



SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)



**DEPARTMENT OF INSTRUMENTATION AND
CONTROL ENGINEERING**

**ICON CLUB
ANNUAL REPORT
(ACADEMIC YEAR 2023-2024)**

Submitted by

Dr.M.Rekha

Associate professor

Faculty Coordinator



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PREFACE

The **ICON 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.M.Rekha

HOD/ICE

Dr.L.M.Varalakshmi

IQAC Coordinator

Dr.Arivalagar A A

Director Cum Principal

Dr.V.S.K.Venkatachalapathy



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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 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 THE ICON CLUB

The **ICON Club** is a student-driven initiative established to promote **innovation, creativity, and outcome-based learning** among students. The club provides a dynamic platform for nurturing ideas, enhancing technical and professional skills, and encouraging students to transform innovative concepts into practical solutions.

The primary objective of the ICON Club is to develop **problem-solving abilities, leadership qualities, teamwork, and communication skills** through various academic and co-curricular activities. The club organizes workshops, seminars, technical talks, competitions, project expos, and interaction sessions with industry experts to expose students to current trends and real-world challenges.

ICON Club also emphasizes **interdisciplinary learning, entrepreneurship, and research orientation**, motivating students to engage in innovative projects, startup ideas, and socially relevant solutions. By fostering a culture of creativity and continuous learning, the club plays a vital role in shaping students into competent professionals and responsible innovators.

Overall, the ICON Club acts as a catalyst in empowering students to become **industry-ready, innovative, and socially conscious individuals**.

OBJECTIVE

The main goal of the Icon Club are as follows

- To promote **innovation and creative thinking** among students across disciplines.
- To encourage **outcome-based learning** through project development and problem-solving activities.
- To provide a platform for students to **share ideas, collaborate, and work in teams**.
- To enhance students' **technical, analytical, and critical-thinking skills**.
- To nurture **leadership, communication, and professional skills** among students.



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DEPARTMENT OF INSTRUMENTATION AND CONTROL
ENGINEERING
ICON CLUB ACTIVITY REPORT

DATE: 24.02.2024

Topic: : In a world of seconds be the master in the minute with
“Just a Minute.”





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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING
ICON CLUB

Academic Year 2023-2024

Name of the Activity : **In a world of seconds be the master in the minute with
“Just a Minute.”**

Name of the Club : Icon Club

Date / Day of Activity : 24.02.2024

Number of Members Present : 4

Activity executed (Yr. /Sem/ Sec) : II/IV SEM

Number of Students participated : 48

Objective of the Activity : Just a Minute is more than a time measurement and it is a
Chance to display your skills and abilities.

Outcome of the Activity : The main outcome is to make every moment meaningful, leave
a lasting impression and show that true mastery goes beyond
time limits.

Signature of club representative

Signature of staff In-Charge

Signature of HOD



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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

ICON CLUB

Academic Year 2023-2024

CIRCULAR

(for students)

Dear Students,

- We are thrilled to invite you to the **Icon club's** upcoming event, an **Open Discussion on the topic of " In a world of seconds be the master in the minute with Just a Minute"**. This event will develop into Just a Minute is not merely a measure of time; it's an opportunity to showcase your prowess, demonstrate your capability.
- Embrace the challenge to articulate, captivate, or innovate, making the most of this brief timeframe.
- Just a Minute challenges you to focus, strategize, and execute with precision, proving that greatness can be achieved in the most fleeting of instances.

Event Details:

Date: 24.02.2024

Time: 02.05 P.M

Venue: IInd classroom

Don't miss this engaging and thought-provoking discussion!

Signature of staff In-Charge

Signature of HOD

OFFICE BEARERS

The Icon 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. M. Rekha, Associate professor

President : R.Deekshetha, II year

Vice President : U.Hariprabu, II year

Secretary : T.Manikavel, II year

Technical Head : R.Harish, II year

Creative Head : M.Nisha, II year



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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING
ICON CLUB

Academic Year 2023-2024

CLUB ACTIVITY REPORT

VENUE: IInd classroom

DATE: 24.02.2024

The club activity was successfully initiated by in charges: Dr. M. Rekha and Dr. S.Sivanandhakumar

"In a world of seconds, be the master of the minute with 'Just a Minute!'" Club activity conducted in ICon club participated by students of Second year Instrumentation and Control Engineering.

