



SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)
(Accredited by NBA-AICTE, New Delhi, ISO 9001:2000 Certified Institution &
Accredited by NAAC with "A" Grade)

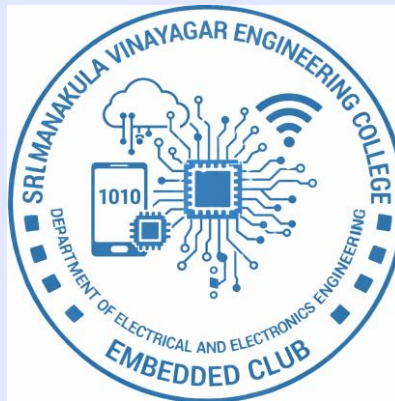
Madagadipet, Puducherry - 605 107



DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

EMBEDDED CLUB

(Academic Year: 2022 to 2023)



Submitted by

Mr.G.Rajavel

Assistant Professor

Faculty Coordinator



Preface

The Embedded Club of the Department of Electrical and Electronics Engineering at Sri Manakula Vinayagar Engineering College functions as a vibrant technical forum established to cultivate innovation, design thinking, and application-oriented competence among students. The club provides a structured academic platform where theoretical foundations are strengthened through systematic technical engagement, collaborative learning, and experiential exposure. Guided by faculty coordinators and actively managed by student office bearers, the club promotes an integrated approach to understanding modern electronic systems from a holistic perspective, emphasizing conceptual clarity, logical reasoning, and structured problem-solving methodologies. It regularly organizes technical discussions, knowledge-sharing sessions, design-oriented activities, interactive workshops, simulation-based explorations, and innovation-driven mini projects to enhance practical insight and analytical capability. The club also encourages interdisciplinary collaboration, teamwork, leadership development, and professional ethics, enabling students to adapt to rapidly evolving technological environments. By fostering creativity, critical thinking, and real-time application perspectives, the Embedded Club plays a significant role in equipping students with industry-relevant competencies, strengthening their technical confidence, and preparing them to become future-ready engineers capable of addressing complex engineering challenges with precision, responsibility, and innovation.

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ABOUT THE INSTITUTE

Sri Manakula Vinayaga Educational Trust was founded to provide quality and affordable education to the weaker sections of society. The trust established Sri Manakula Vinayagar Engineering College (SMVEC) in 1999. SMVEC is an autonomous institution affiliated to Pondicherry University. It offers 13 undergraduate, 8 postgraduate and 11 Research programme in engineering. SMVEC has been accredited by NAAC with “A” grade and NBA. The institution is also accredited by TATA consultancy services. The college has a good placement record with students getting job offers from top companies in India and abroad. SMVEC students have won many awards and accolades for their academic achievements.

Vision

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society

Mission

- M1: Quality Education:** To provide comprehensive academic system that amalgamates the cutting-edge technologies with best practices.
- M2: Research and Innovation:** To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.
- M3: Employability and Entrepreneurship:** To inculcate the employability and entrepreneurial skills through value and skill-based training.
- M4: Ethical Values:** To instill deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.



ABOUT DEPARTMENT

Vision

To promote proficiency in the field of Electrical and Electronics Engineering by creating a stimulating environment for research, innovation and entrepreneurship

