

# SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (A)

(AFFILIATED TO JNTUK, Kakinada & Recognized by A.I.C.T.E. Govt. of India)

(Accredited by N.B.A., A.I.C.T.E., New Delhi)

China Amiram, BHIMAVARAM, W.G. Dist., A.P., INDIA:Pin: 534204

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Dr. K. V. Krishnam Raju**

B. Tech (CSE), M. Tech (CSE), Ph. D (CSE)

Member of ACM

**Professor**

Program Coordinator - B. Tech-CSE (CIC)



Dept: +91-8816-223332, EXT.213

Phone: +91-9948771117

Email: kvkraj@srkrec.ac.in

Dt: 29-12-2023

### CIRCULAR

Dear Students,

Warm Greetings from Department of Computer Science & Engineering, S.R.K.R. Engineering College (Autonomous), China Amiram, Bhimavaram-534204, Andhra Pradesh, India.

It is our great pleasure to inform you that a Two-day Hands-on Workshop on “Internet of Things (IoT)” is being organised by the Department of Computer Science & Engineering (CIC) on 2<sup>nd</sup> to 3<sup>rd</sup> February, 2024 at S.R.K.R. Engineering College, Bhimavaram.

Contents to be covered:

Date	Time (09:00 AM to 05:00 PM)
02/02/2024	Introduction to Internet of Thing, Awareness of ESP32 Board, Arduino Programming, Fundamentals Programming & interface of Sensors, Simple LED Programs, Integrating Sensors & Reading Environmental physical values, Reading Environmental physical values on Android Smart phone, Mini Home Automation using Android Smart phone.
03/02/2024	Control Devices using local host web server for home automation, Use of ESP32 to upload free data from environmental sensors to cloud servers, send voltage & Analog data on cloud server, Control Electronic Devices from anywhere across the world using internet & Mobile App.

Copy to:

All the Faculty & 2/4 CIC Students.

Notice Board.

Department Office.

(Dr. K V Krishnam Raju)

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China Amiram, BHIMAVARAM, W.G. Dist., A.P., INDIA:Pin:534204

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Dr. V. Chandra Sekhar**

M.Tech(CST), Ph.D.,(CSE), MIEEE, MACM, MIACSIT

**Professor & Head**



**Dept: +91-8816223332,EXT.213**

Phone: +91-9440351652

Email:cse@srkrec.ac.in

dr.vcs@srkrec.ac.in

Date:29-12-2023

### CIRCULAR

Dear Students,

Warm Greetings from Department of Computer Science & Engineering, S.R.K.R. Engineering College (Autonomous), China Amiram, Bhimavaram-534204, Andhra Pradesh, India.

It is our great pleasure to inform you that a Two-day Hands-on Workshop on “Internet of Things (IoT)” is being organised by the Department of Computer Science & Engineering (CIC) on 2<sup>nd</sup> to 3<sup>rd</sup> February,2024 at S.R.K.R. Engineering College, Bhimavaram.

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03/02/2024	Control Devices using localhost web server for home automation, Use of ESP32 to upload free data from environmental sensors to cloud servers, send voltage & Analog data on cloud server, Control Electronic Devices from anywhere across the world using internet & Mobile App.

**Head of the Department**

Head of the Department  
Computer Science & Engineering  
S.R.K.R. Engineering College (A)  
BHIMAVARAM-534 204, A.P., INDIA.

C.c.to:


All the Faculty & CIC Students,  
Notice Board,  
Department Office.

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CIC)**  
**A HANDS-ON WORKSHOP**  
**ON**  
**INTERNET OF THINGS (IOT)**

<b>Name of Event</b>	<b>A Hands-on Workshop on Internet of Things (IoT)</b>
<b>Type of Event:</b>	Workshop
<b>Event start date</b>	02 <sup>nd</sup> February 2024
<b>Event End date</b>	03 <sup>rd</sup> February 2024
<b>Event coordinator</b>	Mr. S. Suryanarayana Raju
<b>Event Coordinator Mobile number</b>	+91-8919967417
<b>Department Organized</b>	<b>INTERNET OF THINGS AND CYBER SECURITY INCLUDING BLOCK CHAIN TECHNOLOGY (CIC)</b>
<b>Collaboration/Association</b>	<b>CSE</b>
<b>Description of the event</b>	The Workshop is mainly organized to give a good knowledge in Internet of Things for CIC students & CSE faculty with hands on experience. The participants are expected to gain skills to create fundamentals of IoT functioning systems and collaborate problem solving. This workshop also provides profound knowledge to do projects related to Social Relevance Applications.
<b>Poster, Banner &amp; Brochure</b>	<b>Annexure-I</b>
<b>Participants attended sheet</b>	<b>Annexure-II</b>
<b>Event Pictures &amp; Sample Certificate</b>	<b>Annexure-III</b>
<b>Feedback</b>	<b>Annexure-IV</b>

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CIC)**  
**A HANDS-ON WORKSHOP**  
**ON**  
**INTERNET OF THINGS (IOT)**

**ANNEXURE-I**



**SRKR ENGINEERING COLLEGE(A)**  
**A Two Day Hands-on Workshop**  
**on**  
**Internet of Things (IoT)**

**CONTENTS**

- ☑ Introduction to IoT
- ☑ Introduction to ESP32 Micro Controller
- ☑ IoT Application Development & Deployment
- ☑ App Integration with Cloud and Twitter
- ☑ Project Competition

  
**2 & 3 FEBRUARY 2024**  
**From 9.00 AM TO 5 PM**

**Convenor**

**Dr. K. V. Krishnam Raju,**  
Professor, Dept. of CSE.  
Coordinator for Dept. of CIC

**Coordinator**

**Mr. S. Suryanarayana Raju,**  
Assistant Professor, Dept. of CSE.

**Resource Persons**

**Mr. D. Ravi Babu,** Asst. Professor, Dept. of CSE.  
**Mr. Ch. Raghuram,** Asst. Professor, Dept. of CSE.

*Registration only for II / IV CIC Students & CSE Faculty*

**Certificates will be provided to all the participants**

**Organized by Department of CIC**

Small text: Made with PosterMyWall.com

**VENUE:** 📍 CSE Dept. Lab:6 (B301) 📞 +91 9502344445



**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (A)**  
**SRKR MARG, BHIMAVARAM, ANDHRA PRADESH - 534204**

*A Two Day Hands-on Workshop*  
*on*

**INTERNET OF THINGS**  
**(IoT)**

*2<sup>nd</sup> & 3<sup>rd</sup> February 2024*

*Organized By*

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**(Internet of Things and Cyber Security including Blockchain Technology)**



# SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CIC)

### A HANDS-ON WORKSHOP

#### ON

### INTERNET OF THINGS (IOT)

#### ABOUT SRKR ENGINEERING COLLEGE

Sagi Rama Krishnam Raju Engineering College is a 40-year-old institution established in 1980. S R K R Engineering College was established with a mission to develop the college into a center of excellence in the field of technical education, capable of training students as sound professionals to cater to the needs of the society. The college is offering Six B.Tech. Programmes, Six M.Tech. Programmes and Seven Ph.D. Programmes with a total strength of more than 6500 students. This is an autonomous institution, affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK), approved by AICTE New Delhi, accredited by National Board of Accreditation (NBA), accredited with 'A' grade by NACC with CGPA of 3.60/400 scale and NIRF ranked. The college is recognized as Scientific and Industrial Research Organization (SIROs), recognized as Business Incubation Center (MSME), secured the status of 2(f) and 12(B) of UGC in 1988, selected for financial support under FIST Program of DST, New Delhi; selected under Unnat Bharat Abhiyan (UBA) of MHRD, Govt. of India. College has 64 MoUs with National and International Universities / Industries / Organizations for staff and students mobility and training programs.

#### SRKR ENGINEERING COLLEGE(A) BHIMAVARAM, ANDHRA PRADESH-534204



#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (INTERNET OF THINGS AND CYBER SECURITY INCLUDING BLOCK CHAIN TECHNOLOGY)

ORGANIZES

#### A TWO DAY HANDS-ON WORKSHOP on INTERNET OF THINGS (IOT)

02 & 03 February, 2024  
09:00 AM to 05:00PM

#### ABOUT THE DEPARTMENT

Computer Science & Engineering (Internet of Things and Cyber security including Block chain Technology) undergraduate engineering program has been started by the institute from the academic year 2022-23 with the intake capacity of 60 seats. This B.Tech CSE (IOT & Cyber Security including Blockchain Technology) undergraduate programme familiarizes students with the functional and operational aspects of IOT, Cyber Security and Block chain Technology.

#### ABOUT THE WORKSHOP

The Workshop is mainly organized to give a good knowledge in Internet of Things for CIC students & CSE faculty with hands on experience. The participants are expected to gain skills to create fundamentals of IoT functioning systems and collaborate problem solving. This workshop also provides profound knowledge to do projects related to Social Relevance Applications.

#### VENUE

CSE Dept. Lab:6 (B301)

#### CHIEF PATRON

Sri. S Prasada Raju  
President, SRKREC

Sri. P Krishnam Raju  
Honorary Chairman,  
Member Governing Body, SRKREC

Sri. G Rama Raju  
Vice-President-I, SRKREC

Sri. S V Ranga Raju  
Vice-President-II, SRKREC

Sri. S R K Nishant Varma  
Secretary cum Correspondent, SRKREC

Sri. K S Vijaya Narasimha Raju  
Member, Governing Body, SRKREC

Sri. S Satya Pratik Varma  
Member, General Body, SRKREC

#### PATRON

Dr. M Jagapathi Raju  
Director, SRKREC

Dr. K.V. Murali Krishnam Raju  
Principal, SRKREC

#### CONVENOR

Dr. K. V. Krishnam Raju  
Professor, Dept. of CSE  
Coordinator Dept. of CIC

#### COORDINATOR

Mr. S. Suryanarayana Raju  
Asst. Professor, Dept of CSE.

#### RESOURCE PERSONS

Mr. D. Ravi babu  
Asst. Professor, Dept. of CSE

Mr. Ch. Raghuram  
Asst. Professor, Dept of CSE.

#### WHO SHOULD ATTEND?

All the II/IV CIC students & CSE faculty

#### REGISTRATION

- No registration fees
- Click to register:  
<https://forms.gle/gbyEflghujkVYdd4>
- Registration Deadline: 29-01-2024
- Registration will be on first-come- first-serve basis until the maximum intake is met.
- E-Certificates will be given to all the eligible participants who will attended all the sessions.

#### PREREQUISITE FOR WORKSHOP

- Ø Gmail Account
- Ø MIT App inventor Account
- Ø Thing Speak Account
- Ø Twitter Account
- Ø Android Mobile
- Ø Laptop (if available)

#### CONTACT DETAILS

+91-9502344445

#### SCHEDULE

##### Day 1

Introduction to Internet of Thing  
Awareness of ESP32 Board  
Arduino Programming Fundamentals  
Programming & interface of Sensors  
Project 1: Simple LED Programs.  
Project 2: Integrating Sensors & Reading Environmental physical values.  
Project 3: Reading Environmental physical values on Android Smart phone.  
Project 4: Mini Home Automation using Android Smart phone.

##### Day 2

Project 5: Control Devices using localhost web server for home automation.  
Project 6: Use of ESP32 to upload free data from environmental sensors to cloud servers.  
Project 7: send voltage & Analog data on cloud server.  
Project 8: Control Electronic Devices from anywhere across the world using internet & Mobile App.

