



# SRI BHARATHI

ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)  
Kaikkurichi, Pudukkottai -622 303

[www.sbec.edu.in](http://www.sbec.edu.in)

## NAAC DOCUMENTS



Quality Indicator Frame Work

Criterion – 2

Teaching-Learning and Evaluation

Submitted by

**IQAC**

**Internal Quality Assurance Cell**

**Sri Bharathi Engineering College for Women**



**Criteria 2**

**Teaching-Learning and Evaluation**

**350**

**Key Indicator- 2.3. Teaching- Learning Process (40)**

**2018-2019**

**INFORMATION TECHNOLOGY**  
**PARTICIPATIVE LEARNING**

Activity	Number of Students Attended	Page No.
Value Added Course (VAC)	48	3
Workshop and Symposium	08	58
<b>TOTAL STUDENTS ATTENDED</b>	<b>56</b>	<b>-</b>



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**Criteria 2**

**Teaching-Learning and Evaluation**

**350**

**Key Indicator- 2.3. Teaching- Learning Process (40)**

**2018-2019**

**INFORMATION TECHNOLOGY**

**PARTICIPATIVE LEARNING**

**VALUE ADDED COURSE**





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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

Date: 12 /06 / 2018

### DEPARTMENT CIRCULAR


A Value added course on “Diversity in Python Programming” will be conducted by Galwin Technology, Trichy in the college campus for all Second year, Third year and Final Year CSE & IT students from 18/06/2018 to 22/06/2018. Certificates will be issued to eligible participants at the end of the course.

S.No.	Name of the Course	Resource Person
1.	Diversity in Python Programming	<b>Resource Person1:</b> Mr.Kamalakaran., Trainer Galwin Technology <b>Resource Person2:</b> Mr. Gopala Krishnan., Trainer Galwin Technology

CC:

- Principal's Office
- IQAC Coordinator
- Class In charges –II,III,IV year
- CSE,IT Students–II,III,IV year
- Notice Board

  
**Dr. S. THILAGAVATHI M.E., Ph.D.,**  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai, Dt

  
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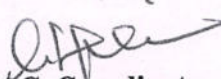
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

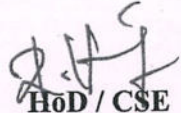
Value Added Course on “Diversity in Python Programming”

### SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	Introduction to Python, Python definition, History of python, python installation and basic syntax	3	18.06.2018
2	operators in python. Illustrative programs:	3	18.06.2018
3	Data types: int, float, boolean, string, and list; variables, expressions, statements, List	3	19.06.2018
4	Tuple, Dictionary, comments, Illustrative programs	3	19.06.2018
5	Conditionals: Boolean values and operators, conditional (if), alternative (if-else), chained conditional Illustrative programs	3	20.06.2018
6	Iteration: state, while, for; Illustrative programs	3	20.06.2018
7	Lists: list operations, list slices, list methods list loop, mutability, Illustrative programs	3	21.06.2018
8	Lists: list operations, list slices, list methods Illustrative programs	3	21.06.2018
9	Strings: string slices, immutability, string functions and methods, string module; Illustrative programs	3	22.06.2018
10	Towers of Hanoi simple sorting, histogram, Students marks statement, Retail bill preparation , insert a card in a list of sorted cards	3	22.06.2018
<b>Total Hours :</b>		<b>30</b>	

  
VAC Coordinator

  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2018-2019 / ODD SEMESTER

Value Added Course on “Diversity in Python Programming”

### STUDENTS PARTICIPATION LIST-VAC PROGRAM

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/BRANCH
1	912615104001	ABIRAMI .R	IV / CSE
2	912615104002	ABIRAMI .S	IV / CSE
3	912615104003	AISHWARYA .S	IV / CSE
4	912615104004	AKALYA .R	IV / CSE
5	912615104005	AUXILIA .A	IV / CSE
6	912615104007	GUNABALA .N	IV / CSE
7	912615104009	KALEESWARI .S	IV / CSE
8	912615104010	KANIMOZHI .A	IV / CSE
9	912615104011	KOKILA .R	IV / CSE
10	912615104012	NANTHINI .N	IV / CSE
11	912615104013	PRIYA .S	IV / CSE
12	912615104014	PRIYADHARSHINI .M	IV / CSE
13	912615104015	RESHMA BARVEEN .S	IV / CSE
14	912615104016	SANTHANA LAKSHMI .C	IV / CSE
15	912615104017	SAROJA .M	IV / CSE
16	912615104018	SINEHA .C	IV / CSE
17	912615104019	SOWMIYA .S	IV / CSE
18	912615104301	DHARANI V	IV / CSE
19	912615104303	LAKSHMI PRIYA G	IV / CSE
20	912615104305	SATHYA D	IV / CSE
21	912615104901	SHENAZ SHERIN.Z	IV / CSE
22	912615205001	AARTHI .P	IV / IT
23	912615205002	AARTHIKA .S	IV / IT
24	912615205003	KAMALAVALLI .K	IV / IT
25	912615205004	MAHALAKSHMI .S	IV / IT
26	912615205005	RENUGA .K	IV / IT
27	912315205301	SANGAVDD S.THILAGAVATHI M.E., Ph.D.	

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28	912616104001	ATCHAYA.A	III / CSE
29	912616104003	DURGADEVI.D	III / CSE
30	912616104004	GAYATHRI.K	III / CSE
31	912616104005	ISWARYA.M	III / CSE
32	912616104006	ISWARYA.P	III / CSE
33	912616104007	JENCIYA.C	III / CSE
34	912616104008	KARTHIKA.K	III / CSE
35	912616104009	KEERTHANA.M	III / CSE
36	912616104010	KEERTHANA.S	III / CSE
37	912616104011	LAKSHMI.G	III / CSE
38	912616104012	MEERA.C	III / CSE
39	912616104013	NUR ASYIKIN.H	III / CSE
40	912616104014	RILVANA.V	III / CSE
41	912616104015	SANGEETHA.K	III / CSE
42	912616104017	SATHYA.T	III / CSE
43	912616104018	SUBHA.S	III / CSE
44	912616104019	SWATHI.P	III / CSE
45	912616104020	VAISHNAVI.M	III / CSE
46	912616104021	YAZHINIE.M	III / CSE
47	912616104301	MARIYA RUSHANTHINI.R	III / CSE
48	912616104501	ABINAYA R	III / CSE
49	912616205001	ARCHANA.T	III / IT
50	912616205002	FAZILA BEGAM.S	III / IT
51	912616205003	GAYATHRI.M	III / IT
52	912616205004	MADHU BASHINI.B	III / IT
53	912616205005	MAHALAKSHMI.R	III / IT
54	912616205006	MURUGASHANTHINI.O	III / IT
55	912616205007	PIRAINUTHALSELVI.M	III / IT
56	912616205008	SOWMIYA.N	III / IT
57	912616205701	MOHANAPRIYA.K	III / IT
58	912617104001	ADAIKKALAJAYASRI.J	II / CSE
59	912617104002	AKILA.S	II / CSE
60	912617104003	BAVANI.V	II / CSE
61	912617104004	DHANALAKSHMI.S	II / CSE
62	912617104005	INDUMATHI.S	II / CSE
63	912617104006	KARTHIKA.S	II / CSE
64	912617104007	KAYATHRI.K	II / CSE
65	912617104008	MULLAIYARASI.R	II / CSE
66	912617104009	NISHA DEVI.G	II / CSE
67	912617104010	PARAMESHWARI.S	II / CSE
68	912617104011	PERIYANAYAGI.M	II / CSE

Dr. S. THILAGAVATHI M.E., Ph.D.,  
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69	912617104012	PRIYADARSHINI.S	II / CSE
70	912617104013	PRIYADHARSHINI.C	II / CSE
71	912617104014	PRIYATHARSHINI.V	II / CSE
72	912617104015	RIZWANA PARVEEN.Z	II / CSE
73	912617104016	SAITHANYA.K	II / CSE
74	912617104017	SEETHALAKSHMI.S	II / CSE
75	912617104018	VAHINI.D	II / CSE
76	912617104019	VINOTHA.P	II / CSE
77	912617104301	JAYA PREETHA C	II / CSE
78	912617104302	RAJA LAKSHMI R	II / CSE
79	912617104303	SANGEETHA S	II / CSE
80	912617104701	NAVINA N	II / CSE
81	912617205001	ANUSHIYA.T	II / IT
82	912617205002	GAYADHRI.S	II / IT
83	912617205003	KALAIVANI.K	II / IT
84	912617205004	MARYSELCIYA.S	II / IT
85	912617205005	MERCY KIRUBA.C	II / IT
86	912617205006	RUPASRLM	II / IT
87	912617205007	SHANMATHI.S	II / IT
88	912617205008	VINODHINI.M	II / IT
89	912617205301	HEMALATHA A	II / IT

  
VAC Coordinator

  
HOD / CSE

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COLLEGE FOR WOMEN  
KAIKKURICHI,  
PUDUKKOTTAI - 622 303

  
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PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

Value Added Course on “Diversity in Python Programming”