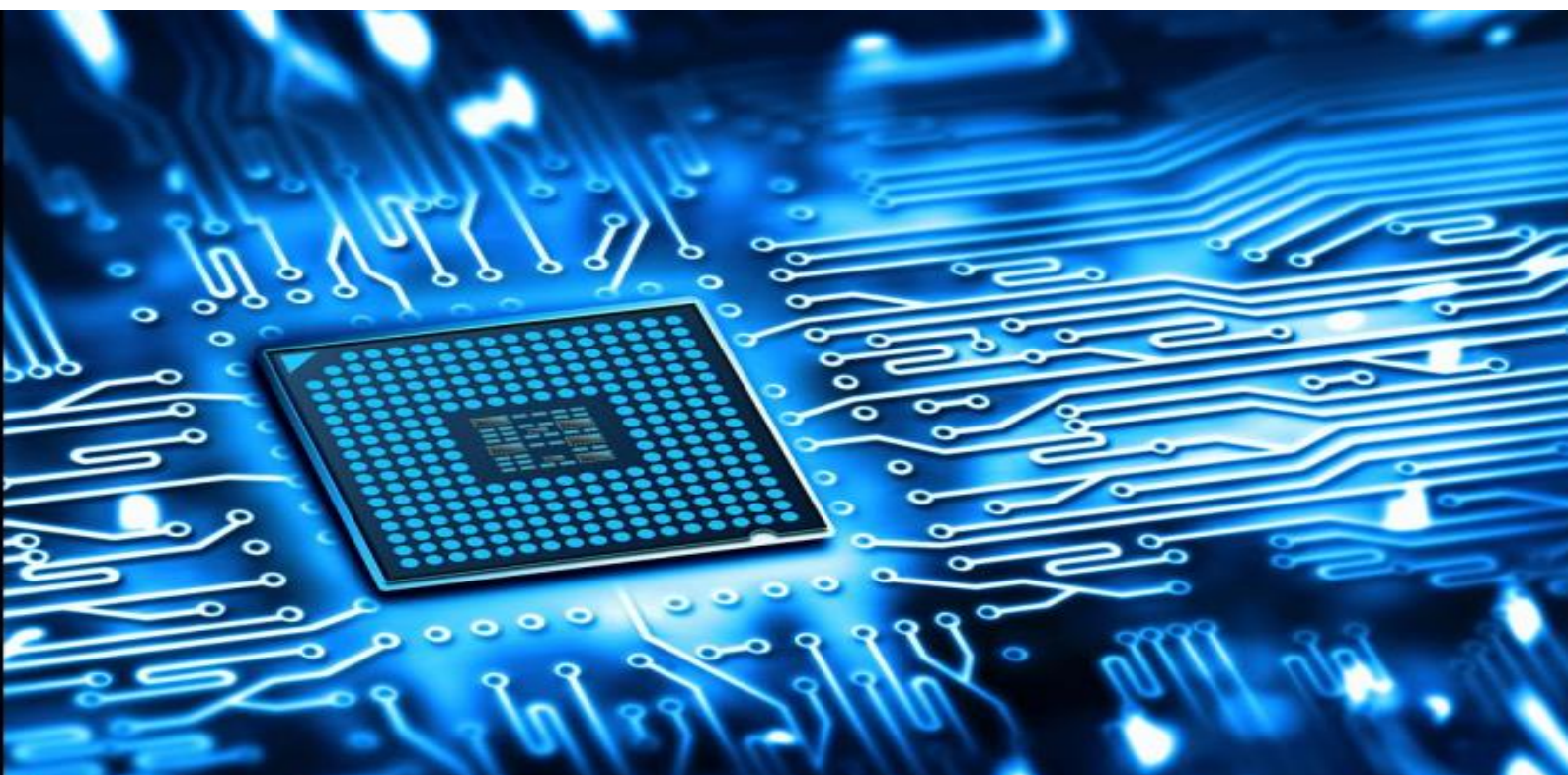
Mission

M1: Quality Education: To impart high quality technical education with problem solving capabilities by innovative pedagogy in emerging technologies.

M2: Industrial and Societal Needs: To cater the dynamic needs of the industry and society by strengthening industry-institute interaction.

M3: Research and Innovation: To nurture the spirit of research attitude by carrying out innovative technologies pragmatically.

M4: Placement and Entrepreneurship: To inculcate the professionalism in career by advancing synergetic skills to compete in the corporate world.



ABOUT EMBEDDED CLUB

Embedded systems are referred to as control systems tailored for specific applications. Embedded systems are used in many different fields such as automotive, robotics, IoT, AI, ML, biomedical equipment, and instrumentation etc. Looking at its diversity of applications and potential for production of highly innovative products, embedded system can be considered as the primary technology of the present and future.

The function of the club is to deal from basics of electronics. This club aims to uncover those key topics that are not part of the curriculum. The club helps the students by integrating their skills in the various fields of engineering and technology to cope up with the highly competitive environment

Objectives of Embedded Club

- To make the students aware of the upcoming embedded system technologies.
- To understand hardware and software design requirements of embedded system.
- To analyze the embedded system specifications and develop software program.
- To create a platform for sharing innovative ideas and to develop mini projects.
- To make students to design real time applications.

Functions

- Organising Lecture session on embedded systems.
- Conducting frequent weekend contest.
- Weekly Hands-on training sessions.
- Designing of interfacing circuits.
- Conducting Hackathon for the benefit of students.



"Where circuits connect and innovation flows."

Office Bearers and portfolios

S.No	Name	Position
1.	Mr.G.Rajavel Assistant professor/EEE	Faculty Coordinators
2.	Mr. R. Vignesh Assistant professor/EEE	
3.	Mr. C. ADREIN PERIYANAYAGAM Assistant Professor / EEE	
4.	Mr. P. Mohan Raj	President
5.	Mr. K. Jothikrishnan	Vice president
6.	Mr.Srisanthosh B	Secretary
7.	Mr. E.K Abdullah	Joint Secretary
8.	Mr. Tom Tijo Edattukaran	
9.	Ms. M. Savitha	Executive Members
10.	Mr. Mohanlal	
11.	Ms. M.Swetha	Technical Members
12.	Mr. Jeeva sudhan	
13.	Ms. Susangati Samantaray	



