SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

ANNUAL REPORT

(ACADEMIC YEAR 2025-2026)

Submitted by

Dr.K.Naveen Kumar

Associate professor

Faculty Coordinator

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

PREFACE

The **Automate the Future Club** of the Department of Instrumentation and Control Engineering (ICE) at Sri Manakula Vinayagar Engineering College (SMVEC) stand as dynamic platforms dedicated to nurturing innovation, technical excellence, and professional growth among students.In an era driven by automation, artificial intelligence, smart systems, and advanced control technologies, these clubs aim to bridge the gap between academic learning and industrial application. The *Automate the Future Club* focuses on emerging trends in automation, robotics, industrial instrumentation, IoT, PLC & SCADA systems, and intelligent process control. It provides students with opportunities to engage in hands-on projects, workshops, technical talks, and industry interactions that prepare them for future technological challenges.The *ICON Club* (Instrumentation and Control Oriented Network) serves as a knowledge-sharing and leadership-building forum. It encourages creativity, research orientation, teamwork, and technical presentation skills through seminars, guest lectures, industrial visits, competitions, and mentoring activities.Together, these clubs cultivate a culture of curiosity, collaboration, and continuous learning within the ICE department. By empowering students with practical exposure and innovative thinking, they contribute to shaping competent engineers ready to "Automate the Future" and lead advancements in the field of instrumentation and control. Through dedication, teamwork, and vision, the clubs reflect the department's commitment to academic excellence and technological leadership.

Faculty Coordinator

Dr.K.Naveen Kumar

HOD/ICE	**IQAC Coordinator**	**Director Cum Principal**
Dr.P.Arunagiri	**Dr.Arivalagar A A**	**Dr.V.S.K.Venkatachalapathy**

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
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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 11Research programs 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. To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

VISION

To nurture the cornerstone of excellence in engineering education and drive innovation by seamlessly integrating the fundamentals of Science and Humanities

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.

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ABOUT THE DEPARTMENT

The Department of Instrumentation and Control Engineering, established in 2002, stands as one of the best ICE colleges in Pondicherry & Tamilnadu, and a key part of the ICE colleges in Pondicherry landscape. With its second NBA certification, the department reflects unwavering commitment to academic excellence and global standards. For aspirants searching for top 10 ICE colleges in Pondicherry, SMVEC has consistently been a preferred choice.

Graduates from our department now hold executive positions at top companies like TCS, Wipro, and Microchip. This blend of computer science, electronics, and automation offers a unique mix, enhanced by semester-long lab sessions and a selection of value-added electives. Our students gain access to certifications from Google, Microsoft, and Cisco. They also benefit from hands-on learning opportunities via expert-led seminars and workshops. Whether you're evaluating ICE colleges in Pondicherry fees or comparing options among ICE engineering colleges in Tamilnadu, this department promises high value and great returns.

VISION

To provide high-quality education, training, and research in Instrumentation and Control Engineering syllabus that meets industrial and social needs while upholding strong ethical standards. Our aim is to remain a leader among the best instrumentation engineering colleges in Pondicherry and expand our recognition among ICE engineering colleges in Tamilnadu.

MISSION

M1: Quality education: To impart technical knowledge, leadership and managerial skills to meet the current industrial and societal needs.
M2: Research and Innovation: To foster innovation, research and development for the benefit of global community.
M3: Employability and Entrepreneurship: To enhance the employability skills and inculcate entrepreneurial attitude.
M4: Ethical Values: To provide extension services to rural society and instill ethical values among the students.

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ABOUT AUTOMATE THE FUTURE CLUB

The **Automate the Future Club** is a student-centric technical club established with the vision of promoting knowledge, innovation, and hands-on learning in the field of **automation and emerging technologies**. The club serves as a platform for students to explore, design, and implement intelligent systems that align with modern industrial and societal needs.

The club focuses on bridging the gap between theoretical concepts and practical applications by encouraging experiential learning through workshops, technical talks, hands-on training sessions, industrial visits, and project-based activities. Emphasis is given to areas such as **industrial automation, embedded systems, robotics, IoT, artificial intelligence, and smart control technologies**.