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/ BRANCH	DATE 18.06.18		DATE 19.06.18		DATE 20.06.18		DATE 21.06.18		DATE 22.06.18		NO OF SESSIONS ATTENDED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1	912615104001	ABIRAMI .R	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Abiramy
2	912615104002	ABIRAMI .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Abirami
3	912615104003	AISHWARYA .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Aishwaryas
4	912615104004	AKALYA .R	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Akalya
5	912615104005	AUXILIA .A	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Auxilia
6	912615104007	GUNABALA .N	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Gunabala
7	912615104009	KALEESWARI .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	09	Kaleeswari
8	912615104010	KANIMOZHI .A	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Kanimozhi
9	912615104011	KOKILA .R	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Kokila
10	912615104012	NANTHINI .N	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Nanthini

Dr S. THILAGAVATHI M.E., Ph.D.,

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11	912615104013	PRIYA .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Priya .s
12	912615104014	PRIYADHARSHINI .M	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Priya
13	912615104015	RESHMA BARVEEN .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Reshma
14	912615104016	SANTHANA LAKSHMI .C	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Santha
15	912615104017	SAROJA .M	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Saroja .m
16	912615104018	SINEHA .C	IV / CSE	/	/	/	/	a	a	/	/	/	/	08	Sineha
17	912615104019	SOWMIYA .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Sowmiya
18	912615104301	DHARANI V	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Dharani
19	912615104303	LAKSHMI PRIYA G	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Pr. lakshmi
20	912615104305	SATHYA D	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Sathya .D
21	912615104901	SHENAZ SHERIN.Z	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Z. Suf.
22	912615205001	AARTHI .P	IV / IT	/	/	/	/	/	/	/	/	/	/	10	Aarthi
23	912615205002	AARTHIKA .S	IV / IT	/	/	/	/	/	/	/	/	/	/	10	Aarthika
24	912615205003	KAMALAVALLI .K	IV / IT	/	/	/	/	/	/	/	/	/	/	10	Kamalavalli
25	912615205004	MAHALAKSHMI .S	IV / IT	/	/	/	/	/	/	/	/	/	/	10	S. Mahalakshmi
26	912615205005	RENUGA .K	IV / IT	/	/	/	/	/	/	/	/	/	/	10	Renuga
27	912315205301	SANGAVI D	IV / IT	/	/	/	/	/	/	/	/	/	/	10	Sangavi

  
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 PRINCIPAL  
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28	912616104001	ATCHAYA.A	III / CSE	/	/	/	/	/	/	/	/	/	/	10	A. Abalga
29	912616104003	DURGADEVI.D	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Durga
30	912616104004	GAYATHRI.K	III / CSE	/	/	/	/	/	/	/	/	/	/	10	K. Gayathri
31	912616104005	ISWARYA.M	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Iswarya
32	912616104006	ISWARYA.P	III / CSE	/	/	/	/	/	/	/	/	/	/	10	P. Iswarya
33	912616104007	JENCIYA.C	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Jencya
34	912616104008	KARTHIKA.K	III / CSE	/	/	/	/	/	/	/	/	/	/	10	K. kartika
35	912616104009	KEERTHANA.M	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Keethana
36	912616104010	KEERTHANA.S	III / CSE	/	/	/	/	/	/	/	/	/	/	10	S. Keerthana
37	912616104011	LAKSHMI.G	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Lakshmi
38	912616104012	MEERA.C	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Meera
39	912616104013	NUR ASYIKIN.H	III / CSE	/	/	/	/	a	a	/	/	/	/	08	Nurasyikin
40	912616104014	RILVANA.V	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Rilvana
41	912616104015	SANGEETHA.K	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Sangeetha
42	912616104017	SATHYA.T	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Sathya.T
43	912616104018	SUBHA.S	III / CSE	/	/	/	/	/	/	/	/	/	/	10	S. Subha
44	912616104019	SWATHI.P	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Swathi
45	912616104020	VAISHNAVI.M	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Vaishnavi

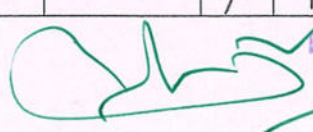
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PRINCIPAL

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46	912616104021	YAZHINIE.M	III / CSE	/	/	/	/	/	/	/	/	/	/	10	M. yash
47	912616104301	MARIYA RUSHANTHINI.R	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Mariya
48	912616104501	ABINAYA R	III / CSE	/	/	/	/	/	/	/	/	/	/	10	R. Abinaya
49	912616205001	ARCHANA.T	III / IT	/	/	/	/	/	/	/	/	/	/	10	Archana
50	912616205002	FAZILA BEGAM.S	III / IT	/	/	/	/	/	/	/	/	/	/	10	Begam
51	912616205003	GAYATHRI.M	III / IT	/	/	/	/	/	/	/	/	/	/	10	Gayathri
52	912616205004	MADHU BASHINI.B	III / IT	/	/	/	/	/	/	/	/	/	/	10	madhubashini
53	912616205005	MAHALAKSHMI.R	III / IT	/	/	/	/	/	/	/	/	/	/	10	Muthu
54	912616205006	MURUGASHANTHINI.O	III / IT	/	/	/	/	/	/	/	/	/	/	10	Muruga Shanthi
55	912616205007	PIRAINUTHALSELVI.M	III / IT	/	/	/	/	/	/	/	/	/	/	10	Pirainuthaleelvi
56	912616205008	SOWMIYA.N	III / IT	/	/	/	/	/	/	/	/	/	/	10	S. Sowmya
57	912616205701	MOHANAPRIYA.K	III / IT	/	/	/	/	/	/	/	/	/	/	10	Mohana Priya
58	912617104001	ADAIKKALAJAYASRI.J	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Adikalata
59	912617104002	AKILA.S	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Akila
60	912617104003	BAVANI.V	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Bavanis
61	912617104004	DHANALAKSHMI.S	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Dhana
62	912617104005	INDUMATHI.S	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Indu
63	912617104006	KARTHIKA.S	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Karthika


 Dr. S. THILAGAVATHI M.E., Ph.D.,  
 PRINCIPAL  
 SRI BHARATHI ENGINEERING  
 COLLEGE FOR WOMEN  
 22-11-5th St., 600 002, Dindurthi, Tamil Nadu



64	912617104007	KAYATHRI.K	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Kayathrik
65	912617104008	MULLAIYARASI.R	II / CSE	/	/	/	/	/	/	/	/	/	/	10	P.Mullayarasi
66	912617104009	NISHA DEVI.G	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Nisha.
67	912617104010	PARAMESHWARI.S	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Parameswari
68	912617104011	PERIYANAYAGI.M	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Jolya
69	912617104012	PRIYADARSHINI.S	II / CSE	/	/	/	/	/	/	/	/	/	/	10	PriyaDhana.
70	912617104013	PRIYADHARSHINI.C	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Priya.
71	912617104014	PRIYATHARSHINI.V	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Priyathas
72	912617104015	RIZWANA PARVEEN.Z	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Rizwana
73	912617104016	SAITHANYA.K	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Seethya
74	912617104017	SEETHALAKSHMI.S	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Seethal
75	912617104018	VAHINI.D	II / CSE	/	/	/	/	/	/	/	/	/	/	10	D.Vahini
76	912617104019	VINOTHA.P	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Vinoth
77	912617104301	JAYA PREETHA C	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Vinothas
78	912617104302	RAJA LAKSHMI R	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Jayapreetha
79	912617104303	SANGEETHA S	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Riya
80	912617104701	NAVINA N	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Navina.N.
81	912617205001	ANUSHIYA.T	II / IT	/	/	/	/	/	/	/	/	/	/	10	Ana

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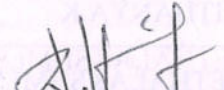


82	912617205002	GAYADHRI.S	II / IT	/	/	/	/	/	/	/	/	/	/	10	Gayathri
83	912617205003	KALAIVANI.K	II / IT	/	/	/	/	/	/	/	/	/	/	10	Kalavani
84	912617205004	MARYSELCIYA.S	II / IT	/	/	/	/	/	/	/	/	/	/	10	Mary.
85	912617205005	MERCY KIRUBA.C	II / IT	/	/	/	/	/	/	/	/	/	/	10	Mercy
86	912617205006	RUPASRI.M	II / IT	/	/	/	/	/	/	/	/	/	/	10	Rupasri
87	912617205007	SHANMATHI.S	II / IT	/	/	/	/	/	/	/	/	/	/	10	Shanmathi
88	912617205008	VINODHINI.M	II / IT	/	/	/	/	/	/	/	/	/	/	10	Vinodhini
89	912617205301	HEMALATHA A	II / IT	/	/	/	/	/	/	/	/	/	/	10	Hema

  
VAC Coordinator



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(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)  
Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

## Report on Value Added Course

Title: Diversity in Python Programming

Resource Person:

**Resource Person 1 :**

Mr.Kamalakannan  
Trainer  
Galwin Technology

**Resource Person 2 :**

Mr.Gopalakrishna  
Trainer  
Galwin Technolgy

Date of conduct from : 18.06.2018 To: 22.06.2018 Duration: 30 Hours

Organized Department : COMPUTER SCIENCE AND ENGINEERING

Participant Year: 2,3, 4 - (CSE,IT) Semester: ODD No. of Students Registered : 89

Venue: Auditorium

### Outcome of Value Added Course (VAC)

At the end of the VAC course the student can able to

- Describe basic characteristics and data types of Python.
- Know the conditional statement in python.
- Develop Operators in python.
- Develop a Python application.
- Develop Python programs using Python basic concepts.
- Build Python applications using Operators in python.
- Develop Python applications using conditional statement in python.

