



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

Email : sales@iobit.in | Website: www.iobit.in

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:

**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.

Beethika
[Dr. Seethika.R]

PROFESSOR & HEAD

DEPT. OF ELECTRONICS & COMMUNICATION ENG.
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(An Autonomous Institution under Visvesvaraya Technological University, Belagavi)



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Embedded IoT Engineer
IotiT Solutions



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Technical Engineer
IotiT Solutions



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

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

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

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HOD, Dept. of ECE

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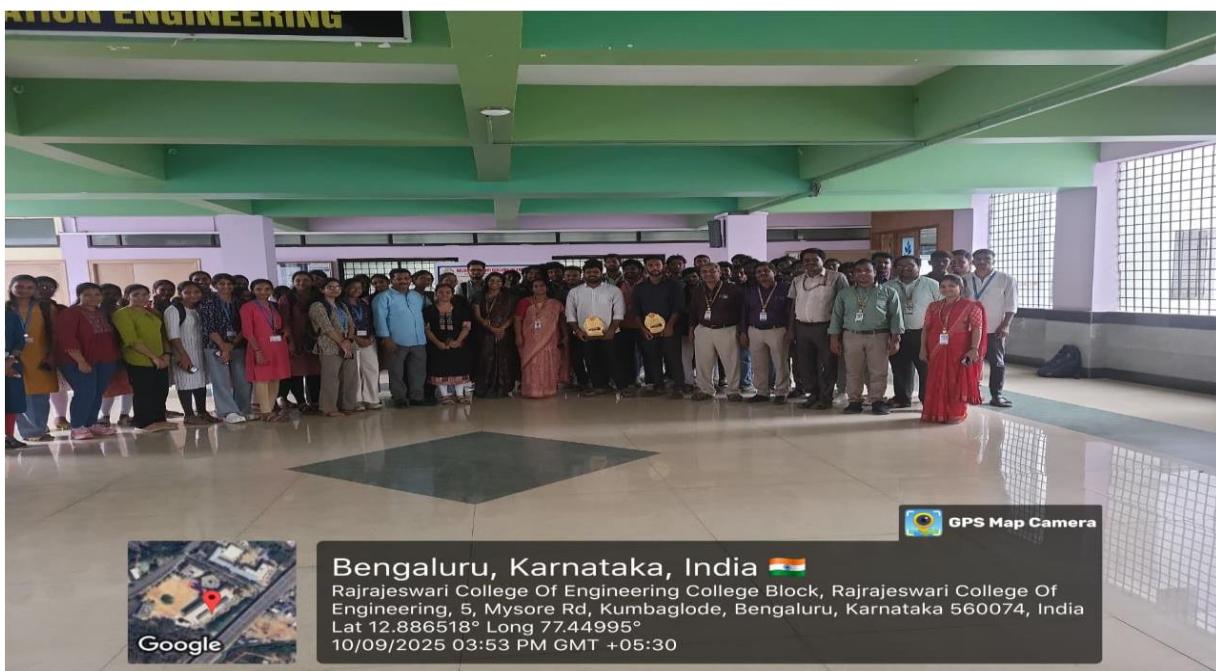
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Seenitha R
[Dr. Seenitha.R]

