreted, interactive and object-oriented scripting language.
- B - Python is designed to be highly readable.
- C - It uses English keywords frequently where as other languages use punctuation, and it has fewer syntactical constructions than other languages.
- D - All of the above.

Q 2 - Which of the following environment variable for Python tells the Python interpreter where to locate the module files imported into a program?

- A - PYTHONPATH
- B - PYTHONSTARTUP
- C - PYTHONCASEOK
- D - PYTHONHOME

Q 3 - Which of the following environment variable for Python contains the path of an initialization file containing Python source code?

- A - PYTHONPATH
- B - PYTHONSTARTUP
- C - PYTHONCASEOK
- D - PYTHONHOME

Q 4 - Is python a case sensitive language?

- A - True
- B - False

Q 5 - Which of the following data types is not supported in python?

- A - Numbers
- B - String
- C - List
- D - Slice

Q 6 - What is the output of print str[0] if str = 'Hello World!'?

- A - Hello world!
- B - H
- C - ello World!
- D - None of the above

Q 7 - What is the output of print list[0] if list = ['abcd', 786 , 2.23, 'john', 70.2]?

- A - ['abcd', 786 , 2.23, 'john', 70.2]
- B - abcd

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Department of Electronics & Communication Engineering

C - Error

D - None of the above.

Q 8 - Which of the following is correct about tuples in python?

A - A tuple is another sequence data type that is similar to the list.

B - A tuple consists of a number of values separated by commas.

C - Unlike lists, however, tuples are enclosed within parentheses.

D - All of the above.

Q 9 - What is the output of print tuple[0] if tuple = 'abcd', 786, 2.23, 'john', 70.2?

A - 'abcd', 786, 2.23, 'john', 70.2

B - abcd

C - Error

D - None of the above

Q 10 - Which of the following is correct about dictionaries in python?

A - Python's dictionaries are kind of hash table type.

B - They work like associative arrays or hashes found in Perl and consist of key-value pairs.

C - A dictionary key can be almost any Python type, but are usually numbers or strings. Values, on the other hand, can be any arbitrary Python object.

D - All of the above.

Q 11 - Which of the following function of dictionary gets all the values from the dictionary?

A - getvalues

B - value

C - values

D - None of the above.

Q 12 - Which of the following function convert a string to an int in python?

A - intx[, base]

B - longx[, base]

C - floatx

D - strx

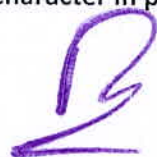
Q 13 - Which of the following function convert an integer to an unicode character in python?

A - unichrx

B - ordx

C - hexx

D - octx



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Q 14 - Which of the following operator in python performs exponential power calculation on operands?

- A - **
- B - //
- C - is
- D - not in

Q 15 - Which of the following operator in python evaluates to true if the variables on either side of the operator point to the same object and false otherwise?

- A - **
- B - //
- C - is
- D - not in

Q 16 - Which of the following statement terminates the loop statement and transfers execution to the statement immediately following the loop?

- A - break
- B - continue
- C - pass
- D - None of the above.

Q 17 - Which of the following function returns a random item from a list, tuple, or string?

- A - choiceseq
- B - randrange [start,]stop[, step]
- C - random
- D - seed[x]

Q 18 - Which of the following function sets the integer starting value used in generating random numbers?

- A - choiceseq
- B - randrange [start,]stop[, step]
- C - random
- D - seed[x]

Q 19 - Which of the following function capitalizes first letter of string?

- A - shuffle/st
- B - capitalize
- C - isalnum
- D - isdigit

Q 20 - Which of the following function checks in a string that all characters are numeric?

A - islower

- B - isnumeric
- C - isspace
- D - istitle

Q 21 - Which of the following function merges elements in a sequence?

- A - isupper
- B - joinseq
- C - lenstring
- D - ljustwidth[, fillchar]

Q 22 - Which of the following function returns titlecased version of string?

- A - replaceold, new[, max]
- B - strip[chars]
- C - swapcase
- D - title

Q 23 - What is the output of L[-2] if L = [1,2,3]?

- A - 1
- B - 2
- C - 3
- D - None of the above

Q 24 - What is the following function returns item from the list with max value?

- A - cmplist
- B - lenlist
- C - maxlist
- D - minlist

Q 25 - What is the following function reverses objects of list in place?

