



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 1

CURRICULAR ASPECTS

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





DEPARTMENT OF INFORMATION TECHNOLOGY

ACADEMIC YEAR 2019-2020/ EVEN SEMESTER

1.2 Academic Flexibility (30)

1.2.1 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

1.2.2 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:	Smart Computing Technologies in IOT				
Resource Person:	Mr. Selvaraj, Chief Executive Officer, Leo Tech, Vizro				
Date of conduct from:	25.04.2020	To:	29.04.2020	Duration:	30 Hours
Organized Department:	INFORMATION TECHNOLOGY				
Participant Year:	IT IV,III,II	Semester:	EVEN	No. of Students Registered:	77
Venue:	Online mode meet.google.com/uke-cuhd-emh				

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Department of Information Technology

Academic Year 2019 - 2020 – EVEN Semester

17.04.2020

DEPARTMENT CIRCULAR

Department of Information Technology and IQAC of IGCE in association with Leo Tech, Vizro is going to organize Value Added Course for all Second, Third and Final year students on “Smart Computing Technologies in IOT” by from 25.04.2020 to 29.04.2020. Certificates will be issued to the eligible participants at the end of the Course. This training is to be provided in our campus.

“IOT	Ms. U. Liza, Chief Executive Officer, Leo Tech, Vizro
Venue	IT Seminar Hall, IGCE


HOD/IT


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.


PRINCIPAL

Cc:

- Principal office
- IQAC Co-Ordinator
- Class In charges - II, III & IV-Year
- II, III & IV-Year IT Students
- Office File
- Notice Board



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Value Added Course

"Smart Computing Technologies in IOT"

SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	Introduction to Embedded System and Internet of Things	3	25.04.2020
2	Embedded IoT Platform Design Methodologies	3	25.04.2020
3	Pillars of Embedded IoT and Physical Devices	3	26.04.2020
4	IoT Protocols and Security	3	26.04.2020
5	Web of Things and Cloud of Things	3	27.04.2020
6	BACNet Protocol, Modbus, KNX, Zigbee Architecture	3	27.04.2020
7	Architecture Standardization for WoT, Platform Middleware for WoT	3	28.04.2020
8	IoT Physical Servers, Cloud Offerings and IoT Case Studies	3	28.04.2020
9	IoT applications	3	29.04.2020
10	Real Time Systems	2	29.04.2020
11	Exam	1	29.04.2020
Total Hours (Excluding Exam)		30	-


VAC Coordinator


Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
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HOD / IT



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Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
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IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.

Value Added Course

“Smart Computing Technologies in IOT”

STUDENTS PARTICIPATION LIST

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
1	811216205001	Anusuya Devi R	IV / IT
2	811216205003	Balambigal A	IV / IT
3	811216205004	Bharath C	IV / IT
4	811216205005	Boopalan K	IV / IT
5	811216205006	Jeevamani M	IV / IT
6	811216205007	Jeyapriya D	IV / IT
7	811216205008	Kalaiyarasi N	IV / IT
8	811216205009	Kanagavalli J	IV / IT
9	811216205010	Keerthika R	IV / IT
10	811216205011	Krishnan K	IV / IT
11	811216205012	Muthulakshmi P	IV / IT
12	811216205013	Nandhini C	IV / IT
13	811216205014	Nelson	IV / IT
14	811216205015	Parameshwari K	IV / IT
15	811216205016	Poovaragavan	IV / IT
16	811216205017	Priyadharshini A	IV / IT
17	811216205018	Radhika M	IV / IT
18	811216205019	Roshini A	IV / IT
19	811216205020	Rubini K	IV / IT
20	811216205022	Savithri S	IV / IT
21	811216205023	Selvapathi V	IV / IT
22	811216205024	Sivakavi S	IV / IT
23	811216205025	Sivakumar S	IV / IT
24	811216205026	Thanisha S	IV / IT
25	811216205027	Thasthagir S	IV / IT
26	811216205028	Victoriyarani T	IV / IT
27	811216205029	Vidhyasri M	IV / IT
28	811216205030	Wasim Akram M	IV / IT
29	811216205501	Aravinthan S	IV / IT
30	811217205001	Anitha G	III / IT
31	811217205002	Balaji V	III / IT
32	811217205003	Gopal P	III / IT
33	811217205004	Hariharan S	III / IT
34	811217205005	Karthick A	III / IT
35	811217205006	Lisha Y	III / IT
36	811217205007	Lokeshwaran V	III / IT
37	811217205008	Merciya Mary A	III / IT
38	811217205009	Mohamed Riyaj Khan M	III / IT



