



ACE
Engineering College
An AUTONOMOUS Institution



Ghatkesar, Medchal (Dist), Hyderabad, Telangana State – 501 301

(NBA Accredited B.Tech Courses Accredited NAAC with A Grade 3.20 CGPA)

Phone: 9133308533, 468, website: www.aceec.ac.in

DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Report

On

2-Day Workshop on IoT with Arduino and ESP32

Dates: 10th and 11th October 2025



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Introduction to the Workshop

The two-day workshop conducted on **10th and 11th October 2025** was designed to provide participants with a comprehensive understanding of **Open Hardware Development, Arduino Programming, and Internet of Things (IoT)** using ESP32. The workshop aimed to bridge the gap between theoretical knowledge and practical implementation by offering hands-on sessions on real-time embedded systems and IoT applications.

On **Day 1**, participants were introduced to the **fundamentals of open hardware**, focusing on **Arduino architecture, installation, and IDE setup**. Sessions covered **analog and digital sensors, serial communication**, and essential programming constructs. Practical activities included **LED blinking, automatic traffic light control, temperature monitoring, and intruder alert systems**, allowing participants to gain direct experience in sensor integration and hardware interfacing.

Day 2 focused on **ESP32 microcontroller and IoT concepts**, introducing participants to **wireless communication, IoT protocols, and cloud integration**. Hands-on exercises involved **Wi-Fi configuration (Access Point and Client-Server setup), BLE communication**, and **cloud dashboard creation** for home automation tasks. Through these sessions, attendees learned to build and control smart devices that can interact with the cloud and mobile platforms.

The workshop effectively blended theory with practice, encouraging participants to design innovative IoT-based solutions. It offered valuable

insights into **sensor networks, communication protocols, and real-world IoT applications**, preparing attendees to pursue further development in embedded systems and cloud-connected devices.

Workshop Objectives

- To introduce participants to **Open Hardware concepts** and provide foundational knowledge on embedded systems.
- To develop participants' skills in **Arduino programming and sensor interfacing**, including practical setup and usage of the Arduino IDE.
- To enable hands-on experience with **analog and digital sensors, LED operations**, and basic hardware-controlled projects such as traffic light and room temperature monitoring.
- To build proficiency in **serial communication, I2C protocol**, and integrating external displays and devices with Arduino.
- To foster an understanding of the **ESP32 microcontroller** for IoT applications, including setup, configuration, and troubleshooting.
- To provide practical training in **Wi-Fi and BLE integration**, allowing participants to create access points, handle client-server communication, and interact with multiple connected devices.
- To introduce participants to **cloud platforms and dashboards**, empowering them to build real-world IoT solutions such as smart home automation with cloud connectivity and mobile interactions.

These objectives are designed to equip B. Tech II and III CSM students with the technical and practical skills needed to innovate and succeed in modern IoT and embedded system domains.

Approval Letter

Date: 09-09-2025

To

The principal,
ACE Engineering College,
Ghatkesar.

Subject: Request for approval to organize **2-Day workshop on IoT with Arduino and ESP32** in association with Commons Collective on 26th and 27th Sep 2025.

I kindly request your permission to conduct a two-day workshop for the III Year CSM students on 26th and 27th September 2025. The objective of this workshop is to enhance the technical and practical knowledge of the students by providing hands-on sessions on emerging topics relevant to their curriculum and future career opportunities.

The proposed workshop will include interactive technical sessions, practical demonstrations, and expert lectures aimed at bridging the gap between academic learning and industry requirements. We believe that this initiative will greatly benefit the students in gaining deeper insights and improving their skill sets.

We therefore request your kind approval to organize this workshop on the mentioned dates. With your permission, we will make the necessary arrangements for its successful execution.

Thanking you for your consideration.