Note: After completion of the workshop each student should a submit project with addressing social relevance problems within 2 weeks.  
(Certificates will be provided to the best projects)

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CIC)**  
**A HANDS-ON WORKSHOP**  
**ON**  
**INTERNET OF THINGS (IOT)**  
**ANNEXURE-II**



**S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM**  
**Department of Computer Science & Engineering**  
**(Internet of Things and Cyber security including**  
**Block chain Technology)**

**A Two-Day Hands-on Workshop on INTERNET OF THINGS(IoT)**

**2<sup>nd</sup> & 3<sup>rd</sup> FEB 2024**

**02/02/2024 Day-1 Signature Sheet**  
**(09:00AM to 12:00PM)**

S. No	REGD NO/ PF NO	Name of the Student	Signature
1	22B91A4701	Aitha Venkata Sri Sathwika	A.V. Sridathwika
2	22B91A4702	Alluri Naga Sai Rama Krishnam Raju	A.N.S.R.K. Raju
3	22B91A4703	Anaparthi Lokesh	A. Lokesh
4	22B91A4704	Arjila Kasi	A. Kasi
5	22B91A4705	Baddi Kesava Hari Naga Chandra Murthy	B. Kesava
6	22B91A4706	B.Sathwika	B. Sathwika
7	22B91A4707	Barri Venkat Sai Vidhya Sagar	B. Vidhyasagar
8	22B91A4708	Bonala Praveen Raj Mohan	B. Praveen Raj
9	22B91A4709	Chandu Chandra Sekhar	ch. chandra sekhar
10	22B91A4710	Chennu Vayunandana Sai Sitaram	ch.v.s. Sitaram
11	22B91A4711	Chokka Alex	Ch. Alex
12	22B91A4712	D.Srinitya	D. Srinitya
13	22B91A4713	Dande Avinash Kiran Kumar	D. Kiran Kumar
14	22B91A4714	Dandu Sahrudaya	← ABSENT →
15	22B91A4715	Dodda Manoj Kumar	D. Manoj Kumar
16	22B91A4716	Dulam Manikanta Sai	D. Manikanta Sai
17	22B91A4717	Bharani Eda	Bharani Eda
18	22B91A4718	E Raj Brinard	E. Raj Brinard
19	22B91A4719	Gandiboina Yashwanth	G. Yashwanth
20	22B91A4720	Hanitha Rajeswari Ganiseti	G. Hanitha Rajeswari
21	22B91A4721	Ivaturi N S Venkata Ramana Kashyap	← ABSENT →
22	22B91A4722	Bala Sai Teja Jaddu	J. Bala Sai Teja
23	22B91A4723	Janipella Jaswanth Setti	J. Jaswanth Setti
24	22B91A4724	Kakara. Jyothi	K. Jyothi
25	22B91A4725	K V V Sravanth Babu	K. Sravanth Babu
26	22B91A4726	Karra Gavin Praneeth	K. Gavin Praneeth
27	22B91A4727	Salman Raju Katikala	K. Salman Raju
28	22B91A4728	Koppireddy Pavan Venkata Sairam	K.P.V. Sairam
29	22B91A4730	M.Hemanth Bhargav	M. Hemanth
30	22B91A4731	Meenugu Hani Satwik	M. Hani Satwik
31	22B91A4732	Melam Siva Sai	M. Siva Sai
32	22B91A4733	Adithya Merugumalla	M. Adithya
33	22B91A4734	M Prem Kishore	M. Prem Kishore
34	22B91A4735	Mynampudi Sri Satyakumar	M. Sri Satyakumar
35	22B91A4736	Mamatha Nare	N. Mamatha
36	22B91A4737	P. Rakshitha	P. Rakshitha
37	22B91A4738	Penna Chirudeep	P. Chirudeep
38	22B91A4739	Rebba Naveen Kumar	R. Naveen Kumar
39	22B91A4740	Rekadi Venkata Krishna Madhavi	R.V.K. Madhavi
40	22B91A4741	Sampathirao Harshavardhan	S. Harsha vardhan

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**A HANDS-ON WORKSHOP**  
**ON**  
**INTERNET OF THINGS (IOT)**



**S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM**  
**Department of Computer Science & Engineering**  
**(Internet of Things and Cyber security including**  
**Block chain Technology)**

**A Two-Day Hands-on Workshop on INTERNET OF THINGS(IoT)**

**2<sup>nd</sup> & 3<sup>rd</sup> FEB 2024**

**02/02/2024 Day-1 Signature Sheet**

**(09:00AM to 12:00PM)**

S. No	REGD NO/ PF NO	Name of the Student	Signature
41	22B91A4742	Sanneboina Venkata Supraja	S. Venkata Supraja
42	22B91A4743	Sannidhi Bhavana Lakshmi	S. Bhavana
43	22B91A4744	Shaik Fahid Mohammed Minhaz	S. F. M. Minhaz
44	22B91A4745	Shaik Grace Sana Johny	Shaik Grace Sana Johny
45	22B91A4746	Liziana Shaik	Sk. Liziana
46	22B91A4747	Shaik Rafi	Sk. Rafi
47	22B91A4748	Sunkara Jahnavi	S. Jahnavi
48	22B91A4749	Tadi Deepika	T. Deepika
49	22B91A4750	Tatikonda Venkata Yathieswar	T. Yathieswar
50	22B91A4751	Tavva Sameera	T. Sameera
51	22B91A4752	Thirumalla Sai Naga Manikanta	T. Manikanta
52	22B91A4753	Vennapusala Pravallika	V. Pravallika
53	22B91A4754	Yadlapalli Pravallika Surya Durga	Y. Pravallika
54	23B95A4702	Chebrolu. Kalyani	Ch. Kalyani
55	23B95A4703	Chebrolu Mahalakshmi	Ch. Mahalakshmi
56	23B95A4705	Devarakonda Pavan Kalyan	D. Pavan Kalyan
57	23B95A4706	Kadavala Vamsi	K. Vamsi
58	23B95A4707	Kesa Sri Lakshmi Katuri	K. Kesa Sri Lakshmi
59	23B95A4708	Ketha Anand Kumar	K. Anand Kumar
60	23B95A4709	Sasi Chakra Kumari	S. Sasi Chakra Kumari
61	23B95A4710	Kotipalli Sai Satya Srinivas	K. Sai Satya Srinivas
62	23B95A4711	Nidadavolu Vedavyas	N. Vedavyas
63	23B95A4712	Sureddy B D S N Rishi	S. Rishi
64	23B95A4713	Thandu. Leela Kavyanjali	T. Leela Kavyanjali
65	23B95A4714	Yerramsetti Teja Naga Satya Sai Ganesh	Y. T. N. S. Sai Ganesh
66	0376	Dr. Gadiraju Mahesh	← ABSENT →
67	0499	Dr. K Aruna Kumari	← ABSENT →
68	1155	Dr. D N S B Kavitha	← ABSENT →
69	1100	Smt. A Neelima	

**Resource Person**  
**D. Ravi Babu**  
 Asst. Prof, CSE

Coordinator  
**S. SURYANARAYANA RAJU**  
 Asst. Prof, CSE

Resource Person  
**Ch. Raghuram**  
 Asst. Prof, CSE

Convener  
**Dr. K. V. KRISHNAM RAJU**  
 Professor, Department of CSE,  
 Coordinator for CIC.

