



SRI VENKATESWARA

COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai
(A Telugu Minority Institution)

20ECEVAC01 – DESIGN PRINCIPLES OF IOT

EVENT REPORT

Name of the Course: DESIGN PRINCIPLES OF IOT

Name of the Instructor: Dr. S. Sargunavathi, Professor, SREC

Year and Branch: II,III,IV & ME-VLSI – ELECTRONICS & COMMUNICATION ENGINEERING

Duration of Course: 35 Hrs (10.08.2020 to 15.08.2020)

SUMMARY OF THE EVENT:

The Course was inaugurated on **10.08.2020** at 8.30 am by our respectable Principal and HOD. As per the Course plan session was started and went smooth for the Remaining days. On the last day **15.08.2020** by 2.30 pm the course was Completed Successfully.

During the Six Days of the program Students were participated with enthusiasm and they finally gained a knowledge on “**Design Principles of IOT**”

ASSESSMENT MODE:

No of Students Enrolled: 81

Scheme of Exam: Online


No of Students appeared:81


No of Students Passed:81

Date of Exam: 15.08.2020

OUTCOME:

At the end of the program the students were able to understand, the interpret the vision of IOT from a global content, implement data and knowledge management and use of device in IOT technologies. Understand the state of Architecture in IOT.


COORDINATOR
(Mrs. S. Angelin Silviya)


HOD /ECE
(Mr.V. Rajeshkumar)




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20ECEVAC01 –DESIGN PRINCIPLES OF IOT

TEST QUESTIONS

- 1) How many numbers of the element in the open IoT architecture?
 - a) Four elements
 - b) Five elements
 - c) Six elements
 - d) Seven elements**
- 2) Which of the following is the way in which an IoT device is associated with data?
 - a) Internet
 - b) Cloud**
 - c) Automata
 - d) Network
- 3) Which of the following IoT networks has a very short range?
 - a) Short Network
 - b) LPWAN
 - c) Sig Fox
 - d) Short-range Wireless Network**
- 4) What is the full form of the LPWAN?
 - a) Low Protocol Wide Area Network
 - b) Low Power Wide Area Network**
 - c) Long Protocol Wide Area Network
 - d) Long Power Wide Area Network
- 5) An IoT network is a collection of devices.
 - a) Signal
 - b) Machine to Machine
 - c) Interconnected**
 - d) Network to Network




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- 6) Which one of the following is not an IoT device?
- a) Amazon echo voice controller
 - b) Google Home
 - c) Nest Smoke Alarm
 - d) None of these**
- 7) What is the main purpose of IoT (Web of Things) in the IoT?
- a) Improve the usability and interoperability**
 - b) Reduce the security
 - c) Complex the development
 - d) Increases
- 8) What is the Arduino UNO?
- a) Software
 - b) Hardware device**
 - c) Network
 - d) Protocol
- 9) allows the user to control electronic components.
- a) Android API
 - b) RET full API**
 - c) MQTT API
 - d) CoAP API
- 10) Which of the following is not an application of IoT?
- a) Wearables
 - b) Smart Grid
 - c) Arduino**
 - d) Smart City
- 11) Which one of the following protocols is lightweight?
- a) IP
 - b) HTTP
 - c) MQTT**
 - d) CoAP



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- 12) What is the role of Big Data in IoT's Smart Grid architecture?
- a) Filter the data
 - b) Locked the data
 - c) Store data**
 - d) None of the these
- 13) What is the real example of a smart grid device in IoT?
- a) Mobile phone
 - b) Television
 - c) Smart Speaker
 - d) Smart Meters**
- 14) What is the full form of the MQTT?
- a) Multi-Queue Telemetry Things
 - b) Multiple Queue Telemetry Things
 - c) Message Queue Telemetry Things
 - d) Message Queue Telemetry Transport**
- 15) What is the full form of ICT?
- a) Inter connect Technology
 - b) Internet Connection Topology
 - c) Information and Communication Technology**
 - d) Infer Communication Topology
- 16) Which of the following frequencies is correct for the Galileo gen 2 board?
- a) 250 MHz
 - b) 400 MHz**
 - c) 450 MHz
 - d) 300 MHz
- 17) What is the full form of IANA?
- a) Inter-Assessment-Number-Access
 - b) Internet-Association-Numbers-Authority
 - c) International-Aid-for-Network-Authority
 - d) Internet-Assigned-Numbers-Authority**




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- 18) Which of the following layers provides end-to-end communication in IoT?
- a) Logical layer
 - b) Data link layer
 - c) Transport layer**
 - d) Session layer
- 19) Which of the following devices is used to measure the gases or liquid?
- a) Optical Sensor
 - b) Gas Sensor
 - c) Smoke Sensor
 - d) Pressure sensor**
- 20) Which interface does the fingerprint sensor use?
- a) UART interface**
 - b) CoAP interface
 - c) SPI interface
 - d) I2P interface


COORDINATOR

(Mrs. S. Angelin Silviya)




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TEST QUESTIONS

Response cannot be edited

20ECEVAC01 – DESIGN PRINCIPLES OF IOT

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IOT

STUDENT NAME AND REGISTER NUMBER *

112419106010 NIVAS K

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20) Which interface does the fingerprint sensor use? *