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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH
39	811217205010	Mukesh Kanna S	III / IT
40	811217205011	Pakkiyalakshmi A	III / IT
41	811217205013	Sankar C	III / IT
42	811217205015	Santhiya K	III / IT
43	811217205016	Saranya C	III / IT
44	811217205017	Sudhahar S	III / IT
45	811217205018	Swetha K	III / IT
46	811217205019	Tamilselvi M	III / IT
47	811217205020	Thiruppathi S	III / IT
48	811217205021	Vijayaraj S	III / IT
49	811217205022	Vijay Joseph P	III / IT
50	811218205001	Deepa T	II / IT
51	811218205002	Dharshini K	II / IT
52	811218205003	Gopi U	II / IT
53	811218205004	Harish R	II / IT
54	811218205005	Irudhayaraj A	II / IT
55	811218205006	Janani S	II / IT
56	811218205007	Janarthanan	II / IT
57	811218205008	Kamalesh A	II / IT
58	811218205009	Kaviyarasu C	II / IT
59	811218205010	Kayalvizhi.B	II / IT
60	811218205011	Manoharan T	II / IT
61	811218205012	Meena R	II / IT
62	811218205013	Milton Billgates J	II / IT
63	811218205014	Mohammed Aarif J	II / IT
64	811218205015	Pavithra.N	II / IT
65	811218205016	Priyanka A	II / IT
66	811218205017	Robinson Isalah E	II / IT
67	811218205018	Selvi M	II / IT
68	811218205019	Shalini Gayathri S	II / IT
69	811218205020	Sivaraman S	II / IT
70	811218205021	Snekaa R	II / IT
71	811218205022	Suganya K	II / IT
72	811218205023	Vasanth S	II / IT
73	811218205024	Vijayakaran M	II / IT
74	811218205025	Wilson Jayaraj S	II / IT
75	811218205026	Antony Arul Doss A	II / IT
76	811218205027	Geethanjali R	II / IT
77	811218205028	Dhanalakshmi K	II / IT

Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

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VAC Coordinator


HOD/IT



REPORT ON VALUE ADDED COURSE

Title: "Smart Computing Technologies in IOT"

Resource Person: Ms. U. Liza,
Chief Executive Officer,
Leo Tech, Vizro

Date of conduct from : 25.05.2020 To: 29.04.2020 Duration: 30 Hours

Organized Department : INFORMATION TECHNOLOGY

Participant Year: 2,3,4 No. of Students Registered : 77

Venue: IT Seminar Hall meet.google.com/uke-cuhd-emh

Outcome of Value Added Course (VAC): At the end of the Course, Students can be able to

- CO1: To understand the architecture of embedded processors.
- CO2: To Utilize embedded C programs.
- CO3: Study simple embedded applications.
- CO4: To Compare the communication models in IOT
- CO5: Establizing Design IoT applications using Arduino/Raspberry Pi /open platform
- CO6: To study smart computing technologies.

Assessment Process

- Students, who are securing more than 70% 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/IT


Principal

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SAMPLE PHOTOS OF VALUE ADDED COURSE

Title: "Smart Computing Technologies in IOT "