Automate the Future Club also nurtures **innovation, entrepreneurship, and problem-solving skills** by motivating students to develop real-time solutions, participate in competitions, and engage in interdisciplinary teamwork. Through its activities, the club aims to enhance technical competence, creativity, leadership qualities, and industry readiness among students.

Overall, the Automate the Future Club plays a significant role in preparing students to meet future technological challenges and contribute effectively to the advancement of automation-driven industries.

OBJECTIVE:

The Primary goal of automate the future club are as follows

- To promote awareness and understanding of **automation, control systems, and emerging technologies** among students.
- To bridge the gap between **theoretical knowledge and practical implementation** through hands-on training, workshops, and projects.
- To develop students' skills in **industrial automation, embedded systems, robotics, IoT, and intelligent control techniques**.
- To encourage **innovation, creativity, and problem-solving abilities** by working on real-time and industry-relevant challenges.
- To provide a platform for students to **collaborate, share ideas, and engage in interdisciplinary learning**.

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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

ACADEMIC YEAR 2025-2026

Name of the Activity	: Launch your Campus Journey
Name of the Club	: Automate the Future Club
Date / Day of Activity	: 12.07.2025
Number of Members Present	: 1
Activity executed (Yr. /Sem/ Sec)	: IV/VII SEM
Number of Students participated	: 46
Objective of the Activity	: To guide students in beginning their professional journey.
Outcome of the Activity	: Technical Competency Development

Signature of club representative

Signature of staff In-Charge

Signature of HOD

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

Academic Year 2025-2026

CIRCULAR

SMVEC/ICE/2025-26/ODD 2025/CIR./CLUB/001 **Date:10.07.2025**

(For students)

Dear Students,

We are thrilled to invite you to our upcoming event, " **Launch your Campus Journey**" hosted by the Automate the Future club. This event is designed to dive deep into the world of Placements, offering a hands-on experience that explores how interconnected devices are shaping the future of technology.

This initiative is designed to empower students with technical excellence, leadership qualities, innovation skills, and industry-oriented exposure. The programme aims to provide insights into automation technologies, emerging industrial trends, hands-on project opportunities, and professional development activities planned for the academic year.

Join us for an exciting and interactive session where you can create, collaborate, and connect with others who share a passion for the **Launch your Campus Journey.**

Event Details:

Date: 12.07.2025

Time: 9.00 A.M

Venue: IVyr classroom

Signature of staff In-Charge **Signature of HOD**

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
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OFFICE BEARERS

Automate the Future Club is led by a dedicated team of office bearers who play a vital role in driving the club's activities and fostering a culture of innovation. The team typically includes a President, Vice President, Secretary, Treasurer, and Technical Leads, each bringing unique skills and responsibilities to the table. These office bearers coordinate workshops, manage resources, mentor junior members, and oversee project development. Their leadership ensures smooth operation of the club while encouraging creativity, collaboration, and hands-on learning in the field of robotics. Through their efforts, the club continues to be a hub of technical excellence and a launch pad for future innovators.

Faculty Coordinator	**: Dr.K.Naveen Kumar,Associate professor**
President	**: R.Deekshetha,IV year**
Vice President	**: U.Hariprabu,IV year**
Secretary	**: T.Manikavel,IV year**
Technical Head	**: R.Harish,IV year**
Creative Head	**: M.Nisha,IV year**

SRI MANAKULA VINAYAGAR
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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

Academic Year 2025-2026

CLUB ACTIVITY REPORT

VENUE: IV^{yr} classroom **DATE:** 12.07.2025

The club activity was successfully initiated by in charges: Dr.K.Naveen Kumar & Mr.W.Godfrey Daniel

- "Launch Your Campus Journey" is an inspiring initiative designed to welcome students into a world of innovation, automation, and leadership. This programme marks the beginning of an exciting academic journey filled with technical exploration, skill enhancement, and professional growth.
- Hands-on technical exposure,Industry-oriented learning opportunities,Innovation and research platform,Networking with experts and alumni,Career guidance and mentorship support