- A - list.reverse
- B - list.sort[func]
- C - list.popobj = list[-1]
- D - list.removeobj



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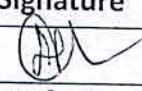

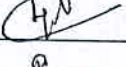

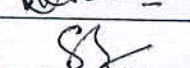
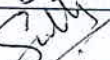

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Department of Electronics & Communication Engineering

Approved by PAAC Committee Members

Sl. No.	Faculty Name	Designation	Signature
1.	Dr. Sateesh Kumar H C	Professor	
2.	Dr. Prakash Jadhav	Associate Professor	
3.	Prof. Agalya P	Associate Professor	
4.	Prof. Shobha S	Associate Professor	
5.	Prof. Ravishankara M N	Associate Professor	
6.	Prof. Shobha I Hugar	Assistant Professor	
7.	Dr. Sudha M S	Assistant Professor	



HOD

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Sapthagiri College of Engineering
Bengaluru - 560 057



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Test on Certification course on Python programming

Department of Electronics and Communication

* Required

1. Email *

2. 1. Which of the following is correct about Python? *

2 points

Mark only one oval.

- ☐ Python is a high-level, interpreted, interactive and object-oriented scripting language
- ☐ Python is designed to be highly readable.
- ☐ It uses English keywords frequently where as other languages use punctuation, and it has fewer syntactical constructions than other languages.
- ☐ All of the above.
- ☐ Other: _____

3. 2. Which of the following environment variable for Python tells the Python interpreter where to locate the module files imported into a program? *

2 points

Mark only one oval.

- ☐ PYTHONPATH
- ☐ PYTHONSTARTUP
- ☐ PYTHONCASEOK
- ☐ PYTHONHOME

4. 3 - Which of the following environment variable for Python contains the path of an initialization file containing Python source code? *

2 points

Mark only one oval.

- ☐ PYTHONPATH
- ☐ PYTHONSTARTUP
- ☐ PYTHONCASEOK
- ☐ PYTHONHOME

5. 4 - Is python a case sensitive language? *

2 points

Mark only one oval.

- ☐ True
- ☐ False


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6. 5 - Which of the following data types is not supported in python? *

2 points

Mark only one oval.

- ☐ Numbers
- ☐ String
- ☐ List
- ☐ Slice

7. 6 - What is the output of print str[0] if str = 'Hello World'? *

2 points

Mark only one oval.

- ☐ Hello world!
- ☐ H
- ☐ ello World!
- ☐ None of the above

8. 7 - What is the output of print list[0] if list = ['abcd', 786 , 2.23, 'john', 70.2]? *

2 points

Mark only one oval.

- ☐ ['abcd', 786 , 2.23, 'john', 70.2]
- ☐ Option 2
- ☐ abcd
- ☐ Error
- ☐ None of the above.

9. 8 - Which of the following is correct about tuples in python? *

2 points

Mark only one oval.

- ☐ A tuple is another sequence data type that is similar to the list.
- ☐ A tuple consists of a number of values separated by commas.
- ☐ Unlike lists, however, tuples are enclosed within parentheses.
- ☐ All of the above.

10. 9 - What is the output of print tuple[0] if tuple = 'abcd', 786, 2.23, 'john', 70.2? *

2 points

Mark only one oval.

- ☐ 'abcd', 786, 2.23, 'john', 70.2
- ☐ abcd
- ☐ Error
- ☐ None of the above



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11. 10 - Which of the following is correct about dictionaries in python? *

2 points

Mark only one oval.

- ☐ Python's dictionaries are kind of hash table type.
- ☐ A dictionary key can be almost any Python type, but are usually numbers or strings. Values, on the other hand, can be any arbitrary Python object.
- ☐ They work like associative arrays or hashes found in Perl and consist of key-value pairs.
- ☐ All of the above.

12. 11 - Which of the following function of dictionary gets all the values from the dictionary? *

2 points

Mark only one oval.

- ☐ getvalues
- ☐ value
- ☐ values
- ☐ None of the above.

13. 12 - Which of the following function convert a string to an int in python? *

2 points

Mark only one oval.

- ☐ intx[, base]
- ☐ longx[, base]
- ☐ floatx
- ☐ strx 4

14. 13 - Which of the following function convert an integer to an unicode character in python? *

2 points

Mark only one oval.

- ☐ unichrx
- ☐ ordx
- ☐ hexx
- ☐ octx

15. 14 - Which of the following operator in python performs exponential powercalculation on operands? *

2 points

Mark only one oval.