Resource Person: Ms. U. Liza,
Chief Executive Officer,
Leo Tech, Vizro

Date of conduct from : 25.04.2020 To: 29.04.2020 Duration: 30 Hours

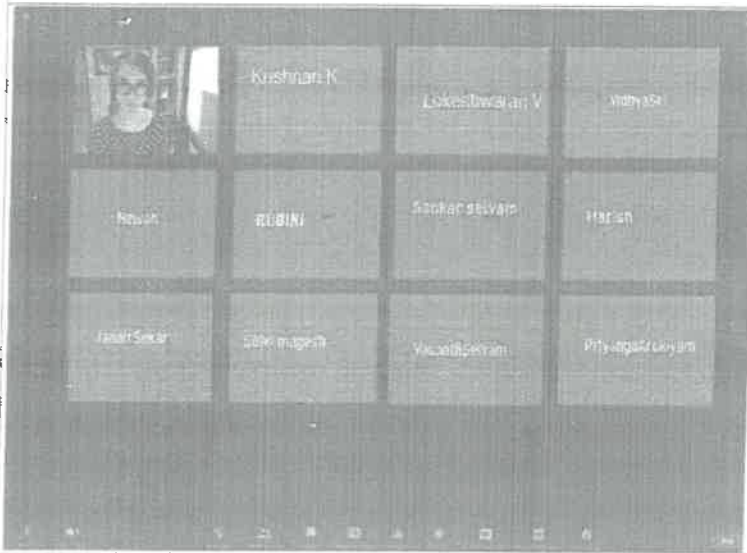
Organized Department : INFORMATION TECHNOLOGY

Participant Year: 2,3,4

No. of Students Registered : 77

Venue: IT Seminar Hall meet.google.com/uke-cuhd-emh


Sample Photos:




VAC Coordinator


HoD/IT


Principal


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Name of the Student:

Year / Sem:

AU Register Number:

Value Added Course

“Smart Computing Technologies in IOT ”

MULTIPLE CHOICE QUESTIONS (25X1 = 25 Marks)

1. Which memory storage is widely used in PCs and Embedded Systems?
 - a) EEPROM
 - b) Flash memory
 - c) SRAM
 - d) DRAM
2. How is the protection and security for an embedded system made?
 - a) Security chips
 - b) Memory disk security
 - c) IPR
 - d) OTP
3. Which of the following task swapping method is a better choice in the embedded systems design?
 - a) time slice
 - b) RMS
 - c) cooperative multitasking
 - d) pre-emptive
4. Which type of memory is suitable for low volume production of embedded systems?
 - a) Non-volatile
 - b) RAM
 - c) Volatile
 - d) ROM
5. Which activity is concerned with identifying the task at the final embedded systems?
 - a) scheduling
 - b) task-level concurrency management
 - c) high-level transformation
 - d) compilation
6. Which level simulates the algorithms that are used within the embedded systems?
 - a) algorithmic level
 - b) switch level
 - c) gate level
 - d) circuit level


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13. What is the name of the Artificial Intelligence system developed by Daniel Bobrow?
 - a) program known as BACON
 - b) system known as STUDENT
 - c) program known as SHRDLU
 - d) system known as SIMD

14. What is the function of the system Student?
 - a) program that can read algebra word problems only
 - b) system which can solve algebra word problems but not read
 - c) system which can read and solve algebra word problems
 - d) None of the mentioned

15. Which of the following is not an application of artificial intelligence?
 - a) Face recognition system
 - b) Chatbots
 - c) LIDAR
 - d) DBMS

16. Which of the following machine requires input from the humans but can interpret the outputs
 - a) Actuators
 - b) Sensor
 - c) Agents
 - d) AI system

17. _____ number of informed search method are there in Artificial Intelligence.
 - a) 4
 - b) 3
 - c) 2
 - d) 1

18. The total number of proposition symbols in AI are _____
 - a) 3 proposition symbols
 - b) 1 proposition symbols
 - c) 2 proposition symbols
 - d) No proposition symbols

19. The total number of logical symbols in AI are _____
 - a) There are 3 logical symbols
 - b) There are 5 logical symbols
 - c) Number of logical symbols are based on the input
 - d) Logical symbols are not used

20. Which of the following are the approaches to Artificial Intelligence?
 - a) Applied approach
 - b) Strong approach
 - c) Weak approach
 - d) All of the mentioned