Signature of staff In-Charge **Signature of HOD**

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

Academic Year 2025-2026

Student Attendance

S.No.	Reg.No	Name of the Student	Attendance
1	22ICL001	BHARATH. M	PRESENT
2	22ICL002	LOGESH. S	PRESENT
3	22ICL003	NAVDEEP.K	PRESENT
4	22UIC002	AKHASSH M	PRESENT
5	22UIC003	BARATH T	PRESENT
6	22UIC004	CHARRUMATHY S	PRESENT
7	22UIC005	DANUSHGANTH C	PRESENT
8	22UIC006	DEEKSHETHA R	PRESENT
9	22UIC007	GAYATHRI S	PRESENT
10	22UIC008	GHURU RAHAVAN R	PRESENT
11	22UIC009	GUNALI G	PRESENT
12	22UIC010	HAATHEEM N	PRESENT
13	22UIC011	HARIPRABU U	PRESENT
14	22UIC012	HARISH R	PRESENT
15	22UIC013	HARISH S	PRESENT
16	22UIC014	JANARDHAN SHALIN BABU S	PRESENT
17	22UIC015	JAWAHAR D	PRESENT
18	22UIC016	KRISHNAKUMAR P	PRESENT
19	22UIC019	LOGESHWARI S	PRESENT
20	22UIC020	LOKESH RAJ S	PRESENT

21	22UIC021	MAHALAKKSHIMI P	PRESENT
22	22UIC022	MANICKVEL T	PRESENT
23	22UIC023	MANOJKUMAR D	PRESENT
24	22UIC024	MATHIYAMUDHAN. S	PRESENT
25	22UIC025	MONICA P	PRESENT
26	22UIC026	NISHA M	PRESENT
27	22UIC027	NISHANTH A	PRESENT
28	22UIC028	PRAGADEESH G	PRESENT
29	22UIC030	RAJASUNDARAM R	PRESENT
30	22UIC031	ROHIT S	PRESENT
31	22UIC032	SARANKUMAR. S	PRESENT
32	22UIC033	SHRIVARSHA RA	PRESENT
33	22UIC034	SRIDHAR R M	PRESENT
34	22UIC035	SRINIDHI K	PRESENT
35	22UIC036	SUBHIKSHA R	PRESENT
36	22UIC037	SUDHARSAN S K	PRESENT
37	22UIC038	SUMITHA R	PRESENT
38	22UIC039	TAMILMARAN A	PRESENT
39	22UIC040	TAMIZHARASAN S	PRESENT
40	22UIC041	VALLI NATCHIAR K	PRESENT
41	22UIC042	VARUNISHA M	PRESENT
42	22UIC043	VETRIVEL D	PRESENT
43	22UIC044	VISHAL PRANAV P	PRESENT
44	22UIC045	YUVAN SHANKAR S	PRESENT
45	22UIC046	YUVASHANKAR M S	PRESENT
46	22UIC047	ZUMAANA HASEEN N	PRESENT
		No.of Students Present	46
		No.of Students Absent	Nil

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

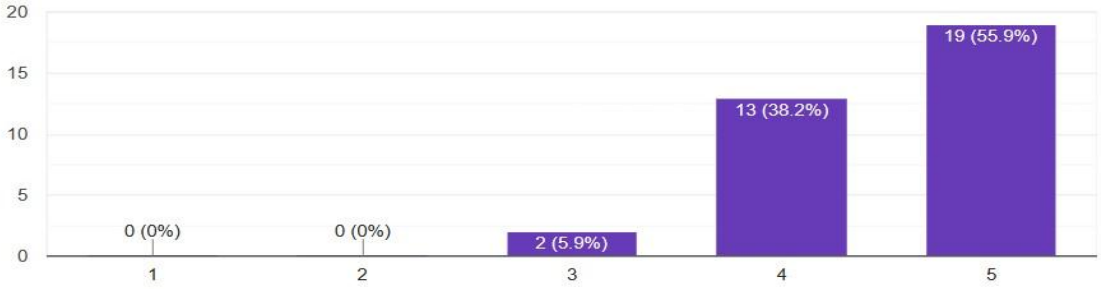
Academic Year 2025-2026

STUDENT FEEDBACK

How satisfied were you with the club activity?