- ☐ **
- ☐ //
- ☐ is
- ☐ not in



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16. 15 - Which of the following operator in python evaluates to true if the variables on either side of the operator point to the same object and false otherwise? * 2 points

Mark only one oval.

- ☐ **
☐ //
☐ is
☐ not in

17. 16 - Which of the following statement terminates the loop statement and transfers execution to the statement immediately following the loop? * 2 points

Mark only one oval.

- ☐ break
☐ continue
☐ pass
☐ None of the above.

18. 17 - Which of the following function returns a random item from a list, tuple, or string? * 2 points

Mark only one oval.

- ☐ choiceseq
☐ randrange [start,]stop[, step]
☐ random
☐ seed[x]

19. 18 - Which of the following function sets the integer starting value used in generating random numbers? * 2 points

Mark only one oval.

- ☐ choiceseq
☐ randrange [start,]stop[, step]
☐ random
☐ seed[x]

20. 19 - Which of the following function capitalizes first letter of string? * 2 points

Mark only one oval.

- ☐ shufflelst
☐ capitalize
☐ isalnum
☐ isdigit



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21. 20 - Which of the following function checks in a string that all characters are numeric? *

2 points

Mark only one oval.

- ☐ islower
- ☐ isnumeric
- ☐ isspace
- ☐ istitle

22. 21 - Which of the following function merges elements in a sequence? *

2 points

Mark only one oval.

- ☐ isupper
- ☐ joinseq
- ☐ lenstring
- ☐ ljustwidth[, fillchar]

23. 22 - Which of the following function returns titlecased version of string? *

2 points

Mark only one oval.

- ☐ replaceold, new[, max]
- ☐ strip[chars]
- ☐ swapcase
- ☐ title

24. 23 - What is the output of L[-2] if L = [1,2,3]? *

2 points

Mark only one oval.

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ None of the above

25. 24 - What is the following function returns item from the list with max value? *

2 points

Mark only one oval.

- ☐ cmplist
- ☐ lenlist
- ☐ maxlist
- ☐ minlist


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26. 25 - What is the following function reverses objects of list in place? *

2 points

Mark only one oval.

- ☐ list.reverse
- ☐ list.sort(func)
- ☐ list.popobj = list[-1]
- ☐ list.removeobj

27. Name and USN *

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Image Processing"

Solutions

Q1. D

Q2. A

Q3. B

Q4. A

Q5. D

Q6. B

Q7. A

Q8. D

Q9. B

Q10. D

Q11. C

Q12. A

Q13. A

Q14. A

Q15. C

Q16. A

Q17. A

Q18. D

Q19. B

Q20. B

Q21. B



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Department of Electronics & Communication Engineering

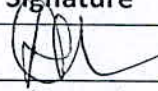



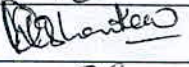

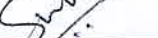
Q22. D

Q23. A

Q24. C

Q25. A

Approved by Academic Committee Members & Guest Speaker

Sl. No.	Faculty Name	Designation	Signature
1.	Dr. Sateesh Kumar H C	Professor	
2.	Dr. Prakash Jadhav	Associate Professor	
3.	Prof. Agalya P	Associate Professor	
4.	Prof. Shobha S	Associate Professor	
5.	Prof. Ravishankara M N	Associate Professor	
6.	Prof. Shobha I Hugar	Assistant Professor	
7.	Dr. Sudha M S	Assistant Professor	



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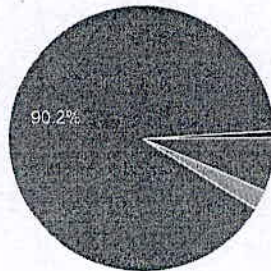
Test on Certification course on Python programming

122 responses

Publish analytics

1. Which of the following is correct about Python?

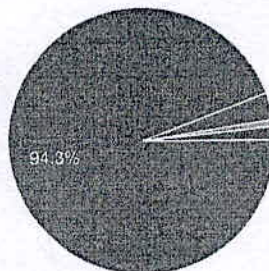
122 responses



- ☒ Python is a high-level, interpreted, interactive and object-oriented scripting language...
- ☐ Python is designed to be highly readable.
- ☐ It uses English keywords frequently where as other languages use punctuation, a...
- ☐ All of the above.
- ☐ D

2. Which of the following environment variable for Python tells the Python interpreter where to locate the module files imported into a program?

