



# SRI MANAKULA VINAYAGAR

## ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION)

MADAGADIPET, PUDUCHERRY-605 107



## Department of Electrical and Electronics Engineering

### Student Induction Program Report

2025-26

1<sup>st</sup> Year B Sec



## Table of Contents

Preface.....	4
About the Institution.....	6
Institution .....	7
Vision .....	7
Mission.....	7
About the Department.....	7
Vision .....	7
Mission.....	7
Knowledge and Attitude Profile (WK) & PROGRAM OUTCOMES (POs) - 11 GRADUATE	
ATTRIBUTES.....	8
PROGRAMME EDUCATIONAL OBJECTIVES (PEOs).....	10
PROGRAMME SPECIFIC OUTCOMES (PSOs) .....	10
Programme offered.....	10
Syllabus - INDUCTION PROGRAMME (UHV - I).....	11
FIRST YEAR INDUCTION DAY 2025 .....	13
Circular .....	15
Student Induction Program Schedule.....	16
Different SIP Modules followed in Student Induction Program .....	21
Day 1 (19.09.2025): Schedule .....	22
SIP - 3: Familiarization of department - Welcome Address, Introduction & 8.45 AM – 10.25 AM .....	22
SIP - 1: Universal Human Values 1 - Getting to know each other & 10.25 AM – 11.15 AM.....	22
SIP - 9: Extra-curricular Activities - Singing competition & 11.30 AM – 1.10 PM .....	23
SIP - 3: Familiarization of Department & 1.50 PM – 2.40 PM .....	23
SIP - 3: Familiarization of Department - Discover Your Campus & 2.40 PM – 3.30 PM.....	24
SIP - 9: Extra-curricular Activities - Spot the Differences & 3.30 PM – 4.20 PM .....	24
Day 2 (20.09.2025): Schedule .....	25
SIP - 1: Universal Human Values 1 - Self-Exploration & 8.45 AM – 9.35 AM.....	25
SIP - 8: Creative Practices - Connections & 9.35 AM - 10.25 PM .....	25
SIP - 3: Familiarization of Department - Faculty Connect & 10.25 AM – 11.15 PM.....	26
SIP - 2: Physical Health and Related Activities - Importance of Sports and Its Benefits & 11.30 PM - 1.10 PM.....	26
SIP - 1: Universal Human Values 1 - Role of engineers in Society & 1.50 PM - 3.30 PM.....	27
SIP - 6: Proficiency Modules in English - Sentence Completion & 3.30 PM - 4.20 PM.....	27
Day 3 (22.09.2025): Schedule .....	28
SIP - 5: Lectures by Eminent People & 8.45 AM - 1.10 PM .....	28
SIP - 7: Literary Activities - தமிழர் மரபு, பண்பாடு, தொழில்நுட்பம் & 1.50 PM - 4.20 PM.....	28
Day 4 (23.09.2025): Schedule .....	29
SIP - 3: Familiarization of Department - Curriculum and Regulations & 8.45 AM - 10.25 PM .....	29
SIP - 6: Proficiency Modules - Bridge Course in Mathematics & 10.25 AM - 12.20 PM.....	29
SIP - 6: Proficiency Modules in English - Communication Skills & 12.20 PM - 1.10 PM .....	30
SIP - 8: Creative Practices - Drawing competition & 1.50 PM - 4.20 PM.....	30
Day 5 (24.09.2025): Schedule .....	31
SIP - 1: Universal Human Values 1 - Family, Peers, Society, Nation, Peer pressure & 8.45 AM - 10.25 AM... ..	31
SIP - 7: Literary Activities - Team building activities and Oral exercise & 10.25 AM - 12.20 PM .....	31
SIP - 2: Physical Health and Related Activities - Nutrition and diet awareness talk & 12.20 PM – 1.10 PM ....	32
SIP - 6: Proficiency Modules - Bridge Course in Mathematics & 1.50 PM – 4.20 PM.....	32
Day 6 (29.09.2025): Schedule .....	33
SIP - 2: Physical Health and Related Activities - Awareness on posture correction & 8.45 AM -10.25 AM.....	33
SIP - 6: Proficiency Modules - Bridge course in Mathematics & 10.25 AM-12.20 PM.....	33
SIP - 7: Literary Activities – Debate & 12.20 PM – 2.40 PM .....	34
SIP - 9: Extra-curricular Activities - NSS awareness activities & 2.40 PM - 4.20 PM .....	34
Day 7 (30.09.2025): Schedule .....	35
SIP - 9: Extra-curricular Activities - Fireless Cooking & 8.45 AM – 10.25 AM .....	35
SIP - 7: Literary Activities - Importance of Group discussion & 10.25 AM – 12.20 PM.....	35

SIP - 9: Extra-curricular Activities - Documentary and Short Film & 12.20 PM - 2.40 PM.....	36
SIP - 8: Creative Practices - Cinematic & 2:40 PM – 4.20 PM .....	36
<b>Day 8 (06.10.2025): Schedule .....</b>	<b>37</b>
SIP - 7: Literary Activities - Role play & 8.45 AM – 11.15 AM.....	37
SIP - 6: Proficiency Modules - Bridge course in mathematics & 11.30 AM - 12.20 PM .....	37
SIP - 1: Universal Human Values 1 - Time Management, Anger & 12.20 PM - 1.10 PM .....	38
SIP - 8: Creative Practices - Digital art creation & 1.50 PM – 2.40 PM.....	38
SIP - 2: Physical Health and Related Activities - First-aid training & 02.40 PM – 3.30 PM .....	39
SIP - 8: Creative Practices - Vocal & 3.30 PM - 4.20 PM .....	39
<b>Day 09 (07.10.2025): Schedule .....</b>	<b>40</b>
SIP - 6: Proficiency Modules - Bridge course in Mathematics & 8.45 AM – 10.25 AM .....	40
SIP - 6: Proficiency Modules - Bridge Course in C Programming & 10.25 AM – 12.20 PM.....	40
SIP - 1: Universal Human Values 1 & 12.20 PM – 1.10 PM .....	41
SIP - 8: Creative Practices - Craft paper Making Activity & 1.50 PM – 4.20 PM.....	41
<b>Day 10 (08.10.2025): Schedule .....</b>	<b>42</b>
SIP - 3: Familiarization of Department - Basic principles of electronics & 8.45 AM – 10.25 AM .....	42
SIP - 1: Universal Human Values 1 & 10.25 AM – 12.20 PM.....	42
SIP - 8: Creative Practices - Mimicry & 12.20 PM – 1.10 PM.....	43
SIP - 6: Proficiency Modules - Bridge Course in C Programming & 1.50 PM – 3.30 PM .....	43
SIP - 9: Extra-curricular Activities - Photography walk & 3.30 PM – 4.20 PM.....	44
<b>Day 11 (9.10.2025): Schedule .....</b>	<b>45</b>
SIP - 5: Lectures by Eminent People - Motivational Program & 8.45 AM – 4.40 PM.....	45
<b>Day 12 (10.10.2025): Schedule .....</b>	<b>46</b>
SIP - 2: Physical Health and Related Activities - Importance of Stress-Relief Exercise & 8.45 AM – 9.35 AM.....	46
SIP - 3: Familiarization of Department & 9.35 AM - 10.25 AM.....	46
SIP - 6: Proficiency Modules - Bridge Course in Mathematics & 10.25 AM – 11.15 AM.....	47
SIP - 9: Extra-curricular Activities - Eco-Club Activities Awareness Program & 11.30 AM – 12.20 PM.....	47
SIP - 3: Familiarization of Department & 12.20 PM – 1.10 PM.....	48
SIP - 6: Proficiency Modules In English & 1.50 PM - 3.30 PM.....	48
SIP - 3: Familiarization of Department & 3.30 PM – 4.20 PM .....	49
<b>Day 13 (11.10.2025): Schedule .....</b>	<b>50</b>
SIP - 6: Proficiency Modules - Bridge Course in Mathematics & 8.45 AM – 10.25 AM.....	50
SIP - 3: Familiarization of Department & 10.25 AM – 11.15 AM.....	50
SIP - 6: Proficiency Modules In English & 11.30 AM – 12.20 PM.....	51
SIP - 6: Proficiency Modules - Bridge Course in Mathematics & 12.20 PM – 1.10 PM.....	51
SIP - 4: Visit to M/S Sri Kailash Transformers & 02.00 PM - 4.30 PM .....	52
<b>Psychometric Test With Summary .....</b>	<b>53</b>
<b>Feedback and Report on the Student Induction Program .....</b>	<b>54</b>
<b>Summary of Student Induction Program.....</b>	<b>58</b>



## Preface

The **Student Induction Program** for the **batch 2025–2029** was held from **18.09.2025 to 11.10.2025** for the First Year / First Semester / B Section students in the department of EEE. The program was an **Orientation program** planned for the newly admitted students to get ready and adopt easily to the college environment.