Copy

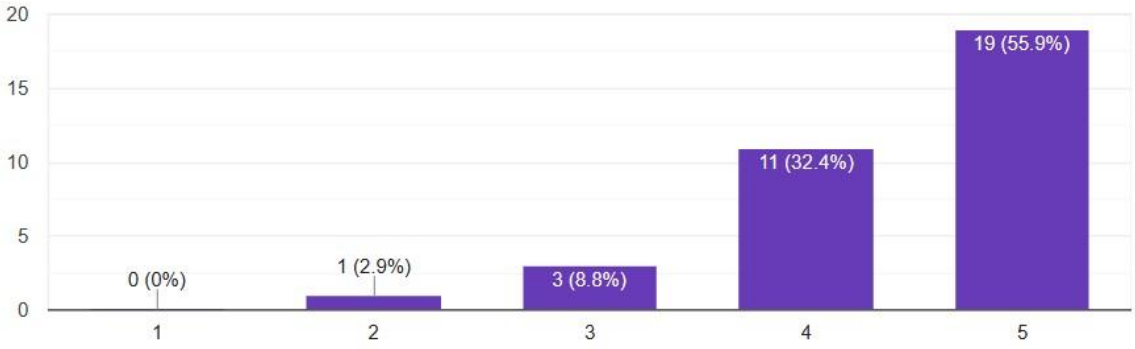
34 responses



How relevant and helpful do you think it was to your field of interest?

Copy

34 responses



What did you like the most about the club activity?

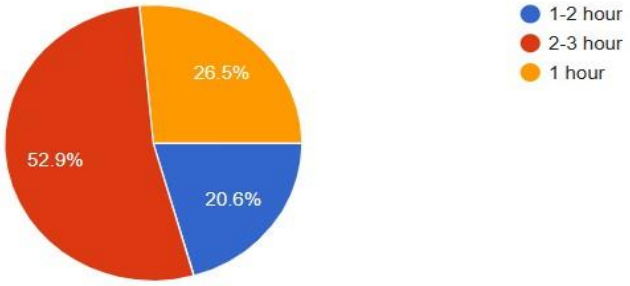
Copy

34 responses

How much time do you want to spend typically on the club activity?

Copy

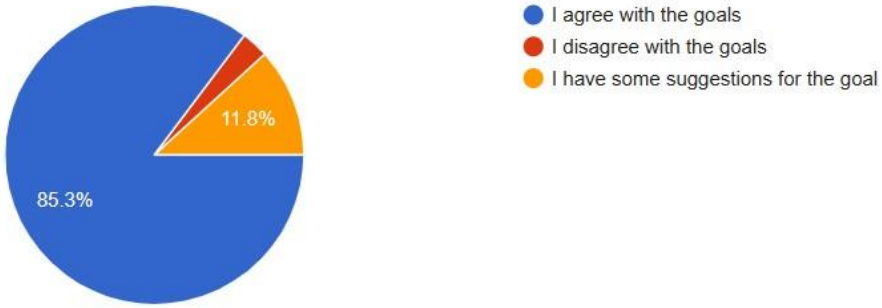
34 responses



What are your goals on participating in this club activity?

Copy

34 responses



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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

Academic Year 2025-2026

Name of the Activity	: Fundamentals and Advances in Calibration Systems
Name of the Club	: Automate the Future Club
Date / Day of Activity	: 26.07.2025
Number of Members Present	: 1
Activity executed (Yr. /Sem/ Sec)	: III/V SEM
Number of Students participated	: 49
Objective of the Activity	: To provide comprehensive knowledge on the fundamentals and recent advances in calibration systems for ensuring accuracy, reliability, and traceability in measurement and instrumentation.
Outcome of the Activity	: Participants will understand calibration principles, standards, uncertainty analysis, and modern automated calibration techniques for industrial and research applications.