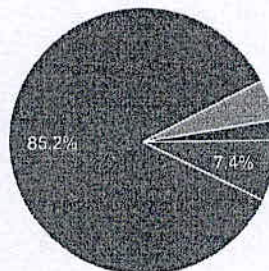
122 responses



- ☒ PYTHONPATH
- ☐ PYTHONSTARTUP
- ☐ PYTHONCASEOK
- ☐ PYTHONHOME

3 - Which of the following environment variable for Python contains the path of an initialization file containing Python source code?

122 responses

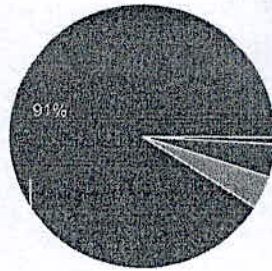


- ☒ PYTHONPATH
- ☐ PYTHONSTARTUP
- ☐ PYTHONCASEOK
- ☐ PYTHONHOME

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8 - Which of the following is correct about tuples in python?

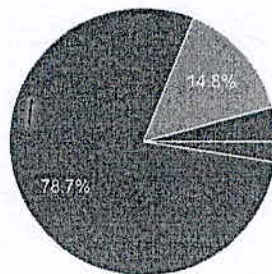
122 responses



- ☐ A tuple is another sequence data type that is similar to the list.
- ☐ A tuple consists of a number of values separated by commas.
- ☐ Unlike lists, however, tuples are enclosed within parentheses.
- ☐ All of the above.

9 - What is the output of print tuple[0] if tuple = 'abcd', 786, 2.23, 'john', 70.2?

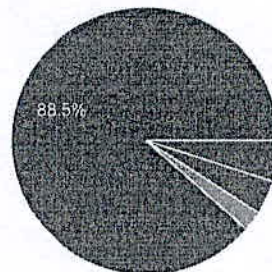
122 responses



- ☐ 'abcd', 786, 2.23, 'john', 70.2
- ☐ abcd
- ☐ Error
- ☐ None of the above

10 - Which of the following is correct about dictionaries in python?

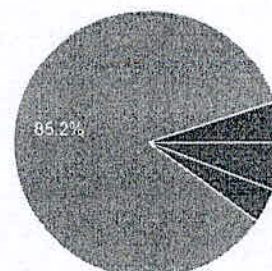
122 responses



- ☐ Python's dictionaries are kind of hash table type.
- ☐ A dictionary key can be almost any Python type, but are usually numbers or strings. Values, on the other hand, can be any ar...
- ☐ They work like associative arrays or hashes found in Perl and consist of key-value pairs.
- ☐ All of the above.

11 - Which of the following function of dictionary gets all the values from the dictionary?

122 responses

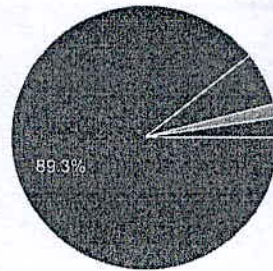


- ☐ getvalues
- ☐ value
- ☐ values
- ☐ None of the above.

Handwritten signature

12 - Which of the following function convert a string to an int in python?

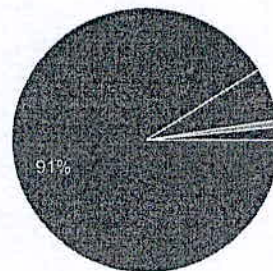
122 responses



- intx[, base]
- longx[, base]
- floatx
- strx 4

13 - Which of the following function convert an integer to an unicode character in python?

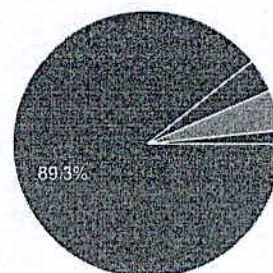
122 responses



- unichrx
- ordx
- hexx
- octx

14 - Which of the following operator in python performs exponential powercalculation on operands?

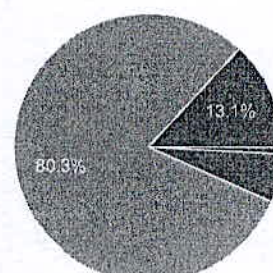
122 responses



- **
- //
- is
- not in

15 - Which of the following operator in python evaluates to true if the variables on either side of the operator point to the same object and false otherwise?