The main aim of the program was to make students familiar with the Institution regulations, departments, courses, and the opportunities available for their learning and career growth. The program includes different activities such as introduction of the department, lecture by eminent people from industry, Alumni, motivational speakers, etc., Creative and Literary activity sessions, Activity through professional bodies and Workshops to improve both academic and personal skills.

Students also got a chance to know about the various technical and non-technical clubs and societies, helping them to find new interests and develop skills beyond their regular classes. The well-organized sessions and interactive activities helps students to connect with classmates, faculties and professionals, building confidence and a sense of belonging.

At the end of the Student Induction Program, students were ready to begin their studies with interest and confidence. The Student Induction Program helped to create a strong base for a happy and successful four years of college life.

**Dr. S. Ganesh Kumaran**

Associate Professor / Dept. of EEE

**Mr .S. Elanthamizh**

Assistant Professor / Dept. of EEE

**First Year Coordinators**

**Dr. D. Raja**

Professor / Dept. of EEE

**Programme Academic Coordinator**

**Dr. P. Jamuna**

**Professor & Head / Dept. of EEE**

**Dr. S. Anbumalar**  
**Dean Academics**

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



## About the Institution



Sri Manakula Vinayaga Educational Trust was founded to provide quality and affordable education to the weaker sections of society and is one of the best engineering college in Puducherry. The trust established Sri Manakula Vinayagar Engineering College (SMVEC) in 1999. SMVEC is an autonomous institution affiliated to Pondicherry University.

It offers a variety of undergraduate, postgraduate, and research programmes in Engineering, Arts and Science, Allied Health sciences, School of Agriculture, Centre of Legal Education, School of Physiotherapy and School of Pharmacy. This makes SMVEC an ideal choice for students looking through the Puducherry engineering college list.

SMVEC has a sprawling green campus with well-furnished infrastructure. The college has a Wi-Fi enabled campus, central library, high-end computing facilities, with advanced laboratories, centralized air-conditioned auditorium, campus security cameras and video surveillance system, mineral water plant, hostels for both boys and girls, Nila FM and other essential amenities like ATM and post office.

SMVEC has been accredited by NAAC and NBA. 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.

***“A Stimulating Place to Learn and Practice Technology”***

## Institution

### Vision

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

### Mission

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

## About the Department

The Department of Electrical and Electronics Engineering (EEE), which began in 1999 with an intake of 40 students, has developed dramatically, presently housing 120 students. The department dramatically emphasises research and industry engagement, working with companies such as TVS Lucas and Appasamy Associates. The department accredited by the NBA since 2008, updating its curriculum to incorporate developments in renewable energy, electric vehicles, and artificial intelligence. It also delivers value-added courses and soft skill training to improve student employability and prepare them for competitive tests. It fosters a learning environment that encourages research, creativity, and technical competence.

### Vision

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

### Mission

- **Quality Education:** To impart high quality technical education with problem solving capabilities by innovative pedagogy in emerging technologies.
- **Industrial and Societal needs:** To cater the dynamic needs of the industry and society by strengthening industry-institute interaction.
- **Research and Innovation:** To nurture the spirit of research attitude by carrying out innovative technologies pragmatically.
- **Placement and Entrepreneurship:** To inculcate the professionalism in career by advancing synergetic skills to compete in the corporate world.

## Knowledge and Attitude Profile (WK) & PROGRAM OUTCOMES (POs) - 11 GRADUATE ATTRIBUTES

### Knowledge and Attitude Profile (WK)

**WK1:** A systematic, theory-based understanding of the natural sciences applicable to the discipline and awareness of relevant social sciences.

**WK2:** Conceptually-based mathematics, numerical analysis, data analysis, statistics and formal aspects of computer and information science to support detailed analysis and modelling applicable to the discipline.

**WK3:** A systematic, theory-based formulation of engineering fundamentals required in the engineering discipline.

**WK4:** Engineering specialist knowledge that provides theoretical frameworks and bodies of knowledge for the accepted practice areas in the engineering discipline; much is at the forefront of the discipline.

**WK5:** Knowledge, including efficient resource use, environmental impacts, whole-life cost, re-use of resources, net zero carbon, and similar concepts, that supports engineering design and operations in a practice area.

**WK6:** Knowledge of engineering practice (technology) in the practice areas in the engineering discipline.

**WK7:** Knowledge of the role of engineering in society and identified issues in engineering practice in the discipline, such as the professional responsibility of

### Program Outcomes (POs)

**PO1: Engineering Knowledge:** Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

**PO2: Problem Analysis:** Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

**PO3: Design/Development of Solutions:** Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

**PO4: Conduct Investigations of Complex Problems:** Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

**PO5: Engineering Tool Usage:** Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

**PO6: The Engineer and The World:** Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

an engineer to public safety and sustainable development.

**WK8:** Engagement with selected knowledge in the current research literature of the discipline, awareness of the power of critical thinking and creative approaches to evaluate emerging issues.

**WK9:** Ethics, inclusive behavior and conduct. Knowledge of professional ethics, responsibilities, and norms of engineering practice. Awareness of the need for diversity by reason of ethnicity, gender, age, physical ability etc. with mutual understanding and respect, and of inclusive attitudes.

**PO7: Ethics:** Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

**PO8: Individual and Collaborative Team work:** Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

**PO9: Communication:** Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

**PO10: Project Management and Finance:** Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

**PO11: Life-Long Learning:** Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

## PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

### **PEO1: Professional Knowledge:**

To possess strong educational foundation in Electrical and Electronics Engineering to attain successful career with professional responsibility.

### **PEO2: Innovative Skills:**

To enrich the skills to design and develop innovative solutions for engineering problems in a multidisciplinary environment.

### **PEO3: Ethics:**

To actively embrace leadership qualities for achieving professional goals with ethical values.

### **PEO4: Adaptability:**

To enhance intellectual competency along with technical skills by adapting to the current trends through eternal learning.

## PROGRAMME SPECIFIC OUTCOMES (PSOs)

### **PSO1: Core Proficiency:**

Utilize the engineering core knowledge to identify, formulate, design, and investigate the complex engineering problems of Power Electronics, Electrical Machines and Power Systems.

### **PSO2: Cutting Edge Technologies:**

Explore the new cutting-edge technologies in the field of Electric Vehicle, Automation, Artificial Intelligence, Robotics and Renewable Energy to compete in global market.

### **PSO3: Design and Evolution:**

Capability to comprehend the technological advancements with the usage of modern design tools for analysing and designing systems to confront the rapid pace of industrial innovations.