Yours sincerely,

Dr. S. Kavitha,
Head- CSE(AI&ML)

Approved
Kesha 12/09/25

Poster and Broacher:

Schedule:

Date: 10-10-2025

Morning Session

- Introduction to Open Hardware
- Introduction to Arduino Installation and IDE setup
- Introduction to Analog and Digital Sensors
- Serial Communication

Hands on:

- basic LED Blink, Fade
- Automatic Traffic Light Control System

Afternoon Session

Hands on:

- Room Temperature with Analog Sensor
- Intruder Alert System
- I2C Communication
- Interfacing Sensors with External Displays and Arduino
- Introduction to SG-90
- Obstacle Detection and Obstacle Range Finder
- Smart Dustbin

Date: 11-10-2025

Morning Session

- Introduction to ESP32 and IoT
- IoT Protocols and Architecture
- Introduction to Boards Manager and Library Manager
- Drivers Setup and Troubleshooting

Hands on:

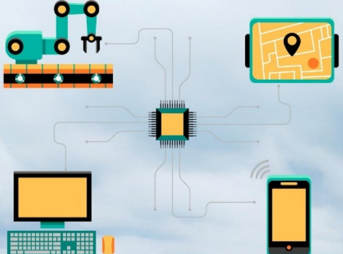
- Exploring ESP32 Built in Features
- Wi-fi Access Point
- Wi-fi Client-server

Afternoon Session

Hands On:

- Introduction to Cloud & Cloud Agents
- Introduction to Electro Mechanical Switches
- Introduction to BLE
- Interfacing Multiple Devices with BLE
- Cloud Setup & Cloud Environment
- Brokers & Dashboards
- Android Integrated Home Automation with Cloud Connectivity

Scan to Registration



ACE
Engineering College
(Approved by AICTE & Affiliated to JNTUH)

Department of
CSE (Artificial Intelligence and Machine Learning)

2-Day Workshop on
IoT with Arduino and ESP32

Participants:
B.Tech III CSM Students

10th and 11th October 2025

Venue: Block-2 (2407)

CHIEF PATRONS
Prof. Y. V. Gopala Krishna Murthy
(General Secretary)
Mr. Y. V. Raghu Vamsi
(Chief Operating Officer, Office of the General Secretary)

PATRONS
Dr. M. Keshava Reddy
(Principal)
Mrs. Mamatha Rao Pasumarthi
(Director- Administration and Operations Management)
Dr. M. Murali
(Vice Principal)

CONVENOR
Dr. S. Kavitha
(Assoc. Prof, HoD- CSM)

COORDINATOR
Mr. D. Ranjith
(Assistant Professor, Dept of CSM)

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GUJARAT

Department of
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2-Day Workshop on
IoT with Arduino and ESP32

Participants:
B.Tech CSM Students

10th and 11th October 2025

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Dr. M. Murali
(Vice Principal)

CONVENOR
Dr. S. Kavitha
(Assoc. Prof, HoD- CSM)

COORDINATOR
Mr. D. Ranjith
(Assistant Professor, Dept of CSM)

Schedule:

Date	Morning Session	Afternoon Session
10-10-2025	• Introduction to Open Hardware • Introduction to Arduino Installation and IDE setup • Introduction to Analog and Digital Sensors • Serial Communication Hands on: • basic LED Blink, Fade • Automatic Traffic Light Control System	Hands-on: • Room Temperature with Analog Sensor • Intruder Alert System • I2C Communication • Interfacing Sensors with External Displays and Arduino • Introduction to SG-90 • Obstacle Detection and Obstacle Range Finder • Smart Dustbin
11-10-2025	• Introduction to ESP32 and IoT • IoT Protocols and Architecture • Introduction to Boards Manager and Library Manager • Drivers Setup and Troubleshooting Hands on: • Exploring ESP32 Built in Features • Wi-fi Access Point • Wi-fi Client-server	Hands On: • Introduction to Cloud & Cloud Agents • Introduction to Electro Mechanical Switches • Introduction to BLE • Interfacing Multiple Devices with BLE • Cloud Setup & Cloud Environment • Brokers & Dashboards • Android Integrated Home Automation with Cloud Connectivity

Resource Persons:

1.Abhinav Munigala.

Designation: Learning and Data Operations Associate (STEM)

Organization / Firm Name: Orbit Learning private Limited

Key Expertise: Embedded Systems, Cloud, Internet of Things

Experience: 3+ Years

Abhinav Munigala is a Learning and Data Operations Associate (STEM) at Orbit Learning Private Limited with over three years of experience in technology-driven education. He holds a B. Tech in Electrical and Electronics Engineering and an MBA, blending technical expertise with strategic insight.

Specializing in Embedded Systems, Cloud Computing, and IoT, Abhinav is skilled in content delivery, hands-on training, and Makerspace facilitation. Passionate about experiential learning, he empowers students to transform theoretical concepts into real-world innovations through practical, project-based STEM education.

