



Workshop Report

on

Two Days hands on Training –“IoT On-site Workshop”

Event Name: Two Days hands on Training –IoT On-site Workshop

Date/Time: 09.09.2025 To 10.09.2025/8.30AM to 4.00PM

Venue & Time: ECE Seminar Hall

Total Number of Participants: 60 Students

Resources Person:

- 1. Mr. Sreedhara, IobiT Solutions**
- 2. Mr. Kowshal, IobiT Solutions**

IobiT Solutions,
Lakshmi Complex, Ullal Main Road,
Bangalore-560056
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Contact No: +91 9449238479
GST No. 29AGBPN9880E1ZZ



Objectives:

The main objective is to provide the hands on experience in the field of IoT using LoRa WAN technology under the title of “**Two Days hands on Training –IoT On-site Workshop**” for the students of ECE department. . The following mentioned titles are discussed by the trainer which are:



MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST
Rajarajeswari College of Engineering

(An Autonomous Institution under Visvesvaraya Technological University, Belagavi)



ELECTRONICS AND COMMUNICATION ENGINEERING

Agenda for 2 Days Training Program

- Introduction to IoT & ESP 32.
- Introduction to Arduino IDE.
- Installing the Microcontroller Board Manager.
- Hands-On: Basic Exercise of Led, Switch.
- Introduction to Communication Protocols.
- Hands-On: Sensor interface eg: Temperature, Humidity, IR , Ultrasonic, Touch etc.
- DIY Session : Project Development using Sensors.
- DIY Session : Sensor Application Development.
- Introduction to Bluetooth & Wi-Fi Communication.
- DIY Session : Project Development using Bluetooth Communication .
- Introduction to Open source IoT cloud and end device.
- Hands-On : Open source IoT cloud and end device.
- DIY Session : Project Development using Wi-Fi Communication.
- Hands-On : Data collection and visualization for real-time systems.
- DIY Session : Real time data monitoring application development.

Outcomes

- Students gained a clear understanding of Internet of Things (IoT) fundamentals, architecture, components, and real-world applications.
- Students worked directly with IoT development boards, sensors, actuators, and communication modules, strengthening their practical skills.
- Participants learned to program microcontrollers and integrate hardware with cloud platforms and mobile/ web dashboards.
- Students designed and developed mini-projects such as smart home automation, environmental monitoring, or smart agriculture systems.
- Group activities improved communication, teamwork, and project-planning abilities.

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[Dr. Seetha.R]
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ELECTRONICS AND COMMUNICATION ENGINEERING



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Chief Patron

Dr. A.C. Shanmugam

B.A. LLB, FIMSA, FRCPS (Glasgow, UK)

Founder Chancellor & Chairman

RajaRajeswari Group of Institutions

Two Days Hands on Training on

IoT On-Site Workshop

Organized by

Dept. of Electronics & Communication Engineering



Co-Patron

Sri. A.C.S Arun Kumar

B.Tech (Hons.), LMISTE., MIET., (UK), LMCSI.,

MIEEE, MCSI, MISTE, CEng (India)

President

RajaRajeswari Group of Institutions



Resource Person

Mr. Kowshal

Embedded IoT Engineer
lobiT Solutions



Resource Person

Mr. Sreedhara

Technical Engineer
lobiT Solutions



Date: 9th - 10th Sep 2025 **Time:** 8:30AM - 4:00PM **Venue:** 4th Floor, Seminar Hall

Dr. S. Vijayanand, M.Tech., Ph.D

Executive Director, RRG I

Sri. C.N. Seetharam, IAS (Retd.)