Mr.G.Rajavel
Assistant professor/EEE
Faculty Coordinator



Mr. P. Mohan Raj
President



Mr. K. Jothikrishnan
Vice president



Mr.Srisanthosh B
Secretary



Mr. E.K Abdullah
Joint Secretary



Ms. M. Savitha
Executive
Member

List of student members

S.NO	NAME OF THE STUDENT	YEAR
1	Swetha M	III
2	A. Sakthi	III
3	Arunprasath.S	III
4	Akash Sv	III
5	Poobathi	III
6	V. Arthi	III
7	Mohan Raj P	III
8	Badhma Priya M	III
9	Kalpanadevi	III
10	Devapriya D	III
11	Kriahna Kumar. R	III
12	Anusha.C	III
13	Savitha.M	III
14	Nithishkumar.K	III
15	Srisanthosh B	III
16	Mohamed Thofique	III
17	Kabilan S	III
18	Kirankumar S	III
19	Abdullah E K	III
20	Surendhar V	III
21	Keerthiga M	III
22	Danush Balaji S	III
23	Vighneshwar.V	III
24	Sivabalan G	III
25	Rozalan J	III
26	Vijaya Boopathy.S	III
27	Srinevan V	III
28	Sasidharan R	III
29	M.Latchiavasan	III
30	Karthikeyan.P	III
31	Kirubakaran P	III
32	Priyadharshini	II
33	Tom Tijo Edattukaran	II
34	Sanjai.S	II
35	Jothikrishnan K	II
36	Mohan Lal	II
37	Srinivasan S	II
38	S. Logesh	II
39	Pranav	II
40	Abdul Hafreed	II
41	Vigneshwaran. V	II
42	Susangati Samantaray	II
43	J.Sabarigireesane	II
44	R.Yogesh	II

45	Nirmal D	II
46	Raghul R	II
47	I. Gladson Joshua Paulraj	II
48	Rahul T	II
49	S. Gunapriya	II
50	Jeevasudhan G	II
51	Periasamy .R	II
52	Maheyndiran.S	II
53	Prasanaa.K	I
54	Rajesh.M	I
55	Reeshma R	I
56	Dharani	I
57	Vidhyasri	I
58	Mohamad Fazil.J	I
59	Sharmilaa.R	I
60	Dhanush	I
61	M.Mathan	I
62	S.Madhan	I
63	Selvam	I
64	Afrena.A	I

ACTIVITIES CONDUCTED BY EMBEDDED CLUB – (2022 – 2023)

Sl. No	Activity	Date
1.	Technical Quiz	18.06.2022
2.	Discussion on Arduino project using Ultrasonic Sensor	25.06.2022
3.	Program on LED Blinking / Structure of Arduino Program / Ultrasonic Sensor	02.07.2022
4.	Discussion on Arduino project using Ultrasonic Sensor	23.07.2022
5.	Arduino Mini project simulation on “Tinker Cad”	30.07.2022
6.	Introduction to Embedded club	19.11.2022
7.	PIC16F877A Architecture and the LED interfacing using MPLAB IDE	26.11.2022
8.	ARDUINO UNO BOARD	03.12.2022
9.	Stepper Motor interface with PIC16F877A and WOKWI stimulation with ultrasonic sensor	17.12.2022

Embedded club – Activity Report-1

Academic Year	:	2022 – 2023
Date /Day	:	18.06.2022 / Saturday
Name of Club	:	Embedded club
Activities	:	Technical Quiz



Quiz competition conducted for first year and second year EEE students. The club members were divided into Team A, B, C, D. Team A won the quiz event answering 8 questions followed by team C answering 6 questions correctly.

Technical Quiz

Date: 18.06.2022

SL.NO	Student Name	Present / Absent
1.	ABHINAYAA M	Present
2.	AFRENA A	Present
3.	AKASH KUMAR N	Present
4.	AKASH N	Present
5.	ANANDHARAMAN V	Present
6.	ARIHARAN S	Present
7.	AROKIA ANANDU PRASANTHU A	Present
8.	ARUNAISH R	Present
9.	ARUNPRADAAP S	Present
10.	ASHWIN KUMAR S	Present
11.	ASWINKUMAR A	Present
12.	ASWITHA R	Present
13.	BALAKUMARAN A	Present
14.	BARANI DHARAN A	Present
15.	CALLIS JOSEPH E	Present
16.	CHANDRU A	Present
17.	DHANAVEERANESH J	Present
18.	DHINISH N	Present
19.	DHIVIYA S	Present
20.	GANESH C	Present
21.	GOKULARAMANANE S	Present
22.	GOKULRAJ R	Present
23.	GOPIKA J	Present
24.	GOPIKRISHNAN P	Present
25.	GOPINATH B	Present
26.	HARINEE P	Present
27.	HARINI L	Present
28.	HEMACHANDASANAM S	Present
29.	HERWIN W	Present
30.	ISHWARYA LAKSHMI.S	Present
31.	IYYAPPAN R	Present
32.	JAYALAKSHMI L	Present
33.	JEEVITHAA D	Present
34.	JENI K	Present
35.	KARMUKILAN A	Present
36.	KARTHIKRAJA S	Present
37.	KAVIMANJARI L	Present
38.	KEERTHANA G M	Present
39.	KUSHAAN ANAND	Present
40.	LALITH KUMAR S	Present
41.	LATHIKAA V	Present
42.	LAVANYA M	Present
43.	MADHAN A	Present
44.	MADHAN S	Present

45.	MADHAV V	Present
46.	MAHESH R	Present
47.	MATHAN M	Present
48.	MOHAMAD KASEEM M	Present
49.	MOHAMED ABDULKALAM K	Present
50.	MOHAMED HARUN RASHEED S	Present
51.	MONIKA D	Present
52.	MUKESHKUMAR R	Present
53.	MURUGAN T	Present
54.	NATHESH N B	Present
55.	NAVEENKUMAR D	Present
56.	NIVETHITHA B	Present

Embedded club – Activity Report-2

Academic Year	:	2022 – 2023
Date/Day	:	25.06.2022/Saturday
Name of Club	:	Embedded club
Activities	:	Discussion on Arduino project using Ultrasonic Sensor



II Year Students Took Active Participation in Peripherals of Arduino and Discussed the Latest Technology in Embedded System for the topics given below:

- Einfochips Latest Design Center.
- Ibm Nanometer Chips.
- Neurolink's Microchip.
- Virtual Reality and Augmented Reality.

