



# VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 15/09/2022

To  
The Principal,  
Vaageswari College of Engineering,  
Karimnagar.

Respected Sir,

**Sub:** Requisition to Conduct a **Add-On Certificate Programon** “**INTERNET OF THINGS FUNDAMENTAL**” for 3<sup>rd</sup> year ECE Students from 21/09/2022 to 26/09/2022.

It is our pleasure to inform you that the ECE Department is planning to organize a **Certificate Course** on “**INTERNET OF THINGS FUNDAMENTALS**” for 3<sup>rd</sup> year ECE Students from 21/09/2022 to 26/09/2022.

**The students can get learned as:**

- ❖ Basic understanding of Internet of Things (IoT) concepts
- ❖ Power of IoT and how an IoT system works
- ❖ Data Processing - Introduction to Cloud & IoT Platform
- ❖ IoT Protocols & Machine Learning for IoT

In this Connection, we request you grant permission to conduct the above-mentioned Certificate course. We are planning to give training during timings 9.30AM to 4.30PM. Hoping for your early response for this approval.

Thanking You Sir,

Yours Faithfully,

Course Coordinator



# A CERTIFICATE PROGRAM On INTERNET OF THINGS FUNDAMENTALS

*Organized By*

**DEPARTMENT OF ECE**

**21<sup>st</sup> SEP 2022**

*to*

**26<sup>th</sup> SEP 2022**

*from 9.30 AM to 4.30 PM*

***\*\* Registrations are accepted before 18<sup>th</sup> September 2022***

## **INTENET OF THINGS:**

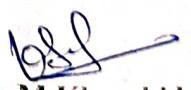
The Internet of things (IoT) is a term for the growing number of electronics that aren't traditional computing devices, but are connected to the internet to send data, receive instructions or both. The Internet of Things is transforming our physical world into a complex and dynamic system of connected devices on an unprecedented scale. The IoT brings the power of the internet, data processing and analytics to the real world of physical objects. For consumers, this means interacting with the global information network without the intermediary of a keyboard and screen; many of their everyday objects and appliances can take instructions from that network with minimal human intervention.

## **PROGRAMME OUTCOME:**

- ❖ Current scenario/job opportunities of Internet of Things.
- ❖ Understanding the skill set required in a new employee in the Internet of Things.
- ❖ Understanding the future and scope available in the industry & their use.
- ❖ In-depth knowledge of design, construction, and programming concepts involved in building an autonomous Learn & Interact with renowned Industry Experts.

### **For Further Information Contact:**

  
**Dr. D. Surendar**  
*Coordinator*  
*Associate Professor*

  
**Mr. M. Khurshid**  
*Co-Coordinator*  
*Assistant Professor*



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## Registration form

Type of program : Add-On Certificate Program  
Title : INTERNET OF THINGS FUNDAMENTAL  
Duration : 6 Days  
Dates : 21/09/2022 to 26/09/2022  
Timing : 9.30AM to 4.30PM

SL.No	Name of the Student	Hall ticket No	Sign
1.	P. Pravalika	20541A0401	P/
2.	P. Snechitha reddy	20541A0402	Snechitha
3.	P. Jyothi	20541A0403	J
4.	R. Vinayali Kumari	20541A0404	Vinayali
5.	R. Yashwameth.	20541A0405	Yashwameth
6.	R. Supriya	20541A0406	R/
7.	R. Sanjana	20541A0408	R. Sanjana
8.	R. Sruthika	20541A0409	sruthika
9.	S. Dathu	20541A0410	S. Dathu
10.	S. Supriya	20541A0411	S. Supriya
11.	S. Bhavana reddy	20541A0412	Bhavana
12.	S. Vishwa. Bhavya	20541A0413	Vishwa
13.	S. Gouthami	20541A0414	S. Gouthami
14.	S. Siddalatha	20541A0416	S/
15.	S. Navya Sri	20541A0405	Navya Sri
16.	T. Shivanj	20541A0406	Shivanj
17.	T. Suresh	20541A0409	Suresh
18.	T. Soumya	20541A0403	Soumya
19.	T. Shravani	20541A0401	Shravani
20.	T. Rani	20541A0402	Rani
21.	T. Rani	20541A0404	Rani
22.	U. Sri Kiran	20541A0405	Sri Kiran
23.	V. Smita	20541A0406	Smita
24.	V. Navya	20541A0407	Navya
25.	V. Noshita	20541A0408	Noshita
26.	V. Likhitha	20541A0409	Likhitha
27.	V. Mahesh	20541A0410	Mahesh