## Programme offered

- **B.Tech -Electrical and Electronics Engineering**

## Syllabus - INDUCTION PROGRAMME (UHV - I)

<b>Programme</b>	:	B.Tech.
<b>Department</b>	:	Electrical and Electronics Engineering
<b>Semester</b>	:	First
<b>Course Code</b>	:	U23EEM101

### Course Outcome

The course will enable the student to BT Mapping

CO1	Develop holistic attitude and harmony in the individual, family, and Society	(K2)
CO2	Acquire grammar skills and capable to write and speak English confidently	(K2)
CO3	Understand the basic concepts in Mathematics and Programming	(K2)
CO4	Know about the art and culture, language and literature of this vast secular nation	(K2)
CO5	Identify the inherent talent and develop it professionally	(K3)

### UNIT-I Universal Human Values

**Periods: 12**

Welcome and Introductions - Getting to know each other, Aspirations and Concerns - Individual Academic and Career, Expectations of Family, Peers, Society, Nation, Fixing one's Goals, Self-Management - Self-confidence, Peer Pressure, Time Management, Anger, Stress Personality Development, Self-improvement, Health - Health issues, Healthy diet, Healthy lifestyle, Hostel life, Relationships - Homesickness, Gratitude towards Parents, Teachers and others Ragging and interaction, Competition and Cooperation, Peer Pressure, Society - Participation in Society, Natural Environment - Participation in Nature, Sum Up - Role of Education, Need for a Holistic Perspective, Self-evaluation and Closure - Sharing and feedback.

### UNIT-II Proficiency in English

**Periods: 12**

Communication skills - Prognostic test on Grammar - Synonyms, Antonyms, Tenses, Sentence Completion, Idioms and Phrases, One- word Substitution, Homophones, Homonyms, Use of Prepositions, Subject - verb Agreement - Writing - Paragraph writing, Letter writing, Essay writing, Story Development.

### UNIT-III Bridge course in Mathematics and C Programming

**Periods: 12**

Mathematics: Fundamentals of differential and integral calculus: Theory and Practice, Limit of function - Fundamental results on limits - Continuity of a function - Concept of differentiation - Concept of derivative - Slope of a curve - Differentiation Techniques - Derivatives of elementary functions from first principle - Derivatives of inverse functions - Logarithmic differentiation - Method of substitution - Differentiation of parametric functions - Differentiation of implicit functions - Higher order derivatives. Integrals of functions containing linear functions - Method of integration Decomposition method, method of substitution, integration by parts - Definite integrals. Simple definite integrals - Properties of Definite integrals - Reduction formulae - Area and volume - Length of curve - surface area of a solid.

C Programming: Features of C and its basic Structure - Keywords - constants - variables - operators - Data types - Formatted input and output statements - Control and Looping statement - Arrays - Functions - Strings - writing simple C programs.

### UNIT-IV Literary activities

**Periods: 12**

Team building activities - Quiz - Oral Exercises - Group discussion, Debate, Extempore, Roleplay, சிறப்பு சொற்பொழிவு – தமிழர் மரபு மற்றும் தமிழர் தொழில்நுட்பம்

### UNIT-V Creative arts

**Periods: 12**

Introduction to painting and renowned art works - Documentary and Short films - Music - Vocal, Instrumental - Dance - Classical, Cinematic - Mimicry - Mime

**Lecture Periods: 60 Tutorial Periods: - Practical Periods: - Total Periods: 60**

### Reference Books

1. R.R Gaur, R. Asthana, G.P. Bagaria, A Foundation Course in Human Values and Professional EthicsII, Excel Books, New Delhi, 2<sup>nd</sup> Revised Edition, 2019.
2. R. Kumar Mohan, English Grammar for all (Functional and Applied Grammar) II, Unicare Academy, 2022.
3. Oxford A-Z of Grammar and PunctuationII, Oxford Publication, 2013.
4. B.V. Ramana, Higher Engineering MathematicsII, Tata McGraw Hill, New Delhi, 6<sup>th</sup> Edition, 2018.
5. Dr. A. Singaravelu, Engineering Mathematics - III, Meenakshi Publications, 2019.
6. E. Balagurusamy, Programming in ANSI C", McGraw Hill, 8<sup>th</sup> Edition, 2019.
7. Dr.K.K.Pillay, Social Life of TamilsII, A Joint Publication of TNTB and ESC and RMRL.
8. R.Balakrishnan, Journey of CivilizationII, Roja muthiah Research Publishers, 1<sup>st</sup> Edition 2019.
9. கே.கே. பிள்ளை எழுதிய "தமிழக வரலாறு: மக்களும் பண்பாடும்" , சென்னை, உலகத் தமிழாராய்ச்சி நிறுவனம் 2002.
10. முனைவர் இல.சுந்தரம், "கணினித்தமிழ்",. விகடன்பிரசுரம்.
11. கீழடி – வைகை நதிக்கரையில் சங்ககால நகரநாகரிகம், தமிழ்நாடு அரசு தொல்லியல் துறை


### Web References


1. <http://www.newsociety.com/Books/S/Slow-isBeautiful>
2. <https://www.aplustopper.com/formal-letter/>
3. <https://www.javatpoint.com/c-programming-language-tutorial>
4. <http://www.math.cum.edu/~wn0g/2ch6a.pdf>
5. <https://education.nsw.gov.au/teaching-and-learning/curriculum/creative-arts>

## FIRST YEAR INDUCTION DAY 2025

The **First-Year Induction Day** for the **academic year 2025–2026** was held on the college premises to warmly welcome the new batch of students admitted to the **B.Tech. Programme (Batch :2025–2029)**. The event is aimed to provide the students with **insightful exposure, essential academic guidelines, and motivational guidance** as they commence their engineering journey.

The program served as a platform to familiarize the students with the institution's vision, values, and academic culture, thereby easing their transition into college life. The Induction Day celebration created a **positive and inspiring start**, fostering a sense of **confidence, enthusiasm, and belonging** among the first-year students as they embarked on their academic pursuit at the institution.

 **SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



The Management, Director, Deans, Staff and Students  
Cordially invite you for the

**FIRST YEAR  
INDUCTION  
DAY**

Thursday 18<sup>th</sup> Sep 2025  
9.30AM | College Premises

Chief Guest  
**Shri. NATARAJAN SWAMINATHAN**  
Delivery Head, Cyber Security – TCS, Chennai

Presidential Address  
**Shri. M. DHANASEKARAN**  
Chancellor, Takshashila University, Tindivanam, Tamil Nadu  
Chairman and Managing Director, SMVET, Madagadipet, Puducherry

Felicitating Address

<b>Dr. K. NARAYANASAMY</b> Secretary, SMVE Trust	<b>Shri. D. RAJARAJAN</b> Treasurer, SMVE Trust	<b>Shri. S. VELAYUDHAM</b> Joint Secretary, SMVE Trust
---	--	---

Welcome Address  
**Dr. V.S.K. VENKATACHALAPATHY**  
Director cum Principal, SMVEC

<b>Dr. S. Jayakumar</b> Controller of Examinations	<b>Dr. S. Anbumalar</b> Dean Academics	<b>Dr. A.A. Arivalagar</b> Dean Academics	<b>Dr. N.S.N. Cailassame</b> Dean Placement
---	---	--	--

Your esteemed presence is immensely solicited

A stimulating place to learn and practice technology



The First-Year Induction Day Program was held on 18<sup>th</sup> September 2025 with great enthusiasm to welcome the newly admitted students. The event began with a Welcome Address by **Dr. V. S. K. Venkatachalapathy, Director cum Principal**, who spoke about the institution's legacy of excellence, Centres of Excellence, and innovative initiatives such as the AICTE IDEA Lab that promote creativity and skill development. The Presidential Address by **Shri. M. Dhanasekaran, Chairman and Managing Director**, inspired the students and endorsed the institution's commitment to providing holistic education and nurturing young talent. **Shri. Natarajan Swaminathan, Delivery Head – Cyber Security, TCS Chennai**, delivered the Chief Guest Address, sharing the latest trends in the IT industry and growing importance of cyber security and emerging technologies. The program concluded with a Vote of Thanks by **Dr. S Jayakumar, COE**, who expressed gratitude to all dignitaries, faculty, students, and parents for their participation and support. The event successfully marked an inspiring beginning for the first-year students at Sri Manakula Vinayagar Engineering College.