Chief Executive Officer, RRG I

Prof. Dr. S. Jeyabalan., M.E., MBA, Ph.D

Special Officer, RRG I

Dr. A.K. Mariyappan

Rector, ACSCE

Dr. Meenakshi Sundaram

Register - Academic, RRCE

Dr. Balakrishna R

Principal, RRCE

Dr. Amutharaj J

Dean (Admin)

Dr. Rangaigh L

Dean (Academics)

Dr. Sunith R

HOD, Dept. of ECE

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Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Department of Electronics and Communication Engineering

Attendance

"IOT Onsite Workshop"



S.NO	USN	NAME	9-09-2025		10-09-2025	
			Forenoon	Afternoon	Forenoon	Afternoon
1	IRR23EC002	ABDUL AZEEM	Abdul	Azeem	Abdul	Azeem
2	IRR23EC004	ADITYA KAVATAGE	Aditya	Kavata	Aditya	Kavata
3	IRR23EC007	ANANYA R	Ananya	R	Ananya	R
4	IRR23EC009	APEKSHA N	Apeksha	N	Apeksha	N
5	IRR23EC010	ASHWINI G	Ashwini	G	Ashwini	G
6	IRR23EC016	CHARAN R A	Charan	R A	Charan	R A
7	IRR23EC017	CHENDAN N	Chendan	N	Chendan	N
8	IRR23EC019	CHETHAN P K	Chethan	P K	Chethan	P K
9	IRR23EC026	DHAMINI C	Dhamini	C	Dhamini	C
10	IRR23EC027	DHANALAKSHMI R	Dhanalakshmi	R	Dhanalakshmi	R
11	IRR23EC028	DHANUSH D GOWDA	Dhanush	D Gowda	Dhanush	D Gowda
12	IRR23EC031	HIRAJSHARMA M S	Hiraj	Sharma M S	Hiraj	Sharma M S
13	IRR23EC036	GANESH S R	Ganesh	S R	Ganesh	S R
14	IRR23EC040	HARSHA M	Harsha	M	Harsha	M
15	IRR23EC041	HARSHITH GOWDA J	Harshith	Gowda J	Harshith	Gowda J
16	IRR23EC047	JEEVAN S R	Jeevan	S R	Jeevan	S R
17	IRR23EC049	KARTHIGAYAN R	Karthigayan	R	Karthigayan	R
18	IRR23EC054	KAVYASHREE R	Kavyashree	R	Kavyashree	R
19	IRR23EC055	KISHORE GOWDA KS	Kishore	Gowda KS	Kishore	Gowda KS
20	IRR23EC056	KOMALA N K	Komala	N K	Komala	N K
21	IRR23EC059	KUSUMA V	Kusuma	V	Kusuma	V
22	IRR23EC060	KUSUMITH	Kusumith		Kusumith	
23	IRR23EC063	LIKITHA D U	Likitha	D U	Likitha	D U
24	IRR23EC064	LOCHAN S	Lochan	S	Lochan	S
25	IRR23EC065	M M CHANDAN	M.M.Chandan		M.M.Chandan	
26	IRR23EC067	MAHALAXMI	Mahalaxmi		Mahalaxmi	
27	IRR23EC068	MAMATHA S	Mamatha	S	Mamatha	S
28	IRR23EC069	MANASA VR	Manasa	VR	Manasa	VR
29	IRR23EC072	MANYA HS	Manya	HS	Manya	HS
30	IRR23EC073	MEGHANA M B	Meghana	M B	Meghana	M B
31	IRR23EC074	MITHILESH T C	Mithilesh	T C	Mithilesh	T C
32	IRR23EC086	POOJA R	Pooja	R	Pooja	R
33	IRR23EC087	PREETHI N	Preethi	N	Preethi	N