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21. Face Recognition system is based on which type of approach?
- Weak AI approach
 - Applied AI approach
 - Cognitive AI approach
 - Strong AI approach
22. Which of the following is an advantage of artificial intelligence?
- Reduces the time taken to solve the problem
 - Helps in providing security
 - Have the ability to think hence makes the work easier
 - All of the above
23. Which of the following can improve the performance of an AI agent?
- Perceiving
 - Learning
 - Observing
 - All of the mentioned
24. Which of the following is/are the composition for AI agents?
- Program only
 - Architecture only
 - Both Program and Architecture
 - None of the mentioned
25. On which of the following approach A basic line following robot is based?
- Applied approach
 - Weak approach
 - Strong approach
 - Cognitive approach


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Value Added Course "Smart Computing Technologies in IOT"

ANSWER KEY

1	D	6	A	11	D	16	A	21	C
2	C	7	C	12	C	17	D	22	D
3	D	8	D	13	A	18	C	23	D
4	A	9	B	14	D	19	A	24	A
5	B	10	C	15	C	20	C	25	A

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VAC Coordinator

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Department of Information Technology

Academic Year 2019-2020– Even Semester

STUDENTS ATTENDANCE LIST

Value Added Course

“Smart Computing Technologies in IOT”

S.N O	REG NO	STUDENTS NAME	YEAR/ BRANC H	25.5.20		26.5.20		27.5.20		28.5.20		29.5.20		NO OF SESSIONS ATTENDED	SIGN OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1	811216205001	Anusuya Devi R	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
2	811216205003	Balambigai A	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
3	811216205004	Bharath C	IV / IT	✓	✓	✓	(A)	✓	✓	✓	✓	✓	✓	9	Online mode
4	811216205005	Boopalan K	IV / IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	9	Online mode
5	811216205006	Jeevamani M	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	(A)	✓	9	Online mode
6	811216205007	Jeyapriya D	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	(A)	9	Online mode
7	811216205008	Kalaiyarasi N	IV / IT	✓	✓	✓	✓	✓	✓	✓	(A)	✓	✓	9	Online mode
8	811216205009	Kanagavalli J	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
9	811216205010	Keerthika R	IV / IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	(A)	9	Online mode
10	811216205011	Krishnan K	IV / IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	9	Online mode
11	811216205012	Muthulakshmi P	IV / IT	✓	✓	✓	✓	✓	(A)	✓	✓	✓	✓	9	Online mode
12	811216205013	Nandhini C	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
13	811216205014	Nelson	IV / IT	✓	(A)	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
14	811216205015	Parameshwari K	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode

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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
15	811216205016	Poovaragavan	IV / IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	9	Online mode
16	811216205017	Priyadharshini A	IV / IT	✓	✓	Ⓐ	✓	✓	Ⓐ	✓	✓	✓	✓	8	Online mode
17	811216205018	Radhika M	IV / IT	Ⓐ	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	8	Online mode
18	811216205019	Roshini A	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
19	811216205020	Rubini K	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	10	Online mode
20	811216205022	Savithri S	IV / IT	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	9	Online mode
21	811216205023	Selvapathi V	IV / IT	✓	✓	✓	Ⓐ	✓	✓	✓	✓	Ⓐ	✓	8	Online mode
22	811216205024	Sivakavi S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
23	811216205025	Sivakumar S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
24	811216205026	Thanisha S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
25	811216205027	Thasthagir S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
26	811216205028	Victoriyarani T	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
27	811216205029	Vidhyasri M	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
28	811216205030	Wasim Akram M	IV / IT	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	9	Online mode
29	811216205501	Aravindhan S	IV / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
30	811217205001	Anitha G	III / IT	✓	Ⓐ	✓	Ⓐ	✓	✓	✓	✓	✓	✓	9	Online mode
31	811217205002	Balaji V	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
32	811217205003	Gopal P	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
33	811217205004	Hariharan S	III / IT	✓	✓	Ⓐ	✓	Ⓐ	✓	✓	✓	✓	Ⓐ	8	Online mode
34	811217205005	Karthick A	III / IT	✓	✓	✓	✓	✓	✓	✓	Ⓐ	✓	✓	9	Online mode
35	811217205006	Lisha Y	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
36	811217205007	Lokeshwaran V	III / IT	✓	✓	✓	✓	✓	Ⓐ	✓	✓	✓	✓	9	Online mode