### Assessment Process

- Students securing **more than 60% on total score** and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score = (0.5 \* Attendance in VAC out of 100 percentage + 0.5 \* Test mark in VAC out of 100 marks)

VAC Coordinator

HOD/CSE

Principal

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PUDUKKOTTAI DISTRICT





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KAIKKURICHI, PUDUKKOTTAI-622303



*Certificate of completion*

**VALUE ADDED PROGRAM**

This is to Certify that Mr/Ms. SUBHA.S of III CSE has successfully completed Value Added Course on "Diversity in Python Programming" organized by the Department of Computer Science And Engineering in association with Galwin Technology from 18.06.2018 to 22.06.2018 during the academic year 2018-2019 [5 Days].

**Managing Director**  
Galwin Technology

**HoD/CSE**  
SBECW

**PRINCIPAL**  
SBECW

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*Certificate of completion*

**VALUE ADDED PROGRAM**

This is to Certify that Mr/Ms. PRIYA.S of IV CSE has successfully completed Value Added Course on "Diversity in Python Programming" organized by the Department of Computer Science And Engineering in association with Galwin Technology from 18.06.2018 to 22.06.2018 during the academic year 2018-2019[5 Days].

**Managing Director**  
Galwin Technology

**HoD/CSE**  
SBECW

**PRINCIPAL**  
SBECW

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**COLLEGE FOR WOMEN**  
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India  
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

Value Added Course on “Diversity in Python Programming”

**Name of the Student :**

**Year/Sem:**

**AU Register Number:**

### MCQ QUESTIONS ( 25X1 = 25 Marks)

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. Which of the following is an invalid variable?  
a) `my_string_1`  
b) `1st_string`  
c) `foo_`  
d) `_foo`
5. Why are local variable names beginning with an underscore discouraged?  
a) they are used to indicate a private variables of a class  
b) they confuse the interpreter  
c) they are used to indicate global variables  
d) they slow down execution
6. Which of the following is not a keyword?  
a) Eval  
b) assert  
c) nonlocal  
d) pass
7. All keywords in Python are in \_\_\_\_\_  
a) lower case  
b) UPPER CASE  
c) Capitalized  
d) None of the mentioned
8. Which of the following is true for variable names in Python?  
a) unlimited length  
b) all private members must have leading and trailing underscores  
c) underscore and ampersand are the only two special characters allowed  
d) none of the mentioned

  
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9. Which of the following is an invalid statement?

- a)  $abc = 1,000,000$
- b)  $a\ b\ c = 1000\ 2000\ 3000$

- c)  $a, b, c = 1000, 2000, 3000$
- d)  $a\_b\_c = 1,000,000$

10. Which of the following cannot be a variable?

- a) `init_`
- b) `in`

- c) `it`
- d) `on`

11. What is the output of `print 0.1 + 0.2 == 0.3`?

- a) True
- b) False

- c) Machine dependent
- d) Error

12. Which of the following is not a complex number?

- a)  $k = 2 + 3j$
- b)  $k = \text{complex}(2, 3)$

- c)  $k = 2 + 3I$
- d)  $k = 2 + 3J$

13. What is the type of `inf`?

- a) Boolean
- b) Integer

- c) Float
- d) Complex

14. What does `~4` evaluate to?

- a) -5
- b) -4

- c) -3
- d) +3

15. What does `~5` evaluate to?

- a) +5
- b) -11

- c) +11
- d) -5

16. Which of the following is incorrect?

- a)  $x = 0b101$
- b)  $x = 0x4f5$

- c)  $x = 19023$
- d)  $x = 03964$

17. What is the result of `cmp(3, 1)`?

- a) 1
- b) 0

- c) True
- d) False

18. Which of the following is incorrect?

- a) `float('inf')`
- b) `float('nan')`

- c) `float('56' + '78')`
- d) `float('12+34')`

19. What is the result of `round(0.5) - round(-0.5)`?

- a) 1.0
- b) 2.0

- c) 0.0
- d) None of the mentioned

20. What does  $3^4$  evaluate to?

- a) 81
- b) 12

- c) 0.75
- d) 7

  
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21 Which of the following is the use of id() function in python?

- a) Every object doesn't have a unique id
- b) Id returns the identity of the object
- c) All of the mentioned
- d) None of the mentioned

22 Which of the following is not a core data type in Python programming?

- a) Tuples
- b) Lists
- c) Class
- d) Dictionary

23 Which of these is the definition for packages in Python?

- a) A set of main modules
- b) A folder of python modules
- c) A number of files containing Python definitions and statements
- d) A set of programs making use of Python modules

24 What will be the output of the following Python function?

len(["hello", 2, 4, 6])

- a) Error
- b) 6
- c) 4
- d) 3

25 What will be the output of the following Python code snippet?

for i in [1, 2, 3, 4][::-1]:

print(i)

- a) 4 3 2 1
- b) error
- c) 1 2 3 4
- d) none of the mentioned

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VAC Coordinator





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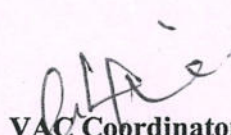
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

Value Added Course on “Diversity in Python Programming”

### ANSWER KEY

1	a	6	a	11	b	16	d	21	b
2	d	7	d	12	c	17	a	22	c
3	d	8	a	13	c	18	d	23	b
4	b	9	b	14	a	19	b	24	c
5	a	10	b	15	a	20	d	25	a

  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 / ODD SEMESTER

Value Added Course on "Diversity in Python Programming"

Name of the Student : M. Vinothini

Year/Sem: II / 03

AU Register Number: 912617205008

MCQ QUESTIONS ( 25X1 = 25 Marks)

22/25

1. Is Python case sensitive when dealing with identifiers?

- a) yes
- b) no

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- d) none of the mentioned

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- a) Eval
- b) assert

- c) nonlocal
- d) pass

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- a) lower case
- b) UPPER CASE

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trailing underscores

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 d) 3
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 b) error  
 c) 1 2 3 4  
 d) none of the mentioned

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 PRINCIPAL  
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VAC Coordinator





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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2018-2019 / ODD SEMESTER

### Value Added Course on “Diversity in Python Programming”

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/ BRANCH	ATTENDANCE DETAILS		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No of Sessions Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
1	912615104001	ABIRAMI .R	IV / CSE	10	100	23	92	96
2	912615104002	ABIRAMI .S	IV / CSE	10	100	24	96	98
3	912615104003	AISHWARYA .S	IV / CSE	10	100	22	88	94
4	912615104004	AKALYA .R	IV / CSE	10	100	24	96	98
5	912615104005	AUXILIA .A	IV / CSE	10	100	21	84	92
6	912615104007	GUNABALA .N	IV / CSE	10	100	23	92	96
7	912615104009	KALEESWARI .S	IV / CSE	9	90	24	96	93
8	912615104010	KANIMOZHI .A	IV / CSE	10	100	22	88	94
9	912615104011	KOKILA .R	IV / CSE	10	100	21	84	92
10	912615104012	NANTHINI .N	IV / CSE	10	100	23	92	96

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11	912615104013	PRIYA .S	IV / CSE	10	100	24	96	98
12	912615104014	PRIYADHARSHINI .M	IV / CSE	10	100	20	80	90
13	912615104015	RESHMA BARVEEN .S	IV / CSE	10	100	21	84	92
14	912615104016	SANTHANA LAKSHMI .C	IV / CSE	10	100	22	88	94
15	912615104017	SAROJA .M	IV / CSE	10	100	23	92	96
16	912615104018	SINEHA .C	IV / CSE	8	80	21	84	82
17	912615104019	SOWMIYA .S	IV / CSE	10	100	22	88	94
18	912615104301	DHARANI V	IV / CSE	10	100	24	96	98
19	912615104303	LAKSHMI PRIYA G	IV / CSE	10	100	23	92	96
20	912615104305	SATHYA D	IV / CSE	10	100	24	96	98
21	912615104901	SHENAZ SHERIN.Z	IV / CSE	10	100	22	88	94
22	912615205001	AARTHI .P	IV / IT	10	100	23	92	96
23	912615205002	AARTHIKA .S	IV / IT	10	100	23	92	96
24	912615205003	KAMALAVALLI .K	IV / IT	10	100	21	84	92
25	912615205004	MAHALAKSHMI .S	IV / IT	10	100	22	88	94
26	912615205005	RENUGA .K	IV / IT	10	100	22	88	94
27	912315205301	SANGAVI D	IV / IT	10	100	21	84	92
28	912616104001	ATCHAYA.A	III / CSE	10	100	24	96	98
29	912616104003	DURGADEVI.D	III / CSE	10	100	24	96	98