S.NO	USN	NAME	9-09-2025		10-09-2025	
			Forenoon	Afternoon	Forenoon	Afternoon
34	IRR23EC090	RASHMITHA C	<i>Rash</i>	<i>Rash</i>	<i>Rash</i>	<i>Rash</i>
35	IRR23EC091	RENUKA PRASAD K	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>
36	IRR23EC092	RUCHITHA N K	<i>Ruchi</i>	<i>Ruchi</i>	<i>Ruchi</i>	<i>Ruchi</i>
37	IRR23EC093	SAJAN S	<i>S.</i>	<i>S.</i>	<i>S.</i>	<i>S.</i>
38	IRR23EC094	SAMITH PATIL	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>
39	IRR23EC095	SANATH	<i>Sanath</i>	<i>Sanath</i>	<i>Sanath</i>	<i>Sanath</i>
40	IRR23EC096	SANDHYA GURURAJ K	<i>Sandhya</i>	<i>Sandhya</i>	<i>Sandhya</i>	<i>Sandhya</i>
41	IRR23EC097	SANJANA DESAI	<i>Sanjana</i>	<i>Sanjana</i>	<i>Sanjana</i>	<i>Sanjana</i>
42	IRR23EC100	SHARANKUMAR	<i>Sharankumar</i>	<i>Sharankumar</i>	<i>Sharankumar</i>	<i>Sharankumar</i>
43	IRR23EC102	SHRUSTI B JAGADE	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>	<i>Shruti</i>
44	IRR23EC104	SOUMYA	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>	<i>Soumya</i>
45	IRR23EC106	SUSHANTH A	<i>Sushanth</i>	<i>Sushanth</i>	<i>Sushanth</i>	<i>Sushanth</i>
46	IRR23EC107	TANVI P T	<i>Tanvi</i>	<i>Tanvi</i>	<i>Tanvi</i>	<i>Tanvi</i>
47	IRR23EC108	TEJASWINI L	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>	<i>Tejaswini</i>
48	IRR23EC110	THARUN BS	<i>Tharun</i>	<i>Tharun</i>	<i>Tharun</i>	<i>Tharun</i>
49	IRR23EC112	VARDHAN	<i>Vardhan</i>	<i>Vardhan</i>	<i>Vardhan</i>	<i>Vardhan</i>
50	IRR23EC117	VIKAS HS	<i>Vikas</i>	<i>Vikas</i>	<i>Vikas</i>	<i>Vikas</i>
51	IRR23EC118	VIKAS S JITTI	<i>V.S. Jitti</i>	<i>V.S. Jitti</i>	<i>V.S. Jitti</i>	<i>V.S. Jitti</i>
52	IRR23EC119	VINODKUMAR S PATIL	<i>Vinod</i>	<i>Vinod</i>	<i>Vinod</i>	<i>Vinod</i>
53	IRR23EC122	YASHAS R	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>
54	IRR23EC126	YOGESH P L	<i>Yogesh</i>	<i>Yogesh</i>	<i>Yogesh</i>	<i>Yogesh</i>
55	IRR24EC401	GAGAN G D	<i>Gagan G.D</i>	<i>Gagan G.D</i>	<i>Gagan G.D</i>	<i>Gagan G.D</i>
56	IRR24EC402	GAGAN V	<i>AB</i>	<i>AB</i>	<i>AB</i>	<i>AB</i>
57	IRR24EC403	HITESH KK	<i>Hitesh</i>	<i>Hitesh</i>	<i>Hitesh</i>	<i>Hitesh</i>
58	IRR24EC405	RENUKA PRASAD	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>	<i>Renuka</i>
59	IRR24EC409	SUBRAHMANYA M B	<i>Subrahmanya</i>	<i>Subrahmanya</i>	<i>Subrahmanya</i>	<i>Subrahmanya</i>
60	IRR24EC410	VAMSI KRISHNA C N	<i>Vamsi</i>	<i>Vamsi</i>	<i>Vamsi</i>	<i>Vamsi</i>

Shishar
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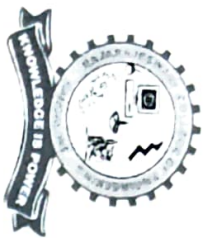
Dr. / Mr. / Ms. Marsha M has

successfully completed the Two-Days Hands on Training on “Internet of Things (IoT)”
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Santhak
HOD

R. R. R.
Principal

Mr. Srikanth N
Director, lobiT Solutions



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Mr. Srikanth N
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