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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
37	811217205008	Merciya Mary A	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
38	811217205009	Mohamed Riyaj Khan M	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
39	811217205010	Mukesh Kanna S	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
40	811217205011	Pakkiyalakshmi A	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
41	811217205013	Sankar C	III / IT	✓	✓	✓	✓	✓	✓	⊖	✓	⊖	✓	9	Online mode
42	811217205015	Santhiya K	III / IT	✓	✓	✓	✓	⊖	✓	⊖	✓	⊖	✓	9	Online mode
43	811217205016	Saranya C	III / IT	✓	✓	⊖	✓	⊖	✓	✓	✓	⊖	✓	8	Online mode
44	811217205017	Sudhahar S	III / IT	✓	✓	⊖	✓	✓	✓	✓	✓	✓	✓	9	Online mode
45	811217205018	Swetha K	III / IT	✓	✓	✓	✓	✓	⊖	✓	✓	✓	✓	10	Online mode
46	811217205019	Jamilselvi M	III / IT	✓	✓	✓	✓	✓	⊖	✓	✓	✓	✓	9	Online mode
47	811217205020	Thiruppathi S	III / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
48	811217205021	Vijayaraj S	III / IT	✓	✓	✓	⊖	✓	✓	✓	✓	✓	✓	10	Online mode
49	811217205022	Vijay Joseph P	III / IT	✓	⊖	✓	✓	✓	✓	✓	✓	✓	⊖	9	Online mode
50	811218205001	Deepa T	II / IT	⊖	⊖	✓	✓	✓	✓	⊖	✓	⊖	✓	8	Online mode
51	811218205002	Dharshini K	II / IT	✓	✓	✓	✓	✓	⊖	✓	⊖	✓	✓	9	Online mode
52	811218205003	Gopi U	II / IT	✓	✓	✓	✓	✓	⊖	✓	✓	✓	✓	10	Online mode
53	811218205004	Harish R	II / IT	✓	✓	✓	✓	⊖	✓	✓	✓	✓	✓	9	Online mode
54	811218205005	Irudhayaraj A	II / IT	✓	✓	⊖	✓	⊖	✓	✓	✓	✓	⊖	8	Online mode
55	811218205006	Janani S	II / IT	✓	✓	✓	✓	✓	✓	⊖	✓	✓	✓	9	Online mode
56	811218205007	Janarthanan	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
57	811218205008	Kamalesh A	II / IT	✓	⊖	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
58	811218205009	Kaviyarasu C	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
59	811218205010	Kayalvizhi.B	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode

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S. NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	25.5.20		26.5.20		27.5.20		28.5.20		29.5.20		NO OF SESSIONS ATTENDED	SIGNATURE OF THE STUDENT
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
60	811218205011	Manoharan T	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
61	811218205012	Meena R	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
62	811218205013	Milton Billgates J	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
63	811218205014	Mohammed Aarif J	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
64	811218205015	Pavithra.N	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
65	811218205016	Priyanka A	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
66	811218205017	Robinson Isaiah E	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
67	811218205018	Selvi M	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
68	811218205019	Shalini Gayathri S	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
69	811218205020	Sivaraman S	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
70	811218205021	Snekaa R	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
71	811218205022	Suganya K	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
72	811218205023	Vasanth S	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
73	811218205024	Vijayakaran M	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
74	811218205025	Wilson Jayaraj S	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	8	Online mode
75	811218205026	Antony Arul Doss A	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode
76	811218205027	Geethanjali R	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9	Online mode
77	811218205028	Dhanalakshmi K	II / IT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	10	Online mode


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Department of Information Technology Academic

Year 2019 -2020– Even Semester

VALUE ADDED COURSE ASSESSMENT SHEET

“Smart Computing Technologies in IOT ”