The circular and schedule for Student Induction Program is attached here.

## Circular



SRI MANAKULA VINAYAGAR  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



SMVEC / Academic/Circular/2025-26/ 05

Date: 20.08.2025

### CIRCULAR

All the HoDs are kindly requested to schedule the **Student Induction programme** Activities for the **First year students (Batch: 2025 - 2029)** as per AICTE guidelines (Physical activity, creative Arts, Universal Human Values, Literary, Proficiency modules, Lectures by eminent people, visit to local areas and familiarization to dept./Branch & Innovations) and the detailed schedule should be submitted to the academic section well in advance before the commencement of student induction Programme and it has to be carried out as per academic calendar (from 22.09.2025 to 11.10.2025) without any deviations. A coordinator has to be assigned in each department to execute these activities.

#### **List of Activities to be performed in Student Induction Programme:**

- SIP Module 1: Universal Human Values 1 (UHV 1)
- SIP Module 2: Physical Health and Related Activities
- SIP Module 3: Familiarization of department / Branch of Innovation
- SIP Module 4: Visit to a Local Area
- SIP Module 5: Lectures by Eminent People
- SIP Module 6: Proficiency Modules
- SIP Module 7: Literature / Literary Activities
- SIP Module 8: Creative Practices
- SIP Module 9: Extra Curricular Activities
- Feedback and Report on the Program

**Note: AICTE guideline is attached**

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

  
**DIRECTOR cum PRINCIPAL**  
(Dr. V. S. K. Venkatachalapathy)

#### **Copy To:**

1. All HoDs (Engineering)
2. Office File

## Student Induction Program Schedule



**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
— AN ACCREDITED INSTITUTION —



Department of Electrical and Electronics Engineering  
Details of the Induction Programme Schedule – Batch (2025 - 2029)

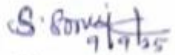
**Year / Sem / Section:** 1 year / 1 semester / B section

**Course name / Course code:** Induction Programme (UHV - I) / U23EEM101


Sl. No.	Date / Day	Hour / Time / Staff-in charge								
		Hour 1 8.45 AM – 9.35 AM	Hour 2 9.35 AM – 10.25 AM	Hour 3 10.25 AM – 11.15 AM	Hour 4 11.30 AM – 12.20 PM	Hour 5 12.20 PM – 1.10 PM	Hour 6 1.50 PM – 2.40 PM	Hour 7 2.40 PM – 3.30 PM	Hour 8 3.30 PM – 4.20 PM	
1.	19.09.2025 / Friday	Familiarization of Department: Welcome Address, About the department and self-introduction by faculties (Dr.P.Jamuna, Prof & Head/EEE)		Familiarization of Department: Welcome speech by senior students		Familiarization of Department: Department visit (Dr.S.Ganesh Kumaran, ASP/EEE & Mr.I.Shivasankkar AP/ EEE)		Familiarization of Department: Campus visit Dr.S.Ganesh Kumaran, ASP/EEE & Mr.I.Shivasankkar AP/ EEE)		
2.	20.09.2025 / Saturday	Bridge Course in Mathematics Fundamentals of differential and integral calculus: Theory and Practice, Limit of function - Fundamental results on limits - Continuity of a function (Ms.Lavanya, AP/ Maths)		Familiarization of Department: Importance of Core Placement and its opportunities (Mr.J.Muruganandham, AP/EEE)		Regulations and curriculum – 2023, Departmental Achievements (Dr.D.Raja, Prof/EEE)		Proficiency Modules in English – Communication skills (Ms.R.Gajalakshmi – AP / English Dept.)		
3.	22.09.2025 / Monday	Familiarization of Branch of Innovation: Lecture on “Role of Engineers in Nation Building” Director cum Principal, Deans and HoDs					Literary Activities – Lecture by Eminent People “தமிழர் மரபு மற்றும் தமிழர் தொழில்நுட்பம்”			
4.	23.09.2025 / Tuesday	Literary Activities – Lecture by Eminent People “தமிழர் மரபு மற்றும் தமிழர் தொழில்நுட்பம்”					Familiarization of Branch of Innovation: Lecture on “The Future of Electrical and Electronics Engineering” Director cum Principal, Deans and HoDs			
5.	24.09.2025 / Wednesday	UHV I - Welcome and Introductions - Getting to know each other, Aspirations and Concerns - Individual Academic and Career (Dr.D.Sivaraj, ASP/EEE)		Literary Activities - Team Building Activities, Oral Exercise (Mr.J.Muruganandham, AP/EEE)		Bridge Course in Mathematics-- Concept of differentiation - Concept of derivative - Slope of a curve -Differentiation Techniques - Derivatives of elementary functions from first principle - Derivatives of inverse functions - Logarithmic differentiation - Method of substitution (Ms.Lavanya, AP/ Maths)		Proficiency Modules in English – Prognostic test on Grammar Synonyms, Antonyms (Ms.R.Gajalakshmi – AP / English )		

6.	25.09.2025 / Thursday	Proficiency Modules - Cliphamp Software and Hands-on (Dr.Ganesh Kumaran, ASP/ EEE)		Familiarization of Department: Career Opportunities for EEE Graduates (Mr.B.Parthiban, ASP/EEE)	Literary activities- Group Discussion (Dr.D.Sivaraj, ASP/EEE)	Physical Health and Related Activities : Sports Activity (Mr.S.Elanthamizh AP/ EEE)
7.	26.09.2025 / Friday	C programming – Features of C and its basic Structure - Keywords - constants - variables - operators - Data types (Mr. I.Shivasankkar, AP/ EEE)		Creative Arts - Introduction to painting and renowned artworks (Mr.G.Rajavel, AP/ EEE)	Extra-Curricular Activities Technical Quiz (Mr.Ragunath, AP/ EEE)	Familiarization of Department: Exploring the Heart of Engineering: A Guided Tour of Electrical Labs and Equipment" (Mr.G.Rajavel, AP/ EEE)
8.	27.09.2025 / Saturday	UHV I – Expectations of Family, Peers, Society, Nation, Fixing one's Goals, Self-Management - Self-confidence, Peer Pressure (Mr.S.Elanthamizh, AP/ EEE)		Proficiency Modules - Canvas Software and Examples (Dr.Ganesh Kumaran, ASP/ EEE)	"Spark of Curiosity: Fun Mini Experiments in Electricity" (Mr.G.Rajavel, AP/ EEE)	Creative Arts - Documentary and Short films (Mr.R.Vignesh, AP/EEE)
9.	29.09.2025 / Monday	Extra-Curricular Activities IEEE activities (Mr.Vignesh, AP/EEE)		Bridge Course in Mathematics - Differentiation of parametric functions - Differentiation of implicit functions - Higher order derivatives. Integrals of functions containing linear functions - Method of integration (Decomposition method, method of substitution, integration by parts (Ms.Lavanya, AP/ Maths)	Literary Activities – Debate (Dr.D.Sivaraj/ASP/EEE)	Lectures by Eminent People Entrepreneur Activity (Mr.J.Muruganandham, AP/ EEE)
10.	30.09.2025 / Tuesday	Literary Activities – Extempore (Mr.K.Thangaraj, AP/EEE)		Proficiency Modules in English-Tenses, Sentence Completion (Ms.R.Gajalakshmi – AP / English)	Creative arts – Vocal (Mr.K.Thangaraj, AP/EEE)	Extra-Curricular Activities ISTE Activities (Mr.S.Elanthamizh AP/ EEE)
11.	03.10.2025 / Friday	UHV I – Time Management, Anger, Stress Personality Development, Self-improvement (Mr.G.Rajavel AP/ EEE)	The Role of Engineers in Society (Mr.B.Parthiban, ASP/EEE)	C programming – Formatted input and output statements - Control and Looping statement - Arrays - Functions - Strings - writing simple C programs (Mr. J.Muruganandam AP/ EEE)	Proficiency Modules in English - Idioms and Phrases, One-word Substitution, Homophones (Ms.R.Gajalakshmi – AP / English)	Physical Health and Related Activities : Yoga and Meditation (Mr.Mugundhan AP/ EEE)