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18	22B91A4718	E Raj Brinard	E. Raj Brinard
19	22B91A4719	Gandiboina Yashwanth	G. Yashwanth
20	22B91A4720	Hanitha Rajeswari Ganiseti	G. Hantharajeswari
21	22B91A4721	Ivaturi N S Venkata Ramana Kashyap	← ABSENT →
22	22B91A4722	Bala Sai Teja Jaddu	J. Bala Sai Teja
23	22B91A4723	Janipella Jaswanth Setti	J. Jaswanth Setti
24	22B91A4724	Kakara. Jyothi	K. Jyothi
25	22B91A4725	K V V Sravanth Babu	K. Sravanth Babu
26	22B91A4726	Karra Gavin Praneeth	K. Gavin Praneeth
27	22B91A4727	Salman Raju Katikala	K. Salman Raju
28	22B91A4728	Koppireddy Pavan Venkata Sairam	K.P.V. Sairam
29	22B91A4730	M.Hemanth Bhargav	M. Hemanth Bhargav
30	22B91A4731	Meenugu Hani Satwik	M. Hani Satwik
31	22B91A4732	Melam Siva Sai	M. Siva Sai
32	22B91A4733	Adithya Merugumalla	M. Adithya
33	22B91A4734	M Prem Kishore	M. Prem Kishore
34	22B91A4735	Mynampudi Sri Satyakumar	M. Sri Satyakumar
35	22B91A4736	Mamatha Nare	N. Mamatha
36	22B91A4737	P. Rakshitha	P. Rakshitha
37	22B91A4738	Penna Chirudeep	P. Chirudeep
38	22B91A4739	Rebba Naveen Kumar	R. Naveen Kumar
39	22B91A4740	Rekadi Venkata Krishna Madhavi	R.V.K. Madhavi
40	22B91A4741	Sampathirao Harshavardhan	S. Harsha Varadhan

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**A HANDS-ON WORKSHOP**  
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**INTERNET OF THINGS (IOT)**



**S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM**  
**Department of Computer Science & Engineering**  
**(Internet of Things and Cyber security including**  
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**A Two-Day Hands-on Workshop on INTERNET OF THINGS(IoT)**

**2<sup>nd</sup> & 3<sup>rd</sup> FEB 2024**

**02/02/2024 Day-1 Signature Sheet**  
**(01:30PM to 05:00PM)**

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43	22B91A4744	Shaik Fahid Mohammed Minhaz	S.F.M. Minhaz
44	22B91A4745	Shaik Grace Sana Johny	Shaik Grace Sana Johny
45	22B91A4746	Liziana Shaik	Sk. Liziana
46	22B91A4747	Shaik Rafi	Sk. Rafi
47	22B91A4748	Sunkara Jahnvi	S. Jahnvi
48	22B91A4749	Tadi Deepika	T. Deepika
49	22B91A4750	Tatikonda Venkata Hyathieswar	T. Yathieswar
50	22B91A4751	Tavva Sameera	T. Sameera
51	22B91A4752	Thirumalla Sai Naga Manikanta	T. Manikanta
52	22B91A4753	Vennapusala Pravallika	V. Pravallika
53	22B91A4754	Yadlapalli Pravallika Surya Durga	Y. Pravallika
54	23B95A4702	Chebrolu. Kalyani	ch. Kalyani
55	23B95A4703	Chebrolu Mahalakshmi	Ch. Mahalakshmi
56	23B95A4705	Devarakonda Pavan Kalyan	D. Pavan Kalyan
57	23B95A4706	Kadavala Vamsi	K. Vamsi
58	23B95A4707	Kesa Sri Lakshmi-Katuri	k. kesasri lakshmi
59	23B95A4708	Ketha Anand Kumar	K. Anand Kumar
60	23B95A4709	Sasi Chakra Kumari	K. Sasi Chakra Kumari
61	23B95A4710	Kotipalli Sai Satya Srinivas	K. Saikat Srinivas
62	23B95A4711	Nidadavolu Vedavyas	N. Vedavyas
63	23B95A4712	Sureddy B D S N Rishi	S. Rishi
64	23B95A4713	Thandu. Leela Kavyanjali	T. Leela Kavyanjali
65	23B95A4714	Yerramsetti Teja Naga Satya Sai Ganesh	Y.T.N. S. Satyanesh
66	0376	Dr. Gadiraju Mahesh	G. Mahesh
67	0499	Dr. K Aruna Kumari	← ABSENT →
68	1155	Dr. D N S B Kavitha	← ABSENT →
69	1100	Smt. A Neelima	← ABSENT →

**Resource Person**  
**D. Ravi Babu**  
 Asst. Prof, CSE

Resource Person  
**Ch. Raghuram**  
 Asst. Prof, CSE

Coordinator  
**S. SURYANARAYANA RAJU**  
 Asst. Prof, CSE

K ✓ Convener  
  
**Dr. K. V. KRISHNAM RAJU**  
 Professor, Department of CSE,  
 Coordinator for CIC.

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CIC)**  
**A HANDS-ON WORKSHOP**  
**ON**  
**INTERNET OF THINGS (IOT)**



**S.R.K.R. ENGINEERING COLLEGE(A)::BHIMAVARAM**  
**Department of Computer Science & Engineering**  
**(Internet of Things and Cyber security including**  
**Block chain Technology)**

