

SASURIE COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Near NH544, Coimbatore Bypass, Near Vijayamangalam Tollgate, Tirupur 638056

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION - 1

CURRICULAR ASPECTS



INTERNAL QUALITY ASSURANCE CELL

SASURIE COLLEGE OF ENGINEERING





<u>1.2 AcademicFlexibility(30)</u>

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

AND

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

VAC Title:	EDG	E COM	PUTING	AND FOG	COMI	PUTIN	NG						
		Mrs. 0	G. Saranya	ì,		Mr. S	. V. Abisek,						
Resource P	erson:	Robot	ics Traine	r.		Manager,							
			h Robotics	·		Zelig	th Robotics						
		Ũ		>,		Erod	e.						
		Erode	•										
Dat e of con	nduct f	rom:	09.12.20	19	To:	14.12	14.12.2019 Duration: 36						
Organized	Depar	tment:	COMPU	TER SCIE	NCE A	ND E	NGINEER	ING					
Participant	;	2/3/4		Semester:	F	VEN	No. of Stu	donte		134			
Year:		4314	V ILIN	YENNo. of Students134Registered:									
Venue: L	ecture	hall of	II & III y	ear CSE									

TABLE OF CONTENT

SNO	DOCUMENT	PAGE-NO
1	Value added Course Circular	3-3
2	Value added Course Schedule	4-4
3	List of students participants	5-8
4	Attendance of Students	9-16
5	Value added Course Report	17-17
6	Value added Course Completion Certificates	18-23
7	Value added Course Test Paper	24-27
8	Value added Course Answer Key	28-28
9	Value added Course Test Answer Sheet-Sample	29-32
10	Value added Course Mark Statement	33-40



Ref: SCE / CSE /Students / VAC / 2019 - 2020 / EVEN

02.12.2019

CIRCULAR

In order to bridge the curricular gap between the Academic Syllabus and Industry requirements, Department of Computer Science and Engineering and IQAC of our Institution in association with Zelight Robotics, is organizing a Value Added Course (VAC) for the students of II, III and IV year of CSE on the title "Edge Computing and Fog Computing" from 09.12.2019 to 14.12.2019. At the end of the VAC, course completion certificates will be issued to the eligible participants as per the following norms.

• Students, who are securing more than 70% on total score in the VAC test and secured more than 75% in VAC attendance is eligible to receive the course completion certificate for the VAC attended.

Venue	Lecture hall of II & III year CSE	Erode.
Details	Zelight Robotics, Erode.	Zelight Robotics,
Resource Person	Mrs.G.Saranya, Robotics Trainer,	Mr. S.V. Abisek, Manager,

PRINCIPAL

Copy to:

- 1. Chairman & Secretary for information
- 2. Principal office
- 3. IQAC Co-Ordinator
- 4. Class In charges II, III & IV-Year CSE
- 5. II, III & IV-Year CSE Students
- 6. CSE Notice Board
- 7. Department File

Dr.M.VIJAYAKU MAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).



Ref: SCE / CSE /Students / VAC / 2019 2020 / EVEN

02.12.2019

SYLLABUS - VALUE ADDED COURSE "Edge Computing and Fog Computing"

From 09.12.2019 to 14.12.2019 (6 days)

Duration : 36 Hours

Academic Year : 2019 -2020 /EVEN

S.No.	Topics Covered	Duration (In Hours)	Date
1	Introduction to Edge and Fog Computing	3	09.12.2019
2	Fundamentals of Edge Computing	3	09.12.2019
3	Fundamentals of Fog Computing	3	10.12.2019
4	Key Technologies Driving Edge and Fog Computing	3	10.12.2019
5	Use Cases and Applications	3	11.12.2019
6	Challenges and Solutions	3	11.12.2019
7	Edge and Fog Computing Platforms	3	12.12.2019
8	Data Management and Analytics in Edge and Fog Computing	3	12.12.2019
9	Integration with Cloud Computing	3	13.12.2019
10	Security in Edge and Fog Computing	3	13.12.2019
11	Edge and Fog Computing in Industry 4.0	3	14.12.2019
12	Future Trends and Developments	3	14.12.2019
	Total Hours	36	-

After successful completion of 36 Hours VAC, the assessment test for the VAC titled "Edge Computing and Fog Computing" will be conducted on 14.12.2019.

oordinator

HoD/CSE

Dr.M.VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).



STUDENTS PARTICIPATION LIST - VALUE ADDED COURSE

"Edge Computing and Fog Computing"

From 09.12.2019 to 14.12.2019 (6 days)

Duration : 36 Hours

Academic Year : 2019 -2020 /EVEN

S.No.	Reg No.	Name of the Student	Year / Branch
1.	732418104002	BALAKRISHNAN P	II/CSE
2.	732418104005	KARTHICK R G	II/CSE
3.	732418104006	KARTHIKA S	II/CSE
4.	732418104007	KARTHIKEYAN C	II/CSE
5.	732418104008	KAVIYA R	II/CSE
6.	732418104009	MADHUMATHI G	II/CSE
7.	732418104011	MANJU M	II/CSE
8.	732418104012	NAVANEETHAKRISHNAN B	II/CSE
9.	732418104013	RAMYA M	II/CSE
10.	732418104014	SUNDARA MANIKANDAN G	II/CSE
11.	732418104017	YUVADHARSHINI R P	II/CSE
12.	732418104701	MALATHI P	II/CSE
13.	732418104702	ASHVINIYA M	II/CSE
14.	732418104703	PUSHPA RAJ M	II/CSE
15.	732418104704	VIJAYA RAGHAVAN S	II/CSE
16.	732418104705	SATHYASRI H	II/CSE
17.	732418104706	SIVASANKAR R	II/CSE
18.	732417104001	ABISHA G	III/CSE
19.	732417104003	AKASH S	III/CSE
20.	732417104004	AMIT TIWARI	III/CSE
21.	732417104005	ANILESH M	III/CSE
22.	732417104006	ANJUGAM S	III/CSE
23.	732417104007	ANUSHA M	III/CSE
24.	732417104008	ARCHANA D	III/CSE
25.	732417104009	ARUNKUMAR M	III/CSE
26.	732417104011	AZARUDEEN A	III/CSE
27.	732417104012	BHARATHIRAJA B	III/CSE
28.	732417104013	DHARANI PRIYA K	III/CSE
29.	732417104015	DIVYA A	III/CSE
30.	732417104016	GOKUL V	III/CSE

Dr.M.VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).



STUDENTS PARTICIPATION LIST - VALUE ADDED COURSE

S.No.	Reg No.	Name of the Student	Year / Branch				
31.	732417104019	HEMA M	III/CSE				
32.	732417104020	ISWARYA M	III/CSE				
33.	732417104021	IYAPPAN R	III/CSE				
34.	732417104022	JANAKI G	III/CSE				
35.	732417104023	JANANI A	III/CSE				
36.	732417104024	JAYAKRISH M K	III/CSE				
37.	732417104025	JITHIN BABU M	III/CSE				
38.	732417104026	KANIMOZHI K	III/CSE				
39.	732417104027	KAVIN T	III/CSE				
40.	732417104028	KAVIPRIYASRI C	III/CSE				
41.	732417104029	KAVITHA M	III/CSE				
42.	732417104030	KEERTHI M	III/CSE				
43.	732417104031	KIRUBASHREE S	III/CSE				
44.	732417104032	LAVANYA L	III/CSE				
45.	732417104033	MADHANKUMAR K	III/CSE				
46.	732417104035	MARIYAMMAL K	III/CSE				
47.	732417104036	MARTINA S	III/CSE				
48.	732417104037	MATHIAZHAGAN R	III/CSE				
49.	732417104038	MATHUBALAN P	III/CSE				
50.	732417104039	MEENAKSHI S	III/CSE				
51.	732417104040	MOBINA J	III/CSE				
52.	732417104042	MUHAMMED RASHID C	III/CSE				
53.	732417104043	NANDHINI S	III/CSE				
54.	732417104044	NAVEEN J	III/CSE				
55.	732417104045	NIZHAMUDEEN B	III/CSE				
56.	732417104047	PRATHEESH KRISHNA T S	III/CSE				
57.	732417104048	PREMA R ·	III/CSE				
58.	732417104049	PREMALATHA L	III/CSE				
59.	732417104050	PRIYA S	III/CSE				
60.	732417104051	PRIYANKA K	III/CSE				
61.	732417104052	PRIYANKA M	III/CSE				
62.	732417104053	PRIYANKA S	III/CSE				
63.	732417104054	RAVANAN M	III/CSE				
64. 732417104055		SANTHIYA A	III/CSE				
65.	732417104056	SANTHOSH M	III/CSE				
66.	732417104057	SANTHOSHKUMAR C	III/CSE				

Dr.M.VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).