12.	06.10.2025 / Monday	UHV 1 - Gratitude towards Parents, Teachers and others Ragging and interaction, Competition and Cooperation, Peer Pressure (Mr. I.Shivasankkar, AP/ EEE)	Bridge Course in Mathematics - Definite integrals. Simple definite integrals - Properties of Definite integrals - Reduction formulae - Area and volume - Length of curve - surface area of a solid. (Ms.Lavanya, AP/ Maths)	Extra-Curricular Activities Introduction to AI Tools and its importance in electrical engineering (Dr.S.Ganesh Kumaran, ASP/EEE)	UHV 1 -Need for a Holistic Perspective, Self-evaluation and Closure - Sharing and feedback. (Mr. I.Shivasankkar, AP/ EEE)
13.	07.10.2025 / Tuesday	UHV 1 - Health - Health issues, Healthy diet, Healthy lifestyle, Hostel life, Relationships - Home sickness (Mr.K.Thangaraj, AP/EEE)	Proficiency Modules in English - Homonyms, Use of Prepositions, Subject-verb Agreement - Writing (Ms.R.Gajalakshmi - AP / English Dept.)	UHV 1 - Society - Participation in Society, Natural Environment - Participation in Nature, Sum Up - Role of Education (Mr. I.Shivasankkar, AP/ EEE)	Creative Arts (Mrs.T.Porselvi, AP/EEE)
14.	08.10.2025 / Wednesday	Visit to Local Area (Dr.S.Ganesh Kumaran, ASP/EEE & Mrs.T.Abinayasaraswathy AP/ EEE)			Literary Activities - Role Play (Mr.J.Muruganandham, AP/EEE)
15.	09.10.2025 / Thursday	Extra-Curricular Activities Mathematics short cut methods (Mr.S.John Powl, ASP/EEE)	Familiarization of Department: Introduction to Electrical Simulation Software (Mr.K.Thangaraj, AP/EEE)	Lectures by Eminent People Alumni interaction (Mr.Mugundhan, AP/EEE)	Extra-Curricular Activities Fire free cooking (Ms.T.Abinayasarwathy, AP/EEE)
16.	10.10.2025 / Friday	Extra-Curricular Activities IEI activities (Mr.S.Elanthamizh, AP/EEE)	Extra-Curricular Activities Digital Poster Competition (Mr.Ragunath, AP/EEE)	C Programming - Arrays , Functions, Strings (Mr. J.Muruganandam AP/ EEE)	Creative Arts – Cinematic (Mr.G.Rajave, AP/EEE l)
17.	11.10.2025 / Saturday	Proficiency Modules in English - Paragraph writing, Letter writing, Essay writing, Story Development (Ms.R.Gajalakshmi - AP / English)	Lectures by Eminent People Entrepreneur (Mr.J.Muruganandham, AP/EEE)	Psychometric Test (Dr.S.Ganesh Kumaran, ASP/EEE)	Feedback and Report on the Program (Dr.S.Ganesh Kumaran, ASP/EEE)

  
Class Advisor  
Dr.S.Ganesh Kumaran

  
Programme Academic Coordinator  
Dr.D.Raja

  
HOD/EEE  
Dr.P.Jamuna

  
Dean Academics  
Dr.S.Anbumalar

  
Director Cum Principal  
Dr. VSK Venkatachalapathy

The List of Students attended the Student Induction Program is given below.

S.NO	ENROLL NO	NAME
1.	2511876	ABDUL AJEES K
2.	2510795	ALNOOR JASIM J
3.	2512211	ASHWINKUMAR A
4.	2511770	BATHMANABAN E
5.	2511086	BOKUL RAJ S
6.	2512071	DEEPAKRAAJ R
7.	2512234	DEEPIKA S
8.	2510387	DHEEPAK KUMAAR R
9.	2510495	DHIVYADHARSHINI S
10.	2511607	DHIYA SREE
11.	2511360	DIVAHAR G
12.	2510949	ESHWAR P
13.	2510408	GOKULANATHAN D
14.	2511790	HARIHARASUTHAN S
15.	2512161	HARISHA S
16.	2510498	HARSHIDHA C
17.	2510722	HILDA CLAIN RUTH P
18.	2510946	JAGADEESH V
19.	2511936	KARTHIKEYAN S
20.	2510891	KEERTHANA J
21.	2510773	KISHORE G
22.	2511823	KISHORE M
23.	2511862	KRITHISH M
24.	2511981	LINGESHKAR G
25.	2511958	MADANIKA B
26.	2510772	MADHAV K
27.	2510233	MANGAIYARKARASI S
28.	2511739	MARIE ADELIN U
29.	2510345	MOUNESH U
30.	2510774	MUGESH KRISHNAN N K S
31.	2512217	MUGILAN S
32.	2511980	MUKESH S
33.	2510633	MUKESH S
34.	2511997	NAVEEN G
35.	2511440	NISHANTHNI P
36.	2511017	POOJA SRI B J
37.	2510502	PRADEEP KUMAR B
38.	2511517	PRAGATHEESHWARAN D
39.	2512143	PRITHISHVARAN S
40.	2510798	PRIYAN B

41.	2510952	PRIYAN S
42.	2511522	PUGAZHENTHI I
43.	2511987	RAJKUMAR S
44.	2511918	RAKSHANA J
45.	2512163	RANJINI B
46.	2512244	RISHIKUMAR D
47.	2510207	SADHANA E
48.	2510748	SATHIASEELAN G
49.	2510479	SRI VAISHNAVI DEVI S
50.	2512198	SRIDHARAN K
51.	2510841	SUBASH I
52.	2512038	SUBHAM REDDY G
53.	2512145	VELAN P
54.	2510875	VIGNESHWARAN R
55.	2510954	VIJAYARAGAVAN A
56.	2512134	YAGESH S
57.	2510735	YOKESHWARAN V
58.	2511809	YUVARAJ P

## **Different SIP Modules followed in Student Induction Program**

- SIP Module 1: Universal Human Values 1 (UHV 1)
- SIP Module 2: Physical Health and Related Activities
- SIP Module 3: Familiarization of department/ Branch of Innovation
- SIP Module 4: Visit to a Local Area
- SIP Module 5: Lectures by Eminent People
- SIP Module 6: Proficiency Modules
- SIP Module 7: Literature/ Literary Activities
- SIP Module 8: Creative Practices
- SIP Module 9: Extra-curricular Activities
- Feedback and Report on the Program

## Day 1 (19.09.2025): Schedule

- Name of the Event & Time** : SIP - 3: Familiarization of department - Welcome Address, Introduction & 8.45 AM – 10.25 AM
- Staff Coordinator** : Dr. S. Ganesh Kumaran, Associate Professor / EEE
- Date and Venue** : 19.09.2025 & Lecture Hall-414



Dr.S.Ganesh Kumaran, Associate Professor/ EEE, delivered about the code of conduct to be followed within the college. The session facilitated a clear understanding of the institutional rules and regulations among the first-year students.

- Name of the Event & Time** : SIP - 1: Universal Human Values 1 - Getting to know each other & 10.25 AM – 11.15 AM
- Staff Coordinator** : Mr.S. Mugundhan, Assistant Professor / EEE
- Date and Venue** : 19.09.2025 & Lecture Hall-414



It was an interactive session in which students shared their introduction with one another. This activity helped them get to know their peers better and supported the development of positive relationships within the class. The session encouraged everyone to participate actively, creating a welcoming and cooperative environment that set the stage for smooth and meaningful interactions throughout the program.