**A Two-Day Hands-on Workshop on INTERNET OF THINGS(IoT)**

**2<sup>nd</sup> & 3<sup>rd</sup> FEB 2024**

**03/02/2024 Day-2 Signature Sheet**

**(09:00AM to 12:00PM)**

S. No	REGD NO/ PF NO	Name of the Student	Signature
1	22B91A4701	Aitha Venkata Sri Sathwika	A. V. Sri Sathwika
2	22B91A4702	Alluri Naga Sai Rama Krishnam Raju	A. N. S. R. K. Raju
3	22B91A4703	Anaparthi Lokesh	A. Lokesh
4	22B91A4704	Arjila Kasi	A. Kasi
5	22B91A4705	Baddi Kesava Hari Naga Chandra Murthy	B. Kesava
6	22B91A4706	B.Sathwika	B. Sathwika
7	22B91A4707	Barri Venkat Sai Vidhya Sagar	B. Venkat Sai Vidhya Sagar
8	22B91A4708	Bonala Praveen Raj Mohan	B. Praveen Raj Mohan
9	22B91A4709	Chandu Chandra Sekhar	Ch. Chandrasekhar
10	22B91A4710	Chennu Vayunandana Sai Sitaram	Ch. V. S. Sitaram
11	22B91A4711	Chokka Alex	Ch. Alex
12	22B91A4712	D.Srinitya	D. Srinitya
13	22B91A4713	Dande Avinash Kiran Kumar	D. Avinash Kiran Kumar
14	22B91A4714	Dandu Sahrudaya	← ABSENT →
15	22B91A4715	Dodda Manoj Kumar	D. Manoj Kumar
16	22B91A4716	Dulam Manikanta Sai	D. Manikanta Sai
17	22B91A4717	Bharani Eda	← ABSENT →
18	22B91A4718	E Raj Brinard	E. Raj Brinard
19	22B91A4719	Gandiboina Yashwanth	G. YASHWANATH
20	22B91A4720	Hanitha Rajeswari Ganiseti	G. Hanitha Rajeswari
21	22B91A4721	Ivaturi N S Venkata Ramana Kashyap	← ABSENT →
22	22B91A4722	Bala Sai Teja Jaddu	J. Bala Sai Teja
23	22B91A4723	Janipella Jaswanth Setti	J. Jaswanth Setti
24	22B91A4724	Kakara. Jyothi	← ABSENT →
25	22B91A4725	K V V Sravanth Babu	K. Sravanth Babu
26	22B91A4726	Karra Gavin Praneeth	K. Gavin Praneeth
27	22B91A4727	Salman Raju Katikala	K. Salman Raju
28	22B91A4728	Koppireddy Pavan Venkata Sairam	K. P. V. Sairam
29	22B91A4730	M.Hemanth Bhargav	M. Hemanth
30	22B91A4731	Meenugu Hani Satwik	M. Hani Satwik
31	22B91A4732	Melam Siva Sai	M. Siva Sai
32	22B91A4733	Adithya Merugumalla	M. Adithya
33	22B91A4734	M Prem Kishore	M. Prem Kishore
34	22B91A4735	Mynampudi Sri Satyakumar	M. Sri Satyakumar
35	22B91A4736	Mamatha Nare	M. Mamatha
36	22B91A4737	P. Rakshitha	P. Rakshitha
37	22B91A4738	Penna Chirudeep	P. Chirudeep
38	22B91A4739	Rebba Naveen Kumar	R. Naveen Kumar
39	22B91A4740	Rekadi Venkata Krishna Madhavi	R. V. K. Madhavi
40	22B91A4741	Sampathirao Harshavardhan	S. Harsha Vardhan

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**2<sup>nd</sup> & 3<sup>rd</sup> FEB 2024**

**03/02/2024 Day-2 Signature Sheet**

**(09:00AM to 12:00PM)**

S. No	REGD NO/ PF NO	Name of the Student	Signature
41	22B91A4742	Sanneboina Venkata Supraja	S. Venkata Supraja
42	22B91A4743	Sannidhi Bhavana Lakshmi	S. Bhavana
43	22B91A4744	Shaik Fahid Mohammed Minhaz	S.F.M. Minhaz
44	22B91A4745	Shaik Grace Sana Johny	← ABSENT →
45	22B91A4746	Liziana Shaik	Lk. Liziana
46	22B91A4747	Shaik Rafi	Shaik. H. Rafi
47	22B91A4748	Sunkara Jahnvi	← ABSENT →
48	22B91A4749	Tadi Deepika	T. Deepika
49	22B91A4750	Tatikonda Venkata Hyathieswar	T. Yathieswar
50	22B91A4751	Tavva Sameera	T. Sameera
51	22B91A4752	Thirumalla Sai Naga Manikanta	T. Manikanta
52	22B91A4753	Vennapusala Pravallika	V. Pravallika
53	22B91A4754	Yadlapalli Pravallika Surya Durga	Y. Pravallika
54	23B95A4702	Chebrolu. Kalyani	Ch. Kalyani
55	23B95A4703	Chebrolu Mahalakshmi	Ch. Mahalakshmi
56	23B95A4705	Devarakonda Pavan Kalyan	D. Pavan Kalyan
57	23B95A4706	Kadavala Vamsi	K. Vamsi
58	23B95A4707	Kesa Sri Lakshmi Katuri	K. Kesa Sri Lakshmi
59	23B95A4708	Ketha Anand Kumar	K. Anand Kumar
60	23B95A4709	Sasi Chakra Kumari	← ABSENT →
61	23B95A4710	Kotipalli Sai Satya Srinivas	K. Saisatya Srinivas
62	23B95A4711	Nidadavolu Vedavyas	N. Vedavyas
63	23B95A4712	Sureddy B D S N Rishi	S. Rishi
64	23B95A4713	Thandu. Leela Kavyanjali	T. Leela Kavyanjali
65	23B95A4714	Yerramsetti Teja Naga Satya Sai Ganesh	Y. T. N. S. Saiganesh
66	0376	Dr. Gadiraju Mahesh	G. Mahesh
67	0499	Dr. K Aruna Kumari	← ABSENT →
68	1155	Dr. D N S B Kavitha	← ABSENT →
69	1100	Smt. A Neelima	← ABSENT →

*D. Ravi Babu*

Resource Person  
**D. Ravi Babu**  
 Asst. Prof, CSE

*S. Suryanarayana Raju*

Coordinator  
**S. SURYANARAYANA RAJU**  
 Asst. Prof, CSE

*Ch. Raghuram*

Resource Person  
**Ch. Raghuram**  
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*Dr. K. V. Krishnam Raju*

Convener  
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**2<sup>nd</sup> & 3<sup>rd</sup> FEB 2024**