No



STUDENTS PARTICIPATION LIST - VALUE ADDED COURSE

S.No.	Reg No.	Name of the Student	Year / Branch				
67.	732417104058	SARAVANAKUMAR A	III/CSE				
68.	732417104059	SARUMATHI E	III/CSE				
69.	732417104060	SOWMIYA B	III/CSE				
70.	732417104061	SUGUNA M	III/CSE				
71.	732417104062	SUNDARAPANDIYAN E	III/CSE				
72.	732417104064	SURYA M	III/CSE				
73.	732417104065	SURYAPRAKASH K	III/CSE				
74.	732417104066	THANGAPRAKASH M	III/CSE				
75.	732417104067	VIJAYAKUMAR P	III/CSE				
76.	732417104068	VINITIIA M	III/CSE				
77.	732417104070	VIVETHA V	III/CSE				
78.	732417104071	YASOTHA V	III/CSE				
79.	732417104072	YOGANATHAN R	III/CSE				
80.	732417104073	YUVA VISHNU PRIYA A	III/CSE				
81.	732417104701	ESSAKIAMMA A	III/CSE				
82.	732417104702	NIVETHA M	III/CSE				
83.	732417104703	PRIYADHARSHINI E	III/CSE				
84.	732417104704	SANTIII PRIYA K	III/CSE				
85.	732417104705	VIGNESH D	III/CSE				
86.	732416104001	ABBAS J .	IV/CSE				
87.	732416104003	AJITH KUMAR A	IV/CSE				
88.	732416104004	ARAVIND A	IV/CSE				
89.	732416104006	BOOMA R	IV/CSE				
90.	732416104007	CHANDRU M	IV/CSE				
91.	732416104008	DEEPAK RAJ K	IV/CSE				
92.	732416104009	DEVAPRASAD S	IV/CSE				
93.	732416104010	DHINESHKUMAR M	IV/CSE				
94.	732416104011	DINESH V	IV/CSE				
95.	732416104012	GAYATHRI G	IV/CSE				
96.	732416104013	GOKULA KRISHNAN R	IV/CSE				
97.	732416104014	HARIHARAN R	IV/CSE				
98.	732416104015	HARIPRAKASH B	IV/CSE				
99.	732416104016	HARIPRASATH N	IV/CSE				
100.	732416104017	IMMANUVEL G	IV/CSE				
101.	732416104019	JOTHI R	IV/CSE				
		KAMALI P	IV/CSE				

Dr.M.VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).

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STUDENTS PARTICIPATION LIST - VALUE ADDED COURSE

S.No.	Reg No.	Name of the Student	Year / Branch
103.	732416104021	KANIMOZHI D	IV/CSE
104.	732416104022	KANIMOZHI P	IV/CSE
105.	732416104023	KASTHURI G	IV/CSE
106.	732416104024	KAVITHA N	IV/CSE
107.	732416104025	KOKILAPRIYA P	IV/CSE
108.	732416104028	KUMAR R	IV/CSE
109.	732416104029	LOURDU JERMIYA L	IV/CSE
110.	732416104030	MAHESHWARI L	IV/CSE
111.	732416104031	MOHANRAJ P	IV/CSE
112.	732416104032	MOHANRAJ S	IV/CSE
113.	732416104033	MURUKANANDAM B	IV/CSE
114.	732416104034	MYTHILI P	IV/CSE
115.	732416104035	NIKITHA M	IV/CSE
116.	732416104036	PAVITHRA B	IV/CSE
117.	732416104037	PRAJITHA A	IV/CSE
118.	732416104038	PRIYADHARSHINI M	IV/CSE
119.	732416104039	PRIYADHARSHINI S	IV/CSE
120.	732416104040	PRIYANKA T	IV/CSE
121.	732416104041	RAMANIVIDHYA N	TV/CSE
122.	732416104042	RANJANI V	IV/CSE
123.	732416104043	SANDHIYA K	IV/CSE
124.	732416104044	SANTHOSH K S	IV/CSE
125.	732416104045	SARANYA R	IV/CSE
126.	732416104046	SARANYA U	TV/CSE
127.	732416104047	SOWMIYA R	IV/CSE
128.	732416104048	SOWRABI N	IV/CSE
129.	732416104049	SREERAJ R	IV/CSE
130.	732416104050	SWETHA R	IV/CSE
131.	732416104051	VAISHNAVI S	IV/CSE
132.	732416104053 ·	YOGAPRIYA B	IV/CSE
133.	732416104301	MOHANRAJ V	IV/CSE
134.	732416104703	VELLAPANDI M	IV/CSE

VACCoordinator

HoD/CSE

Dr.M.VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).



STUDENTS ATTENDANCE LIST - VALUE ADDED COURSE

"Edge Computing and Fog Computing"

From 09.12.2019 to 14.12.2019 (6 days)

Duration : 36 Hours

Academic Year : 2019 -2020/ EVEN

S.No	Reg No.	Name of the Student	Year/	09.12	2.2019	10.12	.2019	11.12	2.2019	12.12	.2019	13.12	.2019	14.12	.2019	No. of Hours	Signature of the Student
			Branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	
1.	732418104002	BALAKRISHNAN P	II/CSE	1	1	1	1	1	1	1	1	1	1	1	1	- 26	Balapicham
2.	732 18104005	KARTHICK R G	II/CSE	1	1	1	1	1	1	1	a	1	1	1	1	රීනී	R. Gr. Janbe
3.	732418104006	KARTHIKA S	II/CSE	1	1	1	1	a	a	1	1	1	1	1	1	30	S. Kubuc
4.	732418104007	KARTHIKEYAN C	II/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	Kartinheyen
5.	732418104008	KAVIYA R	II/CSE	1	1	a	a	1	1	1	1	1	1	1	1	30	Kaviyay
6.	732418104009	MADHUMATHI G	II/CSE	1	1	1	1	1	1	1	1	1	1	1	1	.36	Madhumathi
7.	732418104011	MANJU M	II/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	Manju
8.	732418104012	NAVANEETHAKRISHNAN B	II/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	navenus
9.	732418104013	RAMYA M	II/CSE	1	1	1	1	1	1	1	1	i	a	1	1	33	Ramya
10.	732418104014	SUNDARA MANIKANDAN G	II/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	Sundhalls
11.	732418104017	YUVADHARSHINI R P	II/CSE	1	1	1	1	1	1	a	a	1	1	1	1	30	Yuradharching
12.	732418104701	MALATHI P	II/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	Malathi
13.	732418104702	ASHVINIYA M	II/CSE	1	1	a	a	1	1	1	1	1	1	1	1	30	Asprininga

Dr.M.VI KUMAR ME., Ph.D., CASURE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (DD. SASURT