**Name of the Event & Time** : SIP - 9: Extra-curricular Activities - Singing competition & 11.30 AM – 1.10 PM  
**Staff Coordinator** : Mr.S.Mugundhan, Assistant Professor / EEE  
**Date and Venue** : 19.09.2025 & Lecture Hall-414



The Singing Competition conducted as part of the Student Induction Program, received an overwhelmingly positive response from the participants. Students appreciated the opportunity to showcase their talents in a supportive and encouraging environment. The event helped them build confidence, express creativity, and engage actively with their peers.

**Name of the Event & Time** : SIP - 3: Familiarization of Department & 1.50 PM – 2.40 PM  
**Staff Coordinator** : Mr.S.Elanthamizh, Assistant Professor / EEE  
**Date and Venue** : 19.09.2025 & Lecture Hall-414



Mr. S. Elanthamizh, AP/EEE has explained the vision, mission, infrastructure details, and academic activities of the department. This session aimed to help students to understand the scope and significance of electrical field and the various opportunities available in both core and interdisciplinary domains.

Faculty members also briefed to the students about the department's laboratories, research facilities, and ongoing projects, highlighting how these resources support hands-on learning and innovation.

**Name of the Event & Time** : SIP - 3: Familiarization of Department - Discover Your Campus & 2.40 PM – 3.30 PM  
**Staff Coordinator** : Mr.K.Thangaraj, Assistant Professor / EEE  
**Date and Venue** : 19.09.2025 & Lecture Hall-414



The students were taken to an extensive tour of the campus and the departmental laboratories. This visit helped them to become familiar lecture halls, labs, the library, and various research facilities. A key highlight of the tour was the visit to the various Centre of Excellences, where they were introduced to recent advancements in e-mobility, and the ongoing research activities carried out by the institution in this rapidly growing field.

The department tour provided the first-year students with a better understanding of the available infrastructure and learning resources. It also encouraged them to take interest in practical learning and motivated them to engage actively in hands-on activities during their upcoming years of engineering education.

**Name of the Event & Time** : SIP - 9: Extra-curricular Activities - Spot the Differences & 3.30 PM – 4.20 PM  
**Staff Coordinator** : Mr.S.Mugundhan, Assistant Professor / EEE  
**Date and Venue** : 19.09.2025 & Lecture Hall-414



A literary activity titled “Spot the Differences” was organized for the first-year students. The main objective of this event was to improve students’ focus, observation skills, and critical thinking in an enjoyable and interactive way.

For the activity, students were grouped into small teams and given sets of pictures that contained minor differences. Each group enthusiastically took part in identifying the variations within the given time limit. The activity created a lively and engaging atmosphere, promoting teamwork, alertness, and a sense of friendly competition among the students.

## Day 2 (20.09.2025): Schedule

- Name of the Event & Time** : SIP - 1: Universal Human Values 1 - Self-Exploration & 8.45 AM – 9.35 AM
- Staff Coordinator** : Dr. S. Ganesh Kumaran, Associate Professor / EEE
- Date and Venue** : 20.09.2025 & Lecture Hall-414



The session emphasized the importance of self-discovery, motivating students to reflect on themselves and recognize their true goals for leading a fulfilling and successful life. The facilitator led a discussion distinguishing short-term pleasures from long-lasting happiness, connecting these ideas to the decisions students make in their everyday academic activities.

- Name of the Event & Time** : SIP - 8: Creative Practices - Connections & 9.35 AM - 10.25 PM
- Staff Coordinator** : Mr. S. John Powl, Assistant Professor / EEE
- Date and Venue** : 20.09.2025 & Lecture Hall-414



It was an enjoyable and thought-provoking activity that helped lighten the atmosphere and encouraged students to think creatively while working together with their peers. Overall, **CONNECTIONS** proved to be highly successful, showcasing the remarkable cognitive abilities and collaborative spirit of the students.

**Name of the Event & Time** : SIP - 3: Familiarization of Department - Faculty Connect & 10.25 AM – 11.15 PM  
**Staff Coordinator** : Department Faculty Members  
**Date and Venue** : 20.09.2025 & Lecture Hall-414



Faculty Connect is an interactive session conducted to introduce the department faculty members to the first-year students. During the session, each faculty member provides a brief overview of their educational background, areas of specialization, and the courses they will be handling. This activity helps students become familiar with their mentors, promotes approachability, and lays the groundwork for developing a strong and supportive student–teacher relationship throughout their academic journey.

**Name of the Event & Time** : SIP - 2: Physical Health and Related Activities - Importance of Sports and Its Benefits & 11.30 PM - 1.10 PM  
**Staff Coordinator** : Dr.S.Ganesh Kumaran, Associate Professor  
**Date and Venue** : 20.09.2025 & Lecture Hall-414



An Awareness Program on the Importance of Sports and Its Benefits was conducted as a part of the Student Induction Program to highlight the role of physical activities in maintaining a healthy and balanced lifestyle. The session aimed to motivate first-year students to actively participate in sports and understand its long-term advantages.

During the program, our Alumnus (**Mr. Kishore, CEO, AR Sports Verse, Puducherry**) highlighted how regular sports participation improves physical fitness, strengthens immunity, enhances concentration, and reduces stress.

**Name of the Event & Time** : SIP - 1: Universal Human Values 1 - Role of engineers in Society & 1.50 PM - 3.30 PM  
**Staff Coordinator** : Mr. J. Muruganandham, Assistant Professor / EEE  
**Date and Venue** : 20.09.2025 & Lecture Hall-414



The session was conducted to highlight the significance of electrical engineers in diverse areas, including power generation, renewable energy systems, industrial automation, and emerging smart technologies. Faculty explained how electrical engineers are instrumental in driving technological advancement and developing sustainable energy solutions for the future. The students gained meaningful understanding of the various career prospects, the social responsibilities associated with the profession, and the importance of innovation within the field of electrical engineering.

**Name of the Event & Time** : SIP - 6: Proficiency Modules in English - Sentence Completion & 3.30 PM - 4.20 PM  
**Staff Coordinator** : Ms. R.Gajalakshmi, Assistant Professor / English  
**Date and Venue** : 20.09.2025 & Lecture Hall-414



The session was conducted to connect technical learning with professional communication skills, highlighting that strong communication ability is essential for achieving success in their profession.

## Day 3 (22.09.2025): Schedule

- Name of the Event & Time** : SIP - 5: Lectures by Eminent People & 8.45 AM - 1.10 PM  
**Staff Coordinator** : Ms T.Abinaya Saraswathy, Assistant Professor / EEE  
**Date and Venue** : 22.09.2025 & Auditorium



The program began with presentations from the Heads of various Departments, who outlined the importance and contribution of their respective departments to the society. These sessions helped students gain a clear understanding of the learning pathways and support facilities available in each department.

After the HoDs' presentations, the Director cum Principal, Controller of Examinations (COE), and Deans addressed the students. They stressed the importance of academic excellence, discipline, and overall personal development throughout the course of study. Their speeches also highlighted the value of innovation, research involvement, and professional ethics, inspiring the students to set purposeful goals and make meaningful use of the institutional resources provided to them.

- Name of the Event & Time** : SIP - 7: Literary Activities - தமிழர் மரபு, பண்பாடு, தொழில்நுட்பம் & 1.50 PM - 4.20 PM  
**Staff Coordinator** : Mr.S.Mugundhan, Assistant Professor / EEE  
**Date and Venue** : 22.09.2025 & Auditorium



The literary activity session was held in the Auditorium and was facilitated by **Mr. Madurai V. Ramakrishnan, a well-known author, lyricist, and motivational speaker.** The program included thought-provoking presentations on Thamizhar Marabhu, Thamizhar Panbadu, and Thamizhar Thozhilnutpam, showcasing the rich heritage, cultural practices, and professional ethos of the Tamil community. Throughout the session, the speaker engaged and inspired them to value Tamil literature, uphold cultural identity, and cultivate motivation for both academic and personal development. .