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**(01:30PM to 05:00PM)**

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2	22B91A4702	Alluri Naga Sai Rama Krishnam Raju	A.N.S.R.K.Raju
3	22B91A4703	Anaparthi Lokesh	A. Lokesh
4	22B91A4704	Arjila Kasi	Arjila
5	22B91A4705	Baddi Kesava Hari Naga Chandra Murthy	B. Kesava
6	22B91A4706	B.Sathwika	B. Sathwika
7	22B91A4707	Barri Venkat Sai Vidhya Sagar	B.V.Sai Vidhya Sagar
8	22B91A4708	Bonala Praveen Raj Mohan	B. Praveen Raj Mohan
9	22B91A4709	Chandu Chandra Sekhar	Ch. Chandrasekhar
10	22B91A4710	Chennu Vayunandana Sai Sitaram	Ch.V.S.Sitaram
11	22B91A4711	Chokka Alex	Ch. Alex
12	22B91A4712	D.Srinitya	D. Srinitya
13	22B91A4713	Dande Avinash Kiran Kumar	D. Kiran Kumar
14	22B91A4714	Dandu Sahrudaya	← ABSENT →
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16	22B91A4716	Dulam Manikanta Sai	D. Manikanta Sai
17	22B91A4717	Bharani Eda	← ABSENT →
18	22B91A4718	E Raj Brinard	E. R Brinard
19	22B91A4719	Gandiboina Yashwanth	G. YASHWANTH
20	22B91A4720	Hanitha Rajeswari Ganiseti	G. Hanitha Rajeswari
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22	22B91A4722	Bala Sai Teja Jaddu	J. Bala Sai Teja
23	22B91A4723	Janipella Jaswanth Setti	J. Jaswanth setti
24	22B91A4724	Kakara. Jyothi	← ABSENT →
25	22B91A4725	K V V Srvanath Babu	K. Srvanath Babu
26	22B91A4726	Karra Gavin Praneeth	K. Gavin praneeth.
27	22B91A4727	Salman Raju Katikala	K. Salman Raju
28	22B91A4728	Koppireddy Pavan Venkata Sairam	K.P.V. Sairam
29	22B91A4730	M.Hemanth Bhargav	M. hemanth
30	22B91A4731	Meenugu Hani Satwik	M. Hani Satwik
31	22B91A4732	Melam Siva Sai	M. Siva Sai
32	22B91A4733	Adithya Merugumalla	M. Adithya
33	22B91A4734	M Prem Kishore	M. Prem
34	22B91A4735	Mynampudi Sri Satyakumar	M. Sri Satyakumar
35	22B91A4736	Mamatha Nare	N. Mamatha
36	22B91A4737	P. Rakshitha	P. Rakshitha
37	22B91A4738	Penna Chirudeep	P. Chirudeep
38	22B91A4739	Rebba Naveen Kumar	R. Naveen Kumar
39	22B91A4740	Rekadi Venkata Krishna Madhavi	R.V.K. Madhavi
40	22B91A4741	Sampathirao Harshavardhan	S. Harsha vardhan

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**A Two-Day Hands-on Workshop on INTERNET OF THINGS(IoT)**

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56	23B95A4705	Devarakonda Pavan Kalyan	D. Pavan Kalyan
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63	23B95A4712	Sureddy B D S N Rishi	S. Rishi
64	23B95A4713	Thandu. Leela Kavyanjali	T. Leela Kavyanjali
65	23B95A4714	Yerramsetti Teja Naga Satya Sai Ganesh	Y. T. N. S. Sai Ganesh
66	0376	Dr. Gadiraju Mahesh	← ABSENT →
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68	1155	Dr. D N S B Kavitha	← ABSENT →
69	1100	Smt. A Neelima	← ABSENT →

**Resource Person**  
**D. Ravi Babu**  
 Asst. Prof, CSE

Resource Person  
**Ch. Raghuram**  
 Asst. Prof, CSE

Coordinator  
**S. SURYANARAYANA RAJU**  
 Asst. Prof, CSE

Convener  
**Dr. K. V. KRISHNAM RAJU**  
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 Coordinator for CIC.

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CIC)**  
**A HANDS-ON WORKSHOP**  
**ON**  
**INTERNET OF THINGS (IOT)**

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (A)**

(AFFILIATED TO JNTUK, Kakinada & Recognized by A.I.C.T.E. Govt. of India)

(Accredited by N.B.A., A.I.C.T.E., New Delhi)

China Amiram, **BHIMAVARAM**, W.G. Dist., A.P., INDIA:Pin: 534204

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Dr. K. V. Krishnam Raju**  
B. Tech (CSE), M. Tech (CSE), Ph. D (CSE)  
Member of ACM  
**Professor**  
AICTE-PARAKH- NODAL OFFICER  
Program Coordinator-B. Tech-CSE (CIC)



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Phone: +91-9948771117  
Email: kvkrajus@srkrec.ac.in

Dt: 02-02-2024

All current 2/4 CSE (CIC) students presented in IOT workshop from 9.00 AM to 12.00 Noon.

Except 22B91A4714 & 22B91A4721.

*K v k* *Low*  
*02/02/2024*  
(Dr.K.V.Krishnam Raju)  
**Dr. K.V. KRISHNAM RAJU**  
Programme Coordinator  
B.Tech. CIC  
Department of CSE  
S.R.K.R. Engineering College (A)  
BHIMAVARAM-534 204, A.P., INDIA.

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)**  
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Member of ACM

**Professor**

AICTE-PARAKH- NODAL OFFICER

Program Coordinator-B. Tech-CSE (CIC)



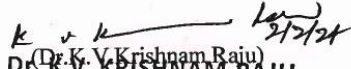
Dept: +91-8816-223332, EXT.213

Phone: +91-9948771117

Email: kvkraju@srkrec.ac.in

Dt: 02-02-2024

All current 2/4 CSE (CIC) students presented in IOT workshop afternoon session from 1.30 PM to 4.30 PM. Except 22B91A4714, 22B91A4721, 22B91A4729, 23B95A4701 & 23B95A4704.