2.Billa Rakesh Teja

Firm Name: Orbit Learning Private Limited

Designation: Intern (R&D Embedded Systems)

3.Pratheen

Firm Name: Orbit Learning Private Limited

Designation: Intern (R&D Embedded Systems)

4.Sai Krishna

Firm Name: Orbit Learning Private Limited

Designation: Intern (R&D Embedded Systems)

Key Personnel:

- **Chief Patrons:**

- Prof. Y. V. Gopala Krishna Murthy – General Secretary
- Mr. Y. V. Raghu Vamsi – Chief Operating Officer

- **Patrons:**

- Dr. M. Keshava Reddy – Principal
- Mrs. Mamatha Rao Pasumarthi – Director (Administrations and Operations Management)
- Dr. M. Murali – Vice Principal

- **Convenor:**

- Dr. S. Kavitha – HoD, CSE (AI & ML)

- **Coordinator:**

- Mr. D. Ranjith – Assistant Professor, CSE (AI & ML)

Participants List:

S.No	Name of the student	Hallticket Number	Branch	Studying Year	Section
1	D.Sai Charan Reddy	24AG1A66E4	CSM	B Tech II Year	C
2	Tanishqa Mediseti	24AG1A66H0	CSM	B Tech II Year	C
3	Tharun	23AG1A66D4	CSM	B Tech III Year	C
4	K.Aravind Kumar	23AG1A6692	CSM	B Tech III Year	B
5	Sabovat santosh kumar	23AG1A66B6	CSM	B Tech III Year	B
6	K.S.L.Manasa	24AG1A6630	CSM	B Tech II Year	A
7	Sai Teja Pinumalla	24AG5A6614	CSM	B Tech III Year	C
8	Ujjiyeni	25AG5A6601	CSM	B Tech II Year	A
9	D. Sai sahasra	24AG1A66E9	CSM	B Tech II Year	C
10	T.RITHVIKESH GOUD	25AG5A6614	CSM	B Tech II Year	B
11	L. Supriya	23AG1A6694	CSM	B Tech III Year	B
12	Anna.Harish	23ag1a6603	CSM	B Tech III Year	A
13	U.Edukondalu	23ag1a66i8	CSM	B Tech III Year	C
14	Pannala Akash Reddy	22AG1A6646	CSM	B Tech III Year	A
15	Akshitha	23ag1a66a6	CSM	B Tech III Year	B
16	G.Ram teja	23AG1A66E6	CSM	B Tech III Year	C
17	G Akshay Kumar	23AG1A6680	CSM	B Tech III Year	B
18	S.lakshmi.Chaturyq	24AG1A6659	CSM	B Tech II Year	A
19	M.Anvitha	24AG1A66H5	CSM	B Tech II Year	C
20	Samhika Puli	24AG1A6655	CSM	B Tech II Year	A
21	Sriram Sai Karthik	23AG1A66I2	CSM	B Tech III Year	C
22	U. Rahul	23AG1A66I7	CSM	B Tech III Year	C
23	B Hariprasad	23AG1A6672	CSM	B Tech III Year	B
24	Mahesh	23AG1A6679	CSM	B Tech III Year	B
25	Yagnavi Rajula	23AG1A66B3	CSM	B Tech III Year	B
26	Kommaraju Vaibhav Varshith	23AG1A6632	CSM	B Tech III Year	A
27	B.Samhith	24AG1A66I2	CSM	B Tech II Year	C