Signature of club representative

Signature of staff In-Charge

Signature of HOD

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

Academic Year 2025-2026

CIRCULAR

SMVEC/ICE/2025-26/ODD 2025/CIR./CLUB/002 **Date:24.07.2025**

(For students)

Dear Students,

We are excited to invite you to our upcoming event, " Fundamentals and Advances in Calibration Systems," organized by the Automate the Future club.

The programme aims to provide participants with comprehensive knowledge on calibration principles, standards, measurement accuracy, uncertainty analysis, and recent advancements in automated and smart calibration systems used in modern industries.

Don't miss this opportunity to enhance your awareness, question what you see, and stay a step ahead in the age of AI!

Event Details:

Date: 26.07.2025

Time: 9.00 A.M

Venue: III yr classroom

Signature of staff In-Charge **Signature of HOD**

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ENGINEERING COLLEGE
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OFFICE BEARERS

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Faculty Coordinator	**: Mrs.T.Sudha,Assistant professor**
President	**: Nirmala S**
Vice President	**: Bavadharani R**
Secretary	**: Gokulram R**
Technical Head	**: Jitavari V A**
Creative Head	**: Keerthana M**

SRI MANAKULA VINAYAGAR
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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

Academic Year 2025-2026

CLUB ACTIVITY REPORT

VENUE: III^{yr} classroom **DATE:** 26.07.2025

The club activity was successfully initiated by in charges: Mrs.T.Sudha & Mr.W.Godfrey Daniel

- Students will understand fundamental principles and standards of calibration in measurement systems.
- They will be able to perform basic calibration procedures and interpret calibration results accurately.
- Students will gain knowledge of uncertainty analysis and traceability in industrial applications.
- They will become familiar with advanced and automated calibration techniques used in modern industries.
- Participants will enhance their competency to apply calibration practices for improving accuracy and quality assurance.

Signature of staff In-Charge **Signature of HOD**

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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

Academic Year 2025-2026

Student Attendance

Sri Manakula Vinayagar Engineering College
Student Attendance Details

S.No.	Reg.No	Name of the Student	26.07.2025
1	23ICL001	NIRMALA S	**PRESENT**
2	23ICL002	SANJEEVIRAJ V	**PRESENT**
3	23UIC001	ABDUL FAISAL A	**PRESENT**
4	23UIC002	ABDUL FAZIL J	**PRESENT**
5	23UIC004	AFREEN N	**PRESENT**
6	23UIC005	AJAIPRABU S	**PRESENT**
7	23UIC006	AKASH C	**PRESENT**
8	23UIC007	AMEERA KATHIJA M	**PRESENT**
9	23UIC008	ARAVIND KRISHNA S	**PRESENT**
10	23UIC009	ATCHAYA S	**PRESENT**
11	23UIC010	BALAJI K	**PRESENT**
12	23UIC011	BAVADHARANI R	**PRESENT**
13	23UIC012	DHARANI M	**PRESENT**
14	23UIC013	DHARSHINI R	**PRESENT**
15	23UIC014	DHIVAGER S	**PRESENT**
16	23UIC015	GOKULRAM R	**PRESENT**
17	23UIC016	HARINI G	**PRESENT**
18	23UIC017	HEMANRAJ A	**PRESENT**
19	23UIC018	JAYADEVATHA S	**PRESENT**