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Date: 18/09/2022

## Schedule

Type of Program	:	Add-On/Certificate Program
Title	:	INTERNET OF THINGS FUNDAMENTALS
Duration	:	6Days
Dates	:	21/09/2022 to 26/09/2022

## DAY WISE SCHEDULE

Days	Topics to be Covered	Time
Day1	Overview of Internet of Things (IoT)	9:30am to 4.30pm
Day2	Sensors & Devices	9.30pm to 4.30pm
Day3	Connectivity	9.30am to 4.30pm
Day4	Data Processing	9.30pm to 4.30pm
Day5	User Interface & User Experience in IoT	9.30 pm to 4.30pm
Day6	IoT Protocols & Machine Learning for IoT	9.30 pm to 4.30pm

  
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Type of program : Add-On Certificate Program  
Title : INTERNET OF THINGS FUNDAMENTAL  
Duration : 6 Days  
Dates : 21/09/2022 to 26/09/2022  
Timing : 9.30AM to 4.30PM

SL.No	Name of the Student	Hall ticket No	Sign
1.	P. Pravalika	20541A0401	P/
2.	P. Snechitha reddy	20541A0402	Snechitha
3.	P. Jyothi	20541A0403	J
4.	R. Vinayagi Kumari	20541A0404	Vinay
5.	R. Yashwameth.	20541A0405	Yash
6.	R. Supriya	20541A0406	R/
7.	R. Sanjana	20541A0408	R. Sanjana
8.	R. Sruthika	20541A0409	Sruthika
9.	S. Dathq	20541A0410	S. Dathq
10.	S. Supriya	20541A0411	S. Supriya
11.	S. Bhavana reddy	20541A0412	Bhavana
12.	S. Vishwa. Bhavya	20541A0413	Vishwa
13.	S. Gouthami	20541A0414	S. Gouthami
14.	S. Siddalatha	20541A0416	S/
15.	S. Navya Sri	20541A0405	Navya Sri
16.	T. Shivanj	20541A0406	Shivanj
17.	T. Suresh	20541A0409	Suresh
18.	T. Soumya	20541A0403	Soumya
19.	T. Shravani	20541A0401	Shravani
20.	T. Rani	20541A0402	Rani
21.	T. Rani	20541A0404	Rani
22.	U. Sri Kiran	20541A0405	Sri Kiran
23.	V. Smita	20541A0406	Smita
24.	V. Navya	20541A0407	Navya
25.	V. Noshita	20541A0408	Noshita
26.	V. L. Kishna	20541A0409	Kishna
27.	V. Mahesh	20541A0410	Mahesh



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64	A. Anupya	205H1A0H03	Anupya
68	A. Dhavalbhami	205H1A0H04	Dhavalbhami
66	A. Manonthi	205H1A0H08	Manonthi
60	A. Shrawan Kumar	205H1A0H06	Shrawan Kumar
68	B. Paravu	205H1A0H07	Paravu
69	B. Anutha	205H1A0H08	Anutha
70	B. Ramya	205H1A0H09	Ramya
71	B. Sasi Prisha	205H1A0H10	Sasi Prisha
72	B. Poornalika	205H1A0H11	Poornalika
73	B. Poonthan	205H1A0H12	Poonthan
74	B. Mahesh	205H1A0H13	Mahesh
75	B. Akhila	205H1A0H14	Akhila
76	B. Indujan	205H1A0H15	Indujan
77	B. Malathi	205H1A0H16	Malathi
78	B. Sabitha	205H1A0H17	Sabitha
79	B. Sowchandu	205H1A0H18	Sowchandu
80	B. Chandra Shekhar	205H1A0H19	Chandra Shekhar
81	B. Nithisha	205H1A0H20	Nithisha
82	Ch. Sanjay Kumar	205H1A0H21	Sanjay Kumar
83	Ch. Poornalika	205H1A0H22	Poornalika
84	Ch. Thirupathy	205H1A0H23	Thirupathy
85	Ch. Gauri	205H1A0H24	Gauri
86	Ch. San Kumar	205H1A0H25	Paritosh
87	Ch. Pranitha	205H1A0H26	Pranitha
88	D. Archana	205H1A0H27	Archana
89	D. Dilip Kumar	205H1A0H28	Dilip Kumar
90	D. Shrawan	205H1A0H29	Shrawan
91	D. Sri Preethi	205H1A0H30	Sri Preethi
92	D. Vaithani	205H1A0H31	Vaithani
93	D. Sajitha	205H1A0H32	Sajitha
94	D. Sreeja	205H1A0H33	Sreeja
95	D. Nithisha	205H1A0H34	Nithisha
96	D. Manikanta	205H1A0H35	Manikanta
97	E. Shubitha	205H1A0H36	Shubitha
98	E. Bhavani	205H1A0H37	Bhavani
99	E. Rachana	205H1A0H38	Rachana