Discussion on Arduino project using Ultrasonic Sensor

Date: 25.06.2022

SL.NO	Student Name	Present/Absent
1.	ABDUL HAFREED H	Present
2.	ARCHANA R	Present
3.	BARATH KUMAR B	Present
4.	DEVANATHAN A	Present
5.	DHIVYASHREE M	Present
6.	DINESH R S	Present
7.	ELAMPARUTHI K	Present
8.	GANDHAM NAGENDRA KARTHIK	Present
9.	GAYATHRY G	Present
10.	GLADSON JOSHUA PAULRAJ I	Present
11.	GUNAPRIYA S	Present
12.	GURUDEVAN L	Present
13.	HEMANATHAN D	Present
14.	JAYAKUMAR D	Present
15.	JEEVASUDHAN G	Present
16.	JOTHIKRISHNAN.K	Present
17.	KALAIYARASSI M	Present
18.	KARTHIKEYAN P	Present
19.	KARTHIKRAJA S.D	Present
20.	KASTHURI C	Present
21.	KAVEEYA K	Present
22.	KAVIARASAN M	Present
23.	KAVIYA S	Present
24.	KEERTHIRAJ. V	Present
25.	LOGESH.S	Present
26.	LOKESH N	Present
27.	LOKESHWARI D	Present
28.	MAHEYNDIRAN.S	Present
29.	MOHAN LAL S	Present
30.	MURUGAN.S	Present
31.	NIRMAL D	Present
32.	NIVEDHA G	Present
33.	PRANAV B	Present
34.	PRIYADHARSHINI A	Present
35.	RAGHUL R	Present
36.	RAHUL T	Present
37.	RAMANAKRISHNAN S	Present
38.	ROSHAN ARVIND. V	Present
39.	SABARIGIREESANE J	Present
40.	SABARISH R	Present
41.	SAI SIDDARTH T S	Present
42.	SANJAI S	Present
43.	SANTHANA KRISHNAN E	Present

44.	SATHISH FRANCIS XAVIER R	Present
45.	SIVAGANESH M	Present
46.	SONIYA V	Present
47.	SOWMYA.S	Present
48.	SREE VARDNI P	Present
49.	SRIDHASAN NAMBI	Present
50.	SRINIVASAN S	Present
51.	SUSANGATI SAMANTARAY	Present
52.	SWETHA S	Present
53.	THAMIZHARASAN. S	Present
54.	THILAK BASKARAN C M	Present
55.	TOM TIJO EDATTUKARAN	Present
56.	VENKATESHWARAN R	Present

Embedded club – Activity Report-3

AcademicYear	:	2022 – 2023
Date/Day	:	02.07.2022/Saturday
Nameof Club	:	Embedded club
Activities	:	Program on LED Blinking / Structure of Arudino Program / Ultrasonic Sensor



II-year students took active participation in Blinking of LED Program and Discussed the Structure of Arudino Program / Ultrasonic Sensor for the topics given below:

- Structure of Arduino programming.
- Blinking of LED programming.
- Uses of Ultrasonic sensor.

Program on LED Blinking

Date: 02.07.2022

SL.NO	Student Name	Present/Absent
1.	ARUNAISH R	Present
2.	ARUNPRADAAP S	Present
3.	ASHWIN KUMAR S	Present
4.	ASWINKUMAR A	Present
5.	ASWITHA R	Present
6.	BALAKUMARAN A	Present
7.	BARANI DHARAN A	Present
8.	CALLIS JOSEPH E	Present
9.	CHANDRU A	Present
10.	DHANAVEERANESH J	Present
11.	DHINISH N	Present
12.	DHIVIYA S	Present
13.	GANESH C	Present
14.	GOKULARAMANANE S	Present
15.	GOKULRAJ R	Present
16.	GOPIKA J	Present
17.	GOPIKRISHNAN P	Present
18.	GOPINATH B	Present
19.	HARINEE P	Present
20.	HARINI L	Present
21.	HEMACHANDASANAM S	Present
22.	HERWIN W	Present
23.	ISHWARYA LAKSHMI S	Present
24.	IYYAPPAN R	Present
25.	JAYALAKSHMI L	Present
26.	JEEVITHAA D	Present
27.	JENI K	Present
28.	KARMUKILAN A	Present
29.	KARTHIKRAJA S	Present
30.	KAVIMANJARI L	Present
31.	KEERTHANA G M	Present
32.	KUSHAAN ANAND	Present
33.	LALITH KUMAR S	Present
34.	LATHIKAA V	Present
35.	LAVANYA M	Present
36.	MADHAN A	Present
37.	MADHAN S	Present
38.	MADHAV V	Present
39.	MAHESH R	Present
40.	MATHAN M	Present
41.	MOHAMAD KASEEM M	Present