28	L.varun	23AG1A6695	CSM	B Tech III Year	B
29	T.S.Sree Janavi	23AG1A6659	CSM	B Tech III Year	A
30	B.Narayana	23AG1A66E0	CSM	B Tech III Year	C
31	P.Navya Sree	23AG1A66A7	CSM	B Tech III Year	B
32	G. Hemanth	24AG1A6624	CSM	B Tech II Year	A
33	G. Pranitha	24AG1A6622	CSM	B Tech II Year	A
34	Bhavitha vupperpally	23ag1a66j1	CSM	B Tech III Year	C
35	Srikara Karthikeya	23AG1A66C1	CSM	B Tech III Year	B
36	Mallamolu Anil Goud	23AG1A6697	CSM	B Tech III Year	B
37	Banne Anand	23AG16609	CSM	B Tech III Year	A
38	Srishylam Bandi	23AG1A66I3	CSM	B Tech III Year	C
39	Uppala Amrutha	23AG1A66C6	CSM	B Tech III Year	B
40	M.pavani	23AG1A66G2	CSM	B Tech III Year	C
41	B.Srujana	23AG1A6673	CSM	B Tech III Year	B
42	Ranjith Reddavena	23AG1A66I0	CSM	B Tech III Year	C
43	G Praharika Reddy	23AG1A66E7	CSM	B Tech III Year	C
44	M.Ganesh	23AG1A6699	CSM	B Tech III Year	B
45	Janaki raam	24AG1A6623	CSM	B Tech II Year	A
46	K.Harika	23AG1A66F8	CSM	B Tech III Year	C
47	B .Bheemla	23ag1a6670	CSM	B Tech III Year	B
48	P. Ashwin Goud	23AG1A66B1	CSM	B Tech III Year	B
49	S.Prasanna Laxmi	23AG1A6654	CSM	B Tech III Year	A
50	Deekshitha Ratna	24AG5A6616	CSM	B Tech III Year	C
51	D.Harika	24AG1A6617	CSM	B Tech II Year	A
52	Poloju Nivedhika	23AG1A66B0	CSM	B Tech III Year	B
53	D.Someshwar	23AG1A6617	CSM	B Tech III Year	A
54	Sindhuja	24AG5A6606	CSM	B Tech III Year	A
55	Thanuja Inturi	23AG1A6625	CSM	B Tech III Year	A
56	M. Srija Reddy	23AG1A6639	CSM	B Tech III Year	A
57	Saddi Laxman Reddy	24AG5A6617	CSM	B Tech III	C

				Year	
58	A.Manasa	23AG1A6665	CSM	B Tech III Year	B
59	Akshaya Chandragiri	23AG1A6674	CSM	B Tech III Year	B
60	RANGU VARSHINI	23AG1A66H9	CSM	B Tech III Year	C
61	Aditya Ram Dandotkar	23AG1A6675	CSM	B Tech III Year	B
62	Dhurbhakula Pravallika	23AG1A6678	CSM	B Tech III Year	B
63	Makthala Hansika	24AG1A6642	CSM	B Tech II Year	A
64	S akshay	23AG1A66C2	CSM	B Tech III Year	B
65	K.Rajender	24AG5A6607	CSM	B Tech III Year	B
66	M Sree Varnitha	23AG1A6640	CSM	B Tech III Year	A
67	Lakavath bhavana	23ag1a66g0	CSM	B Tech III Year	C
68	SHASHI VARDHAN KANAKAM	24AG5A6609	CSM	B Tech III Year	B
69	Bainla Pavani	23AG1A6668	CSM	B Tech III Year	B
70	P.Sai Sruthi	23AG1A66G7	CSM	B Tech III Year	C
71	K.Shravya Sree	24AG1A6660	CSM	B Tech II Year	A
72	G.Yashwanth sai	24AG1A6626	CSM	B Tech II Year	A
73	D. PriyaDarshini	24AG1A6620	CSM	B Tech II Year	A
74	S Manaswini	24AG1A6657	CSM	B Tech II Year	A
75	M Jyothi	25AG5A6605	CSM	B Tech II Year	A

Attendance Sheet:



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2-Day Workshop on IoT with Arduino and ESP32