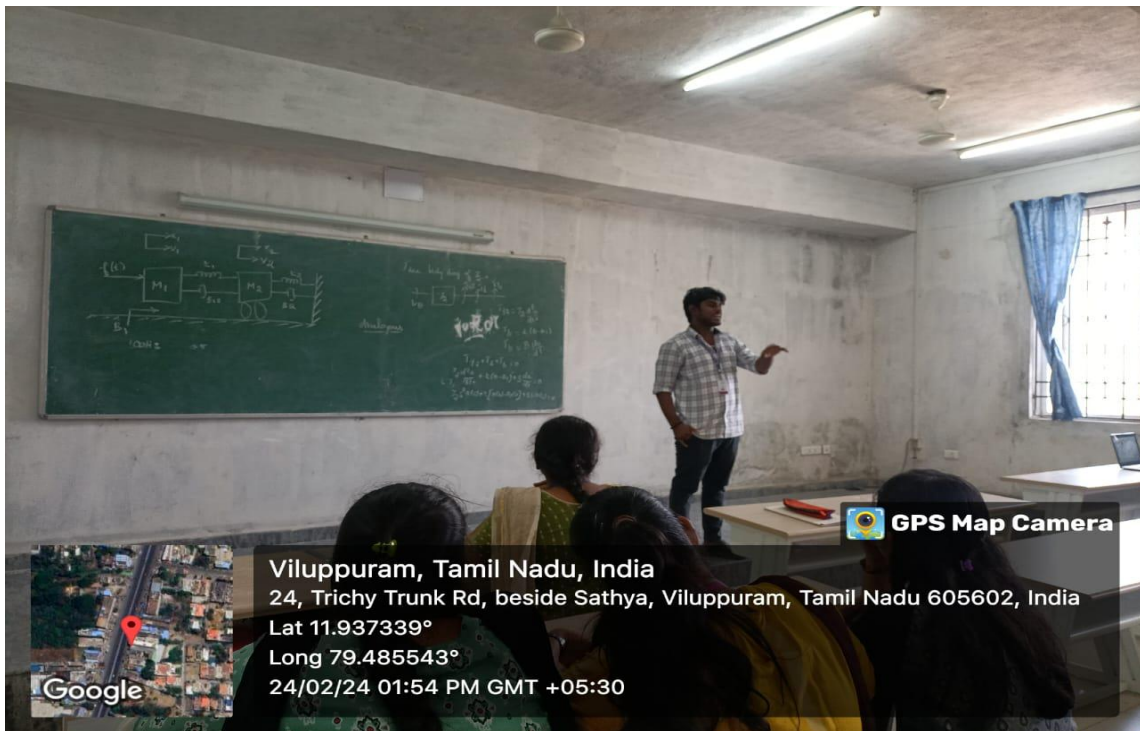


- The outcome of Just a Minute activities for students goes beyond the immediate task at hand.
- Additionally, it encourages creativity, as students learn to innovate and present ideas succinctly.
- Students can witness the tangible outcomes of their efforts, very good mindset that values the significance of every moment.

Signature of staff In-Charge

Signature of HOD







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DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

ICON CLUB

Academic Year 2023-2024

Student Attendance



Sri Manakula Vinayagar Engineering College
Student Attendance Details

Course : B.TECH
Date : 24/02/2024
Period : Period6

Department : ICE - Instrumentation and Control Engineering
WeekDay : Saturday
Section : A Section

Subject Type: Mandatory
Subject: NSS / Club Activity

Batch : 2022 - 2026 **Staff:** GODFREY DANIEL W/ Dr. M. Rekha
Heading : College campus cleaning / Club Activity

S.No.	Reg. No.	Name	Attendance
1	22ICL001	BHARATH M	P
2	22ICL002	LOGESH S	P
3	22ICL003	NAVDEEP K	P
4	22UIC001	AENESH E	Absent: +
5	22UIC002	AKHASSH M	P
6	22UIC003	BARATH T	P
7	22UIC004	CHARRUMATHY S	P
8	22UIC005	DANUSHGANTH C	P
9	22UIC006	DEESHETHA R	P
10	22UIC007	GAYATHRI S	P
11	22UIC008	GHURU RAHAVAN R.	Absent: +
12	22UIC009	GUNALI G	P
13	22UIC010	HAATHEEM N	P
14	22UIC011	HARIPRABU U	P
15	22UIC012	HARISH R	P
16	22UIC013	HARISH S	P
17	22UIC014	JANARDHAN SHALIN BABU S	P
18	22UIC015	JAWAHAR D	P
19	22UIC016	KRISHNAKUMAR P	P
20	22UIC019	LOGESHWARI S	P
21	22UIC020	LCKESH RAJ S	P
22	22UIC021	MAHALAKSHIMI P	P
23	22UIC022	MANICKVEL T	P
24	22UIC023	MANOJKUMAR D	P
25	22UIC024	MATHIYAMUDHAN S	P
26	22UIC025	MONICA P	P
27	22UIC026	NISHA M	P
28	22UIC027	NISHANTH A	P
29	22UIC028	PRAGADEESH G	P
30	22UIC029	PRIVANGHA S	P
31	22UIC030	RAJASUNDARAM R	P
32	22UIC031	ROHIT S	P
33	22UIC032	SARANKUMAR S	P
34	22UIC033	SHRIVARSHA RA	P
35	22UIC034	SRIDHAR R M	P
36	22UIC035	SRINIDHI K	P
37	22UIC036	SUBHIKSHA R	P
38	22UIC037	SUDHARSA N S K	P
39	22UIC038	SUMETHA R	P
40	22UIC039	TANELMARAN A	P
41	22UIC040	TANIZHARASAN S	P
42	22UIC041	VALLI NATCHIAR K	P
43	22UIC042	VARUNISHA M	P
44	22UIC043	VETRIVEL D	P
45	22UIC044	VISHALPRANAV P	P
46	22UIC045	YLVAN SHANKAR S	Absent: +
47	22UIC046	YLVASHANKAR M S	P