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100	Gr. Madhukar	20SH1AOH39	( <u>Gr</u> ) Madhukar
101	Gr. Keerthi	20SH1AOH40	( <u>Keerthi</u> ) Keerthi
102	Gr. Taranya	20SH1AOH41	( <u>Taranya</u> ) Taranya
103	Gr. Supriya	20SH1AOH42	( <u>Supriya</u> ) Supriya
104	Gr. Parash Kalyan	20SH1AOH43	( <u>Parash</u> ) Parash Kalyan
105	Gr. Sowmya	20SH1AOH44	( <u>Sowmya</u> ) Sowmya
106	Gr. Divya	20SH1AOH45	( <u>Divya</u> ) Divya
107	Gr. Vandana	20SH1AOH46	( <u>Vandana</u> ) Vandana
108	Gr. Vinodhna	20SH1AOH47	( <u>Vinodhna</u> ) Vinodhna
109	Gr. Kavitha	20SH1AOH48	( <u>Kavitha</u> ) Kavitha
110	Gr. Srinath	20SH1AOH49	( <u>Srinath</u> ) Srinath
111	Gr. Shirani	20SH1AOH50	( <u>Shirani</u> ) Shirani
112	Gr. Ramu	20SH1AOH51	( <u>Ramu</u> ) Ramu
113	Gr. Anushka	20SH1AOH52	( <u>Anushka</u> ) Anushka
114	Gr. Nareesh	20SH1AOH53	( <u>Nareesh</u> ) Nareesh
115	Gr. Keerthana	20SH1AOH54	( <u>Keerthana</u> ) Keerthana
116	A. Shreetha	20SH1AOH55	( <u>Shreetha</u> ) Shreetha
117	A. Sindhuja	20SH1AOH56	( <u>Sindhuja</u> ) Sindhuja
118	B. Sagar	20SH1AOH57	( <u>Sagar</u> ) Sagar
119	B. Greetha	20SH1AOH58	( <u>Greetha</u> ) Greetha
120	B. Srinath	20SH1AOH59	( <u>Srinath</u> ) Srinath
120	B. Prashanna	20SH1AOH60	( <u>Prashanna</u> ) Prashanna
122	K. Ranjya	21SH1AOH01	( <u>Ranjya</u> ) Ranjya
123	K. Supriya	21SH1AOH02	( <u>Supriya</u> ) Supriya
124	L. Raju	21SH1AOH03	( <u>Raju</u> ) Raju
125	Md. Parzan	21SH1AOH04	( <u>Parzan</u> ) Parzan
126	K. Sambitam	21SH1AOH05	( <u>Sambitam</u> ) Sambitam
127	M. Manasa	21SH1AOH06	( <u>Manasa</u> ) Manasa

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## Department of Electronics and Communication Engineering

### Attendance Sheet

Type of Program : Add-On Certificate Program  
Class : B.Tech 3<sup>rd</sup> year  
Title : **INTERNET OF THINGS FUNDAMENTALS**  
Duration : 6 Days  
Dates : 21/09/2022 to 26/09/2022