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30	912616104004	GAYATHRI.K	III / CSE	10	100	22	88	94
31	912616104005	ISWARYA.M	III / CSE	10	100	24	96	98
32	912616104006	ISWARYA.P	III / CSE	10	100	21	84	92
33	912616104007	JENCIYA.C	III / CSE	10	100	24	96	98
34	912616104008	KARTHIKA.K	III / CSE	10	100	24	96	98
35	912616104009	KEERTHANA.M	III / CSE	10	100	24	96	98
36	912616104010	KEERTHANA.S	III / CSE	10	100	22	88	94
37	912616104011	LAKSHMI.G	III / CSE	10	100	23	92	96
38	912616104012	MEERA.C	III / CSE	10	100	22	88	94
39	912616104013	NUR ASYIKIN.H	III / CSE	8	80	23	92	86
40	912616104014	RILVANA.V	III / CSE	10	100	22	88	94
41	912616104015	SANGEETHA.K	III / CSE	10	100	22	88	94
42	912616104017	SATHYA.T	III / CSE	10	100	21	84	92
43	912616104018	SUBHA.S	III / CSE	10	100	23	92	96
44	912616104019	SWATHI.P	III / CSE	10	100	22	88	94
45	912616104020	VAISHNAVI.M	III / CSE	10	100	24	96	98
46	912616104021	YAZHINIE.M	III / CSE	10	100	21	84	92
47	912616104301	MARIYA RUSHANTHINI.R	III / CSE	10	100	23	92	96
48	912616104501	ABINAYA R	III / CSE	10	100	24	96	98

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49	912616205001	ARCHANA.T	III / IT	10	100	24	96	98
50	912616205002	FAZILA BEGAM.S	III / IT	10	100	23	92	96
51	912616205003	GAYATHRI.M	III / IT	10	100	22	88	94
52	912616205004	MADHU BASHINI.B	III / IT	10	100	23	92	96
53	912616205005	MAHALAKSHMI.R	III / IT	10	100	24	96	98
54	912616205006	MURUGASHANTHINI.O	III / IT	10	100	24	96	98
55	912616205007	PIRAINUTHALSELVI.M	III / IT	10	100	24	96	98
56	912616205008	SOWMIYA.N	III / IT	10	100	24	96	98
57	912616205701	MOHANAPRIYA.K	III / IT	10	100	23	92	96
58	912617104001	ADAIKKALAJAYASRI.J	II / CSE	10	100	21	84	92
59	912617104002	AKILA.S	II / CSE	10	100	24	96	98
60	912617104003	BAVANI.V	II / CSE	10	100	22	84	92
61	912617104004	DHANALAKSHMI.S	II / CSE	10	100	24	96	98
62	912617104005	INDUMATHI.S	II / CSE	10	100	24	96	98
63	912617104006	KARTHIKA.S	II / CSE	10	100	25	100	100
64	912617104007	KAYATHRI.K	II / CSE	10	100	23	92	96
65	912617104008	MULLAIYARASI.R	II / CSE	10	100	23	92	96
66	912617104009	NISHA DEVI.G	II / CSE	10	100	23	92	96
67	912617104010	PARAMESHWARI.S	II / CSE	10	100	24	96	98

Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL

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68	912617104011	PERIYANAYAGI.M	II / CSE	10	100	22	88	94
69	912617104012	PRIYADARSHINI.S	II / CSE	10	100	23	92	96
70	912617104013	PRIYADHARSHINI.C	II / CSE	10	100	25	100	100
71	912617104014	PRIYATHARSHINI.V	II / CSE	10	100	24	96	98
72	912617104015	RIZWANA PARVEEN.Z	II / CSE	10	100	23	92	96
73	912617104016	SAITHANYA.K	II / CSE	10	100	21	84	92
74	912617104017	SEETHALAKSHMI.S	II / CSE	10	100	24	96	98
75	912617104018	VAHINI.D	II / CSE	10	100	24	96	98
76	912617104019	VINOTHA.P	II / CSE	10	100	24	96	98
77	912617104301	JAYA PREETHA C	II / CSE	10	100	22	88	94
78	912617104302	RAJA LAKSHMI R	II / CSE	10	100	21	84	92
79	912617104303	SANGEETHA S	II / CSE	10	100	22	88	94
80	912617104701	NAVINA N	II / CSE	10	100	24	96	98
81	912617205001	ANUSHIYA.T	II / IT	10	100	24	96	98
82	912617205002	GAYADHRI.S	II / IT	10	100	24	96	98
83	912617205003	KALAIVANI.K	II / IT	10	100	23	92	96
84	912617205004	MARYSELCIYA.S	II / IT	10	100	21	84	92
85	912617205005	MERCY KIRUBA.C	II / IT	10	100	24	96	98
86	912617205006	RUPASRI.M	II / IT	10	100	24	96	98

Dr. S. THIRUGAVATHI M.E., Ph.D.,  
PRINCIPAL

SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurchi - 622 303, Pudukkottai Dt.



87	912617205007	SHANMATHI.S	II / IT	10	100	24	96	98
88	912617205008	VINODHINI.M	II / IT	10	100	22	88	94
89	912617205301	HEMALATHA A	II / IT	10	100	23	92	96

  
**VAC Coordinator**

  
**Dr. S.THILAGAVATHI M.S., Ph.D.,**  
 PRINCIPAL  
 SRI BHARATHI ENGINEERING  
 COLLEGE FOR WOMEN  
 Kaikkurchi - 622 303, Pudukkottai Dt.

  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

Date: 04/12/2018

### DEPARTMENT CIRCULAR

A Value added course on “Cloud infra structure and services” will be conducted by **Apple computers and education, Trichy** in the college campus for all Second year, Third year, Final Year CSE and IT students from 10/12/2018 to 14/12/2018. Certificates will be issued to eligible participants at the end of the course.

S.No.	Name of the Course	Resource Person
1.	Cloud infra structure and services	<b>Resource Person 1 :</b> Mr. M. Stephen M.E Master Trainer Apple computers and education <b>Resource Person 2 :</b> Mr. M.Sathyaraj B.E Master Trainer Apple computers and education

CC:

- Principal's office
- IQAC Coordinator
- Class In charges –II,III,IV year
- CSE & IT Students–II,III,IV year
- Notice Board

  
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Dr. **S.THILAGAVATHI M.E., Ph.D.,**  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

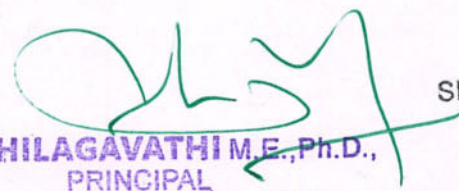
ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

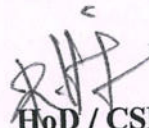
Value Added Course on “Cloud infra structure and services”

### SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE FN/AN
1	Introduction to the Cloud Computing, History of cloud computing, Cloud service options, Cloud Deployment models	3	10.12.2018
2	Business concerns in the cloud - Exploring virtualization, Load balancing	3	10.12.2018
3	Hypervisors, Machine imaging, Cloud marketplace overview, Comparison of Cloud providers	3	11.12.2018
4	AWS history, AWS Infrastructure, AWS services, AWS ecosystem.	3	11.12.2018
5	Basic Understanding APIs - AWS programming interfaces, Web services, AWS URL naming, Matching interfaces and services, Elastic block store	3	12.12.2018
6	Simple storage service, Glacier - Content delivery platforms	3	12.12.2018
7	Users, groups, and roles - Understanding credentials, Security policies, IAM abilities and limitations, AWS physical security - AWS compliance initiatives,	3	13.12.2018
8	Understanding public/private keys, Other AWS security capabilities.	3	13.12.2018
9	Virtual private clouds, Cloud models, Private DNS servers	3	14.12.2018
10	Relational database service – DynamoDB, ElastiCache, Redshift.	3	14.12.2018
<b>Total Hours :</b>		<b>30</b>	

  
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PRINCIPAL  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

Value Added Course on “Cloud infra structure and services”

### STUDENTS PARTICIPATION LIST-VAC PROGRAM

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/BRANCH
1	912615104001	ABIRAMI .R	IV / CSE
2	912615104002	ABIRAMI .S	IV / CSE
3	912615104003	AISHWARYA .S	IV / CSE
4	912615104004	AKALYA .R	IV / CSE
5	912615104005	AUXILIA .A	IV / CSE
6	912615104007	GUNABALA .N	IV / CSE
7	912615104009	KALEESWARI .S	IV / CSE
8	912615104010	KANIMOZHI .A	IV / CSE
9	912615104011	KOKILA .R	IV / CSE
10	912615104012	NANTHINI .N	IV / CSE
11	912615104013	PRIYA .S	IV / CSE
12	912615104014	PRIYADHARSHINI .M	IV / CSE
13	912615104015	RESHMA BARVEEN .S	IV / CSE
14	912615104016	SANTHANA LAKSHMI .C	IV / CSE
15	912615104017	SAROJA .M	IV / CSE
16	912615104018	SINEHA .C	IV / CSE
17	912615104019	SOWMIYA .S	IV / CSE
18	912615104301	DHARANI V	IV / CSE
19	912615104303	LAKSHMI PRIYA G	IV / CSE
20	912615104305	SATHYA D	IV / CSE
21	912615104901	SHENAZ SHERIN.Z	IV / CSE
22	912615205001	AARTHI .P	IV / IT
23	912615205002	AARTHIKA .S	IV / IT
24	912615205003	KAMALAVALLI .K	IV / IT
25	912615205004	MAHALAKSHMI .S	IV / IT
26	912615205005	RENUGA .K	IV / IT
27	912315205301	SANGAVI D	IV / IT

Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai Dt.