Sri Manakula Vinayagar Engineering College
Student Attendance Details

48 22UIC047 ZUMAANA HASEEN N P



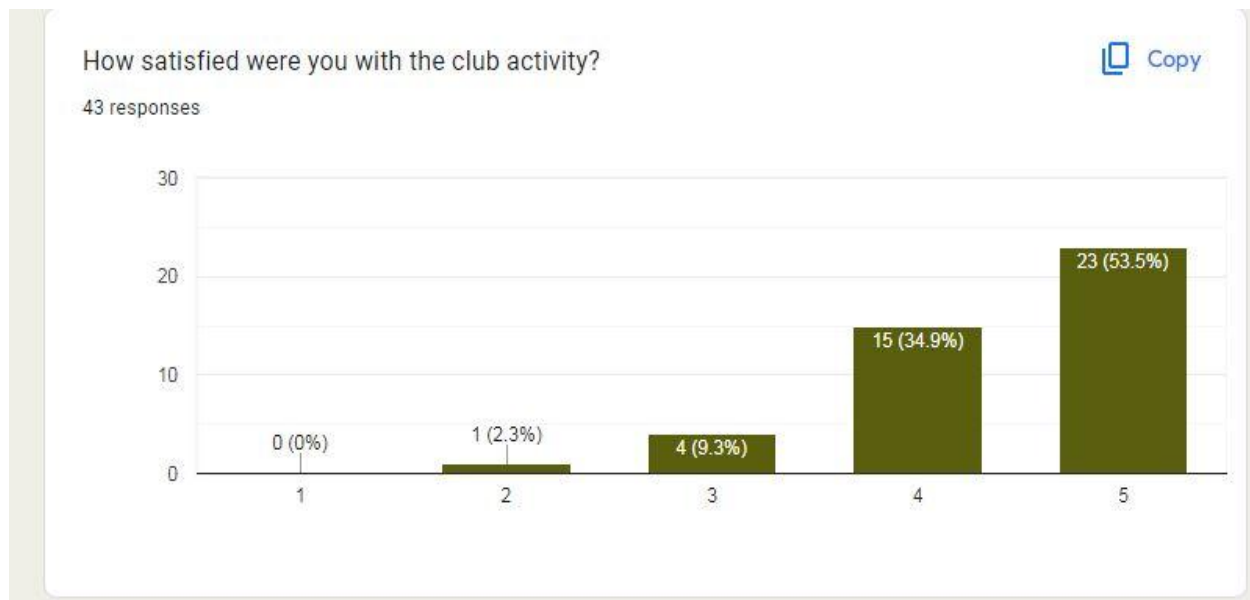
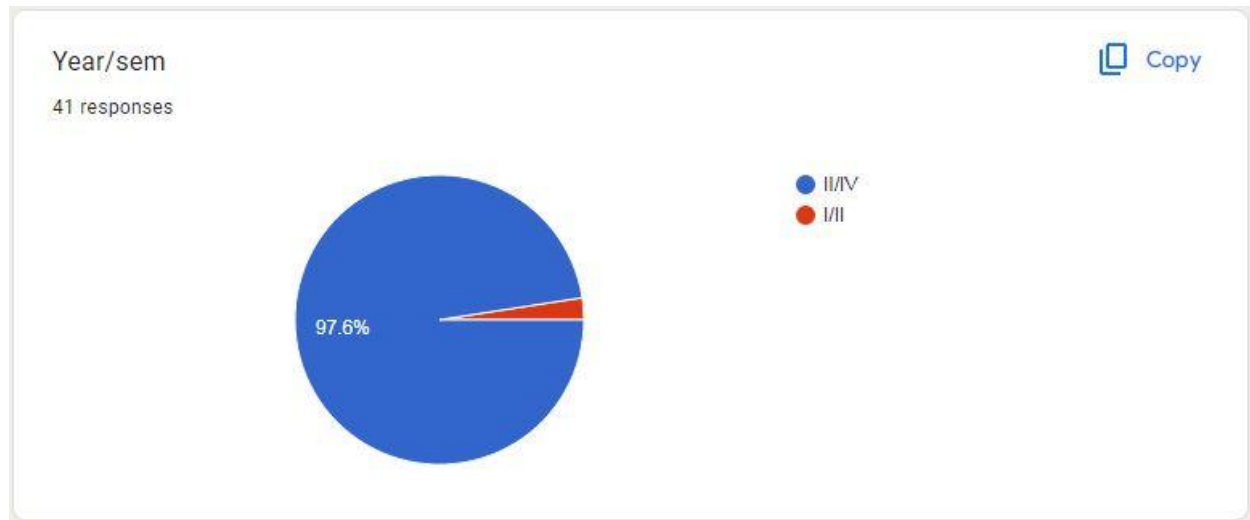
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ICON CLUB**

