



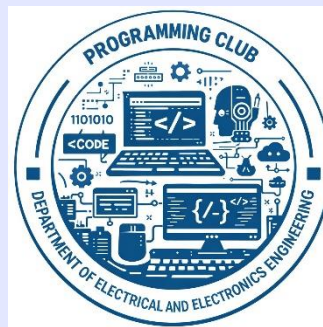
SRI MANAKULA VINAYAGAR  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



DEPARTMENT OF  
ELECTRICAL AND ELECTRONICS ENGINEERING

## PROGRAMMING CLUB

(Academic Year: 2024 to 2025)



Submitted by  
Mr. J.Muruganandham  
Assistant Professor  
Faculty Coordinator



## Preface

The Programming Club of the Department of Electrical and Electronics Engineering, Sri Manakula Vinayagar Engineering College, serves as a platform to enhance coding knowledge, logical thinking, and problem-solving skills among students. In the present technological era, programming has become an essential skill for engineers across all disciplines, and the club aims to equip students with the necessary competencies to meet academic and industry requirements. The club provides opportunities for students to learn and practice various programming languages through regular technical activities such as coding contests, quizzes, debugging sessions, seminars, hackathons, and hands-on training programs. It encourages peer learning, interaction, and knowledge sharing while fostering a strong coding culture within the department. The activities of the club are effectively guided by faculty coordinators and actively supported by student office bearers and members, who work together to organize and execute events throughout the academic year. Through continuous practice, motivation, and exposure to competitive programming environments, the Programming Club strives to develop confident, skilled, and industry-ready engineers, thereby contributing to the overall academic excellence and technical growth of the institution.



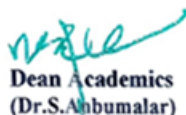
**Faculty coordinator**  
Mr. J. Muruganandham



**HOD/ EEE**  
(Dr.P.Jamuna)



**Dr. AA. Arivalagar**  
IQAC coordinator



**Dean Academics**  
(Dr.S.Anbumalar)



**Director cum Principal**  
(Dr.V.S.K.Venkatachalapathy)

**TABLE OF CONTENTS**

**01**

**About Institution**

**04**

**About Club**

**02**

**Vision & Mission**

**05**

**Activity Details**

**03**

**About Department**



## 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.



## 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.



*"Shaping a smarter world through circuits, signals, and systems."*

## ABOUT PROGRAMMING CLUB

The Programming Club emphasizes advanced programming concepts, industry-oriented skills, and project-based learning. The club serves as a bridge between academics and industry by exposing students to modern development tools, coding standards, and real-world problem scenarios. Programming is treated not only as a technical skill but also as a creative and logical approach to solving complex challenges.

The club actively promotes innovation, encouraging students to work on practical applications, open-source contributions, and interdisciplinary projects. Through structured learning paths and mentorship, students gain deeper insights into software development, coding best practices, and professional problem-solving techniques. The Programming Club continues to empower students to excel in competitions, internships, and technical careers.

### Objectives of Engineering Clinic

- To develop industry-ready programming and software development skills
- To encourage innovation through project-based and research-oriented learning
- To enhance competitive programming and advanced problem-solving capabilities
- To promote participation in hackathons, coding leagues, and innovation challenges
- To prepare students for technical interviews and career opportunities

### Functions

- Organizes advanced workshops on data structures, algorithms, and software tools
- Conducts full-scale hackathons and innovation-based coding events
- Encourages students to work on real-time and interdisciplinary projects
- Provides mentoring for competitive programming, internships, and placements
- Creates opportunities for students to showcase their projects and technical skills



**"Commanding circuits. Controlling motion. Creating change."**

**Office Bearers and their Portfolios**

S.No	Name	Position
1.	Mr. Muruganandham J Assistant Professor / EEE	Staff Coordinator
2.	Mr. Shivasankkar I Assistant Professor / EEE	
3.	Gokulraj R	President
4.	Lalith Kumar	Vice President
5.	Nivethitha B	Secretary
6.	Karmukilan A	Treasurer
7.	Ishwarya Lakshmi S	Joint Secretary
8.	Madonna E	
9.	Varsinee S	Joint Treasurer
10.	Malaravan M	
11.	Abhinayaa M	Executive Members
12.	Santosh B B	
13.	Divyadharshini N	
14.	Pavinthran U	Technical Members
15.	Abdul Saleem A	
16.	Gokul V	