  
Dr. K. V. Krishnam Raju  
Programme Coordinator  
B.Tech. CIC  
Department of CSE  
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Member of ACM

**Professor**

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Phone: +91-9948771117

Email: kvkraju@srkrec.ac.in

Dt: 03-02-2024

All current 2/4 CSE (CIC) students are presented in IOT workshop morning session on  
03-02-2024 from 9.00 AM to 12.00 Noon. Except.22B91A4714, 22B91A4717, 22B91A4721,  
22B91A4724, 22B91A4729, 22B91A4745, 22B91A4748, 23B95A4701 & 23B91A4704.

  
(Dr.K.V.Krishnam Raju)  
**Dr. K.V. KRISHNAM RAJU**  
Programme Coordinator  
B.Tech. CIC

Department of CSE  
S.R.K.R. Engineering College (A)  
BHIMAVARAM-534 204, A.P., INDIA.

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CIC)**  
**A HANDS-ON WORKSHOP**  
**ON**  
**INTERNET OF THINGS (IOT)**

**ANNEXURE-III**

**Sample Certificates**

Certificate no:6



**SRKR ENGINEERING COLLEGE(A)**  
SRKR MARG, CHINNA AMIRAM, BHIMAVARAM, W.G.Dt., A.P., INDIA-534204  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(CIC)**

**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms.**B.Sathwik**with Registration no:**22B91A4706** has participated in a two day hands-on workshop on **INTERNET OF THINGS (IoT)** held on **2nd & 3rd February 2024**, organized by Department of Computer Science & Engineering under Internet of Things and Cyber security including Blockchain Technology(CIC) program, SRKR Engineering College(A), Bhimavaram.

  
Mr. S. Suryanarayana Raju  
**Coordinator**

  
Dr. K. V. Krishnam Raju  
**Convenor**

  
Dr. K. V. Murali Krishnam Raju  
**Principal**

Certificate no:20




**SRKR ENGINEERING COLLEGE(A)**  
SRKR MARG, CHINNA AMIRAM, BHIMAVARAM, W.G.Dt., A.P., INDIA-534204  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(CIC)**

**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms.**Bala Sai Teja Jaddu**with Registration no:**22B91A4722** has participated in a two day hands-on workshop on **INTERNET OF THINGS (IoT)** held on **2nd & 3rd February 2024**, organized by Department of Computer Science & Engineering under Internet of Things and Cyber security including Blockchain Technology(CIC) program, SRKR Engineering College(A), Bhimavaram.

  
Mr. S. Suryanarayana Raju  
**Coordinator**

  
Dr. K. V. Krishnam Raju  
**Convenor**

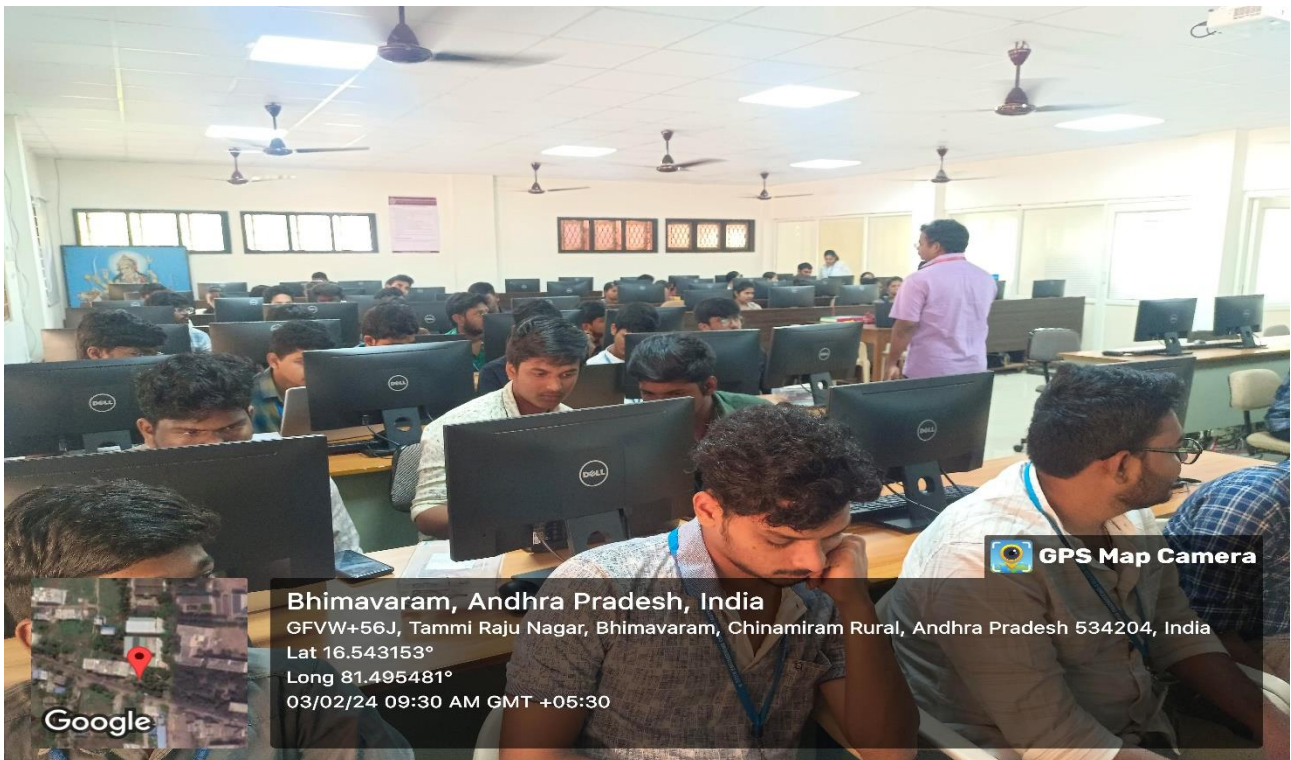
  
Dr. K. V. Murali Krishnam Raju  
**Principal**

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CIC)**  
**A HANDS-ON WORKSHOP**  
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**INTERNET OF THINGS (IOT)**

**Sample Photos**



**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)**  
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**INTERNET OF THINGS (IOT)**



**Chinamiram Rural, Andhra Pradesh, India**  
C Block, Tammi Raju Nagar, Chinamiram Rural, Bhimavaram, Andhra Pradesh 534204, India  
Lat 16.543263°  
Long 81.495691°  
03/02/24 04:18 PM GMT +05:30