SL.No	Hall Ticket No	Day1	Day2	Day3	Day4	Day5	Day6
1	20541A049	P	P	P	P	P	P
2	20541A0408	P	P	P	P	P	P
3	20541A0403	P	P	P	P	P	P
4	20541A0404	P	P	P	P	P	P
5	20541A0405	P	P	P	P	P	P
6	20541A0407	P	P	F	F	F	P
7	20541A0408	P	P	P	P	P	P
8	20541A0409	P	P	P	P	P	P
9	20541A0400	P	F	P	F	P	P
10	20541A0401	P	P	P	P	P	P
11	20541A0402	P	P	P	P	P	P
12	20541A0403	P	P	P	P	P	P
13	20541A0404	P	P	P	P	P	P
15	20541A0406	P	P	P	P	P	P
16	20541A0405	P	P	P	P	P	P
17	20541A0408	P	P	P	F	F	P
18	20541A0409	P	R	P	P	P	P
19	20541A0406	P	P	P	P	P	P
20	20541A0401	P	P	R	P	P	P
21	20541A0404	P	P	P	P	P	F
22	20541A0407	F	R	P	P	P	P
23	20541A0405	P	F	R	F	P	P
24	20541A0406	P	P	P	F	P	P
25	20541A0407	P	P	F	P	F	P



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26	20541A0461	I	P	P	P	P	P
27	20541A0467	P	P	P	P	P	P
28	20541A0468	I	P	P	P	P	P
29	20541A0469	P	P	P	P	P	P
30	20541A0470	P	P	P	P	P	P
31	20541A0471	P	P	P	P	P	P
32	21545A0413	P	P	P	P	P	P
33	21545A0414	P	P	P	P	P	P
34	21545A0415	I	P	P	P	P	P
35	21545A0416	P	P	P	P	P	P
36	21545A0417	P	P	P	P	P	P
37	21545A0418	P	P	P	P	P	P
38	21545A0420	P	P	P	P	P	P
39	21545A0421	I	P	P	P	P	P
40	21545A0422	P	I	P	P	P	P
41	21545A0423	P	P	P	P	P	P
42	21545A0424	P	P	P	P	P	P
43	21545A0425	P	P	P	P	P	P
44	21545A0426	P	P	P	P	P	P
45	21545A0427	P	P	P	P	P	P
46	21545A0428	P	P	P	P	P	P
47	21545A0429	I	P	P	P	P	P
48	21545A0430	P	P	P	P	P	P
49	21545A0431	P	P	I	P	P	P
50	21545A0432	P	P	P	P	P	P
51	21545A0433	P	P	P	P	P	P
52	21545A0434	P	P	P	P	P	P
53	21545A0435	P	P	P	P	P	P
54	21545A0436	P	P	I	P	P	P
55	21545A0437	P	P	P	P	P	P
56	21545A0438	P	P	P	P	P	P
57	21545A0439	P	P	P	P	P	P
58	21545A0440	P	P	P	P	P	P
59	21545A0441	P	P	P	P	P	P
60	20541A0435	P	P	P	P	P	P



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61	20541A0436	I	P	P	P	P	P
62	21541A0411	P	P	P	P	P	P
63	20541AOH47	P	P	P	P	P	P
64	20541AOH47	P	P	P	P	P	P
65	20541AOH39	P	P	P	P	P	P
66	20541AOH40	P	P	P	P	P	P
67	20541AOH41	P	P	P	P	P	P
68	20541AOH42	P	P	P	P	P	P
69	20541AOH43	P	P	P	P	P	P
70	20541AOH44	P	P	P	P	P	P
71	20541AOH45	P	P	P	P	P	P
72	20541AOH46	P	P	P	P	P	P
73	20541AOH47	P	P	P	P	P	P
74	20541AOH48	P	P	P	P	P	P
75	20541AOH49	P	P	P	P	P	P
76	20541AOH50	P	P	P	P	P	P
77	20541AOH51	P	P	P	P	P	P
78	20541AOH52	P	P	P	P	P	P
79	20541AOH53	P	P	P	P	P	P
80	20541AOH54	P	P	P	P	P	P
81	20541AOH55	P	P	P	P	P	P
82	20541AOH56	P	P	P	P	P	P
83	20541AOH57	P	P	P	P	P	P
84	20541AOH58	P	P	P	P	P	P
85	20541AOH59	P	P	P	P	P	P
86	20541AOH60	P	P	P	P	P	P
87	20541AOH61	P	P	P	P	P	P
88	20541AOH62	P	P	P	P	P	P
89	20541AOH63	P	P	P	P	P	P
90	20541AOH64	P	P	P	P	P	P
91	20541AOH65	P	P	P	P	P	P
92	20541AOH66	P	P	P	P	P	P
93	20541AOH67	P	P	P	P	P	P
94	20541AOH68	P	P	P	P	P	P
95	20541AOH69	P	P	P	P	P	P