42.	MOHAMED ABDULKALAM K	Present
43.	MOHAMED HARUN RASHEED S	Present
44.	MONIKA D	Present
45.	MUKESHKUMAR R	Present
46.	MURUGAN T	Present
47.	NATHESH N B	Present
48.	NAVEENKUMAR D	Present
49.	NIVETHITHA B	Present
50.	PAMPANA KARUNA PRABHAS	Present
51.	PARAMESH S	Present
52.	PAVINTHRAN U	Present
53.	POOJA R	Present
54.	POOJITHA A	Present
55.	PRASANAA K	Present
56.	PRAVEEN G	Present

Embedded club – Activity Report-4

AcademicYear	:	2022 – 2023
Date/Day	:	23.07.2022/Saturday
Nameof Club	:	Embedded club
Activities	:	Discussion on Arduino project using Ultrasonic Sensor



I and II year students were actively participated in the discussion on Arduino project using Ultrasonic Sensor.

Discussion on Arduino project using Ultrasonic Sensor

Date: 23.07.2022

SL.NO	Student Name	Present/Absent
1.	HEMANATHAN D	Present
2.	JAYAKUMAR D	Present
3.	JEEVASUDHAN G	Present
4.	JOTHIKRISHNAN.K	Present
5.	KALAIYARASSI M	Present
6.	KARTHIKEYAN P	Present
7.	KARTHIKRAJA S.D	Present
8.	KASTHURI C	Present
9.	KAVEEYA K	Present
10.	KAVIARASAN M	Present
11.	KAVIYA S	Present
12.	KEERTHIRAJ. V	Present
13.	LOGESH.S	Present
14.	LOKESH N	Present
15.	LOKESHWARI D	Present
16.	MAHEYNDIRAN.S	Present
17.	MOHAN LAL S	Present
18.	MURUGAN.S	Present
19.	NIRMAL D	Present
20.	NIVEDHA G	Present
21.	PRANAV B	Present
22.	PRIYADHARSHINI A	Present
23.	RAGHUL R	Present
24.	RAHUL T	Present
25.	RAMANAKRISHNAN S	Present
26.	ROSHAN ARVIND. V	Present
27.	SABARIGIREESANE J	Present
28.	SABARISH R	Present
29.	SAI SIDDARTH T S	Present
30.	SANJAI S	Present
31.	SANTHANA KRISHNAN E	Present
32.	SATHISH FRANCIS XAVIER R	Present
33.	SIVAGANESH M	Present
34.	SONIYA V	Present
35.	SOWMYA.S	Present
36.	SREE VARDNI P	Present
37.	SRIDHASAN NAMBI	Present
38.	SRINIVASAN S	Present
39.	SUSANGATI SAMANTARAY	Present
40.	SWETHA S	Present
41.	THAMIZHARASAN. S	Present

42.	THILAK BASKARAN C M	Present
43.	TOM TIJO EDATTUKARAN	Present
44.	VENKATESHWARAN R	Present
45.	VIGNESHWARAN V	Present
46.	VIJAYALAKSHMI S	Present
47.	VINISHA LAXMI G	Present
48.	VISHWA M	Present
49.	YOGARAJAN R	Present
50.	YOGESH .R	Present
51.	SRIBALAN R	Present
52.	VEDHAVALLI K	Present
53.	VISHWASAKTHI A	Present
54.	MICHAEL ROBIN K	Present
55.	NIRMALKUMAR V	Present
56.	KAVIBHAARATHI M	Present

Embedded club – Activity Report-5

Academic Year	:	2022 – 2023
Date /Day	:	30.07.2022 / Saturday
Name of Club	:	Embedded club
Activities	:	Arduino Mini project simulation on “Tinker Cad”



I and II year students actively participated in the Mini discussion on Arduino mini project simulation on “Tinker Cad”.

Arduino Mini project simulation on “Tinker Cad”

Date: 30.07.2022

SL.NO	Student Name	Present/Absent
1.	HEMANATHAN D	Present
2.	JAYAKUMAR D	Present
3.	JEEVASUDHAN G	Present
4.	JOTHIKRISHNAN.K	Present
5.	KALAIYARASSI M	Present
6.	KARTHIKEYAN P	Present
7.	KARTHIKRAJA S.D	Present
8.	KASTHURI C	Present
9.	KAVEEYA K	Present
10.	KAVIARASAN M	Present
11.	KAVIYA S	Present
12.	KEERTHIRAJ. V	Present
13.	LOGESH.S	Present
14.	LOKESH N	Present
15.	LOKESHWARI D	Present
16.	MAHEYNDIRAN.S	Present
17.	MOHAN LAL S	Present
18.	MURUGAN.S	Present
19.	NIRMAL D	Present
20.	NIVEDHA G	Present
21.	PRANAV B	Present
22.	PRIYADHARSHINI A	Present
23.	RAGHUL R	Present
24.	RAHUL T	Present
25.	RAMANAKRISHNAN S	Present
26.	ROSHAN ARVIND. V	Present
27.	SABARIGIREESANE J	Present
28.	SABARISH R	Present
29.	SAI SIDDARTH T S	Present
30.	SANJAI S	Present
31.	SANTHANA KRISHNAN E	Present
32.	SATHISH FRANCIS XAVIER R	Present
33.	SIVAGANESH M	Present
34.	SONIYA V	Present
35.	SOWMYA.S	Present
36.	SREE VARDNI P	Present
37.	SRIDHASAN NAMBI	Present
38.	SRINIVASAN S	Present
39.	SUSANGATI SAMANTARAY	Present
40.	SWETHA S	Present
41.	THAMIZHARASAN. S	Present
42.	THILAK BASKARAN C M	Present
43.	TOM TIJO EDATTUKARAN	Present
44.	VENKATESHWARAN R	Present