S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
1	811216205001	Anusuya Devi R	IV / IT	30	100	20	80	90
2	811216205003	Balambigai A	IV / IT	30	100	20	80	90
3	811216205004	Bharath C	IV / IT	27	90	19	76	83
4	811216205005	Boopalan K	IV / IT	27	90	21	84	87
5	811216205006	Ieevamani M	IV / IT	27	90	19	76	83
6	811216205007	Ieyapriya D	IV / IT	27	90	19	76	83
7	811216205008	Kalaiyarasi N	IV / IT	30	100	20	80	90
8	811216205009	Kanagavalli J	IV / IT	27	90	19	76	83
9	811216205010	Keerthika R	IV / IT	27	90	19	76	83
10	811216205011	Krishnan K	IV / IT	27	90	19	76	83
11	811216205012	Muthulakshmi P	IV / IT	30	100	21	84	92

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
12	811216205013	Nandhini C	IV / IT	27	90	20	80	85
13	811216205014	Nelson	IV / IT	30	100	21	84	92
14	811216205015	Parameshwari K	IV / IT	30	100	19	76	88
15	811216205016	Poovaragavan	IV / IT	27	90	19	76	83
16	811216205017	Priyadharshini A	IV / IT	24	80	20	80	80
17	811216205018	Radhika M	IV / IT	24	80	21	84	82
18	811216205019	Roshini A	IV / IT	27	90	22	88	89
19	811216205020	Rubini K	IV / IT	30	100	20	80	90
20	811216205022	Savithri S	IV / IT	27	90	21	84	87
21	811216205023	Selvapathi V	IV / IT	24	80	20	80	80
22	811216205024	Sivakavi S	IV / IT	27	90	21	84	87
23	811216205025	Sivakumar S	IV / IT	30	100	20	80	90
24	811216205026	Thanisha S	IV / IT	30	100	16	64	82
25	811216205027	Thasthagir S	IV / IT	30	100	19	76	88
26	811216205028	Victoriyarani T	IV / IT	30	100	21	84	92
27	811216205029	Vidhyasri M	IV / IT	27	90	19	76	83
28	811216205030	Wasim Akram M	IV / IT	27	90	19	76	83
29	811216205501	Aravindhan S	IV / IT	27	90	19	76	83
30	811217205001	Anitha G	III / IT	27	90	19	76	83

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
50	811218205001	Deepa T	II / IT	27	90	19	76	83
51	811218205002	Dharshini K	II / IT	30	100	20	80	90
52	811218205003	Gopi U	II / IT	27	90	19	76	83
53	811218205004	Harish R	II / IT	24	80	21	84	82
54	811218205005	Irudhayaraj A	II / IT	27	90	20	80	85
55	811218205006	Janani S	II / IT	30	100	21	84	92
56	811218205007	Janarthanan	II / IT	27	90	20	80	85
57	811218205008	Kamalesh A	II / IT	30	100	19	76	88
58	811218205009	Kaviyarasu C	II / IT	30	100	20	80	90
59	811218205010	Kayalvizhi.B	II / IT	30	100	21	84	92
60	811218205011	Manoharan T	II / IT	27	90	21	84	87
61	811218205012	Meena R	II / IT	24	80	20	80	80
62	811218205013	Milton Billgates J	II / IT	27	90	21	84	87
63	811218205014	Mohammed Aarif J	II / IT	30	100	20	80	90
64	811218205015	Pavithra.N	II / IT	27	90	19	76	83
65	811218205016	Priyanka A	II / IT	30	100	19	76	88
66	811218205017	RobInson Isaiah E	II / IT	30	100	21	84	92
67	811218205018	Selvi M	II / IT	27	90	19	76	83
68	811218205019	Shalini Gayathri S	II / IT	24	80	20	80	80

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
31	811217205002	Balaji V	III / IT	30	100	19	76	88
32	811217205003	Gopal P	III / IT	27	90	19	76	83
33	811217205004	Hariharan S	III / IT	24	80	21	84	82
34	811217205005	Karthick A	III / IT	27	90	20	80	85
35	811217205006	Lisha Y	III / IT	30	100	21	84	92
36	811217205007	Lokeshwaran V	III / IT	27	90	19	76	83
37	811217205008	Merciya Mary A	III / IT	30	100	19	76	88
38	811217205009	Mohamed Riyaj Khan M	III / IT	30	100	19	76	88
39	811217205010	Mukesh Kanna S	III / IT	30	100	21	84	92
40	811217205011	Pakkiyalakshmi A	III / IT	27	90	21	84	87
41	811217205013	Sankar C	III / IT	24	80	20	80	80
42	811217205015	Santhlya K	III / IT	27	90	21	84	87
43	811217205016	Saranya C	III / IT	30	100	20	80	90
44	811217205017	Sudhahar S	III / IT	27	90	19	76	83
45	811217205018	Swetha K	III / IT	30	100	19	76	88
46	811217205019	Tamilselvi M	III / IT	30	100	21	84	92
47	811217205020	Thiruppathi S	III / IT	27	90	19	76	83
48	811217205021	Vijayaraj S	III / IT	24	80	20	80	80
49	811217205022	Vijay Joseph P	III / IT	24	80	20	80	80