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14. 732418 15. 732416 16. 732418	8104703 PUSHP 104704 VIJAY. 8104705 SATHY	Name of the Student IPA RAJ M YA RAGHAVAN S IYASRI H	Year/ Branch II/CSE II/CSE	09.12 FN	2.2019 AN	10.12 FN	2.2019		2.2019	12.12	.2019	13.12	.2019	14.12	.2019	No. of	Signature of the
15. 732418 16. 732418	104704 VIJAY. 8104705 SATHY	YA RAGHAVAN S		FN	AN	FN	AN	C		1	•	1				Hours	Student
15. 732418 16. 732418	104704 VIJAY. 8104705 SATHY	YA RAGHAVAN S		1				FN	AN	FN	AN	FN	AN	FN	AN	Attended	Student
16. 732418	8104705 SATHY		II/CSE			11	a	1	1	1	1	1	1	1	1	,3.3	Tubozzai
752410		YASRI H		1	1	1	1	1	1	1	7	1	1	1	1	.36	Vinne Pache
17	104706 SIVAS		II/CSE	0	a	,	,	1	1	1	1	1	1	,	,	.20	Sarthya
17. 732418	104700 SIVAS	SANKAR R	II/CSE	1	1			1	,	,	a	1	1	,	1	33	Singe
18. 732417	7104001 ABISH	HA G	III/CSE	1,	,		,	1	,	,	,	,	,	,	1	36	Aliste
19. 732417	7104003 AKASH	,HS,	III/CSE	1,	,	;	;	,	,	va l	,	,	,	,	1	33	11. 1.
20. 732417	7104004 AMIT	TIWARI	III/CSE	1	1	1	,	1	,	-va	,		1	,	,	36	15
21. 7324171	7104005 ANILE	ESH M	III/CSE	1	a	1	,	,	,			-			, ·	33	1 1 1
22. 7324171	7104006 ANJUC	GAM S	III/CSE	1	1	1	;	1	1	,	;				,	36	M. And
23. 7324171	7104007 ANUSH	HAM	III/CSE	,	- <u>,</u>		· ,	1	,		a	·,	- ,		- <u>,</u>		Q. Asymge
24. 7324171	104008 ARCH	IANA D	III/CSE	1	;	1	,	1	a	a	-4	;	;			30	M. Anuthan
25. 7324171	104009 ARUN'	IKUMAR M	III/CSE	1	1	1	,	1	1				· ,			33	D. Asauf
26. 7324171	104011 AZARI	UDEEN A	III/CSE	1	,	1	,		,	-			a			36	M.Ak.
27. 7324171	104012 BHAR/	ATHIRAJA B	III/CSE	1	1	1	- , I	1	1	1	,	1	4	1	1	33	At Armiles
28. 7324:71	104013 DHAR	ANI PRIYA K	III/CSE	1	1	1		1	a	1	<u>.</u>	,		· ,	' ,	36	Dharmorga
29. 7324171	104015 DIVYA	A A	III/CSE	,	1	1	- <u>,</u>	1	~						<u> /_</u>	33	R.B.
30. 7324171	104016 GOKUL	LV	III/CSE	a	a	1	-,-		-,	-(,				1		36	A. Unga
31. 7324171	104019 HEMA	. M	III/C\$E	1	1	\vdash	- <u> </u>			,				1		30	V. Sucht
32. 7324171	104020 ISWAR	₹YA M	III/CSE	1	.,	\vdash		1		,	1	+-		1	+/-	36	M. Hent Broarya

Dr.M.VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt). burgya



S.No	Reg No.	Name of the Student	Year/ Branch	09.1	12.2019	10.17	2.2019	11.1	2.2019	12.1	12.2019	13.12	2.2019		2.2019	Hours	Signature of the Student
1	1		branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	
33.	732417104021	IYAPPAN R	III/CSE	1	1	1	1	1	1	1	a	1	1	1	1	33	P. Tyappan
34.	732417104022	JANAKI G	III/CSE	1	1	1	1	1	1	1	1	1	1	1	1		G. Janudri
35.	732417104023	JANANI A	III/CSE	1	1	1	1	a	a	1	1	1	1	1	1	30	A. Jami
36.	732417104024	JAYAKRISH M K	III/CSE	1	1	1	1	7	1	1	a	1	1	1	1	33	K.M. Jarfk
37.	732417104025	JITHIN BABU M	III/CSE	TI	1	1	1		1	1	4	1	1	1	1	36	M. Jehler
	732417104026	KANIMOZHI K	III/CSE	1	a	a 1	1	1	1	i	i	1	(1	1	83	16 Kaning
39.	732417104027	KAVIN T	III/CSE	1	1	1	i	ľ	1	1	1	1	1	1	1	36	C.Kuipanie
40.	732417104028	KAVIPRIYASRI C	III/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	M. Knister
41.	732417104029	KAVITHA M	III/CSE	1	1	1		11	1	1	1	1	1	1	1	36	M. Kundhij
42	732417104030	KEERTHI M	· III/CSE	1	1	1	a	. 1	1	1	1	1	1	1	1	83	
43.	732417104031	KIRUBASHREE S	III/CSE	1	1	1	1	1	1	a	9	1	1	1	1	30	
44.	732417104032	LAVANYAL	III/CSE	1	1	1			1	1	1	1	1	1	1	- 36	k. home
	73:417104033	MADHANKUMAR K	III/CSE	1	1	1	i	à	a	1	1	1	1	1	1	30	to. Maring
	73: 17104035	MARIYAMMAL K	III/CSE	1	1	1	[I	1		1	1	1	1	1	36	
47	732417104036	MARTINA S	III/CSE	li	1	1	1	1	11		1	1	1	1	1.	36	R. Mute
48.	732417104037	MATHIAZHAGAN R	III/CSE	1	1	1	1	1	1	1	1	1	\Box	1	1	36	
49.	732417104038	MATHUBALAN P	III/CSE	1	1	1	1	1	1	1	1	11	a	Ti	1	33	
50.	732417104039	MEENAKSHI S	III/CSE	1	1	1	1	1	1,	1	1	1	1	1	1,	36	
51.	732417104040	MOBINA J	III/CSE	1,	1	a	a	17	1.	1	1,	1,	\uparrow	11	1	30	T. Molina

Dr.M. VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (D1).



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		[]	1	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	
52.	732417104042	MUHAMMED RASHID C	III/CSE	1	1	1	1	1	1	1	1	1	a	1	1	33	Muhammathal
53.	732417104043	NANDHINI S	III/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	S. Mati
54.	732417104044	NAVEEN J	III/CSE	1	,	1	1	1	1	a	a	1	1	1	1	30	J. Namel
55.	732417104045	NIZHAMUDEEN B	III/CSE	1	1	1	a	1	1	1	1	1	1	1	1	33	Nichamuder
56.	732417104047	PRATHEESH KRISHNA T S	III/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	Proting
57.	7324 7104048	PREMA R	III/CSE	,	1	1	1	1	,	1	a	1	1	1	1	33	R. Pref
58.	732417104049	PREMALATHA L	III/CSE	1	,	1	1	1	1	,	1	1	1	1	1	36	Peremahan
59.	732417104050	PRIYA S	III/CSE	1	1	1	1	1	,	1	,	1	,	1	1	36	S. Pinne
60.	732417104051	PRIYANKA K	III/CSE	1	1	1	1	1	1	1	1	,	1	,	1	36	Priyanka
61.	732417104052	PRIYANKA M	III/CSE	1	1	1	./	1	2	1	1		1	1	,		Priyante
62.	732417104053	PRIYANKA S	III/CSE	-1	1	-1	1	1	,	a	a	1	1	1	,	30	DO &
63.	732417104054	RAVANAN M	III/CSE	1	1	1	1	1	,	,	1		1	1		36	Rasanan
64.	732417104055	SANTHIYA A	III/CSE	1	1	1	1	1	,	.,	,	a	a	,	,	30	
65.	732417104056	SANTHOSH M	III/CSE	1	1	1	1	1	,		$\overline{)}$	n,	1	,	1	36	Adarfharo
66.	732417104057	SANTHOSHKUMAR C	III/CSE	1	1	1	1	1	,	1	,	\square	,	1	1	36	Santhorn Santhornberron
67.	732417104058	SARAVANAKUMAR A	III/CSE	1	1	$\overline{)}$	\Box	1	,	1	$\overline{)}$	\Box	,	,	í	-36	
68.	732417104059	SARUMATHI E	III/CSE	1	1	1	1	1	a	1			1	,			Same
69.	732417104060	SOWMIYA B	III/CSE	1,	1	1	1	1	1	1	,	1	1	,	1	33	Sasumathi
70.	73241/104061	SUGUNA M	III/CSE	,	$\left[\right]$	a	a	1		$ \uparrow \uparrow $		\neg	1	(ŕ,	36	Sowmiya
			10 N								_/				thre	30	M. Sugura

Dr.M.VIJAYAK UMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).