122 responses

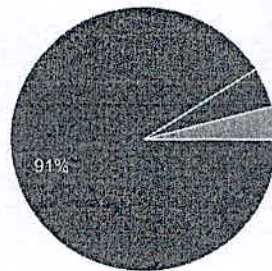


- **
- //
- is
- not in

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16 - Which of the following statement terminates the loop statement and transfers execution to the statement immediately following the loop?

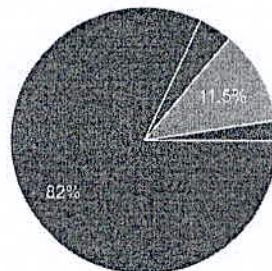
122 responses



- break
- continue
- pass
- None of the above.

17 - Which of the following function returns a random item from a list, tuple, or string?

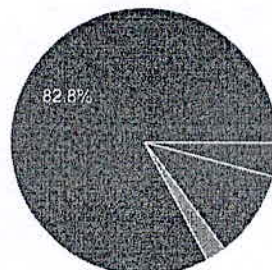
122 responses



- choiceseq
- randrange [start, stop[, step]]
- random
- seed[x]

18 - Which of the following function sets the integer starting value used in generating random numbers?

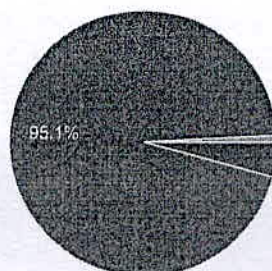
122 responses



- choiceseq
- randrange [start, stop[, step]]
- random
- seed[x]

19 - Which of the following function capitalizes first letter of string?

122 responses

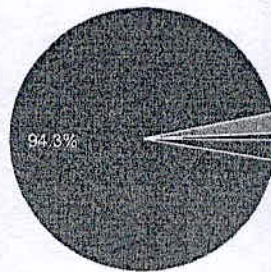


- shuffle1st
- capitalize
- isalnum
- isdigit

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20 - Which of the following function checks in a string that all characters are numeric?

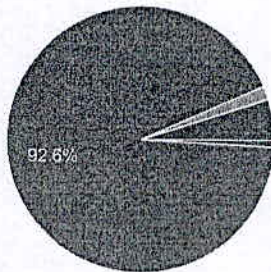
122 responses



- islower
- isnumeric
- isspace
- istitle

21 - Which of the following function merges elements in a sequence?

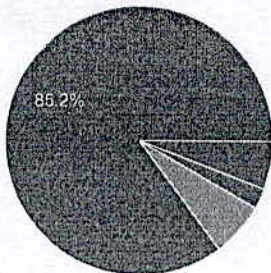
122 responses



- isupper
- joinseq
- lenstring
- jwidth[, fillchar]

22 - Which of the following function returns titlecased version of string?

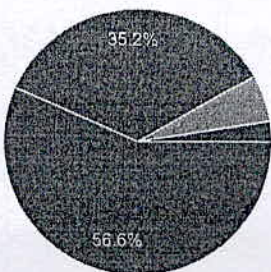
122 responses



- replaceold, new[, max]
- strip(chars)
- swapcase
- title

23 - What is the output of L[-2] if L = [1,2,3]?

122 responses

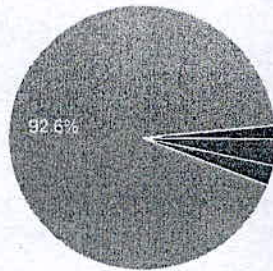


- 1
- 2
- 3
- None of the above


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24 - What is the following function returns item from the list with max value?

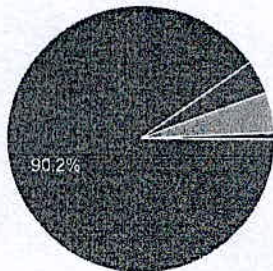
122 responses



- cmplist
- lenlist
- maxlist
- minlist

25 - What is the following function reverses objects of list in place?