Attendance Sheet						10-10-2025		11-10-2025	
S.No	Hall Ticket Number	Name of the Student	Branch	Year	Section	FN	AN	FN	AN
1	23AGIA6671	V. Bhavitha	CSM	III	C	Blasith	Blasith	Blasith	Blasith
2	23AGIA6672	G. Prabhakar Reddy	CSM	III	C	Prab	Prab	Prab	Prab
3	23AGIA6673	S. Pragnan Lakshmi	CSM	III	A	Prag	Prag	Prag	Prag
4	23AGIA6674	T. S. Shree Janavi	CSM	III	A	Jan	Jan	Jan	Jan
5	23AGIA6675	L. Bhavani	CSM	III	C	Bhavani	Bhavani	Bhavani	Bhavani
6	23AGIA6676	M. Srija Reddy	CSM	III	A	Srija	Srija	Srija	Srija
7	23AGIA6677	M. Srija Varunitha	CSM	III	A	Srija	Srija	Srija	Srija
8	23AGIA6678	R. Varshini	CSM	III	C	Varshini	Varshini	Varshini	Varshini
9	23AGIA6679	P. Sai Sruthi	CSM	III	C	Sai	Sai	Sai	Sai
10	23AGIA6680	K. Harika	CSM	III	C	Harika	Harika	Harika	Harika
11	24AGIA6681	M. Harika	CSM	III	A	Harika	Harika	Harika	Harika
12	24AGIA6682	D. Harika	CSM	III	A	Harika	Harika	Harika	Harika
13	25AGIA6683	B. Ujjayanti UJJAYANTI	CSM	III	A	Ujjayanti	Ujjayanti	Ujjayanti	Ujjayanti
14	24AGIA6684	D. Sai Sahasra	CSM	III	C	Sai	Sai	Sai	Sai
15	24AGIA6685	M. Arvitha	CSM	III	C	Arvitha	Arvitha	Arvitha	Arvitha
16	24AGIA6686	M. Tanishka Bhargavi	CSM	III	C	Tanishka	Tanishka	Tanishka	Tanishka
17	23AGIA6687	K. Vaibhav Varunitha	CSM	III	A	Vaibhav	Vaibhav	Vaibhav	Vaibhav
18	23AGIA6688	T. Harika	CSM	III	A	Harika	Harika	Harika	Harika
19	24AGIA6689	D. Sriharika	CSM	III	A	Sriharika	Sriharika	Sriharika	Sriharika
20	23AGIA6690	P. Akash	CSM	III	A	Akash	Akash	Akash	Akash
21	23AGIA6691	V. Deep Shith	CSM	III	A	Deep	Deep	Deep	Deep
22	23AGIA6692	D. Someshwar	CSM	III	A	Someshwar	Someshwar	Someshwar	Someshwar
23	23AGIA6693	G. Saicharan	CSM	III	A	Saicharan	Saicharan	Saicharan	Saicharan
24	23AGIA6694	B. Anand	CSM	III	A	Anand	Anand	Anand	Anand
25	23AGIA6695	Y. Rohith	CSM	III	A	Rohith	Rohith	Rohith	Rohith
26	23AGIA6696	M. Akshayth Sai	CSM	III	C	Akshayth	Akshayth	Akshayth	Akshayth
27	23AGIA6697	V. Edukondala	CSM	III	C	Edukondala	Edukondala	Edukondala	Edukondala
28	23AGIA6698	R. Ranjith	CSM	III	C	Ranjith	Ranjith	Ranjith	Ranjith
29	23AGIA6699	R. RANJITH	CSM	III	C	Ranjith	Ranjith	Ranjith	Ranjith