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			branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	Student
71.	732417104062	SUNDARAPANDIYAN E	III/CSE	1	1	1	1	1	1	1	1	1	a	1	1	33	E. SurPt
72.	732417104064	SURYA M	III/CSE	1	1	1	1	1	,	,	1	1		,	1	36	M. Surya
73.	732417104065	SURYAPRAKASH K	III/CSE	0	a	,	1	, ·	-/	,		1,		,	1	30	IC .
74.	732417104066	THANGAPRAKASH M	III/CSE	-a	1	a	á	1	1	1	1	1	1	1	1	33	Disyppake
75.	732417104067	VIJAYAKUMAR P	III/CSE	1	1	,	1	1	1	1	1	1	1	1	,	.36	Shangtan Viin Ja
76.	732417104068	VINITHA M	III/CSE	1	1	1	1	a	a	1	1	1	1	1	1		Vijayakum
77.	732417104070	VIVETHA V	III/CSE	1	1	1	1	1	1	1	1	1	1	,	1	36	V. Vinitha
78.	732417104071	YASOTHA V	III/CSE	1	1	1	1	1	1	1	1	1	1	,	1	36	Yasotha
79.	732417104072	YOGANATHAN R	III/CSE	1	1	1	1	1	1	1	1	1	1	/	,	_36	Loganatha
80.	732417104073	YUVA VISHNU PRIYA A	III/CSE	1	1	1	1	1	1	1	. /	a	a	1	1	33	Juvapan
81.	732417104701	ESSAKIAMMA A	III/CSE	a	a	1	1	1	à	1	1	1	/	1	1	30	- I.
82.	732417104702	NIVETHA M	III/CSE	1	1	1	1	1	,	1	1	1	1	1	. /	36	Essahunn
83.	732417104703	PRIYADHARSHINI E	III/CSE	1.	1	1	1	a	a	1	1	1	,	,	,		Divilha_
84.	732417104704	SANTHI PRIYA K	III/CSE	1	1	1	,	1	1	1	1	1		- ;	,		trigenture.
85.	732417104705	VIGNESH D	III/CSE	1	1	1	,	1	1	1	1	,	,		- /	- 36	mitur
86.	732416104001	ABBAS J	IV/CSE	1	1	1	,	1	,	1	,	· ,	1	1	/	36	Vignet
37.	732,16104003	AJITH KUMAR A	IV/CSE	1	1	a	a	/	1	1	/	,	1	-,			1- the
8.	732416104004	ARAVIND A	IV/CSE		1	1	1	1	/	1	1	1		/	1		Ajilhhum
9.	732416104006	BOOMA R	IV/CSE		\dot{r}	1	1	,	,	'	1	a	a		-	.36	Barna

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S.No	Reg No.	Name of the Student	Year/ Branch	09.12	2.2019	10.12	.2019	11.12	2.2019	12.12	2.2019	13.12	.2019	14.12	.2019	No. of Hours	Signature of the Student
			Branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	Student
90.	732416104007	CHANDRU M	IV:CSE	1	1	a	a	1	1	1	1	1	1	1	1	ථිරි	H. chavelary
91.	732416104008	DEEPAK RAJ K	IV/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	k. Deefkarin
92.	732416104009	DEVAPRASAD S	IV:CSE	1	1	1	1	1	1	1	1	a	a	1	1	30	Delaps
93.	732416104010	DHINESHKUMAR M	IV:CSE	1	1	1	1	1	1	1.	1	a	a	1	1	33	Dhineshkamin
94.	732416104011	DINESH V	IV/CSE	1	1	1	1	1	1	1	1	1	1	1	1	.36	Dineshk
95.	732416104012	GAYATHRI G	IV/CSE	1	1	a	a	1	1	1	1	1	1	r	1	33	Crayathri
96.	732416104013	GOKULA KRISHNAN R	IV/CSE	1	1	1	1	1	1	1	j	1	,	1	1	36	R. Grakenhurt
97.	732416104014	HARIHARAN R	IV/CSE	1	1	1	/	1	1	1	1	1	1	1	1	36	R. Harithan
98.	732416104015	HARIPRAKASH B	IV/CSE	1	1	1	1	1	,	1	1	1	1	,	1	36	Hariprakasher
99.	732416104016	HARIPRASATH N	IV/CSE	1	1	9	1	1	1	1	1	1	1	1	1	33	Harial
100.	732416104017	IMMANUVEL G	IV/CSE	1	1	1	1	1	1	a	a	1	1	1	1	30	Tormonunel
101.	732416104019	JOTHI R	IV/CSE	1	1	1	1	1	1	1	1.	1	1	1	1	36	Lathie
102.	732416104020	KAMALI P	IV/CSE	1	1	/	1	9	à	1	1	1	1	1	1	30	Kamali.
103.	731416104021	KANIMOZHI D	IV/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	D. Kominst
104.	732,16104022	KANIMOZHI P	IV/CSE	1	7	1	1	1	1	1	1	1	1	1	1	ථ	P. Kaind
105.	732416104023	KASTHURI G	IV:CSE	1	/	1.	1	1	1	1	1	1	1	,	1	36	Keishthurie
106.	732416104024	KAVITHA N	IV/CSE	1	1	1	1	1	1	1	1	1	a	1	,		
107.	732416104025	KOKILAPRIYA P	IV:'CSE	1	1	1	/	1	1	1	1	1	1	1	1	- 33 34	Kautha
108.	732416104028	KUMAR R	IV/CSE	1	1	1	1	1	1	1	1	1	á	,		1	R. Kumerie

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			branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	
109.	732416104029	LOURDU JERMIYA L	IV/CSE		1	a	a	1	1	1	1	1	1	/	1	33	L. Langet
110.	732416104030	MAHESHWARI L	IV/CSE		rr	1	1	1	/	1	1	1	1	1	1	36	marheshing
111.	732416104031	MOHANRAJ P	IV/CSE	Í	1	1	1	a	a	1	1	1	1	1	1	30	Mohajo
112.	732416104032	MOHANRAJ S	IV/CSE	1	1	1	1	1	1	9	/	1	1	1	1	33	Mohanna
113.	732416104033	MURUKANANDAM B	IV/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	Morukans
114.	732416104034	MYTHILI P	IV/CSE	1	1	a	á	1	1	1	1	1	1	1	1	33	Mythili
115.	732416104035	ΝΙΚΙΤΗΑ Μ	IV/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	M. Nikutta
116.	732416104036	PAVITHRA B	IV/CSE	1	1	1	1	1	/	1	1	1	1	1	1	36	B. Panisthra
117.	732416104037	PRAJITHA A	IV/CSE	ſ	1	1		1	1		1	1	1	1	1	36	Prajithme
118.	732416104038	PRIYADHARSHINI M	IV/CSE	1	1	1	1	1	1	a	a	1	1	1	1	33	Thisas
119.	732416104039	PRIYADHARSHINI S	IV/CSE	1	1	1	1	a	a	1	1	1	1	1	1	30 -	Pringadbash
120.	732416104040	PRIYANKA T	IV/CSE	1	1	1	.1	1	1	1	1	1	1	1	1	36	Rfinde
121.	732416104041	RAMANIVIDHYA N	IV/CSE))	1	1	1	1	1	1	9	a	1	1	30	Romanividhy
122.	737.16104042	RANJANI V	IV/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	V. Ranjan
123.	73: 16104043	SANDHIYA K	IV/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	K. Jonigo
124.	732416104044	SANTHOSH K S	IV/CSE	1	1	1	1	1	1	1	1	1	1	1	1	36	Santhrisher
125.	732416104045	SARANYA R	IV/CSE	1	1	1	1.	1	r	1	1	9	a	1	1	53	Charge
126.	732416104046	SARANYA U	IV/CSE	1	1	1	1	1	1	1	1	1	1	1	1	.36	Caronnel
127.	732416104047	SOWMIYA R	IV/CSE	a	a	1	1	1	1	1	1	1	1	1	1	30	Couries
		1	- (in la					A	🖉 SA	SURIE C	OLLEG	CIPAL CIPAL OF ENGINES 338 056, Tirupu	ERING,