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96	215425A0409	P	P	P	P	P	P
97	215425A0409	P	P	P	P	P	P
98	215425A0410	P	P	P	P	P	P
99	215425A0411	P	P	P	P	P	P
100	215425A0411	P	P	P	P	P	P

  
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## Add-On Certificate Course on “INTERNET OF THINGS FUNDAMENTALS”

### FEEDBACK FORM

I V. Mahalakshmi Branch/Year EC II Please Complete the Evaluation for the Certificate Course on “INTERNET OF THINGS FUNDAMENTALS”. Your Feedback is valuable to us and is appreciated.

Criteria	Excellent (4)	Very Good (3)	Good (2)	Average (1)
Certificate Course was relevant to my need	✓			
Material provided was Helpful	✓			
Length of the Certificate course was sufficient		✓		
Questions were encouraged	✓			
The Presenter's Presentation was effective		✓		

1. What did you enjoy most During the Certificate Course?

I enjoyed a lot during the course work. and I learn new concepts from this course work.

2. How will you implement this Certificate Course in your academics?

I implement this certificate course for my future career and also for my project

Suggestions: Total course work is very good

Thank you for taking the time to help us improve our training.



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## Add-On Certificate Course on “INTERNET OF THINGS FUNDAMENTALS”

### FEEDBACK FORM

I P. Ravenni Branch/Year EC II Please Complete the Evaluation for the Certificate Course on “INTERNET OF THINGS FUNDAMENTALS”. Your Feedback is valuable to us and is appreciated.

Criteria	Excellent (4)	Very Good (3)	Good (2)	Average (1)
Certificate Course was relevant to my need	✓			
Material provided was Helpful	✓			
Length of the Certificate course was sufficient		✓		
Questions were encouraged	✓			
The Presenter’s Presentation was effective		✓		

1. What did you enjoy most During the Certificate Course?

I enjoyed a lot during this course work, and learning new concepts from this course.

2. How will you implement this Certificate Course in your academics?

I implement this certificate course for my future career.

Suggestions: I want more certificate courses.

Thank you for taking the time to help us improve our training.



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## Add-On Certificate Course on “INTERNET OF THINGS FUNDAMENTALS”

### FEEDBACK FORM

I D. Mahalakshmi Branch/Year ECG II Please Complete the Evaluation for the Certificate Course on “INTERNET OF THINGS FUNDAMENTALS”. Your Feedback is valuable to us and is appreciated.

Criteria	Excellent (4)	Very Good (3)	Good (2)	Average (1)
Certificate Course was relevant to my need	✓			
Material provided was Helpful		✓		
Length of the Certificate course was sufficient	✓			
Questions were encouraged		✓		
The Presenter's Presentation was effective	✓			

1. What did you enjoy most During the Certificate Course?

I enjoyed a lot During this course work and also learn new concept.

2. How will you implement this Certificate Course in your academics?

I implement this course for my future career and also for new projects

Suggestions: I want more certificate course

Thank you for taking the time to help us improve our training.



# VAAGESWARA COLLEGE OF ENGINEERING

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## Add-On Certificate Course on “INTERNET OF THINGS FUNDAMENTALS”

### FEEDBACK FORM

I P. Laxman Branch/Year ECG II Please Complete the Evaluation for the Certificate Course on “INTERNET OF THINGS FUNDAMENTALS”. Your Feedback is valuable to us and is appreciated.

Criteria	Excellent (4)	Very Good (3)	Good (2)	Average (1)
Certificate Course was relevant to my need	✓			
Material provided was Helpful	✓			
Length of the Certificate course was sufficient		✓		
Questions were encouraged	✓			
The Presenter's Presentation was effective		✓		

1. What did you enjoy most During the Certificate Course?

I enjoyed a lot During the course works.  
and I learn new concepts from the course.