## Day 4 (23.09.2025): Schedule

- Name of the Event & Time** : SIP - 3: Familiarization of Department - Curriculum and Regulations & 8.45 AM - 10.25 PM
- Staff Coordinator** : Dr. P. Jamuna, Professor & Head / EEE
- Date and Venue** : 23.09.2025 & Lecture Hall-414



In this session, students were briefed on the overall structure of the Programme, including core and elective courses, credit allocation, and the importance of laboratory sessions and project work in shaping their academic growth. The session also outlined key academic regulations, such as attendance requirements, examination procedures, grading criteria, and the principles of academic honesty.

- Name of the Event & Time** : SIP - 6: Proficiency Modules - Bridge Course in Mathematics & 10.25 AM - 12.20 PM
- Staff Coordinator** : Mrs. S.P.Lavanya, Assistant Professor / Mathematics
- Date and Venue** : 23.09.2025 & Lecture Hall-414



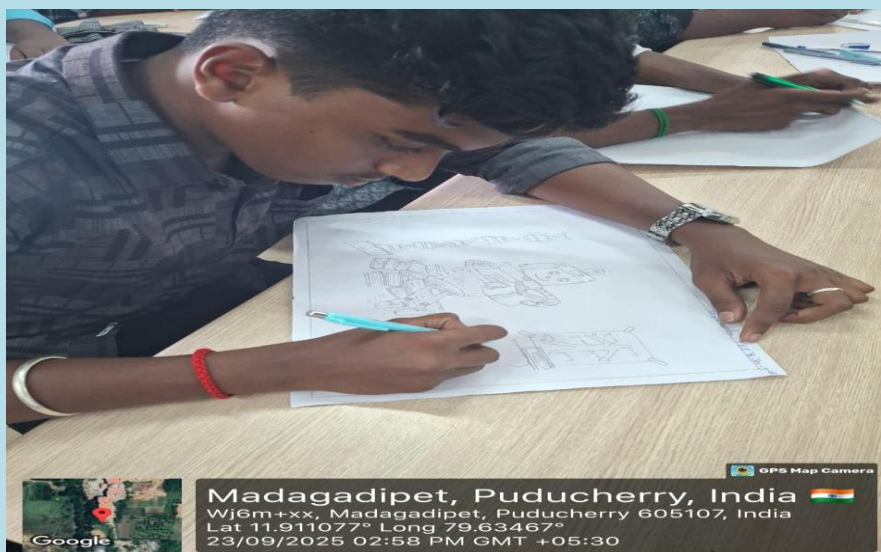
Basic Engineering Mathematics lays the groundwork for the mathematical concepts needed across various engineering disciplines. The course includes key topics like **Fundamentals of differential and integral calculus, Theory and Practice, Limit of function, Fundamental results on limits, Continuity of a function**. It is designed to strengthen analytical abilities and problem-solving skills, enabling students to apply mathematical principles to practical engineering problems. This event forms an essential base for higher-level studies in fields such as electrical, mechanical, civil, and computer engineering field of electrical engineering.

**Name of the Event & Time** : SIP - 6: Proficiency Modules in English - Communication Skills & 12.20 PM - 1.10 PM  
**Staff Coordinator** : Ms. R.Gajalakshmi, Assistant Professor / English  
**Date and Venue** : 23.09.2025 & Lecture Hall-414



During the activity, every student took part enthusiastically by introducing themselves and sharing details about their academic background, personal interests, and future goals. The session helped students practice fluent speaking, enhance their vocabulary, and improve clarity in expression. Faculty members supported the process by offering constructive feedback on pronunciation, sentence structure, and body language, helping students build confidence in their communication skills

**Name of the Event & Time** : SIP - 8: Creative Practices - Drawing competition & 1.50 PM - 4.20 PM  
**Staff Coordinator** : Mr.S. John Powl, Assistant Professor / EEE  
**Date and Venue** : 23.09.2025 & Lecture Hall-414



A Drawing Competition was conducted for the first-year students to build creativity, artistic expression, and imagination among the new entrants. The event provided a vibrant and engaging environment, allowing students to display their artistic talents outside the academic setting. The artworks showcased original ideas and creative skills, highlighting the hidden artistic potential of the participants.

## Day 5 (24.09.2025): Schedule

- Name of the Event & Time** : SIP - 1: Universal Human Values 1 - Family, Peers, Society, Nation, Peer pressure & 8.45 AM - 10.25 AM
- Staff Coordinator** : Dr. D.Sivaraj, Associate Professor / EEE
- Date and Venue** : 24.09.2025 & Lecture Hall-414



The session aimed to help students to understand the importance of relationships and values in personal and social life. The discussion focused on developing harmonious connections with family, friends, society, and the nation, while also addressing the challenges faced due to peer pressure. Through interactive activities, real-life examples, and group discussions, students able to understand mutual respect, empathy, responsibility, and ethical behavior. Overall, the event promoted self-awareness, emotional balance, and value-based living among the first-year students.

- Name of the Event & Time** : SIP - 7: Literary Activities - Team building activities and Oral exercise & 10.25 AM - 12.20 PM
- Staff Coordinator** : Mr. J. Muruganandham, Assistant Professor / EEE
- Date and Venue** : 24.09.2025 & Lecture Hall-414



The session included team-building games, group discussions, storytelling, extempore and word association exercises, which encouraged students to express their ideas effectively and work collaboratively. Faculty members guided the students throughout the activities, helping them to improve their listening, speaking, and presentation abilities. The event created an engaging and interactive learning atmosphere, helping students overcome stage fear, build team spirit, and develop essential communication skills required for their academic and professional growth

**Name of the Event & Time** : SIP - 2: Physical Health and Related Activities - Nutrition and diet awareness talk & 12.20 PM – 1.10 PM  
**Staff Coordinator** : Dr. S.Ganesh Kumaran, Associate Professor / EEE  
**Date and Venue** : 24.09.2025 & Lecture Hall-414



As a part of the Student Induction Program, a Nutrition and Diet Awareness Talk was organized to educate first-year students about the importance of maintaining a balanced and healthy lifestyle. The session focused on the role of proper nutrition in enhancing physical well-being, improving concentration, and boosting overall academic performance. The resource person **Mrs. Thaslma Begum and Mrs. Pavithra** also highlighted common dietary mistakes, the impact of junk food, and simple ways to plan nutritious meals within a student-friendly budget.

**Name of the Event & Time** : SIP - 6: Proficiency Modules - Bridge Course in Mathematics & 1.50 PM – 4.20 PM  
**Staff Coordinator** : Mrs.S.P.Lavanya, Assistant Professor / Mathematics  
**Date and Venue** : 24.09.2025 & Lecture Hall-414



In the Basic Engineering Mathematics class, students were able to revise the fundamental concepts of **differentiation, Concept of derivative, Slope of a curve, Differentiation Techniques, Derivatives of elementary functions from first principle, Derivatives of inverse functions**. This session provides a good balance between conceptual understanding and problem-solving skills.

## Day 6 (29.09.2025): Schedule

- Name of the Event & Time** : SIP - 2: Physical Health and Related Activities - Awareness on posture correction & 8.45 AM -10.25 AM
- Staff Coordinator** : Dr. S Ganesh Kumaran, , Associate Professor / EEE
- Date and Venue** : 29.09.2025& Lecture Hall-414



An informative session on “Awareness on Posture Correction” was conducted as a part of the Student Induction Program to promote physical well-being among first-year students. The session highlighted the importance of maintaining proper posture during daily activities such as sitting, standing, studying, and using digital devices. The event was highly beneficial and enhanced students awareness on maintaining a healthy lifestyle during their academic journey.