Dr.M.VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt). 0



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			Branch	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	Attended	Student
128.	732416104048	SOWRABI N	IV/CSE	1	1	1	1	1	1	1	,	a	a	1	1	33	Sourabi
129.	732416104049	SREERAJ R	IV/CSE	1	1	1	1	1	1	/	1	1	1	1	1	36	R. Same
130.	732416104050	SWETHA R	IV/CSE	1	1	1	1	a	0	1	,	1	,	1	1	30	L. Suk
131.	732416104051	VAISHNAVI S	IV/CSE	1	1	1	1	a	a	1	1	1	1	1	1	33	Vaishow
132	732416104053	YOGAPRIYA B	IV/CSE	1	1	1	1	1	1	1	.1	1	1	1	1	36	Yon B
133.	737416104301	MOHANRAJ V	IV/CSE	1	r	1	1	a	a	1	1	1	1	,	1	33	Mohanna
134.	732416104703	VELLAPANDI M	IV/CSE	1	1	1	1	1	1	1	1	a	9	1	1	30	1/N. B.L

VAC Coordinator

HoD/CSE

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			Rep	ort on Va	lue Add	led C	Course			
Title:	Edge C	omput								
Resource	Interformed and rog computing unce Person: Mrs.G.Saranya, Robotics Trainer, Zelight Robotics, Erode. of conduct from : 09.12.2019 To: 14.12.2019 Duration: 36 Hou nized by : COMPUTER SCIENCE AND ENGINEERING and IQAC in association Zelight Robotics. Semester: EVEN emic Year: 2019 – 2020 Semester: EVEN sipant Year: II, III, IV Year CSE No. of Students Participated : 13 c: Lecture hall of 11 & 111 year CSE No. of Students Participated : 13 dentstand the key characteristics and components of both paradigms. Identify and discuss key technologies driving Edge and Fog Computing, including IoT and 5G. Evaluate different Edge and Fog Computing platforms and frameworks. Understand and explain the integration of Edge and Fog Computing with Cloud Computing. Analyze and predict future trends and developments in Edge and Fog Computing. Analyze and predict future trends and developments in Edge and Fog Computing. Analyze and predict future trends and developments in Edge and Fog Computing. Assessment Process udents, who are securing more than 70% on total score in the VAC test and secured more than 72 VAC attendance is eligible to receive the course completion certificate for the VAC attended tal Score = (0.5 * Attendance in VAC out of 100 percentage + 0.5 * Test mark in VAC out of 100 m of students successfully completed the VAC course is 134 Students based on the above assess									
Date of co	nduct fro	om :	09.12.2019		To:			Duration:	36 H	lours
Organized	l by :				E AND EN	GINE	ERING an	d IQAC in a	ssocial	tion with
Academic	Year:		2019 - 2020)			Sem	lester:	EVI	EN
Participan	t Year:	11, 111	, IV Year C	SE	e.		No. of Stu	dents Particip	ated :	134
Venue:	Lecture	hall of	f II & III ye	ar CSE						
			Outcor	ne of Value	e Added (Cours	se (VAC)			
Un Ide Ev Un Ar Student in VAC	derstand entify and aluate dif aderstand adyze and ts, who a c attenda	the key discuss ferent E and exp l predict re secur nce is e	characteristics key technolog idge and Fog (lain the integr future trends ring more th ligible to rec	s and compone gies driving Ec Computing plat ation of Edge a and developm Assessm an 70% on t eive the cours	dge and Fog tforms and f and Fog Cor ents in Edge ment Proc otal score is se completi	Computing mputing and For cess in the on cer	iting, includin orks. g with Cloud og Computin VAC test at tificate for t	Computing. g. nd secured m	ore tha	
No. of stu process.	idents si	iccessfu	ally complete	ed the VAC	course is 1	134 St	udents bas	ed on the ab	ove as	sessment
	VAC	o-ordin	≫ nator	1	SHC 10D/CSE					





Certificate of Participation

Coordinator

Head of the Department

T-J-~~ Principal

Dr.M.VIJAVA KUMAR ME., Ph.D., PRITICIPAL SASURIE COLLEGE CF ENGINEERING, Vijayamangalam - 633 056, Tirupur (Dt).



Certificate of Participation

This is to certify that Mr./Ms AZARUDEENA,III/CSE has successfully completed the Value Added Course titled "Edge Computing and Fog Computing" Organized by the Department of Computer Science and Engineering in association with IQAC of Sasurie College of Engineering and Zelight Robotics, Erode from 09.12.2019 to 14.12.2019 (6 Days).

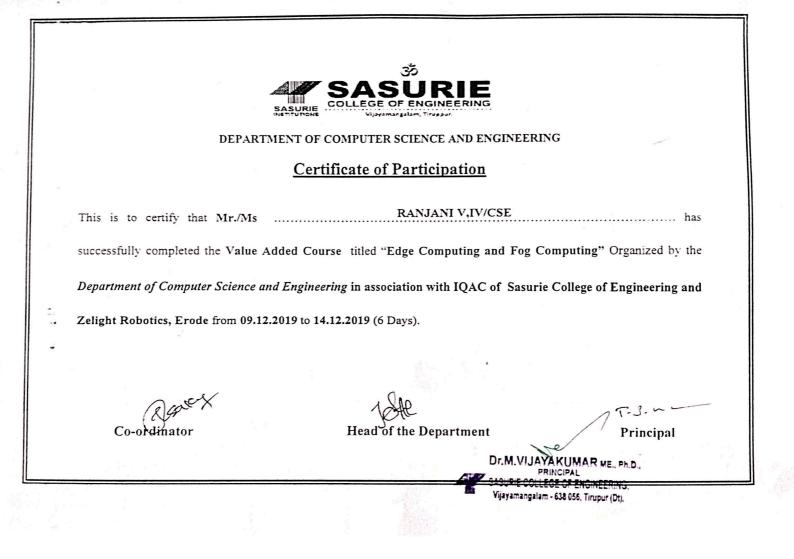
Head of the Department

T-S-~4

Principal

Dr.M. VIJAYAKUMAR ME Ph.D., SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 636 056, Tirupur (Dt).







Certificate of Participation

This is to certify that Mr./Ms HARIPRASATH N, IV/CSE has

successfully completed the Value Added Course titled "Edge Computing and Fog Computing" Organized by the Department of Computer Science and Engineering in association with IQAC of Sasurie College of Engineering and Zelight Robotics, Erode from 09.12.2019 to 14.12.2019 (6 Days).

Coordinato

Head of the Department

T-J-n Principal

Dr. M. VIJAYA KUMAR Me., Ph.D., FRMOPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangatam - 633 056, Tirupur (Dt).



TEST QUESTION PAPER - VALUE ADDED COURSE

"Edge Computing and Fog Computing"

From 09.12.2019 to 14.12.2019 (6 days)

Duration : 36 Hours

Academic Year : 2019 -2020 /EVEN

Date of Test : 14.12.2019

MULTIPLE CHOICE QUESTIONS (25 X 1 - 25 Marks)

Name of the Student:

Year/Sem:

AU Register Number:

Answer all the questions:

1. What is the primary difference between Edge and Fog Computing?

- a. Fog focuses on devices; Edge focuses on networks.
- b. Edge focuses on devices; Fog focuses on networks.
- c. They are interchangeable terms.
- d. Both focus on devices and networks equally.