S.No	Hall Ticket Number	Name of the Student	Branch	Year	Section	FN	AN	FN	AN
30	23AGIA66E6	G. Ram Raja	CSM	III	C	Ram Raja	Ram Raja	Ram Raja	Ram Raja
31	23AGIA66E3	B. Srishyam	CSM	III	C	B. Srishyam	B. Srishyam	B. Srishyam	B. Srishyam
32	23AGIA66C0	S.V. Jeshwanth	CSM	III	B	S.V. Jeshwanth	S.V. Jeshwanth	S.V. Jeshwanth	S.V. Jeshwanth
33	23AGIA66R9	K. Purnima Karthika	CSM	III	B	K. Purnima Karthika	K. Purnima Karthika	K. Purnima Karthika	K. Purnima Karthika
34	23AGIA6674	Ch. Akshaya	CSM	III	B	Ch. Akshaya	Ch. Akshaya	Ch. Akshaya	Ch. Akshaya
35	23AGIA6688	K. Sagarika	CSM	III	B	K. Sagarika	K. Sagarika	K. Sagarika	K. Sagarika
36	24AGIA6662	K. Suresh	CSM	II	C	K. Suresh	K. Suresh	K. Suresh	K. Suresh
37	24AGIA6674	D. Sankaran Reddy	CSM	II	C	D. Sankaran Reddy	D. Sankaran Reddy	D. Sankaran Reddy	D. Sankaran Reddy
38	24AGIA66E2	B. Sanketh	CSM	II	C	B. Sanketh	B. Sanketh	B. Sanketh	B. Sanketh
39	23AGIA66B1	P. Ashwin Goud	CSM	III	B	P. Ashwin Goud	P. Ashwin Goud	P. Ashwin Goud	P. Ashwin Goud
40	23AGIA66B2	R. Koushik	CSM	III	B	R. Koushik	R. Koushik	R. Koushik	R. Koushik
41	23AGIA66B5	D. Aditya Ram	CSM	III	B	D. Aditya Ram	D. Aditya Ram	D. Aditya Ram	D. Aditya Ram
42	23AGIA6678	D. Pravalika	CSM	III	B	D. Pravalika	D. Pravalika	D. Pravalika	D. Pravalika
43	23AGIA66C1	Srikosa Karthikya	CSM	III	B	Srikosa Karthikya	Srikosa Karthikya	Srikosa Karthikya	Srikosa Karthikya
44	23AGIA66C2	S. Akshay	CSM	III	B	S. Akshay	S. Akshay	S. Akshay	S. Akshay
45	23AGIA66J7	C. Rakul	CSM	III	C	C. Rakul	C. Rakul	C. Rakul	C. Rakul
46	23AGIA66I2	S. Sai Kothale	CSM	III	C	S. Sai Kothale	S. Sai Kothale	S. Sai Kothale	S. Sai Kothale
47	23AGIA66E0	B. Narayana	CSM	III	C	B. Narayana	B. Narayana	B. Narayana	B. Narayana
48	24AGSA6617	S. Idanith eddy	CSM	III	C	S. Idanith eddy	S. Idanith eddy	S. Idanith eddy	S. Idanith eddy
49	24AGSA6614	P. Saitela	CSM	III	C	P. Saitela	P. Saitela	P. Saitela	P. Saitela
50	24AGSA6608	K. Chasanteja	CSM	III	C	K. Chasanteja	K. Chasanteja	K. Chasanteja	K. Chasanteja
51	23AGIA6692	K. Aravind Kumar	CSM	III	B	K. Aravind Kumar	K. Aravind Kumar	K. Aravind Kumar	K. Aravind Kumar
52	23AGIA6672	R. Vinayak	CSM	III	B	R. Vinayak	R. Vinayak	R. Vinayak	R. Vinayak
53	23AGIA6695	L. Varun Yadav	CSM	III	B	L. Varun Yadav	L. Varun Yadav	L. Varun Yadav	L. Varun Yadav
54	23AGIA6697	M. Anil Kumar Goud	CSM	III	B	M. Anil Kumar Goud	M. Anil Kumar Goud	M. Anil Kumar Goud	M. Anil Kumar Goud
55	24AGIA6622	G. Pranika	CSM	II	A	G. Pranika	G. Pranika	G. Pranika	G. Pranika
56	25AGSA6605	M. Jyothi	CSM	II	A	M. Jyothi	M. Jyothi	M. Jyothi	M. Jyothi
57	24AGIA6623	G. Janaki Ram	CSM	II	A	G. Janaki Ram	G. Janaki Ram	G. Janaki Ram	G. Janaki Ram
58	24AGIA6624	G. Hemant	CSM	II	A	G. Hemant	G. Hemant	G. Hemant	G. Hemant
59	24AGIA6626	G. Yashwanth Sai	CSM	II	A	G. Yashwanth Sai	G. Yashwanth Sai	G. Yashwanth Sai	G. Yashwanth Sai
60	24AGIA6614	T. Rishika	CSM	II	B	T. Rishika	T. Rishika	T. Rishika	T. Rishika
61	25AGSA6603	K. Adish	CSM	II	A	K. Adish	K. Adish	K. Adish	K. Adish
62	25AGSA6606	M. Divya Chandra kumar	CSM	II	A	M. Divya Chandra kumar	M. Divya Chandra kumar	M. Divya Chandra kumar	M. Divya Chandra kumar
63	24AGIA6680	K. S. L. Manasa	CSM	II	A	K. S. L. Manasa	K. S. L. Manasa	K. S. L. Manasa	K. S. L. Manasa
64	24AGIA6685	P. Samika	CSM	II	A	P. Samika	P. Samika	P. Samika	P. Samika
65	24AGIA6659	S. Lakshmi Chaturya	CSM	II	A	S. Lakshmi Chaturya	S. Lakshmi Chaturya	S. Lakshmi Chaturya	S. Lakshmi Chaturya
66	24AGIA6660	K. Shraya Sree	CSM	II	A	K. Shraya Sree	K. Shraya Sree	K. Shraya Sree	K. Shraya Sree
67	24AGIA6613	B. Naga bhargavi	CSM	II	A	B. Naga bhargavi	B. Naga bhargavi	B. Naga bhargavi	B. Naga bhargavi
68	23AGIA66A7	P. Navya Sree	CSM	III	B	P. Navya Sree	P. Navya Sree	P. Navya Sree	P. Navya Sree