Dr. S. THILAGAVATHI M.E., Ph.D.,  
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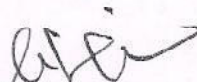
28	912616104001	ATCHAYA.A	III / CSE
29	912616104003	DURGADEVLD	III / CSE
30	912616104004	GAYATHRI.K	III / CSE
31	912616104005	ISWARYA.M	III / CSE
32	912616104006	ISWARYA.P	III / CSE
33	912616104007	JENCIYA.C	III / CSE
34	912616104008	KARTHIKA.K	III / CSE
35	912616104009	KEERTHANA.M	III / CSE
36	912616104010	KEERTHANA.S	III / CSE
37	912616104011	LAKSHMI.G	III / CSE
38	912616104012	MEERA.C	III / CSE
39	912616104013	NUR ASYIKIN.H	III / CSE
40	912616104014	RILVANA.V	III / CSE
41	912616104015	SANGEETHA.K	III / CSE
42	912616104017	SATHYA.T	III / CSE
43	912616104018	SUBHA.S	III / CSE
44	912616104019	SWATHI.P	III / CSE
45	912616104020	VAISHNAVI.M	III / CSE
46	912616104021	YAZHINIE.M	III / CSE
47	912616104301	MARIYA RUSHANTHINI.R	III / CSE
48	912616104501	ABINAYA R	III / CSE
49	912616205001	ARCHANA.T	III / IT
50	912616205002	FAZILA BEGAM.S	III / IT
51	912616205003	GAYATHRI.M	III / IT
52	912616205004	MADHU BASHINI.B	III / IT
53	912616205005	MAHALAKSHMI.R	III / IT
54	912616205006	MURUGASHANTHINI.O	III / IT
55	912616205007	PIRAINUTHALSELVI.M	III / IT
56	912616205008	SOWMIYA.N	III / IT
57	912616205701	MOHANAPRIYA.K	III / IT
58	912617104001	ADAIKKALAJAYASRI.J	II / CSE
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60	912617104003	BAVANI.V	II / CSE
61	912617104004	DHANALAKSHMI.S	II / CSE
62	912617104005	INDUMATHI.S	II / CSE
63	912617104006	KARTHIKA.S	II / CSE



**Dr. S.THILAGAVATHI M.E.,Ph.D.,**  
**PRINCIPAL**  
**SRI BHARATHI ENGINEERING**  
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64	912617104007	KAYATHRI.K	II / CSE
65	912617104008	MULLAIYARASI.R	II / CSE
66	912617104009	NISHA DEVI.G	II / CSE
67	912617104010	PARAMESHWARI.S	II / CSE
68	912617104011	PERIYANAYAGI.M	II / CSE
69	912617104012	PRIYADARSHINI.S	II / CSE
70	912617104013	PRIYADHARSHINI.C	II / CSE
71	912617104014	PRIYATHARSHINI.V	II / CSE
72	912617104015	RIZWANA PARVEEN.Z	II / CSE
73	912617104016	SAITHANYA.K	II / CSE
74	912617104017	SEETHALAKSHIMI.S	II / CSE
75	912617104018	VAHINI.D	II / CSE
76	912617104019	VINOTHA.P	II / CSE
77	912617104301	JAYA PREETHA C	II / CSE
78	912617104302	RAJA LAKSHMI R	II / CSE
79	912617104303	SANGEETHA S	II / CSE
80	912617104701	NAVINA N	II / CSE
81	912617205001	ANUSHIYA.T	II / IT
82	912617205002	GAYADHRI.S	II / IT
83	912617205003	KALAIVANI.K	II / IT
84	912617205004	MARYSELCIYA.S	II / IT
85	912617205005	MERCY KIRUBA.C	II / IT
86	912617205006	RUPASRI.M	II / IT
87	912617205007	SHANMATHI.S	II / IT
88	912617205008	VINODHINI.M	II / IT
89	912617205301	HEMALATHA A	II / IT

  
VAC Coordinator

  
HOD / CSE

  
Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

### Value Added Course on “Cloud infra structure and services”

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/ BRANCH	DATE 10.12.18		DATE 11.12.18		DATE 12.12.18		DATE 13.12.18		DATE 14.12.18		NO OF SESSIONS ATTENDED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1	912615104001	ABIRAMI .R	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Abirami.
2	912615104002	ABIRAMI .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Abirami
3	912615104003	AISHWARYA .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Aishwarya
4	912615104004	AKALYA .R	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Akalya
5	912615104005	AUXILIA .A	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Auxilia
6	912615104007	GUNABALA .N	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Gunabala.N
7	912615104009	KALEESWARI .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Kaleeswari
8	912615104010	KANIMOZHI .A	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Kanimozhi
9	912615104011	KOKILA .R	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Kokila
10	912615104012	NANTHINI .N	IV / CSE	/	/	/	/	/	/	/	/	/	/	10	Nanthini

Dr. S.THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
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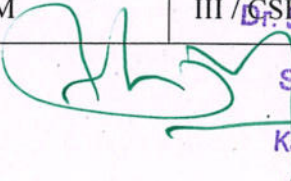
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12	912615104014	PRIYADHARSHINI .M	IV / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Prudh
13	912615104015	RESHMA BARVEEN .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Reshma
14	912615104016	SANTHANA LAKSHMI .C	IV / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Santhana
15	912615104017	SAROJA .M	IV / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Saroja.M
16	912615104018	SINEHA .C	IV / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Sineha
17	912615104019	SOWMIYA .S	IV / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Sowmya
18	912615104301	DHARANI V	IV / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Dharani
19	912615104303	LAKSHMI PRIYA G	IV / CSE	/	/	/	/	/	/	/	/	/	/	/	10	L.lakshmiPriya
20	912615104305	SATHYA D	IV / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Sathya.D
21	912615104901	SHENAZ SHERIN.Z	IV / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Z. Sherin
22	912615205001	AARTHI .P	IV / IT	/	/	/	/	/	/	/	/	/	/	/	10	Aarthi
23	912615205002	AARTHIKA .S	IV / IT	/	/	/	/	/	/	/	/	/	/	/	10	Aarthika
24	912615205003	KAMALAVALLI .K	IV / IT	/	/	/	/	/	/	/	/	/	/	/	10	Kamala
25	912615205004	MAHALAKSHMI .S	IV / IT	/	/	/	/	/	/	/	/	/	/	/	10	S.mahalakshmi
26	912615205005	RENUGA .K	IV / IT	/	/	/	/	/	/	/	/	/	/	/	10	Renuga
27	912315205301	SANGAVI D	IV / IT	/	/	/	/	/	/	/	/	/	/	/	10	Sangavi

Dr. S. THILAGAVATHI M.E., Ph.D.,

PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurichi - 622 303, Pudukkottai Dt.



28	912616104001	ATCHAYA.A	III / CSE	/	/	/	/	/	/	/	/	/	/	10	A. Achya
29	912616104003	DURGADEVI.D	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Durga
30	912616104004	GAYATHRI.K	III / CSE	/	/	/	/	/	/	/	/	/	/	10	K. Gayathri
31	912616104005	ISWARYA.M	III / CSE	/	/	/	/	/	/	/	/	/	/	10	I. Swarya
32	912616104006	ISWARYA.P	III / CSE	/	/	/	/	/	/	/	/	/	/	10	P. Ishy
33	912616104007	JENCIYA.C	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Jenija
34	912616104008	KARTHIKA.K	III / CSE	/	/	/	/	/	/	/	/	/	/	10	K. Kartika
35	912616104009	KEERTHANA.M	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Keethana
36	912616104010	KEERTHANA.S	III / CSE	/	/	/	/	/	/	/	/	/	/	10	S. Keethana
37	912616104011	LAKSHMI.G	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Lakshmi
38	912616104012	MEERA.C	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Meera
39	912616104013	NUR ASYIKIN.H	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Nur Asyikin
40	912616104014	RILVANA.V	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Rilvana
41	912616104015	SANGEETHA.K	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Sangeetha
42	912616104017	SATHYA.T	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Sathya.T
43	912616104018	SUBHA.S	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Subha.S
44	912616104019	SWATHI.P	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Swathi.P
45	912616104020	VAISHNAVI.M	III / CSE	/	/	/	/	/	/	/	/	/	/	10	Vaishnavi


  
**D. S. THILAGAVATHI M.E., Ph.D.,**  
 PRINCIPAL  
 SRI BHARATHI ENGINEERING  
 COLLEGE FOR WOMEN  
 Kaikkurchi - 622 303, Pudukkottai Dt.