2. In Edge Computing, what are the main components of the architecture?

a. Cloud, Devices, Network

b. Devices, Edge Nodes, Cloud

c. Network, Fog Nodes, Devices

d. Devices, Edge Nodes, Sensors

3. Fog Computing is known for its hierarchical architecture. What does this hierarchy typically include?

a. Only Edge Nodes

b. Edge Nodes and Cloud

- c. Edge Nodes, Fog Nodes, and Cloud
- d. Only Cloud

4. Which technology plays a crucial role in both Edge and Fog Computing environments?

a Artificial Intelligence

b. Blockchain

- c. Virtual Reality
- d. Internet of Things (IoT)

5. What is the primary role of 5G in the context of Edge and Fog Computing?

- a. Enhancing cloud-based applications
- b. Reducing latency and improving bandwidth
- c. Securing IoT devices
- d. Enhancing fog node processing power

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- 6. Which of the following is a challenge in Edge and Fog Computing related to data processing? a. High bandwidth
 - b. Low latency
 - c. Scalability
 - d. Privacy concerns

7. What is a common application of Edge and Fog Computing in the healthcare industry? a. Predictive maintenance of machinery

b. Patient monitoring and data processing at the edge

- c. Supply chain optimization
- d. Virtual reality gaming
- 8. What is a key consideration for ensuring security in Edge and Fog Computing environments?
 a. Decreasing encryption levels
 - b. Ignoring privacy concerns
 - c. Overlooking software updates
 - d. Identifying and addressing vulnerabilities

9. Which term is often used to describe the integration of Cloud Computing with Edge and Fog Computing?

- a. Edge-Cloud Fusion
- b. Fog-Cloud Integration
- c. Cloud-Edge Collaboration
- d. Cloud-Fog Convergence

10. In the context of Industry 4.0, how does Edge and Fog Computing contribute to smart manufacturing?

- a. Enhancing traditional manufacturing processes
- b. Providing real-time data processing for automation
- c. Focusing solely on manual labor
- d. Ignoring the role of IoT devices

11. What does the term "latency" refer to in Edge and Fog Computing?

- a. Data processing speed
- b. Network bandwidth
- c. Security measures
- d. Data storage capacity

12. Which of the following is a Fog Computing platform used for building and deploying applications on the edge?

- a. TensorFlow
- b. OpenStack
- c. Azure IoT Edge
- d. Apache Hadoop

13. What is the primary purpose of Edge Devices in Edge Computing?

- a. Storing large datasets
- b. Processing data locally
- c. Establishing network connections
- d. Managing cloud resources

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- 14. Which industry commonly uses Edge and Fog Computing for optimizing supply chain operations? a. Agriculture
 - b. Retail
 - c. Entertainment
 - d. Education
 - d. Education

15. What role does Artificial Intelligence (AI) play in Edge and Fog Computing environments? a. It is not relevant to these environments.

b. AI enables real-time decision-making at the edge.

c. AI is only used in cloud-based applications.

d. Al is solely focused on Fog Computing.

16. Which security concern is specifically associated with Edge and Fog Computing?

- a. Cloud service reliability
- b. Device authentication

c. Network latency

- d. Edge node processing power
- 17. What does the term "scalability" refer to in the context of Edge and Fog Computing? a. Ability to process large datasets
 - b. Ease of integration with the cloud
 - c. Flexibility to handle increased workloads
 - d. Security measures in place
- 18. Which of the following is a key benefit of Fog Computing?
 - a. Reduced latency
 - b. Centralized data processing
 - c. Limited device connectivity
 - d. Minimal use of edge nodes
- 19. How do Edge and Fog Computing contribute to energy efficiency in smart cities?
 - a. By increasing energy consumption
 - b. Through optimized resource utilization
 - c. By reducing the number of devices
 - d. Only by relying on cloud resources
- 20. What is the primary focus of Fog Nodes in Fog Computing?
 - a. Processing data locally
 - b. Managing cloud resources
 - c. Connecting devices to the network .
 - d. Storing large datasets
- 21. Which technology facilitates communication between IoT devices in Edge and Fog Computing?
 - a. Bluetooth
 - b. Morse code
 - c. Satellite communication
 - d. NFC (Near Field Communication)

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- 22. In Fog Computing, what is the purpose of Edge Nodes?
 - a. Processing data locally
 - b. Establishing cloud connections
 - c. Managing network infrastructure
 - d. Storing large datasets

23. What is the primary motivation behind integrating Edge and Fog Computing with Cloud Computing?

- a. Increased latency
- b. Enhanced collaboration
- c. Improved scalability

d. Reduced security measures

24. How does Edge Computing contribute to reducing network traffic?

a. By centralizing data processing

- b. By processing data locally on devices
- c. Through increased reliance on cloud resources

d. By ignoring network constraints

25. What are the consequences of overlooking security measures in Edge and Fog Computing?

a. Enhanced data protection

- b. Improved system performance
- c. Increased vulnerability to cyber threats
- d. Greater compatibility with legacy systems.

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TEST QUESTION ANSWER KEY - VALUE ADDED COURSE

"Edge Computing and Fog Computing"

From 09.12.2019 to 14.12.2019 (6 days)

Duration : 36 Hours

23

Academic Year : 2019 -2020 /EVEN

Date of Test : 14.12.2019

		`			*			1	
1	b	6	с	11	а	16	Ъ	21	а
2	b	. 7	b	12	с	17	С	22	а
3	с	. 8	d	13	Ъ	18	а	23	с
4	d	9	с	14	b	19	b	24	ь
5	ь	10	b	15	b	20	а	25	c -
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TEST QUESTION PAPER - VALUE ADDED COURSE

"Edge Computing and Fog Computing"

From 09.12.2019 to 14.12.2019 (6 days)

Duration : 36 Hours

Academic Year : 2019 - 2020 / EVEN

Date of Test : 14.12.2019

MULTIPLE CHOICE QUESTIONS (25 X 1 = 25 Marks)

Name of the Student: $A \cdot DIVYA$

Year/Sem: 111 - VI

AU Register Number: 732417 104015

Answer all the questions:

1. What is the primary difference between Edge and Fog Computing?

a. Fog focuses on devices; Edge focuses on networks.

b Edge focuses on devices; Fog focuses on networks.

c. They are interchangeable terms.

d. Both focus on devices and networks equally.

2. In Edge Computing, what are the main components of the architecture?

a. Cloud, Devices, Network

Devices, Edge Nodes, Cloud

c. Network, Fog Nodes, Devices

d. Devices, Edge Nodes, Sensors

3. Fog Computing is known for its hierarchical architecture. What does this hierarchy typically include? a. Only Edge Nodes

b. Edge Nodes and Cloud

- C Edge Nodes, Fog Nodes, and Cloud
- d. Only Cloud

4. Which technology plays a crucial role in both Edge and Fog Computing environments?

- a. Artificial Intelligence
- b. Blockchain
- c. Virtual Reality
- (d) Internet of Things (IoT)

5. What is the primary role of 5G in the context of Edge and Fog Computing?

a. Enhancing cloud-based applications

• Reducing latency and improving bandwidth

- c. Securing IoT devices
- d. Enhancing fog node processing power

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6. Which of the following is a challenge in Edge and Fog Computing related to data processing? a. High bandwidth

D Low latency

c. Scalability

d. Privacy concerns

7. What is a common application of Edge and Fog Computing in the healthcare industry? a. Predictive maintenance of machinery

① Patient monitoring and data processing at the edge

c. Supply chain optimization

d. Virtual reality gaming

8. What is a key consideration for ensuring security in Edge and Fog Computing environments?

a. Decreasing encryption levels

b. Ignoring privacy concerns

e. Overlooking software updates

Identifying and addressing vulnerabilities

9. Which term is often used to describe the integration of Cloud Computing with Edge and Fog Computing?

a. Edge-Cloud Fusion

b. Fog-Cloud Integration

Cloud-Edge Collaboration

d. Cloud-Fog Convergence

10. In the context of Industry 4.0, how does Edge and Fog Computing contribute to smart manufacturing? a. Enhancing traditional manufacturing processes