122 responses



- list.reverse
- list.sort[func]
- list.popobj = list[- 1]
- list.removeobj

Name and USN

122 responses

1sg15ec001

1sg17ec039

1SG18EC119

1SG18EC051

SWETA PRAKASH RASTAPUR -1sg17ec098

Sneha v 1SG17EC090

Apurva M Shet- 1SG18EC008

Samata Gajanan Munagekar (1sg17ec080)

Priyanka R 1SG17EC069

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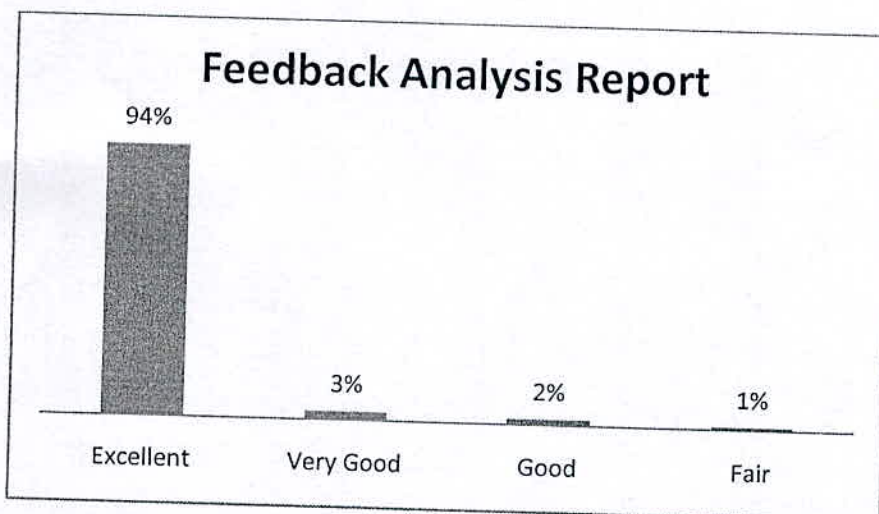
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Department of Electronics & Communication Engineering

FEEDBACK ANALYSIS

Certification Programme: "PYTHON Programming and its Applications in Image Processing"

No. of students	Student Feedback (%)			
	Excellent	Very Good	Good	Fair
98	92	3	2	1



Feedback Report:

94 % of students were completely happy with the certification program and 3 % of students felt it was a good program and remaining 3 % students were satisfied with the program.

Action Taken: The Feedback report which was collected from the students was considered to take necessary actions and conduct more programs for the benefit of students.



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Department of Electronics & Communication Engineering

Post Event Report

Certification Course on PYTHON Programming

Department of ECE conducted Certification Course on PYTHON Programming as an additional course to 5th and 7th semester students to enhance their knowledge in scripting languages (Modern Tool Usage - PO5).

- Speaker:**
- (i) Prof. Suriya Prakash J, Department of CSE, Sapthagiri college of Engineering, Bangalore.
 - (ii) Prof. Sandeep Kumar K, Department of ECE, Acharya Institute of Technology, Bangalore.
 - (iii) Mr. Praveen Ramanna, Software Engineering Manager, Naunce Communication INC., Bangalore.

Duration of the course: 23-12-2020 to 29-12-2020

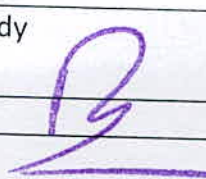
Course Delivery Mode : Google Meet

Course details : PYTHON Programming and its Applications in Image Processing

Objective of the Course: The course is to make the students to be familiar with PYTHON Programming and its application in implementing Image processing Algorithms.