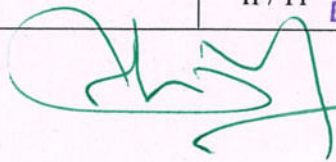
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47	912616104301	MARIYA RUSHANTHINI.R	III / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Mariya A.
48	912616104501	ABINAYA R	III / CSE	/	/	/	/	aa	/	/	/	/	/	/	08	R. Abinaya.
49	912616205001	ARCHANA.T	III / IT	/	/	aa	/	/	/	/	/	/	/	/	08	Archana
50	912616205002	FAZILA BEGAM.S	III / IT	/	/	/	/	/	/	/	/	/	/	/	10	Begam
51	912616205003	GAYATHRI.M	III / IT	/	/	/	/	/	/	/	/	/	/	/	10	Gayathri
52	912616205004	MADHU BASHINI.B	III / IT	/	/	aa	/	/	/	/	/	/	/	/	08	madhubashini
53	912616205005	MAHALAKSHMI.R	III / IT	/	/	aa	/	/	/	/	/	/	/	/	08	Muthaiah
54	912616205006	MURUGASHANTHINI.O	III / IT	/	/	/	/	/	/	/	/	/	/	/	10	Muruga Shanthi
55	912616205007	PIRAINUTHALSELVI.M	III / IT	/	/	/	/	/	/	/	/	/	/	/	10	Pirainuthal Selvi
56	912616205008	SOWMIYA.N	III / IT	/	/	/	/	/	/	/	/	/	/	/	10	N. Sowmya
57	912616205701	MOHANAPRIYA.K	III / IT	/	/	/	/	/	/	7	/	/	/	/	10	Mohanpriya
58	912617104001	ADAIKKALAJAYASRI.J	II / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Adikalala
59	912617104002	AKILA.S	II / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Akila
60	912617104003	BAVANI.V	II / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Bhavani
61	912617104004	DHANALAKSHMI.S	II / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Dhana
62	912617104005	INDUMATHI.S	II / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Indhi
63	912617104006	KARTHIKA.S	II / CSE	/	/	/	/	/	/	/	/	/	/	/	10	Karthika

Dr. S. THILAGAVATHI M.E., Ph.D.,

PRINCIPAL  
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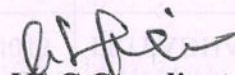
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66	912617104009	NISHA DEVI.G	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Nisha
67	912617104010	PARAMESHWARI.S	II / CSE	a	a	/	/	/	/	/	/	/	/	08	Paramesh
68	912617104011	PERIYANAYAGI.M	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Priya
69	912617104012	PRIYADARSHINI.S	II / CSE	/	/	a	a	/	/	/	/	/	/	08	Priyathara
70	912617104013	PRIYADHARSHINI.C	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Priya
71	912617104014	PRIYATHARSHINI.V	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Priyathara
72	912617104015	RIZWANA PARVEEN.Z	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Rizwana
73	912617104016	SAITHANYA.K	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Seethiya
74	912617104017	SEETHALAKSHMI.S	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Seethiya
75	912617104018	VAHINI.D	II / CSE	/	/	/	/	/	/	a	a	/	/	08	Vahini
76	912617104019	VINOTHA.P	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Vinota P
77	912617104301	JAYA PREETHA C	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Jayapreetha
78	912617104302	RAJA LAKSHMI R	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Raja
79	912617104303	SANGEETHA S	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Sangeetha
80	912617104701	NAVINA N	II / CSE	/	/	/	/	/	/	/	/	/	/	10	Navina
81	912617205001	ANUSHIYA.T	II / IT	/	/	/	/	/	/	/	/	/	/	10	Anushiya


  
**Dr. S. THILAGAVATHI M.E., Ph.D.,**  
 PRINCIPAL  
 SRI BHARATHI ENGINEERING  
 COLLEGE FOR WOMEN  
 Kaikkurchi - 622 303, Pudukkottai Dt.



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 PUDUKKOTTAI - 622 303

82	912617205002	GAYADHRIS	II / IT	/	/	/	/	/	/	/	/	/	/	10	Gayadhri's
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84	912617205004	MARYSELCIYA.S	II / IT	/	/	/	/	/	/	/	/	/	/	10	Marya
85	912617205005	MERCY KIRUBA.C	II / IT	/	/	/	/	/	/	/	/	/	/	10	Mercy Kiruba
86	912617205006	RUPASRI.M	II / IT	a	a	/	/	/	/	/	/	/	/	08	Rupasri
87	912617205007	SHANMATHI.S	II / IT	/	/	/	/	/	/	/	/	/	/	10	Shanmathi
88	912617205008	VINODHINI.M	II / IT	/	/	/	/	/	/	/	/	/	/	10	Vinodhini
89	912617205301	HEMALATHA A	II / IT	/	/	/	/	/	/	/	/	/	/	10	Hema

  
 VAC Coordinator

  
 HoD/ CSE

  
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 PRINCIPAL  
 SRI BHARATHI ENGINEERING  
 COLLEGE FOR WOMEN  
 Kaikkurchi - 622 303, Pudukkottai Dt.

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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

## Report on Value Added Course

Title:	"Cloud infra structure and services"				
Resource Person:	<b>Resource Person 1 :</b> Mr. M. Stephen M.E Master Trainer Apple computers and education		<b>Resource Person 2 :</b> Mr. M.Sathyaraj B.E Master Trainer Apple computers and education		
Date of conduct from :	10.12.2018	To:	14.12.2018	Duration:	30 Hours
Organized Department :	COMPUTER SCIENCE AND ENGINEERING				
Participant Year:	2,3, 4 - (CSE,IT)	Semester:	EVEN	No. of Students Registered :	89
Venue:	Auditorium				


### Outcome of Value Added Course (VAC)

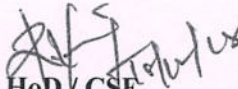
#### At the end of the VAC course the student can able to

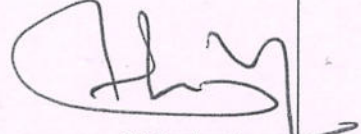
- Explain the core concepts of the cloud computing paradigm:
- Apply the fundamental concepts in datacenters to understand the tradeoffs in power, efficiency and cost by Load balancing approach.
- Discuss system virtualization and outline its role in enabling the cloud computing system model.
- Illustrate the fundamental concepts of cloud storage
- Analyze various cloud programming models

### Assessment Process

- Students securing **more than 60% on total score** and secured more than 75% in attendance is eligible to receive the certificate for the VAC course conducted
- Total Score =  $(0.5 * \text{Attendance in VAC out of 100 percentage} + 0.5 * \text{Test mark in VAC out of 100 marks})$

  
VAC Coordinator

  
HOD / CSE

  
Principal

HOD / CSE  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
KAIKKURICHI,  
PUDUKKOTTAI - 622 303

18/12/18  
PRINCIPAL  
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COLLEGE FOR WOMEN  
KAIKKURICHI - 622 303,  
PUDUKKOTTAI DISTRICT

  
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Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India



DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING

# CERTIFICATE OF COMPLETION

This certifies that

ARCHANA.T

III Year IT has successfully completed the Value added course of

**CLOUD INFRA STRUCTURE AND SERVICES**

from 10.12.2018 to 14.12.2018.

Manager  
Apple Computers and Education

Principal  
SBECW

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**ENGINEERING COLLEGE FOR WOMEN**

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DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING

## CERTIFICATE OF COMPLETION

This certifies that

ADAIKKALAJAYASRI.J

II Year CSE has successfully completed the Value added course of

**CLOUD INFRA STRUCTURE AND SERVICES**

from 10.12.2018 to 14.12.2018.

Manager  
Apple Computers and Education

Principal  
SBECW

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## ENGINEERING COLLEGE FOR WOMEN

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### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

# CERTIFICATE OF COMPLETION

This certifies that

AKALYA.R

IV Year CSE has successfully completed the Value added course of

### CLoud INFRA STRUCTURE AND SERVICES

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Apple Computers and Education

Principal  
SBECW

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# SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

### Value Added Course on “Cloud infra structure and services”

**Name of the Student :**

**Year/Sem:**

**AU Register Number:**

### MCQ QUESTIONS ( 25X1 = 25 Marks)

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  - a) Cloud Computing means providing services like storage, servers, database, networking, etc
  - b) Cloud Computing means storing data in a database
  - c) Cloud Computing is a tool used to create an application
  - d) None of the mentioned
2. Who is the father of cloud computing?
  - a) Sharon B. Codd
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  - c) J.C.R. Licklider
  - d) Charles Bachman
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5. Which of the following is a type of cloud computing service?
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  - a) Adobe
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7. Which of the following is an example of the cloud?
  - a) Amazon Web Services (AWS)
  - b) Dropbox
  - c) Cisco WebEx
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8. Applications and services that run on a distributed network using virtualized resources is known as
  - a) Parallel computing
  - b) Soft computing
  - c) Distributed computing
  - d) Cloud computing

  
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9. Which of the following is an example of a PaaS cloud service?
- a) Heroku  
b) AWS Elastic Beanstalk  
c) Windows Azure  
d) All of the above
10. Which of the following is an example of an IaaS Cloud service?
- a) DigitalOcean  
b) Linode  
c) Rackspace  
d) All of the above
11. Which of the following is the correct statement about cloud computing?
- a) Cloud computing abstracts systems by pooling and sharing resources  
b) Cloud computing is nothing more than the Internet  
c) The use of the word "cloud" makes reference to the two essential concepts  
d) All of the mentioned
12. Point out the wrong statement.
- a) Azure enables .NET Framework applications to run over the Internet  
b) Cloud Computing has two distinct sets of models  
c) Amazon has built a worldwide network of datacenters to service its search engine  
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13. Which of the following model attempts to categorize a cloud network based on four dimensional factors?
- a) Cloud Cube  
b) Cloud Square  
c) Cloud Service  
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14. Which of the following is the correct statement about cloud types?
- a) Cloud Square Model is meant to show that the traditional notion of a network boundary being the network's firewall no longer applies in cloud computing  
b) A deployment model defines the purpose of the cloud and the nature of how the cloud is located  
c) Service model defines the purpose of the cloud and the nature of how the cloud is located  
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15. Which architectural layer is used as a backend in cloud computing?
- a) cloud  
b) soft  
c) client  
d) all of the mentioned
16. All cloud computing applications suffer from the inherent \_\_\_\_\_ that is intrinsic in their WAN connectivity.
- a) noise  
b) propagation  
c) latency  
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17. Which of the following architectural standards is working with cloud computing industry?
- a) Web-application frameworks  
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18. Which of the following is the correct statement?
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19. What is the correct formula to calculate the cost of a cloud computing deployment?