D Providing real-time data processing for automation

c. Focusing solely on manual labor

d. Ignoring the role of IoT devices

11. What does the term "latency" refer to in Edge and Fog Computing?

(a) Data processing speed

b. Network bandwidth

c. Security measures

d. Data storage capacity

12. Which of the following is a Fog Computing platform used for building and deploying applications on the edge?

a. TensorFlow

(OpenStack

c. Azure IoT Edge

d. Apache Hadoop

13. What is the primary purpose of Edge Devices in Edge Computing?

a. Storing large datasets

B Processing data locally

- c. Establishing network connections
- d. Managing cloud resources

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- Which industry commonly uses Edge and Fog Computing for optimizing supply chain operations?
 a. Agriculture
- **b** Retail
- c. Entertainment
- d. Education

15. What role does Artificial Intelligence (AI) play in Edge and Fog Computing environments? (a) It is not relevant to these environments.

- b. Al enables real-time decision-making at the edge.
- c. AI is only used in cloud-based applications.
- d. AI is solely focused on Fog Computing.

16. Which security concern is specifically associated with Edge and Fog Computing?

Cloud service reliability

b. Device authentication

- c. Network latency
- d. Edge node processing power
- 17. What does the term "scalability" refer to in the context of Edge and Fog Computing?a. Ability to process large datasets
 - b. Ease of integration with the cloud
 - C Flexibility to handle increased workloads
 - d. Security measures in place
- 18. Which of the following is a key benefit of Fog Computing?
- 3. Reduced latency
- b. Centralized data processing
- c. Limited device connectivity
- d. Minimal use of edge nodes
- 19. How do Edge and Fog Computing contribute to energy efficiency in smart cities?
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- 21. Which technology facilitates communication between IoT devices in Edge and Fog Computing? a. Bluetooth
- D Morse code
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- d. NFC (Near Field Communication)

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22. In Fog Computing, what is the purpose of Edge Nodes?

(a) Processing data locally

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b. Enhanced collaboration

C Improved scalability

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24. How does Edge Computing contribute to reducing network traffic?

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b. Improved system performance

C Increased vulnerability to cyber threats

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Dr.M.VIJAYAKUMAR ME., Ph.D., SASURIE COLLEGE OF ENGINEERING.

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ASSESMENT SHEET - VALUE ADDED COURSE

"Edge Computing and Fog Computing"

From 09.12.2019 to 14.12.2019 (6 days)

Duration : 36 Hours

57

Academic Year : 2019 -2020/ EVEN

				Attenda	nce Details	VAC-M	CQ TEST	OVERALL
S.No	Reg No.	Name of the Student	Year/ Branch	No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	Score (100) (50% of A + 50% of B)
1.	732418104002	BALAKRISHNAN P	II/CSE	36	100	19	76	88
2.	732418104005	KARTHICK R G	II/CSE	33	92	19	76	83
3.	732418104006	KARTHIKA S	II/CSE	30	83	21	84	82
4.	732418104007	KARTHIKEYAN C	II/CSE	36	100	18	72	86
5.	732418104008	KAVIYA R	II/CSE	30	83	· 20	80	80
6.	732418104009	MADHUMATHI G	II/CSE	36	100	19	76	88
7.	732418104011	MANJU M	II/CSE	36	100	19	76	88
8.	732418104012	NAVANEETHAKRISHNAN B	II/CSE	36	100	18	72	86
9.	732418104013	RAMYA M	II/CSE	33	92	19	76	83
10.	732418104014	SUNDARA MANIKANDAN G	II/CSE	36	100	19	76	88
11.	732418104017	YUVADHARSHINI R P	II/CSE	30	83	20	80	80
12.	732418104701	MALATHI P	II/CSE	36	100	19	76	88
13.	732418104702	ASHVINIYA M	II/CSE	30	83	21	84	82

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				Attenda	nce Details	VAC-M	ICQ TEST	OVERALL Score
S.No	Reg No.	Name of the Student	Year/ Branch	No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	(100). (50% of A + 50% of B)
14.	732418104703	PUSHPA RAJ M	II/CSE	33	92	19	76	83
15.	732418104704	VIJAYA RAGHAVAN S	II/CSE	36	100	20	80	90
16.	732418104705	SATHYASRI H	II/CSE	30	83	21	84	82
17.	732418104706	SIVASANKAR R	II/CSE	33	92	18	72	81
18.	732417104001	ABISHA G	III/CSE	36	100	21	84	92
19.	732417104003	AKASH S	III/CSE	33	92	19	76	83
20.	732417104004	AMIT TIWARI	III/CSE	36	100	19	76	88
21.	732417104005	ANILESH M	III/CSE	33	92	19	76	83
22.	732417104006	ANJUGAM S	III/CSE	36	100	20	80	90
23.	732417104007	ANUSHA M	III/CSE	30	83	21	84	82
24.	732417104008	ARCHANA D	III/CSE	33	92	1.8	72	81
25.	732417104009	ARUNKUMAR M	III/CSE	36	100	21	84	92
26.	732417104011	AZARUDEEN A	III/CSE	33	92	19	76	83
27.	732417104012	BHARATHIRAJA B	III/CSE	36	100	19	76	88
28.	732417104013	DHARANI PRIYA K	III/CSE	33	92	19	76	83
29.	732417104015	DIVYA A	III/CSE	36	100	20	80	90
30.	732417104016	GOKUL V	III/CSE	30	83	21	84	82
31.	732417104019	НЕМА М	III/CSE	36 .	100	21	84	92
32.	732417104020	ISWARYA M	III/CSE	36	100	21	84	92

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	8 y			Attenda	nce Details	VAC-M	CQ TEST	OVERALL Score
S.No	Reg No.	Name of the Student	Year/ Branch	No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	(100) (50% of A + 50% of B)
33.	732417104021	IYAPPAN R	III/CSE	33	92	19	76	83
34.	732417104022	JANAKI G	III/CSE	36	100	20	80	90
35.	732417104023	JANANI A	III/CSE	30	83.	21	84	82
36.	732417104024	JAYAKRISH M K	III/CSE	33	92	18	72	81
37.	732417104025	JITHIN BABU M	III/CSE	36	100	· 21	84	92
38.	732417104026	KANIMOZHI K	III/CSE	33	92	19	76	83
39.	732417104027	KAVIN T	III/CSE	36	100	19	76	88
40.	732417104028	KAVIPRIYASRI C	III/CSE	36	100	21	84	92
41.	732417104029	KAVITHA M	III/CSE	36	100	19	76	88
42.	732417104030	KEERTHI M	III/CSE	33	92	19	76	83
43.	732417104031	KIRUBASHREE S	III/CSE	30	83	` 21	84	82
44.	732417104032	LAVANYA L	III/CSE	36	100	18	72	86
45.	732417104033	MADHANKUMAR K	III/CSE	30	83	20	80	80
46.	732417104035	MARIYAMMAL K	III/CSE	36	100	19	76	88
47.	732417104036	MARTINA S	III/CSE	36	100	19	76	88
48.	732417104037	MATHIAZHAGAN R	III/CSE	36	100 ;	18	72	86
49.	732417104038	MATHUBALAN P	III/CSE	33	92	19	76	83
50.	732417104039	MEENAKSHI S	III/CSE	36	100	19	76	88
51.	732417104040	MOBINA J	III/CSE	30	83	20	80	80