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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	Abdul	Abdul	Abdul
2	IRR23EC004	ADITYA KAVATAGE	Aditya	Aditya	Aditya	Aditya
3	IRR23EC007	ANANYA R	Ananya	Ananya	Ananya	Ananya
4	IRR23EC009	APEKSHA N	Apeksha	Apeksha	Apeksha	Apeksha
5	IRR23EC010	ASHWINI G	Ashwi	Ashwi	Ashwi	Ashwi
6	IRR23EC016	CHARAN R A	Charan	Charan	Charan	Charan
7	IRR23EC017	CHENDAN N	Chendan	Chendan	Chendan	Chendan
8	IRR23EC019	CHEETHAN P K	Cheethan	Cheethan	Cheethan	Cheethan
9	IRR23EC026	DHAMINI C	Dhamini	Dhamini	Dhamini	Dhamini
10	IRR23EC027	DHANALAKSHMI R	Dhanalakshmi	Dhanalakshmi	Dhanalakshmi	Dhanalakshmi
11	IRR23EC028	DHANUSH D GOWDA	Dhanush	Dhanush	Dhanush	Dhanush
12	IRR23EC031	DHIRAJSHARMA M S	Dhiraj	Dhiraj	Dhiraj	Dhiraj
13	IRR23EC036	GANESH S R	Ganesh	Ganesh	Ganesh R	Ganesh
14	IRR23EC040	HARSHA M	Harsha	Harsha	Harsha	Harsha
15	IRR23EC041	HARSHITH GOWDA J	Harshith	Harshith	Harshith	Harshith
16	IRR23EC047	JEEVAN S R	Jeevan	Jeevan	Jeevan	Jeevan
17	IRR23EC049	KARTHIGAYAN R	Karthigayan	Karthigayan	Karthigayan	Karthigayan
18	IRR23EC054	KAVYASHREE R	Kavyashree	Kavyashree	Kavyashree	Kavyashree
19	IRR23EC055	KISHORE GOWDA KS	Kishore	Kishore	Kishore	Kishore
20	IRR23EC056	KOMALA N K	Komala	Komala	Komala	Komala
21	IRR23EC059	KUSUMA V	Kusuma	Kusuma	Kusuma	Kusuma
22	IRR23EC060	KUSUMITH	Kusumith	Kusumith	Kusumith	Kusumith
23	IRR23EC063	LIKITHA D U	Likitha	Likitha	Likitha	Likitha
24	IRR23EC064	LOCHAN S	Lochan	Lochan	Lochan	Lochan
25	IRR23EC065	M M CHANDAN	M M Chandan	M M Chandan	M M Chandan	M M Chandan
26	IRR23EC067	MAHALAXMI	Maha	Maha	Maha	Maha
27	IRR23EC068	MAMATHA S	Mamatha	Mamatha	Mamatha	Mamatha
28	IRR23EC069	MANASA VR	Manasa	Manasa	Manasa	Manasa
29	IRR23EC072	MANYA HS	Manya	Manya	Manya	Manya
30	IRR23EC073	MEGHANA M B	Meghana	Meghana	Meghana	Meghana
31	IRR23EC074	MITHILESH I C	Mithilesh	Mithilesh	Mithilesh	Mithilesh
32	IRR23EC086	POOJA R	Pooja	Pooja	Pooja	Pooja
33	IRR23EC087	PREETHI N	Preethi N	Preethi N	Preethi N	Preethi N

S.NO	USN	NAME	9-09-2025		10-09-2025	
			Forenoon	Afternoon	Forenoon	Afternoon
34	IRR23EC090	RASHMITHA C				
35	IRR23EC091	RENUKA PRASAD K				
36	IRR23EC092	RUCHITHA N K				
37	IRR23EC093	SAJAN S				
38	IRR23EC094	SAMITH PATIL				
39	IRR23EC095	SANATH				
40	IRR23EC096	SANDHYA GURURAJ K				
41	IRR23EC097	SANJANA DESAI				
42	IRR23EC100	SHARANKUMAR				
43	IRR23EC102	SHRUSTI B JAGADE				
44	IRR23EC104	SOUMYA				
45	IRR23EC106	SUSHANTH A				
46	IRR23EC107	TANVI P T				
47	IRR23EC108	TEJASWINI L				
48	IRR23EC110	THARUN BS				
49	IRR23EC112	VARDHAN				
50	IRR23EC117	VIKAS HS				
51	IRR23EC118	VIKAS S JITTI				
52	IRR23EC119	VINODKUMAR S PATIL				
53	IRR23EC122	YASHAS R				
54	IRR23EC126	YOGESH P L				
55	IRR24EC401	GAGAN G D				
56	IRR24EC402	GAGAN V				
57	IRR24EC403	HITESH KK				
58	IRR24EC405	RENUKA PRASAD				
59	IRR24EC409	SUBRAHMANYA MB				
60	IRR24EC410	VAMSI KRISHNA C N				

Shashank
HOD/ECE

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lobiT Solutions

Certificate Of Participation

This is to certify that

Dr. / Mr. / Ms. Harsha M has

successfully completed the Two-Days Hands on Training on “Internet of Things (IoT)”
from 09-09-2025 to 10-09-2025 conducted by lobiT Solutions, Bengaluru
at RajaRajeswari College Of Engineering, Bengaluru.

Sumithra

Rakesh

Srikanth

HOD

Principal

Mr. Srikanth N
Director, lobiT Solutions





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IoT Solutions

Certificate Of Participation

This is to certify that

Dr. / Mr. / Ms. Mitesh KK has

successfully completed the Two-Days Hands on Training on “Internet of Things (IoT)”
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at RajaRajeswari College Of Engineering, Bengaluru.

Surish

HOD

Principal

RPN

S. N. S.

Mr. Srikanth N

Director, IoT Solutions