- a)  $\text{CostCLOUD} = \Sigma(\text{UnitCostCLOUD} / (\text{Revenue} + \text{CostCLOUD}))$       c)  $\text{CostCLOUD} = \Sigma(\text{UnitCostCLOUD} \times (\text{Revenue} - \text{CostCLOUD}))$   
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20. Which of the following is the wrong statement about cloud computing?

- a) Private cloud doesn't employ the same level of virtualization      c) Private cloud doesn't pooling of resources that a cloud computing provider can achieve  
b) Data center operates under average loads      d) Abstraction enables the key benefit of cloud computing: shared, ubiquitous access

21. Identify the wrong statement about cloud computing.

- a) Virtualization assigns a logical name for a physical resource and then provides a pointer to that physical resource when a request is made      c) Cloud computing requires some standard protocols  
b) Virtual appliances are becoming a very important standard cloud computing deployment object      d) None of the mentioned

22. Identify the correct statement about cloud computing.

- a) Cloud computing relies on a set of protocols needed to manage interprocess communications      c) Cloud architecture can couple software running on virtualized hardware in multiple locations to provide an on-demand service  
b) Platforms are used to create more complex software      d) All of the mentioned

23. Point out the wrong statement.

- a) Cloud services span the gamut of computer applications      c) Atom is a syndication format that allows for HTTP protocols to create and update informations  
b) The impact of cloud computing on network communication is to discourage the use of open source network protocols in place of proprietary protocol      d) None of the mentioned

24. Which of the following is required by Cloud Computing?

- a) That the identity be authenticated      c) That you establish an identity  
b) That the authentication be portable      d) All of the mentioned

25. Cloud computing is a concept that involves pooling physical resources and offering them as which sort of resource?

- a) cloud      c) virtual  
b) real      d) none of the mentioned

  
**Dr. S. THILAGAVATHI M.E., Ph.D.,**  
PRINCIPAL  
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COLLEGE FOR WOMEN  
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VAC Coordinator





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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

Value Added Course on “Cloud infra structure and services”

### ANSWER KEY

1	a	6	d	11	a	16	c	21	d
2	c	7	d	12	c	17	b	22	d
3	d	8	d	13	a	18	a	23	b
4	d	9	d	14	b	19	b	24	d
5	c	10	d	15	a	20	a	25	c

  
VAC Coordinator

  
Dr. S. THILAGAVATHI M.E., Ph.D.,  
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ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

Value Added Course on “Cloud infra structure and services”

Name of the Student : S. Abirami Year/Sem: 1V/02

AU Register Number: 912615104002

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SRI BHARATHI ENGINEERING  
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19. What is the correct formula to calculate the cost of a cloud computing deployment?

- a)  $\text{Cost}_{\text{CLOUD}} = \Sigma(\text{UnitCost}_{\text{CLOUD}} / (\text{Revenue} + \text{Cost}_{\text{CLOUD}}))$       c)  $\text{Cost}_{\text{CLOUD}} = \Sigma(\text{UnitCost}_{\text{CLOUD}} \times (\text{Revenue} - \text{Cost}_{\text{CLOUD}}))$   
b)  $\text{Cost}_{\text{CLOUD}} = \Sigma(\text{UnitCost}_{\text{CLOUD}} / (\text{Revenue} - \text{Cost}_{\text{CLOUD}}))$       d) None of the mentioned

20. Which of the following is the wrong statement about cloud computing?

- a) Private cloud doesn't employ the same level of virtualization      c) Private cloud doesn't pooling of resources that a cloud computing provider can achieve  
b) Data center operates under average loads      d) Abstraction enables the key benefit of cloud computing: shared, ubiquitous access

21. Identify the wrong statement about cloud computing.

- a) Virtualization assigns a logical name for a physical resource and then provides a pointer to that physical resource when a request is made      c) Cloud computing requires some standard protocols  
b) Virtual appliances are becoming a very important standard cloud computing deployment object      d) None of the mentioned

22. Identify the correct statement about cloud computing.

- a) Cloud computing relies on a set of protocols needed to manage interprocess communications      c) Cloud architecture can couple software running on virtualized hardware in multiple locations to provide an on-demand service  
b) Platforms are used to create more complex software      d) All of the mentioned

23. Point out the wrong statement.

- a) Cloud services span the gamut of computer applications      c) Atom is a syndication format that allows for HTTP protocols to create and update informations  
b) The impact of cloud computing on network communication is to discourage the use of open source network protocols in place of proprietary protocol      d) None of the mentioned

24. Which of the following is required by Cloud Computing?

- a) That the identity be authenticated      c) That you establish an identity  
b) That the authentication be portable      d) All of the mentioned

25. Cloud computing is a concept that involves pooling physical resources and offering them as which sort of resource?

- a) cloud      c) virtual  
b) real      d) none of the mentioned

  
Dr. S. THILAGAVATHI M.E., Ph.D.,  
PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
Kaikkurchi - 622 303, Pudukkottai Dt.

  
VAC Coordinator





# SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019 / EVEN SEMESTER

Value Added Course on “Cloud infra structure and services”

S.NO	REG.NO	NAME OF THE STUDENT	YEAR/ BRANCH	ATTENDANCE DETAILS		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No of Sessions Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
1	912615104001	ABIRAMI .R	IV / CSE	10	100	23	92	96
2	912615104002	ABIRAMI .S	IV / CSE	10	100	22	88	94
3	912615104003	AISHWARYA .S	IV / CSE	10	100	23	92	96
4	912615104004	AKALYA .R	IV / CSE	10	100	21	84	92
5	912615104005	AUXILIA .A	IV / CSE	10	100	24	96	98
6	912615104007	GUNABALA .N	IV / CSE	10	100	22	88	94
7	912615104009	KALEESWARI .S	IV / CSE	10	100	20	80	90
8	912615104010	KANIMOZHI .A	IV / CSE	10	100	24	96	98
9	912615104011	KOKILA .R	IV / CSE	10	100	23	92	96
10	912615104012	NANTHINI .N	IV / CSE	10	100	21	84	92
11	912615104013	PRIYA .S	IV / CSE	10	100	22	88	94

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PRINCIPAL  
SRI BHARATHI ENGINEERING  
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12	912615104014	PRIYADHARSHINI .M	IV / CSE	10	100	25	100	100
13	912615104015	RESHMA BARVEEN .S	IV / CSE	10	100	24	96	98
14	912615104016	SANTHANA LAKSHMI .C	IV / CSE	10	100	21	84	92
15	912615104017	SAROJA .M	IV / CSE	10	100	22	88	94
16	912615104018	SINEHA .C	IV / CSE	10	100	20	80	90
17	912615104019	SOWMIYA .S	IV / CSE	10	100	19	76	88
18	912615104301	DHARANI V	IV / CSE	10	100	24	96	98
19	912615104303	LAKSHMI PRIYA G	IV / CSE	8	80	23	92	86
20	912615104305	SATHYA D	IV / CSE	10	100	21	84	92
21	912615104901	SHENAZ SHERIN.Z	IV / CSE	10	100	20	80	90
22	912615205001	AARTHI .P	IV / IT	10	100	23	92	96
23	912615205002	AARTHIKA .S	IV / IT	10	100	25	100	100
24	912615205003	KAMALAVALLI .K	IV / IT	10	100	21	84	92
25	912615205004	MAHALAKSHMI .S	IV / IT	10	100	24	96	98
26	912615205005	RENUGA .K	IV / IT	10	100	25	100	100
27	912315205301	SANGAVI D	IV / IT	10	100	22	88	94
28	912616104001	ATCHAYA.A	III / CSE	10	100	23	92	96
29	912616104003	DURGADEVI.D	III / CSE	10	100	24	96	98
30	912616104004	GAYATHRI.K	III / CSE	10	100	22	88	94
31	912616104005	ISWARYA.M	III / CSE	10	100	21	84	92