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S.No	Reg No.	Name of the Student	Year/ Branch	No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	(100) (50% of A + 50% of B)
52.	732417104042	MUHAMMED RASHID C	III/CSE	33	92	19	76	83
53.	732417104043	NANDHINI S	III/CSE	36	100	20	80	90
54.	732417104044	NAVEEN J	III/CSE	30	83	21	84	82
55.	732417104045	NIZHAMUDEEN B	III/CSE	33	92	18	72	81
56.	732417104047	PRATHEESH KRISHNA T S	III/CSE	36	100	21	84	92
57.	732417104048	PREMA R	III/CSE	33	92	19	76	83
58.	732417104049	PREMALATHA L	III/CSE	36	100	19	76	88
59.	732417104050	PRIYA S	III/CSE	36	100	21	84	92
60.	732417104051	PRIYANKA K	III/CSE	36	100	19	76	88
61.	732417104052	PRIYANKA M	III/CSE	33	92	19	76	83
62.	732417104053	PRIYANKA S	III/CSE	30	83	21	84	82
63.	732417104054	RAVANAN M	III/CSE	36	100	18	72	86
64.	732417104055	SANTHIYA A	III/CSE	30	83	20	80	80
65.	732417104056	SANTHOSH M	III/CSE	36	100	19	76	88
66.	732417104057	SANTHOSHKUMAR C	III/CSE	36	100	19	76	88
67.	732417104058	SARAVANAKUMAR A	III/CSE	36	100	18	72	86
68.	732417104059	SARUMATHI E	III/CSE	33	92	19	76	83
69.	732417104060	SOWMIYA B	III/CSE	36	100	19	76	88
70.	732417104061	SUGUNA M	III/CSE	30	83	20	80	80

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			×.	Attenda	nce Details	VAC-M	CQ TEST	OVERALL Score
S.No	Reg No.	Name of the Student	Year/ Branch	No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	(100) (50% of A + 50% of B)
71.	732417104062	SUNDARAPANDIYAN E	III/CSE	33	92	19	76	83
72.	732417104064	SURYA M	III/CSE	36	100	20	80	90
73.	732417104065	SURYAPRAKASH K	III/CSE	30	83	21	84	82
74.	732417104066	THANGAPRAKASH M	III/CSE	33	92	18	72	81
75.	732417104067	VIJAYAKUMAR P	III/CSE	36	100	21	84	92
76.	732417104068	VINITHA M	III/CSE	33	92	19	76	83
77.	732417104070	VIVETHA V	III/CSE	36	100	19	76	88
78.	732417104071	YASOTHA V	III/CSE	36	100	21	84	92
79.	732417104072	YOGANATHAN R	III/CSE	36	100	19	76	88
80.	732417104073	YUVA VISHNU PRIYA A	III/CSE	33	92	19	76	83
81.	732417104701	ESSAKIAMMA A	III/CSE	30	83	21	84	82
82.	732417104702	NIVETHA M	III/CSE	36	100	18	72	86
83.	732417104703	PRIYADHARSHINI E	III/CSE	30	83	20	80	80
84.	732417104704	SANTHI PRIYA K	III/CSE	36	100	19	76	88
85.	732417104705	VIGNESH D	III/CSE	36	100	19	76	88
86.	732416104001	ABBAS J	IV/CSE	36	100	18	72	86
87.	732416104003	AJITH KUMAR A	IV/CSE	33	92	19	76	83
88.	732416104004	ARAVIND A	IV/CSE	36	100	19	76	88
89.	732416104006	BOOMA R	IV/CSE	30	83	20	80	80

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S.No	Reg No.	Name of the Student	Year/ Branch	No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	Score (100) (50% of A + 50% of B)
90.	732416104007	CHANDRU M	IV/CSE	33	92	19	76	83
91.	732416104008	DEEPAK RAJ K	IV/CSE	36	100	20	80	90
92.	732416104009	DEVAPRASAD S	IV/CSE	30	83	21	84	82
93.	732416104010	DHINESHKUMAR M ·	IV/CSE	33	92	18	72	81
94.	732416104011	DINESH V	IV/CSE	36	100	21	84	92
95.	732416104012	GAYATHRI G	IV/CSE	33	92	19	76	83
96.	732416104013	GOKULA KRISHNAN R	IV/CSE	36	100	19	76	88
97.	732416104014	HARIHARAN R	IV/CSE	36	100	21	84	92
98.	732416104015	HARIPRAKASH B	IV/CSE	36	100	19	76	88
99.	732416104016	HARIPRASATH N	IV/CSE	33	92	19	76	83
100.	732416104017	IMMANUVEL G	IV/CSE	30	83	21	84	82
101.	732416104019	JOTHI R	IV/CSE	36	100	18	72	86
102.	732416104020	KAMALI P	IV/CSE	30	83	20	80	80
103.	732416104021	KANIMOZHI D	IV/CSE	36	100	19	76	88
104.	732416104022	KANIMOZHI P	IV/CSE	36	100	19	76	88
105.	732416104023	KASTHURI G	IV/CSE	36	100	18	72	86
106.	732416104024	KAVITHA N	IV/CSE	33	92	19	76	83
107.	732416104025	KOKILAPRIYA P	IV/CSE	36	100	19	76	88
108.	732416104028	KUMAR R	IV/CSE	30	83	20	80	80

Alo Dr.M. VIJAYAKUMAR ME., Ph.D., PRINCIPAL SASURIE COLLEGE OF ENGINEERING, Vijayamangalam - 638 056, Tirupur (Dt).



S.No	Reg No.	Name of the Student	Year/ Branch	Attendance Details		VAC-MCQ TEST		OVERALL Score
				No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	(100) (50% of A + 50% of B)
109.	732416104029	LOURDU JERMIYA L	IV/CSE	33	92	19	76	83
110.	732416104030	MAHESHWARI L	IV/CSE	36	100	20	80	90
111.	732416104031	MOHANRAJ P	IV/CSE	30	83	21	84	82
112.	732416104032	MOHANRAJ S	IV/CSE	33	92	18	72	81
113.	732416104033	MURUKANANDAM B	IV/CSE	36	100	21	84	92
114.	732416104034	MYTHILI P	IV/CSE	33	92	19	76	83
115.	732416104035	NIKITHA M	IV/CSE	36	100	19	76	88
116.	732416104036	PAVITHRA B	IV/CSE	36	100	21	84	92
117.	732416104037	PRAJITHA A	IV/CSE	36	100	19	76	88
118.	732416104038	PRIYADHARSHINI M	IV/CSE	33	92	19	76	83
119.	732416104039	PRIYADHARSHINI S	IV/CSE	30	83	21	84	82
120.	732416104040	PRIYANKA T	IV/CSE	36	· 100	18	72	86
121.	732416104041	RAMANIVIDHYA N	IV/CSE	30	83	20	80	80
122.	732416104042	RANJANI V	IV/CSE	36	100	19	76	88
123.	732416104043	SANDHIYA K	IV/CSE	36	100	19	76	88
124.	732416104044	SANTHOSH K S	IV/CSE	36	100	18	72	86
125.	732416104045	SARANYA R	IV/CSE	33	92	19	76	83
126.	732416104046	SARANYA U	IV/CSE	36	100	19	76	88
127.	732416104047	SOWMIYA R	IV/CSE	30	83	20	80	80

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S.No	Reg No.	Name of the Student	Year/ Branch	Attendance Details		VAC-MCQ TEST		OVERALL Score
				No. of Hours Attended	Attendance Score (100) (A)	No. of Correct Answers	MCQ Score (100) (B)	(100) (50% of A + 50% of B)
128.	732416104048	SOWRABIN	IV/CSE	33	92	19	76	83
129.	732416104049	SREERAJ R	IV/CSE	36	100	20	80	90
130.	732416104050	SWETHA R	IV/CSE	30	83	21	84	82
131.	732416104051	VAISHNAVIS	IV/CSE	33	92	18	72	81
132.	732416104053	YOGAPRIYA B	IV/CSE	36	100	21	84	92
133.	732416104301	MOHANRAJ V	IV/CSE	33	92	19	76	83
134.	732416104703	VELLAPANDI M	IV/CSE	30	83	21	84	82

VAC Coordinator

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Spe HOD/CSE

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