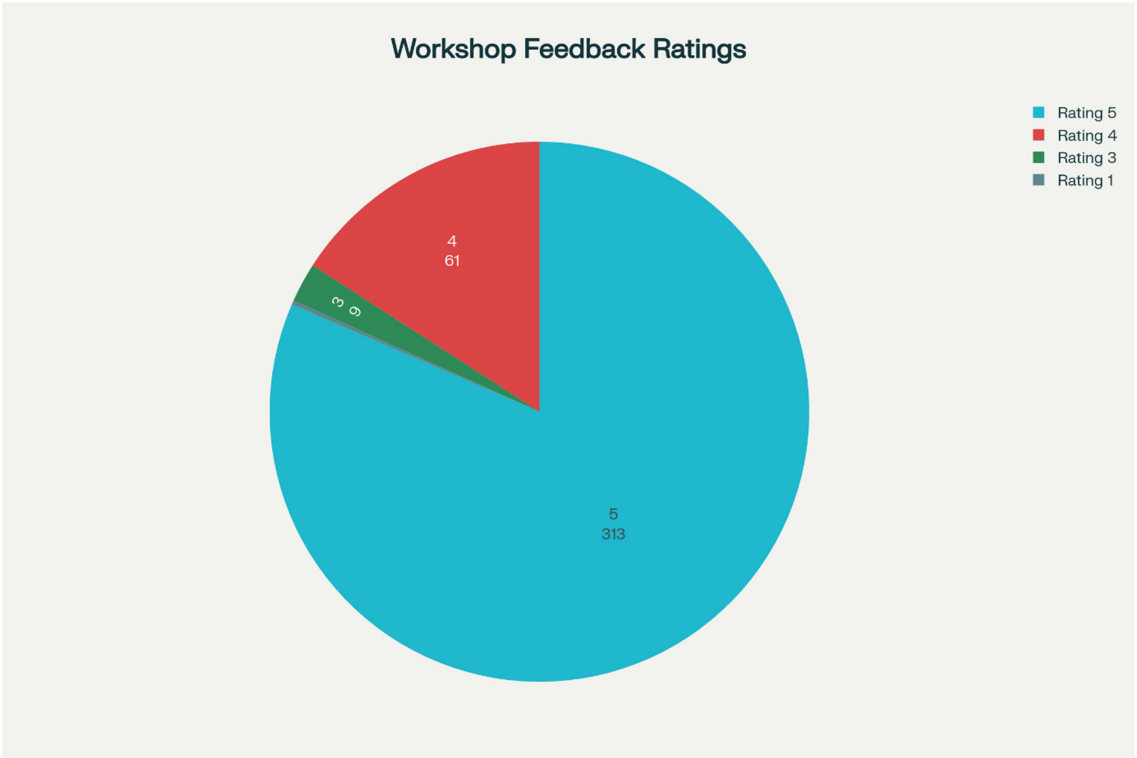
S.No	Hall Ticket Number	Name of the Student	Branch	Year	Section	FN	AN	FN	AN
69	23AGIA6694	L. Supriya	CSM	3	B	Supriya	Supriya	Supriya	Supriya
70	23AGIA6696	Alexhiya	CSM	3	B	Alexhiya	Alexhiya	Alexhiya	Alexhiya
71	23AGIA6698	B. Parvathi	CSM	3	B	B. Parvathi	B. Parvathi	B. Parvathi	B. Parvathi
72	23AGIA6695	A. Manasa	CSM	3	B	A. Manasa	A. Manasa	A. Manasa	A. Manasa
73	23AGIA6696	S. Santosh	CSM	3	B	S. Santosh	S. Santosh	S. Santosh	S. Santosh
74	23AGIA6699	M. Ganesh	CSM	3	B	M. Ganesh	M. Ganesh	M. Ganesh	M. Ganesh
75	24AGSA6607	K. Rajendran	CSM	3	B	K. Rajendran	K. Rajendran	K. Rajendran	K. Rajendran
76	23AGIA6698	P. Shiva Krishna	CSM	3	B	P. Shiva Krishna	P. Shiva Krishna	P. Shiva Krishna	P. Shiva Krishna
77	23AGIA6690	B. Bhaskara	CSM	3	B	B. Bhaskara	B. Bhaskara	B. Bhaskara	B. Bhaskara
78	23AGIA6698	V. Bhageshwari	CSM	3	B	V. Bhageshwari	V. Bhageshwari	V. Bhageshwari	V. Bhageshwari
79	24AGSA6612	M. Thapasya	CSM	3	B	M. Thapasya	M. Thapasya	M. Thapasya	M. Thapasya
80	23AGIA6693	R. Yagnavi	CSM	3	B	R. Yagnavi	R. Yagnavi	R. Yagnavi	R. Yagnavi
81	23AGIA6693	R. Sushama	CSM	3	B	R. Sushama	R. Sushama	R. Sushama	R. Sushama
82	23AGIA6699	E. Mahesh	CSM	3	B	E. Mahesh	E. Mahesh	E. Mahesh	E. Mahesh
83	24AGSA6616	R. Deekshitha	CSM	3	C	R. Deekshitha	R. Deekshitha	R. Deekshitha	R. Deekshitha
84	23AGIA6699	B. Bindu	CSM	3	C	B. Bindu	B. Bindu	B. Bindu	B. Bindu
85	23AGIA6692	M. Parani	CSM	3	C	M. Parani	M. Parani	M. Parani	M. Parani
86	24AGIA6620	D. Priya Dasgupta	CSM	2	A	D. Priya Dasgupta	D. Priya Dasgupta	D. Priya Dasgupta	D. Priya Dasgupta
87	24AGIA6658	S. Manaswini	CSM	3	B	S. Manaswini	S. Manaswini	S. Manaswini	S. Manaswini
88	23AGIA6695	U. Rishikesh	CSM	3	B	U. Rishikesh	U. Rishikesh	U. Rishikesh	U. Rishikesh
89	23AGIA6697	M. Anil Goud	CSM	3	B	M. Anil Goud	M. Anil Goud	M. Anil Goud	M. Anil Goud
90	23AGIA6680	G. Akshay Kumar	CSM	3	B	G. Akshay Kumar	G. Akshay Kumar	G. Akshay Kumar	G. Akshay Kumar