2. How will you implement this Certificate Course in your academics?

I implement this course work for my future  
career and also for my projects

Suggestions: I want More certificate course

Thank you for taking the time to help us improve our training.



# VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

## Add-On Certificate Course on “INTERNET OF THINGS FUNDAMENTALS”

### FEEDBACK FORM

I G. Sasi Branch/Year 50011 Please Complete the Evaluation for the Certificate Course on “INTERNET OF THINGS FUNDAMENTALS”. Your Feedback is valuable to us and is appreciated.

Criteria	Excellent (4)	Very Good (3)	Good (2)	Average (1)
Certificate Course was relevant to my need	✓			
Material provided was Helpful	✓			
Length of the Certificate course was sufficient	✓	✓		
Questions were encouraged		~		
The Presenter’s Presentation was effective	✓			

1. What did you enjoy most During the Certificate Course?

I enjoyed a lot During this course work and I learn new concepts from the course work.

2. How will you implement this Certificate Course in your academics?

I implement this certificate course for my future career and also for my project

Suggestions: I want more certificate only

Thank you for taking the time to help us improve our training.



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## Department of Electronics and Communication Engineering

### REPORT

**Academic Year** : 2022-23

**Class and Semester** : B.TechIII year I semester

**Title** : **INTERNET OF THINGS FUNDAMENTALS**

**Course Duration** : 6 Days - 21/09/2022 to 26/09/2022

**Number of students completing the Certificate Course:** 100

### **Summary Report of the Programme with Outcome:**

- ❖ Current scenario/job opportunities of Internet of Things.
- ❖ Understanding the skill set required in a new employee in the project of IoT.
- ❖ Understanding the future and scope, available in the industry & their use.
- ❖ In-depth knowledge of design, construction, and programming concepts involved in building an autonomous Learn & Interact with renowned Industry Experts.

**Signature of Coordinator**



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### Certificate of Participation

This is to certify that Mr. / Ms. P. Poavalika

Hall Ticket No. 20S41AO4C1 of B.Tech III year has

successfully completed Internet of things fundamentals

Organized by the Department of Electronics and Communications Engineering

From 21/04/2022 to 26/09/2022 Hrs.

  
Coordinator

  
Co-coordinator

  
Head

  
Principal



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### Certificate of Participation

This is to certify that Mr. / Ms. R. Supriya

Hall Ticket No. 20SH1A04C7 of B.Tech III Year has

successfully completed Internet of Things Fundamentals

Organized by the Department of Electronics and Communications Engineering

From 21/09/2022 to 26/09/2022 Hrs.

  
Coordinator

  
Co-coordinator

  
Head

  
Principal



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### Certificate of Participation

This is to certify that Mr. / Ms. T. Sushma

Hall Ticket No. 21SH5A0408 of B.Tech III year has

successfully completed Internet of Things Fundamentals.

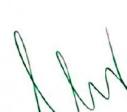
Organized by the Department of Electronics and Communications Engineering

From 21/09/2022 to 26/09/2022 Hrs.

  
Coordinator

  
Co-coordinator

  
Head

  
Principal



## VAAGESWARI COLLEGE OF ENGINEERING

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### Certificate of Participation

This is to certify that Mr. / Ms.

U. Sakthiran

Hall Ticket No. 2031104E5 of

B.Tech III year

has

successfully completed Internet of Things Fundamentals

Organized by the Department of Electronics and communication Engineering

From 21/09/2022 to 26/09/2022 9 hrs.

Coordinator

Co-coordinator

Head

Principal



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(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 26/09/2022

## CERTIFICATE

This is to Certify that Mr. M.Khurshid Baig, Assistant Professor, Department of Electronics and Communication Engineering has designed and developed the curriculum for Add-On Certificate Course on "**INTERNET OF THINGS FUNDAMENTALS**" during the Academic year 2022-23.

  
HOD

  
PRINCIPAL



# VAAGESWARI COLLEGE OF ENGINEERING

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(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Date: 26/09/2022

## CERTIFICATE

This is to Certify that Dr. D.Surendar, Associate Professor, Department of Electronics and Communication Engineering has designed and developed the curriculum for Add-On Certificate Course on "**INTERNET OF THINGS FUNDAMENTALS**" during the Academic year 2022-23.

  
HOD

  
PRINCIPAL