Academic Year 2023-2024

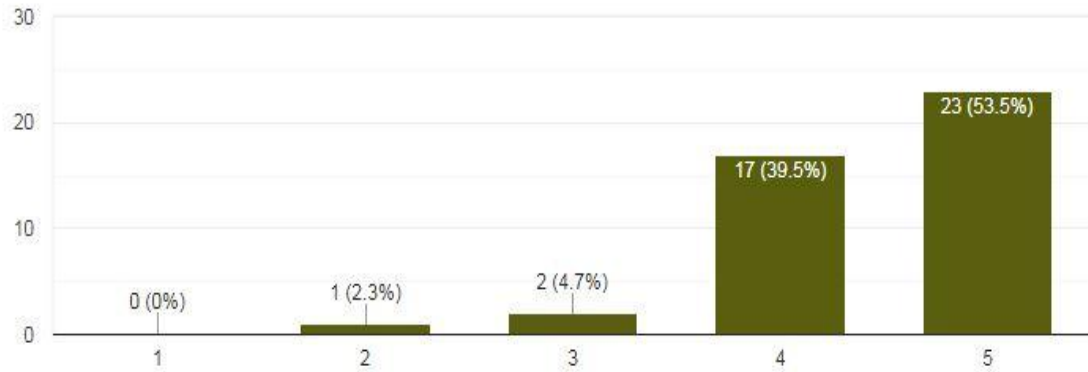
STUDENT FEEDBACK



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

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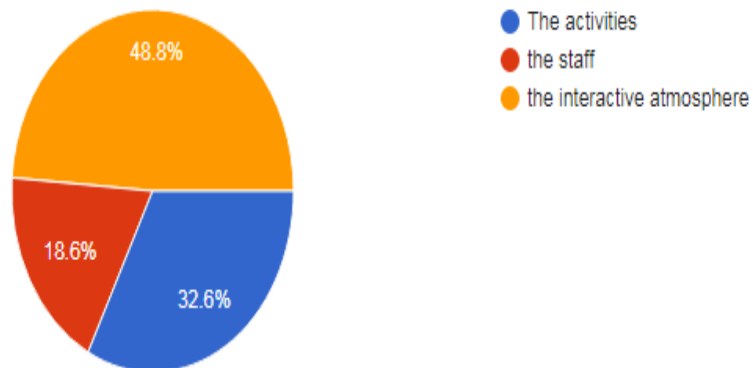
43 responses



What did you like the most about the club activity?

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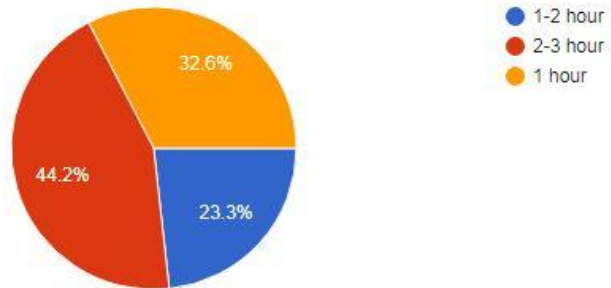
43 responses



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

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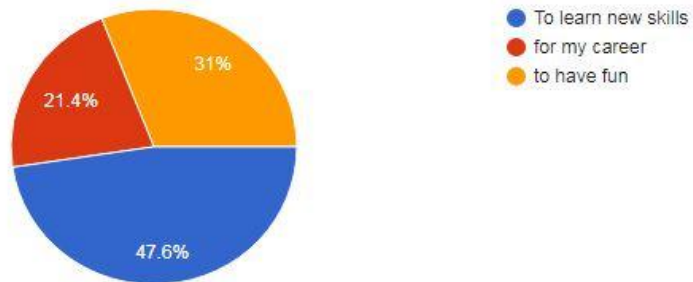
43 responses



What are your goals on participating in this club activity?

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42 responses



what are your thoughts on the clubs overall objective and outcome?

 Copy

43 responses