20	23UIC019	JENITHA K	**PRESENT**
21	23UIC020	JITAVARI V A	**PRESENT**
22	23UIC021	KAAVYA S	**PRESENT**
23	23UIC022	KADIRAVAN G	**PRESENT**
24	23UIC023	KANMANI B	**PRESENT**
25	23UIC024	KEERTHANA M	**PRESENT**
26	23UIC025	KEERTHANA M (09/11/2005)	**PRESENT**
27	23UIC026	LAWANYASRI V	**PRESENT**
28	23UIC027	MANIKANDAN B	**PRESENT**
29	23UIC028	MOHAMED SHAMITH	**PRESENT**
30	23UIC029	MOHAMMED ABDUL KHADER M	**PRESENT**
31	23UIC030	MOHAMMED FARIS B	**PRESENT**
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43	23UIC043	SUBASH V	**PRESENT**
44	23UIC044	SURIYAPRAGASH J S	**PRESENT**
45	23UIC045	SWETHA S	**PRESENT**
46	23UIC046	SWETHAA P	**PRESENT**
47	23UIC047	VIDYA V	**PRESENT**
48	23UIC048	VIGNESHWAR R	**PRESENT**
49	23UIC049	VISHWA V	**PRESENT**
		No.of Students Present	49
		No.of Students Absent	Nil

SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

AUTOMATE THE FUTURE CLUB

Academic Year 2025-2026

STUDENT FEEDBACK

How satisfied were you with the club activity?

Copy

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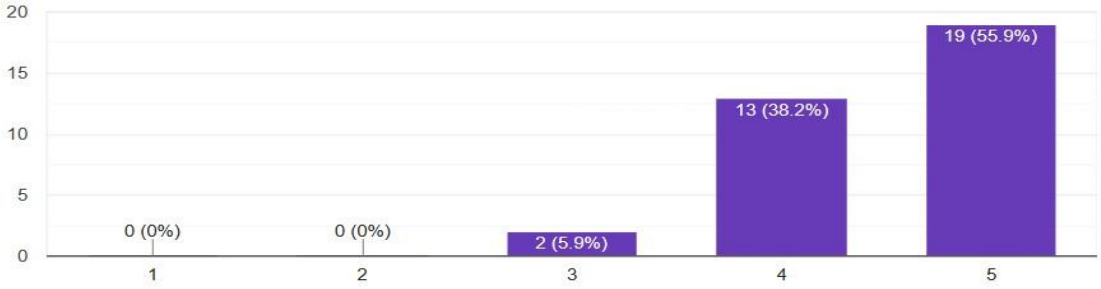

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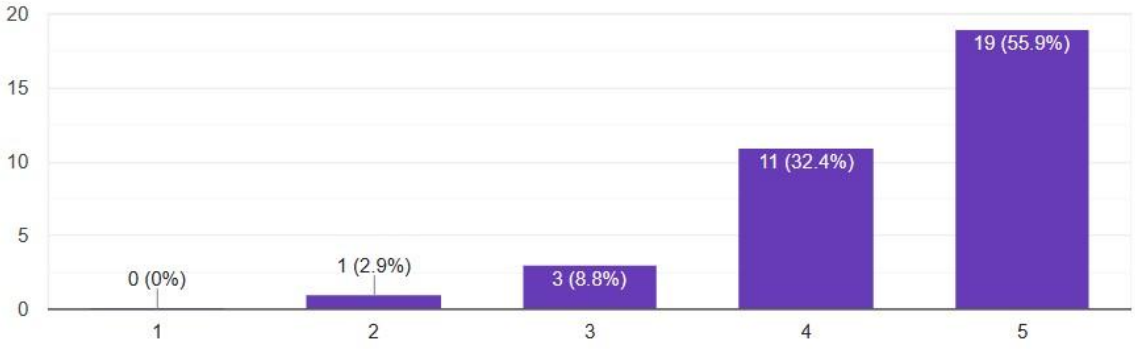

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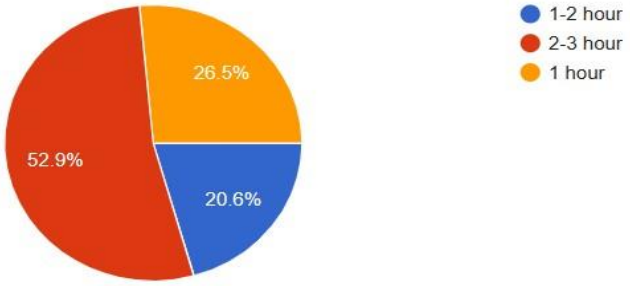

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