45.	VIGNESHWARAN V	Present
46.	VIJAYALAKSHMI S	Present
47.	VINISHA LAXMI G	Present
48.	VISHWA M	Present
49.	YOGARAJAN R	Present
50.	YOGESH .R	Present
51.	SRIBALAN R	Present
52.	VEDHAVALLI K	Present
53.	VISHWASAKTHI A	Present
54.	MICHAEL ROBIN K	Present
55.	NIRMALKUMAR V	Present
56.	KAVIBHAARATHI M	Present

Embedded club – Activity Report-6

Academic Year	:	2022 – 2023
Date /Day	:	19.11.2022 / Saturday
Name of Club	:	Embedded club
Activities	:	Introduction to Embedded club



Students of First year, second year, third year from the department of Electrical and Electronics Engineering participated in **Introduction to Embedded club** and discussed about demand & scope of embedded system.

Introduction to Embedded club

Date: 19.11.2022

SL.NO	Student Name	Present/Absent
1.	HEMANATHAN D	Present
2.	JAYAKUMAR D	Present
3.	JEEVASUDHAN G	Present
4.	JOTHIKRISHNAN.K	Present
5.	KALAIYARASSI M	Present
6.	KARTHIKEYAN P	Present
7.	KARTHIKRAJA S.D	Present
8.	KASTHURI C	Present
9.	KAVEEYA K	Present
10.	KAVIARASAN M	Present
11.	KAVIYA S	Present
12.	KEERTHIRAJ. V	Present
13.	LOGESH.S	Present
14.	LOKESH N	Present
15.	LOKESHWARI D	Present
16.	MAHEYNDIRAN.S	Present
17.	MOHAN LAL S	Present
18.	MURUGAN.S	Present
19.	NIRMAL D	Present
20.	NIVEDHA G	Present
21.	PRANAV B	Present
22.	PRIYADHARSHINI A	Present
23.	RAGHUL R	Present
24.	RAHUL T	Present
25.	RAMANAKRISHNAN S	Present
26.	ROSHAN ARVIND. V	Present
27.	SABARIGIREESANE J	Present
28.	SABARISH R	Present
29.	SAI SIDDARTH T S	Present
30.	SANJAI S	Present
31.	SANTHANA KRISHNAN E	Present
32.	SATHISH FRANCIS XAVIER R	Present
33.	SIVAGANESH M	Present
34.	SONIYA V	Present
35.	SOWMYA.S	Present
36.	SREE VARDNI P	Present
37.	SRIDHASAN NAMBI	Present
38.	SRINIVASAN S	Present
39.	SUSANGATI SAMANTARAY	Present
40.	SWETHA S	Present
41.	THAMIZHARASAN. S	Present

42.	THILAK BASKARAN C M	Present
43.	TOM TIJO EDATTUKARAN	Present
44.	VENKATESHWARAN R	Present
45.	VIGNESHWARAN V	Present
46.	VIJAYALAKSHMI S	Present
47.	VINISHA LAXMI G	Present
48.	VISHWA M	Present
49.	YOGARAJAN R	Present
50.	YOGESH .R	Present
51.	SRIBALAN R	Present
52.	VEDHAVALLI K	Present
53.	VISHWASAKTHI A	Present
54.	MICHAEL ROBIN K	Present
55.	NIRMALKUMAR V	Present
56.	KAVIBHAARATHI M	Present

Embedded club – Activity Report-7

Academic Year	:	2022 – 2023
Date /Day	:	26.11.2022 / Saturday
Name of Club	:	Embedded club
Activities	:	PIC16F877A Architecture and the LED interfacing using MPLAB IDE



Students of First year, second year, third year from the department of Electrical and Electronics Engineering participated in **PIC16F877A Architecture and the LED interfacing using MPLAB IDE** and discussed about Microprocessor and controller difference.