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32	912616104006	ISWARYA.P	III / CSE	10	100	23	92	96
33	912616104007	JENCIYA.C	III / CSE	10	100	21	84	92
34	912616104008	KARTHIKA.K	III / CSE	8	80	22	88	84
35	912616104009	KEERTHANA.M	III / CSE	10	100	20	80	90
36	912616104010	KEERTHANA.S	III / CSE	10	100	21	84	92
37	912616104011	LAKSHMI.G	III / CSE	10	100	24	96	98
38	912616104012	MEERA.C	III / CSE	10	100	22	88	94
39	912616104013	NUR ASYIKIN.H	III / CSE	10	100	23	92	96
40	912616104014	RILVANA.V	III / CSE	8	80	24	96	88
41	912616104015	SANGEETHA.K	III / CSE	10	100	22	88	94
42	912616104017	SATHYA.T	III / CSE	10	100	22	88	94
43	912616104018	SUBHA.S	III / CSE	10	100	21	84	92
44	912616104019	SWATHI.P	III / CSE	10	100	23	92	96
45	912616104020	VAISHNAVI.M	III / CSE	10	100	21	84	92
46	912616104021	YAZHINIE.M	III / CSE	10	100	24	96	98
47	912616104301	MARIYA RUSHANTHINI.R	III / CSE	10	100	21	84	92
48	912616104501	ABINAYA R	III / CSE	8	80	22	88	84
49	912616205001	ARCHANA.T	III / IT	8	80	23	92	86
50	912616205002	FAZILA BEGAM.S	III / IT	10	100	23	92	96
51	912616205003	GAYATHRI.M	III / IT	10	100	24	96	98

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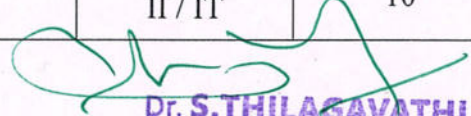
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55	912616205007	PIRAINUTHALSELVI.M	III / IT	10	100	23	92	96
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64	912617104007	KAYATHRI.K	II / CSE	10	100	24	96	98
65	912617104008	MULLAIYARASI.R	II / CSE	10	100	25	100	100
66	912617104009	NISHA DEVI.G	II / CSE	10	100	22	88	94
67	912617104010	PARAMESHWARI.S	II / CSE	8	80	24	96	88
68	912617104011	PERIYANAYAGI.M	II / CSE	10	100	21	84	92
69	912617104012	PRIYADARSHINI.S	II / CSE	8	80	23	92	86
70	912617104013	PRIYADHARSHINI.C	II / CSE	10	100	23	92	96
71	912617104014	PRIYATHARSHINI.V	II / CSE	10	100	24	96	98

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72	912617104015	RIZWANA PARVEEN.Z	II / CSE	10	100	23	92	96
73	912617104016	SAITHANYA.K	II / CSE	10	100	22	88	94
74	912617104017	SEETHALAKSHMI.S	II / CSE	10	100	21	84	92
75	912617104018	VAHINI.D	II / CSE	8	80	22	88	84
76	912617104019	VINOTHA.P	II / CSE	10	100	23	92	96
77	912617104301	JAYA PREETHA C	II / CSE	10	100	24	96	98
78	912617104302	RAJA LAKSHMI R	II / CSE	10	100	22	88	94
79	912617104303	SANGEETHA S	II / CSE	10	100	23	92	96
80	912617104701	NAVINA N	II / CSE	10	100	25	100	100
81	912617205001	ANUSHIYA.T	II / IT	10	100	24	96	98
82	912617205002	GAYADHRI.S	II / IT	10	100	22	88	94
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88	912617205008	VINODHINI.M	II / IT	10	100	22	88	94
89	912617205301	HEMALATHA A	II / IT	10	100	24	96	98

  
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PRINCIPAL  
SRI BHARATHI ENGINEERING  
COLLEGE FOR WOMEN  
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**Criteria 2**

**Teaching-Learning and Evaluation**

**350**

**Key Indicator- 2.3. Teaching- Learning Process (40)**

**2018-2019**

**INFORMATION TECHNOLOGY**

**PARTICIPATIVE LEARNING**

**WORKSHOP AND SYMPOSIUM**





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## DEPARTMENT OF INFORMATION TECHNOLOGY

### PARTICIPATIVE LEARNING (SYMPOSIUM/WORKSHOP/SEMINAR)

#### ACADEMIC YEAR 2018-2019

S.No	Register No	Student Name	Year/Sem	Name of the Participative Learning Method
1.	912615205001	AARTHI .P	IV/ VIII	Workshop - "Advanced Web Development Using Python & Google Vision"
2.	912615205002	AARTHIKAS		
3.	912315205301	SANGAVI D		
4.	912615205001	AARTHI .P	IV/ VIII	Symposium - Paper Presentation (University College of Engineering )
5.	912615205003	KAMALAVALLI .K		
6.	912615205004	MAHALAKSHMI .S	IV/ VIII	Symposium - Paper Presentation (ACCET)
7.	912617205007	SHANMATHI.S	II/ III	Workshop - Android
8.	912617205008	VINODHINI.M		

  
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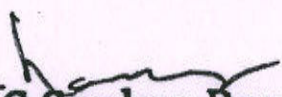



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## Department of Computer Science and Engineering

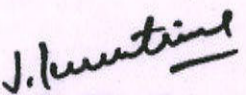
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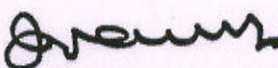
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has participated in One day Workshop on  
"Advanced Web Development Using Python & Google Vision"  
held on 06-March-2019 during the occasion of  
National Level Symposium Fenix 2K19 organised by  
Department of Computer Science And Engineering,  
Anna University, (BIT Campus), Tiruchirappalli-620024

  
Mr.C.Sankar Ram  
Instructor

  
Mr.S.Sivanesh  
Coordinator

  
Mr.S.Surendran  
Coordinator

  
Mr.N.Kathirvel  
Coordinator

  
Dr.D.Venkatesan  
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Dr.T.SenthilKumar  
Dean



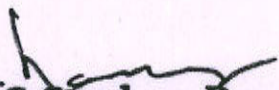



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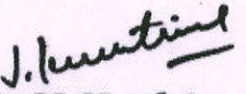
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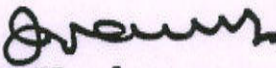
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Mr. C. Sankar Ram  
Instructor

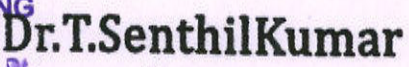
  
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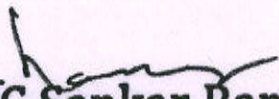



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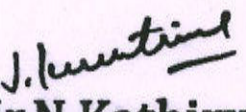
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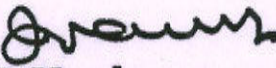
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Mr. S. Sivanesh  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROUDLY PRESENTS

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from SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN had participated  
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of CSE, University College Of Engineering Pattukkottai On March 01, 2019

  
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Coordinator

  
**Mr.S.Senthil Kumar**  
Coordinator / HOD

  
**Dr.G.Elango**  
Dean



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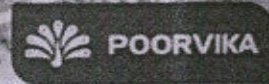
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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**Ms.M.G.Kavitha**  
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**Mr.S.Senthil Kumar**  
Coordinator / HOD

*Dr.G.Elangovan*  
**Dr.G.Elangovan**  
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**Dr.S.Thilagavathi M.E., Ph.D.**  
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This is to certify that S. MAHALAKSHMI of  
SRI BHARATHI ENGINEERING COLLEGE has PARTICIPATED in  
the event PAPER PRESENTATION held on 25 Feb '19.

Secretary

Co Ordinator

Professor & Head

Principal





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Solution Without

# CERTIFICATE OF PARTICIPATION

CERTIFICATE NUMBER

CBTACOB210195190606

This certificate is awarded to S.SHANMATHI, for his/her active

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held on 08.06.2019 at CodeBind Technologies, Trichy. During the Workshop period the

performance of the trainee was found to be Good.

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Training Facilitator

Issuing Authority

A-15, 1<sup>st</sup> Cross, Thillai Nagar, Trichy.

Near Thillai Nagar 1st Cross Bus Stop.

Head Office: T.Nagar, Chennai.

Branch Office : Coimbatore. Trichy.

info@codebindtechnologies.com

www.codebindtechnologies.com

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# CERTIFICATE OF PARTICIPATION

CERTIFICATE NUMBER

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and invaluable contribution to the One Day Workshop on ANDROID

held on 08.06.2019 at CodeBind Technologies, Trichy. During the Workshop period the

performance of the trainee was found to be Good.

  
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Kaikkurchi - 622 303, Pudukkottai Dt.

  
Training Facilitator

  
Issuing Authority

🏠 A-15, 1<sup>st</sup> Cross, Thillai Nagar, Trichy.

📍 Near Thillai Nagar 1st Cross Bus Stop.

🏠 Head Office: T.Nagar, Chennai.

📍 Branch Office : 📍 Coimbatore. 📍 Trichy.

✉ info@codebindtechnologies.com

🌐 www.codebindtechnologies.com

📞 +91 99 40 40 80 10.