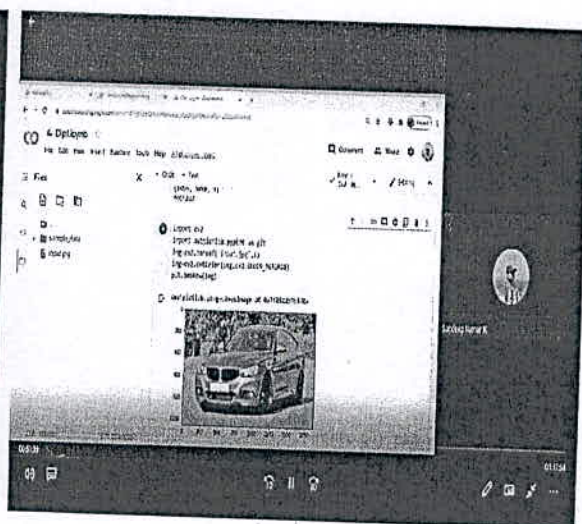
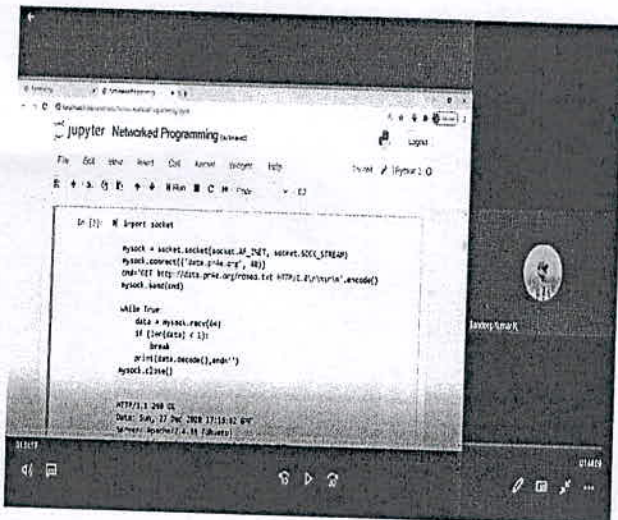
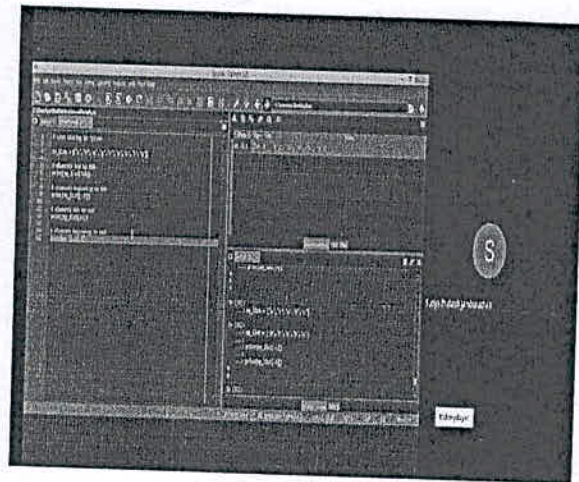
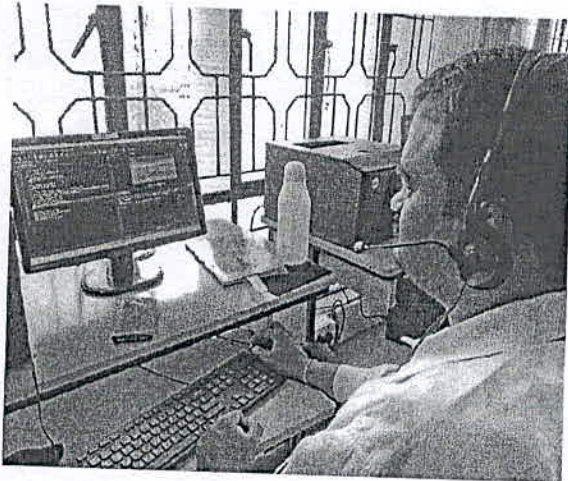
Certification Course Day wise report

Date	Topics Delivered
23.12.2020	Speaker delivered lecture on Introduction to python programming, Python interpreter and interactive mode, data types & operators and hands on session on IDE installation.
24.12.2020	Speaker delivered lecture on different string functions, lists and different conditional statements used in PYTHON with Hands on session
26.12.2020	Speaker delivered lecture on Modules and functions, different iteration statements and Program flow & execution with illustrative programs
28.12.2020	Speaker delivered lecture on implementation of Image processing algorithms using PYTHON and opencv with Hands on session.
29.12.2020	Case - study
16.01.2021	Test



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Resource Person Delivering the Course through Google meet



Conclusion:

Certification course made 94 % of students out of 122 registered students comfortable with programming in PYTHON for Image processing Applications. Through this course, an ecstatic learning background paved way to a positive learning environment in the class (Google Meet) where active participation was seen from every end. The optimistic learning environment prompted motivation in the learning of the students. A sense of satisfaction was also seen among students. This Course helped the students to improve their knowledge in python programming in the field of artificial intelligence and machine learning.

Coordinators

P. Agalya, S. Shobha

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Head of the Department

HOD, ECE

Dr. H.C. Sateesh Kumar

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Five days certification course on

PYTHON Programming and its Applications in Image Processing

This is to certify that Mr/Ms <Name> has successfully Completed a five days certification course on ***"PYTHON PROGRAMMING and its Applications in Image Processing"*** organized by the **Department of Electronics and Communication Engineering**, Sapthagiri College of Engineering, Bengaluru from 23rd December 2020 to 29th December 2020.

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SCE, Bengaluru

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