PIC16F877A Architecture and the LED interfacing using MPLAB IDE

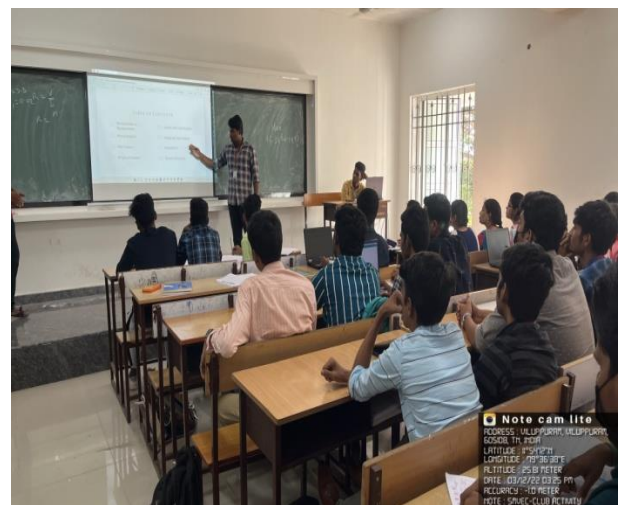
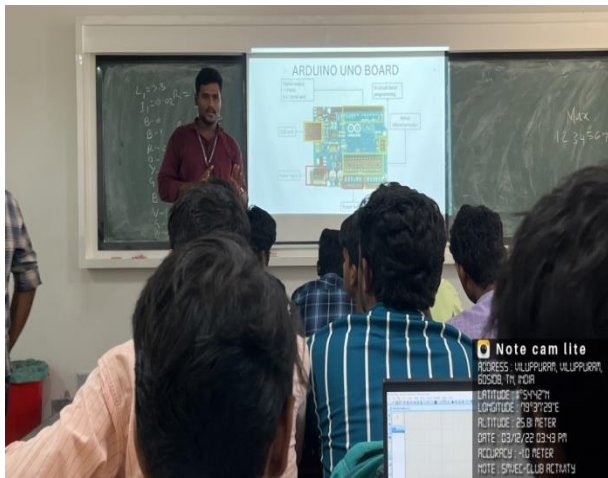
Date: 26.11.2022

SL.NO	Student Name	Present / Absent
1.	ABHINAYAA M	Present
2.	AFRENA A	Present
3.	AKASH KUMAR N	Present
4.	AKASH N	Present
5.	ANANDHARAMAN V	Present
6.	ARIHARAN S	Present
7.	AROKIA ANANDU PRASANTHU A	Present
8.	ARUNAISH R	Present
9.	ARUNPRADAAP S	Present
10.	ASHWIN KUMAR S	Present
11.	ASWINKUMAR A	Present
12.	ASWITHA R	Present
13.	BALAKUMARAN A	Present
14.	BARANI DHARAN A	Present
15.	CALLIS JOSEPH E	Present
16.	CHANDRU A	Present
17.	DHANAVEERANESH J	Present
18.	DHINISH N	Present
19.	DHIVIYA S	Present
20.	GANESH C	Present
21.	GOKULARAMANANE S	Present
22.	GOKULRAJ R	Present
23.	GOPIKA J	Present
24.	GOPIKRISHNAN P	Present
25.	GOPINATH B	Present
26.	HARINEE P	Present
27.	HARINI L	Present
28.	HEMACHANDASANAM S	Present
29.	HERWIN W	Present
30.	ISHWARYA LAKSHMI S	Present
31.	IYYAPPAN R	Present
32.	JAYALAKSHMI L	Present
33.	JEEVITHAA D	Present
34.	JENI K	Present
35.	KARMUKILAN A	Present
36.	KARTHIKRAJA S	Present
37.	KAVIMANJARI L	Present
38.	KEERTHANA G M	Present
39.	KUSHAAN ANAND	Present
40.	LALITH KUMAR S	Present
41.	LATHIKAA V	Present
42.	LAVANYA M	Present

43.	MADHAN A	Present
44.	MADHAN S	Present
45.	MADHAV V	Present
46.	MAHESH R	Present
47.	MATHAN M	Present
48.	MOHAMAD KASEEM M	Present
49.	MOHAMED ABDULKALAM K	Present
50.	MOHAMED HARUN RASHEED S	Present
51.	MONIKA D	Present
52.	MUKESHKUMAR R	Present
53.	MURUGAN T	Present
54.	NATHESH N B	Present

Embedded club – Activity Report-8

Academic Year	:	2022 – 2023
Date/Day	:	03.12.2022/Saturday
Name of Club	:	Embedded club
Activities	:	ARDUINO UNO BOARD



Students of First year, second year, third year from the department of Electrical and Electronics Engineering has been participated in the Embedded session. In the session all discussed about the Introduction of **ARDUINO & ARDUINO UNO BOARD** details and method of writing program ,in ARDUINO. Simulation had been done through **Tinker cad** software for practical understanding.