91	23AGIA6609	B. Anand	CSM	III	A	Anand	Anand	Anand	Anand
92	24AGIA6623	G. Jagan Prasad	CSM	III	A	G. Jagan Prasad	G. Jagan Prasad	G. Jagan Prasad	G. Jagan Prasad
93	23AGIA6690	P. Nivedhika	CSM	III	B	Nivedhika	Nivedhika	Nivedhika	Nivedhika
94	23AGIA6696	U. Amutha	CSM	III	B	Amutha	Amutha	Amutha	Amutha
95	24AGSA6609	K. Shashivardhan	CSM	III	B	Shashivardhan	Shashivardhan	Shashivardhan	Shashivardhan
96	23AGIA6603	A. Harish	CSM	III	A	Harish	Harish	Harish	Harish

Certificate Sample:

 ACE Engineering College (Approved by AICTE & Affiliated to JNTU) AN AUTONOMOUS INSTITUTION	     		
(Sponsored by Yadala Satyanarayana Memorial Educational Society, Hyderabad) # Ankushapur (V), Ghatkesar (M), Medchal-Malkajgiri Dist. 501 301 T.S India. Department of CSE (Artificial Intelligence and Machine Learning)			
CERTIFICATE OF PARTICIPATION			
This is to certify that Mr / Ms _____ a student of B.Tech CSM, has actively participated in the 2-Day Workshop on IoT with Arduino and ESP32 organized by the Department of Computer Science and Engineering (Artificial Intelligence and Machine Learning), ACE Engineering College, held on 10th and 11th October 2025. We appreciate the enthusiastic involvement and successful completion of all activities during the event.			
 Prof. Y. V. GOPALA KRISHNA MURTHY General Secretary	 Dr. M. KESHA REDDY Principal	 Dr. S. KAVITHA Assoc. Prof, HoD-CSM	 Mr. D. RANJITH Assistant Professor

Feedback:



Feedback Area	Average Score	Explanation
Overall workshop rating	4.83	How participants rated their experience
Workshop organization	4.75	Clarity and arrangement of sessions
Clarity of objectives	4.7	How clearly objectives were communicated
Instructor rating	4.85	Satisfaction with teaching quality