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S.NO	REG NO	STUDENTS NAME	YEAR/ BRANCH	Attendance Details		VAC-MCQ TEST		OVERALL MARK(100) (50% of A + 50% of B)
				No. of hours Attended	Attendance Mark(100) (A)	No of Correct Answers	MCQ Mark(100) (B)	
69	811218205020	Sivaraman S	II / IT	24	80	21	84	82
70	811218205021	Snekaa R	II / IT	27	90	22	88	89
71	811218205022	Suganya K	II / IT	30	100	19	76	88
72	811218205023	Vasanth S	II / IT	27	90	19	76	83
73	811218205024	Vijayakaran M	II / IT	24	80	21	84	82


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CERTIFICATE of Participation

This is to certify that Mr/Ms. **Selvi.M** of II ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**”” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.

Mr.Selvaraj

Chief Executive Officer

Leo Tech, Vizro

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This is to certify that Mr/Ms. **Kayalvizhi.B** of II ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.


Mr. Selvaraj

Chief Executive Officer

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This is to certify that Mr/Ms. **Manoharan.T** of II ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.


Mr. Selvaraj

Chief Executive Officer

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This is to certify that Mr/Ms. **Suganya.K** of II ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from **25th April 2020 to 29th April 2020(5 days)** during the Academic year **2019-2020**.


Mr. Selvaraj

Chief Executive Officer

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This is to certify that Mr/Ms. **Vijayakaran.M** of II ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from **25th April 2020 to 29th April 2020(5 days)** during the Academic year **2019-2020**.


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This is to certify that Mr/Ms. **Meena.R** of II ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.


Mr.Selvaraj

Chief Executive Officer

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This is to certify that Mr/Ms. **Karthick.A** of III ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days)during the Academic year 2019-2020.


Mr.Selvaraj

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This is to certify that Mr/Ms. **Gopal.P** of III ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.


Mr. Selvaraj

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This is to certify that Mr/Ms. **Saranya.C** of III ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.


Mr. Selvaraj

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This is to certify that Mr/Ms. **Thiruppathi.S** of III ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.


Mr. Selvaraj

Chief Executive Officer

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CERTIFICATE of Participation

This is to certify that Mr/Ms. **Merciya Mary.A** of III ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.


Mr. Selvaraj

Chief Executive Officer

Leo Tech, Vizro



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CERTIFICATE of Participation

This is to certify that Mr/Ms **Anitha.G** of III ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days)during the Academic year 2019-2020.


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This is to certify that Mr/Ms. **Bharath.C** of IV ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.



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This is to certify that Mr/Ms. **Krishnan.K** of IV ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from **25th April 2020 to 29th April 2020(5 days)** during the Academic year **2019-2020**.


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This is to certify that Mr/Ms. **Roshini.A** of IV ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.


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This is to certify that Mr/Ms. **Nandhini.C** of IV ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days) during the Academic year 2019-2020.


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This is to certify that Mr/Ms. **Jeyapriya.D** of IV ...-IT.....has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from 25th April 2020 to 29th April 2020(5 days)during the Academic year 2019-2020.

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This is to certify that Mr/Ms. **Savithri.S** of **IV ...-IT.....** has successfully completed the Value Added Course on “**Smart Computing Technologies in IOT**” organized by Department of Information Technology and IQAC of our Institution in Association with Leo Tech, Vizro from **25th April 2020 to 29th April 2020(5 days)** during the Academic year **2019-2020**.


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