ARDUINO UNO BOARD

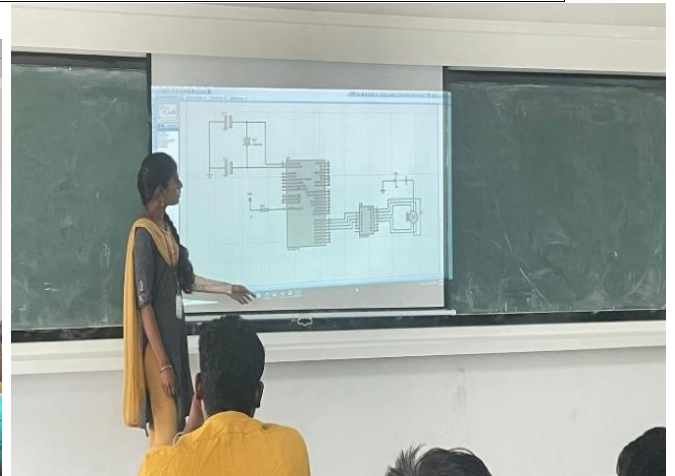
Date: 03.12.2022

SL.NO	Student Name	Present/Absent
1.	ABHINAYAA M	Present
2.	AFRENA A	Present
3.	AKASH KUMAR N	Present
4.	AKASH N	Present
5.	ANANDHARAMAN V	Present
6.	ARIHARAN S	Present
7.	AROKIA ANANDU PRASANTHU A	Present
8.	ARUNAISH R	Present
9.	ARUNPRADAAP S	Present
10.	ASHWIN KUMAR S	Present
11.	ASWINKUMAR A	Present
12.	ASWITHA R	Present
13.	BALAKUMARAN A	Present
14.	BARANI DHARAN A	Present
15.	CALLIS JOSEPH E	Present
16.	CHANDRU A	Present
17.	DHANAVEERANESH J	Present
18.	DHINISH N	Present
19.	DHIVIYA S	Present
20.	GANESH C	Present
21.	GOKULARAMANANE S	Present
22.	GOKULRAJ R	Present
23.	GOPIKA J	Present
24.	GOPIKRISHNAN P	Present
25.	GOPINATH B	Present
26.	HARINEE P	Present
27.	HARINI L	Present
28.	HEMACHANDASANAM S	Present
29.	HERWIN W	Present
30.	ISHWARYA LAKSHMI S	Present
31.	IYYAPPAN R	Present
32.	JAYALAKSHMI L	Present
33.	JEEVITHAA D	Present
34.	JENI K	Present
35.	KARMUKILAN A	Present
36.	KARTHIKRAJA S	Present
37.	KAVIMANJARI L	Present
38.	KEERTHANA G M	Present
39.	KUSHAAN ANAND	Present
40.	LALITH KUMAR S	Present
41.	LATHIKAA V	Present
42.	LAVANYA M	Present

43.	MADHAN A	Present
44.	MADHAN S	Present
45.	MADHAV V	Present
46.	MAHESH R	Present
47.	MATHAN M	Present
48.	MOHAMAD KASEEM M	Present
49.	MOHAMED ABDULKALAM K	Present
50.	MOHAMED HARUN RASHEED S	Present
51.	MONIKA D	Present
52.	MUKESHKUMAR R	Present
53.	MURUGAN T	Present
54.	NATHESH N B	Present

Embedded club – Activity Report-9

AcademicYear	:	2022 – 2023
Date/Day	:	17.12.2022/Saturday
Nameof Club	:	Embedded club
Activities	:	Stepper Motor interface with PIC16F877A and WOKWI stimulation with ultrasonic sensor



Students of First year, second year, third year from the department of Electrical and Electronics Engineering make an interactive session.in the topics of **“Proteus stimulation – stepper motor interface with PIC16F877A”** and **“WOKWI stimulation – Ultrasonic sensor”**, Here how to make the circuit by using stimulation and working has been discussed. Students were discussed the stimulation with Ultrasonic sensor, how it will be used via embedded.



Stepper Motor interface with PIC16F877A and WOKWI stimulation with ultrasonic sensor

Date: 17.12.2022

SL.NO	Student Name	Present/Absent
1.	NAVEENKUMAR D	Present
2.	NIVETHITHA B	Present
3.	PAMPANA KARUNA PRABHAS	Present
4.	PARAMESH S	Present
5.	PAVINTHIRAN U	Present
6.	POOJA R	Present
7.	POOJITHA A	Present
8.	PRASANAA K	Present
9.	PRAVEEN G	Present
10.	PUGAZH SELVAN P	Present
11.	RAAKESH K	Present
12.	RAGUL A	Present
13.	RAGUL V	Present
14.	RAJANAGESHVARAN M	Present
15.	RAJESH M	Present
16.	RAMESHKUMAR P	Present
17.	RAMKUMAR S	Present
18.	RAMYA S	Present
19.	RANDHIGA L	Present
20.	REBEKKAL.R	Present
21.	REESHMA R	Present
22.	SAILESHWAR T	Present
23.	SAKTHISHWARI S	Present
24.	SANCHI VENKATESH	Present
25.	SANJAY U	Present
26.	SARULATHA T	Present
27.	SELVAM S	Present
28.	SHARANKUMAR M	Present
29.	SIVAPOTHIS ALIAS KALICHARAN M	Present
30.	SRILOGESHWARAN S	Present
31.	SURYA PRAKASH B	Present
32.	THARANI S	Present
33.	THARANITHARAN M	Present
34.	THILIPAN SIVA HARI S	Present
35.	THIRISHA N	Present
36.	THIRUVENGADAM P	Present
37.	THOGESH M	Present
38.	UNILKUMAR D	Present
39.	VARSHINEE S	Present

40.	VARUNESH S	Present
41.	VIDHYADHARSHINI S	Present
42.	VIDHYASRI S	Present
43.	VIGNESH V	Present
44.	VIJAY A	Present
45.	VISHVA P	Present
46.	VISHVA S	Present
47.	YUGANDIRAN R	Present
48.	YUGANIGAN J	Present
49.	YUGESH S	Present
50.	YUGANDHARA M	Present
51.	YUVARAANI I	Present
52.	BALAJI L	Present
53.	BHARATHKUMAR S	Present
54.	GIRIDHARAN R	Present