**Chinamiram Rural, Andhra Pradesh, India**  
C Block, Tammi Raju Nagar, Chinamiram Rural, Bhimavaram, Andhra Pradesh 534204, India  
Lat 16.543295°  
Long 81.495686°  
03/02/24 04:12 PM GMT +05:30

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)  
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**ANNEXURE-IV**

**Multiple Choice Questions**

**SRKR ENGINEERING COLLEGE(A)**  
**A Two Day Hands-on Workshop**  
**on**  
**Internet of Things (IoT)**

**IoT Workshop Quiz**

iotworkshop2024@gmail.com [Switch account](#)

\* Indicates required question

**Multiple Choice Questions**

Answer all questions

Which of the following is not an actuator in IoT? \* 1 point

- a) Stepper motor
- b) A fan
- c) An LED
- d) Arduino

Which of the following protocol is used to link all the devices in the IoT? \* 1 point

- a) MQTT

URL: <https://forms.gle/UHTAWHcpxfqmgB8TA>

**SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CIC)  
A HANDS-ON WORKSHOP  
ON  
INTERNET OF THINGS (IOT)**

**Feedback**

How satisfied were you with the event? \*

OK      1      2      3      4      5      Very much

How relevant and helpful do you think it was for you? \*

Not very      1      2      3      4      5      Very much

What were your key takeaways from this event? (What do you learn) \*

Your answer \_\_\_\_\_

Which session do you like most and why? \*

Your answer \_\_\_\_\_

Overall feedback for the Workshop? \*

1      2      3      4      5

Url: <https://forms.gle/e1JAidaAtcJBaWGx9>

# SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE(A)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CIC)

### A HANDS-ON WORKSHOP

### ON

### INTERNET OF THINGS (IOT)

IOT Workshop Feedback (Responses) ☆ 📄 🗑️

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Timestamp	Email Address	How satisfied were you with the workshop?	How relevant and helpful was the content?	What were your key takeaways?	Which session do you like the most?	Overall feedback for the workshop?	How interactive and helpful were the Faculty during the workshop?
2/3/2024 15:12:15	adithya221181109@gmail.com	5	5	Data reading and writing	2nd day-Morning session	5	Very Much
2/3/2024 15:13:01	yashwanthgandiboina@gmail.com	4	4	How to apply iot	On and of led using wifi	4	Good
2/3/2024 15:13:05	premkishore2005@gmail.com	4	4	I have learned so much	Program session	5	Good
2/3/2024 15:13:10	raf1191812@gmail.com	4	4	Basic knowledge of sens	Day-01 session.	4	Very interactive and helpful
2/3/2024 15:13:34	alexchokka1299@gmail.com	4	4	To know the execution of	Execution part	4	They are friendly and we are very free to ask questions
2/3/2024 15:14:08	kesavamurthy24@gmail.com	3	4	Learned about iot	Morning	3	Good
2/3/2024 15:14:09	tatikondayathieswar@gmail.com	5	5	App developing	Explaining	5	Yes
2/3/2024 15:14:20	ricky.gavin.2525@gmail.com	4	4	App development and us	App development	4	Very helpful and interactive
2/3/2024 15:14:47	lalahmadshai0@gmail.com	5	5	Application of iot	Today's session	5	Very interactive
2/3/2024 15:15:11	vamsikadava1@gmail.com	4	4	I learned a new technolo	Designing Bluetooth con	4	Very interactive and helpful
2/3/2024 15:15:24	allurisai70@gmail.com	5	5	How to interface with elec	All	5	Excellent
2/3/2024 15:15:42	sitarachennu366@gmail.com	5	5	I learned how to interface	Making Wireless connect	5	Very nice
2/3/2024 15:15:43	kesasriakshamikaturis@gmail.com	5	5	I have learnt about how to	How to on and off Bluetoi	5	They are more interacted and helpful during the fulltime of wor
2/3/2024 15:16:33	kotipalliscube@gmail.com	5	5	Too develop the app	Wifi	5	Good
2/3/2024 15:16:41	sameerareddyjavva@gmail.com	4	5	Importance applications	Doing with wifi application	5	Good
2/3/2024 15:16:43	sekhart123chandrach@gmail.com	4	4	Learned about iot compo	Learning how to code bei	4	Nice
2/3/2024 15:16:53	manikantathinimala342@gmail.com	5	5	how to connect the applic	partical session because	5	interactive is very good
2/3/2024 15:17:23	sunkarajahnavi2324@gmail.com	4	4	I learnt about basics and	I liked the part where we	4	They had given their best performance
2/3/2024 15:17:32	m.srisathyakumar@gmail.com	5	5	creating application conn	programming to micropro	5	very interactive
2/3/2024 15:17:33	sampathiraoaharshavardhan987@gmail.com	4	4	About IOT and Thingspar	Thingspace	4	Very friendly
2/3/2024 15:17:35	bhavanasannidhi1@gmail.com	4	5	application of iot	working with leds	5	super
2/3/2024 15:17:44	leelakavyanjali@gmail.com	5	5	how to develop internal c	morning sessions becaus	5	very helpful
2/3/2024 15:18:19	pavan97980@gmail.com	4	4	To develop the app	Light session	4	Nice
2/3/2024 15:18:22	bsvpsathwika@gmail.com	5	5	I learnt to use MIT app inv	I liked the practical session	5	They were interactive and helped us a lot in dealing with our d
2/3/2024 15:18:22	sureddyirishi22@gmail.com	5	5	Creating application conn	Design to app	5	Very interactive
2/3/2024 15:18:24	tejayeramssetti931@gmail.com	5	5	Creating applications cor	Programming	5	Very interactive
2/3/2024 15:18:28	maha17052005@gmail.com	4	5	Partical action of implem	All	4	Very nice and helpful.satisfied.
2/3/2024 15:18:28	naveen20181189@gmail.com	5	5	I learn how does the lot s	Coding and practical sesi	5	Faculty were very interactive and helpful in doubt clarification
2/3/2024 15:18:41	arjilakasi1820125@gmail.com	4	4	Collecting data from the	Evening	4	Good

Form Responses 1