**Mr.J.Muruganandham**  
Assistant Professor  
Faculty coordinator



**Yogesh .G**  
President



**Jenifer F**  
Vice President



**Karthikeyan P**  
secretary



**Yogarajan R**  
Joint secretary



**Jayakumar D**  
Executive Member

## EEE Student Members

S.No	Name of the student	Year
1.	Vijay A	III
2.	Chandru A	III
3.	Hemachandasanam S	III
4.	Karmukilan A	III
5.	Lalith Kumar	III
6.	Mahesh	III
7.	Aswitha R	III
8.	Gopika	III
9.	Pooja R	III
10.	Pavinthran U	III
11.	Barani Dharan A	III
12.	Nivethitha B	III
13.	Sakthishwari S	III
14.	Akash N	III
15.	Abhinayaa M	III
16.	Jeni	III
17.	Ashwin Kumar S	III
18.	Jayalakshmi L	III
19.	Varsinee S	III
20.	Gokulraj R	III
21.	Ishwarya Lakshmi S	III
22.	Raakesh K	III
23.	Thirisha N	III
24.	Akash V	II
25.	Devanadan K	II
26.	Divya R	II
27.	Gokul V	II
28.	Malaravan M	II
29.	Neeraja J L	II
30.	Raja Sabari V	II
31.	Santosh B B	II
32.	Vaheendrane R	II
33.	Vasanthakumar S	II
34.	Abdul Saleem A	II
35.	Angalan A	II
36.	Dhanuja S	II
37.	Divyadharshini N	II
38.	Gokela S	II
39.	Madonna E	II
40.	Shibu B	II
41.	Thamizharasu E	II
42.	Thejeshwar Raja S	II
43.	Thirumurugan V	II

44.	Anbumani K	
45.	Aravind V	
46.	Deepika.C	
47.	Ilamsuruthi V	
48.	Kappiaselvan I	
49.	Logeshwar S	
50.	Poornaprakash	
51.	Pushpalatha V	
52.	Rangasamy D	
53.	Bharanidharan G	
54.	Gokuladharshini Z	
55.	Jayaa Varshiny S	
56.	Karthik Kishore P	
57.	Nandhinisha T	
58.	Pranava J S	
59.	Ravivarma A	
60.	Srishti Dash	

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**PROGRAMMING CLUB REPORT FOR 2024-25**

S.No	Date	Activities
1.	10.08.2024	Kick-off & Icebreaker Coding Session
2.	14.09.2024	Competitive Coding
3.	12.10.2024	Data Structures Workshop
4.	23.11.2024	Advanced Algorithms Workshop
5.	08.02.2025	AI/ML Coding Intro
6.	22.02.2025	Hackathon Prep + Team Formation
7.	08.03.2025	Project Showcase

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
PROGRAMMING CLUB REPORT**

Academic Year	:	<b>2024 - 2025</b>
Date /Day	:	<b>10.08.2024 / Saturday</b>
Name of Club:		<b>Programming club</b>
Activities	:	<b>Kick-off &amp; Icebreaker Coding Session</b>



The session aimed to introduce the objectives, vision, and planned activities of the Programming Club to the newly joined members. Interactive icebreaker activities and simple coding challenges were conducted to familiarize students with logical thinking and basic programming concepts. The event encouraged active participation and helped students overcome hesitation while approaching coding problems.

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**PROGRAMMING CLUB REPORT**

Academic Year	:	2024 - 2025
Date /Day	:	14.09.2024 / Saturday
Name of Club:		<b>Programming club</b>
Activities	:	<b>Competitive Coding</b>



The session focused on exposing students to real-time coding challenges similar to those encountered in national and international programming contests. Students were guided to solve algorithmic problems involving logical reasoning, conditional statements, loops, and basic data structures using online coding platforms. The activity emphasized time management, accuracy, and efficient coding practices. Peer discussions and solution analysis were carried out to help students understand multiple approaches to a single problem.

  
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