- a) UART interface
- b) CoAP interface
- c) SPI interface
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Submitted 11/7/20, 3:17PM

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20ECEVAC01 – DESIGN PRINCIPLES OF IOT

Course Code	20ECEVAC01
Name of the Course	DESIGN PRINCIPLES OF IOT
Duration of the Course	35 HOURS
Academic Year	2020-21
Period of the Course	10.08.2020-15.08.2020

STUDENT EVALUATION SHEET

S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
1	II	112419106001	ABISHIKTHA A	35	95
2	II	112419106002	DHANUSH M	35	80
3	II	112419106003	DIVYA A	35	85
4	II	112419106005	ISSAC V	35	85
5	II	112419106006	JAYASURYA A	35	95
6	II	112419106007	LOKESHWARI S	35	100
7	II	112419106008	MAGESH KUMAR E	35	95
8	II	112419106009	MEGALA R	35	90
9	II	112419106010	NIVAS K	35	100
10	II	112419106012	PRITHIVRAJ K	35	75
11	II	112419106013	RAJKUMAR M	35	95
12	II	112419106014	RAKESH S	35	80
13	II	112419106015	RATHIKA R	35	85
14	II	112419106016	RITHIKSHA B	35	80
15	II	112419106017	SARITHA S	35	95
16	II	112419106018	SELVA KUMAR C G	35	90
17	II	112419106019	SHALINI M	35	90



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
18	II	112419106020	SOFIYA R	35	85
19	II	112419106021	SULOCHANA V	35	90
20	II	112419106022	SURYA I	35	90
21	II	112419106023	VASIGARAN S	35	90
22	II	112419106024	VEERASAMY R	35	100
23	II	112419106025	VIJAY S	35	95
24	II	112419106301	C B MONISHANKARI	35	95
25	II	112419106303	HARIHARAN.V	35	85
26	II	112419106304	KARTHICK.S	35	80
27	II	112419106305	NIRANJAN.B	35	85
28	II	112419106306	PRATHNASREE.S	35	100
29	II	112419106307	RAJESHKANNA.V	35	95
30	II	112419106308	SARAVANAN.S	35	95
31	II	112419106309	SHEEBHA.R	35	90
32	II	112419106310	SURYA.C	35	90
33	III	112418106001	BABY SHAKILA M	35	90
34	III	112418106002	BERSHIN MANO M M	35	95
35	III	112418106003	BHARATH S	35	95
36	III	112418106004	BHARATHKUMAR J	35	95
37	III	112418106005	BHUVANA S	35	80
38	III	112418106006	BHUVANESH B	35	85
39	III	112418106007	DEEPA M	35	85
40	III	112418106008	DEEPAK RAJ P	35	90
41	III	112418106009	DINESH K	35	95
42	III	112418106010	FISHEELLA PERADISH M	35	95
43	III	112418106011	FRANCIS SAVIOR J	35	80
44	III	112418106012	GOKUL M	35	85



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
45	III	112418106013	HARISH R		
46	III	112418106014	JANARTHANAM P B	35	90
47	III	112418106016	KAVIYA L	35	95
48	III	112418106019	MOHAN J	35	85
49	III	112418106020	MOHAN P	35	100
50	III	112418106021	NARMATHA R	35	85
51	III	112418106022	NIVETHA H	35	95
52	III	112418106023	PREETHI N	35	95
53	III	112418106024	PRIYA K	35	90
54	III	112418106025	RAGAVENDRAN S	35	90
55	III	112418106026	RAMYA S	35	90
56	III	112418106028	SINDHU S	35	85
57	III	112418106029	SNEHA V	35	80
58	III	112418106030	SUGASHINI S	35	85
59	III	112418106032	VIJAYALAKSHMI G	35	90
60	III	112418106033	VISHWA V	35	85
61	III	112418106301	BARATHE	35	85
62	III	112418106302	LAKSHMANAN D	35	100
63	III	112418106303	SERAN SACHIN G	35	85
64	IV	112417106001	AISWARYA C	35	90
65	IV	112417106002	AMALI C	35	90
66	IV	112417106003	AMMINENI REVANTH	35	90
67	IV	112417106005	BANUMATHI R	35	95
68	IV	112417106007	BHAVANI S	35	95
69	IV	112417106008	BHUVANESHWARI P	35	95
70	IV	112417106009	CATHRIK	35	80
	IV	112417106011	DILLIBABU B	35	85
				35	85

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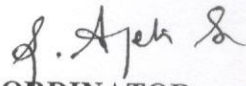



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
72	I-ME-VLSI	112420419001	ANUSHAYA DEVI K	35	85
73	I-ME-VLSI	112420419002	ARUNTHADHI G	35	90
74	I-ME-VLSI	112420419003	ATCHAYA DEVI	35	85
75	I-ME-VLSI	112420419004	GEETHA D	35	85
76	I-ME-VLSI	112420419005	HAZIFA SHAFREEN S	35	85
77	I-ME-VLSI	112420419006	KALAIVANI S	35	90
78	I-ME-VLSI	112420419007	MANIMEGALAI G	35	90
79	I-ME-VLSI	112420419008	MUJEEBA AFREEN M	35	90
80	I-ME-VLSI	112420419009	RAGOTHAMAN	35	85
81	I-ME-VLSI	112420419010	SHARATHA	35	100


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