- Name of the Event & Time** : SIP - 6: Proficiency Modules - Bridge course in Mathematics & 10.25 AM-12.20 PM
- Staff Coordinator** : Mrs. S.P Lavanya, Assistant Professor / Maths
- Date and Venue** : 29.09.2025 & Lecture Hall-414



The session was conducted to reinforce the foundational mathematical concepts that are crucial for engineering education. Key topics that covered include **Logarithmic differentiation, Method of Substitution, Differentiation of Parametric Functions**. The objective of the session was to help students transition smoothly from school-level mathematics to the engineering curriculum. Students participated actively and developed a clearer understanding of problem-solving methods and the practical application of these mathematical concepts.

**Name of the Event & Time** : SIP - 7: Literary Activities – Debate & 12.20 PM – 2.40 PM  
**Staff Coordinator** : Dr.D. Sivaraj, Associate Professor / EEE  
**Date and Venue** : 29..09.2025 & Lecture Hall-414



A debate was conducted on the topic “Is Social Media Dangerous or Not?”, The event provided a platform for students to express their views confidently and think critically about the impact of social media on modern life. Participants presented well-structured arguments both supporting and opposing the influence of social media, discussing aspects such as communication, mental health, privacy, education, and societal behavior. The debate encouraged healthy discussion, teamwork, and respect for diverse opinions. Overall, the activity enhanced students’ communication, analytical, and public speaking skills

**Name of the Event & Time** : SIP - 9: Extra-curricular Activities - NSS awareness activities & 2.40 PM - 4.20 PM  
**Staff Coordinator** : Mr.K.Thangaraj, Assistant Professor / EEE  
**Date and Venue** : 29.09.2025 & Lecture Hall-414



The session effectively highlighted the core values, objectives, and social relevance of the National Service Scheme. The interactive presentation and real-life examples of successful NSS initiatives helped students to understand how volunteering can contribute to nation-building and character development. They particularly valued the interactive Q&A session, which cleared their doubts about enrolment, certification, and the practical exposure gained through NSS.

## Day 7 (30.09.2025): Schedule

- Name of the Event & Time** : SIP - 9: Extra-curricular Activities - Fireless Cooking & 8.45 AM – 10.25 AM
- Staff Coordinator** : Dr. S. Ganesh Kumaran, Associate Professor / EEE
- Date and Venue** : 30.09.2025 & Lecture Hall-414



A Fireless Cooking event was organized in the first-year classrooms. The students took part with great enthusiasm and prepared a range of tasty dishes including Nuts Laddu, Masala Poori, Chocolate Sandwich, and many other innovative recipes. The classrooms turned lively with excitement and the pleasant aroma of freshly prepared food items. The event served as an enjoyable platform for students to display their cooking skills, teamwork, and presentation techniques

- Name of the Event & Time** : SIP - 7: Literary Activities - Importance of Group discussion & 10.25 AM – 12.20 PM
- Staff Coordinator** : Ms.R.Gajalakshmi, Assistant Professor / English
- Date and Venue** : 30.09.2025 & Lecture Hall-414



A session on importance of group discussion was organized for the first-year students. The objective of the session was to improve their communication skills and teamwork skills. Throughout the session, students participated actively, expressed their points confidently and listen to diverse viewpoints,

**Name of the Event & Time** : SIP - 9: Extra-curricular Activities - Documentary and Short Film & 12.20 PM - 2.40 PM

**Staff Coordinator** : Mrs.R.Vinothini, Assistant Professor / EEE

**Date and Venue** : 30.09.2025 & Lecture Hall-414



A Documentary and Short Film Event was organized for the first-year students in their respective classrooms. The activity offered an engaging platform for students to demonstrate creativity and teamwork through visual storytelling. Students worked in groups to create and present short films and documentaries on themes such as social awareness, environmental conservation, technology, and student life. The event encouraged them to express their ideas effectively while developing communication skills and gaining hands-on experience in basic video production techniques.

**Name of the Event & Time** : SIP - 8: Creative Practices - Cinematic & 2:40 PM – 4.20 PM

**Staff Coordinator** : Mr.G.Rajavel, Assistant Professor / EEE

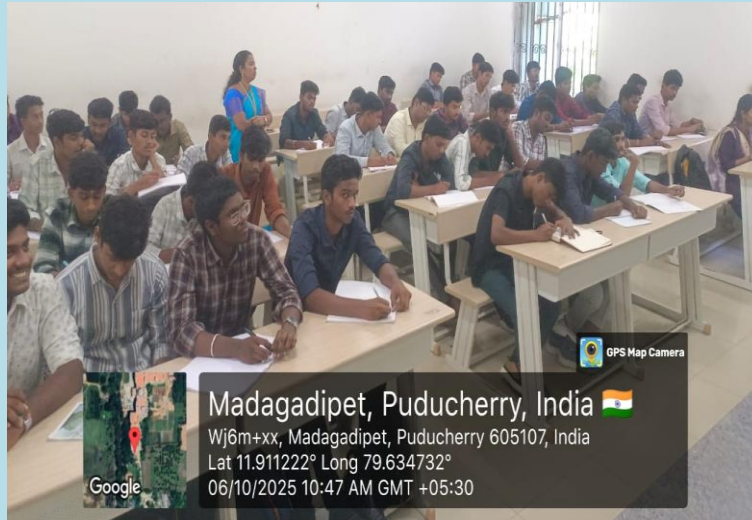
**Date and Venue** : 30.09.2025 & Lecture Hall-414



A Creative Arts – Cinematic Event was held for the first-year students in their respective classrooms. The purpose of the activity was to encourage students to explore their creativity, teamwork, and presentation skills through short films and cinematic performances. Students participated enthusiastically, presenting short video clips, cinematic skits, and visual storytelling

## Day 8 (06.10.2025): Schedule

**Name of the Event & Time** : SIP - 7: Literary Activities - Role play & 8.45 AM – 11.15 AM  
**Staff Coordinator** : Mrs.R.Vinothini, Assistant Professor / EEE  
**Date and Venue** : 06.10.2025 & Lecture Hall-414



Role play event was conducted as part of student induction program which created a lively learning environment. Students mentioned that the role play event helped them to understand the real-life situations more effectively, especially in areas such as communication, teamwork, conflict resolution, empathy, and decision-making. Many students expressed that the activity boosted their confidence and improved their ability to express ideas in front of others.

**Name of the Event & Time** : SIP - 6: Proficiency Modules - Bridge course in mathematics & 11.30 AM - 12.20 PM  
**Staff Coordinator** : Mrs. S.P.Lavanya, Assistant Professor / Mathematics  
**Date and Venue** : 06.10.2025 & Lecture Hall-414



The session focused on essential foundational concepts such as **Logarithmic Differentiation**, **Method of Substitution**, **Differentiation of Parametric Functions**. The objective of the class was to strengthen students' core understanding of calculus and improve their problem-solving abilities. Clear explanations and illustrative examples were provided to help students transition smoothly from school-level mathematics to the engineering curriculum.

**Name of the Event & Time** : SIP - 1: Universal Human Values 1 - Time Management, Anger & 12.20 PM - 1.10 PM  
**Staff Coordinator** : Dr.S.Ganesh Kumaran, Associate Professor / EEE  
**Date and Venue** : 06.10.2025 & Lecture Hall-414



The objective of the session was to highlight the need for effective time management and explaining how proper planning, prioritization, and disciplined routines can significantly improve productivity and reduce stress. Practical strategies such as creating daily schedules, setting realistic goals, breaking tasks into manageable parts, and avoiding procrastination were discussed in detail. In addition faculty discussed about the anger management, by highlighting the impact of uncontrolled anger on mental well-being, relationships, and decision-making. Students were introduced to techniques such as deep breathing, positive communication, and identifying emotional triggers.

**Name of the Event & Time** : SIP - 8: Creative Practices - Digital art creation & 1.50 PM – 2.40 PM  
**Staff Coordinator** : Mr.I. Shivasankkar, Assistant Professor / EEE  
**Date and Venue** : 06.10.2025 & Lecture Hall-414



The Digital Art Creation Program was conducted successfully and received favourable feedback from the participants. Students acknowledged the session for its structured delivery and clear demonstrations. The program enabled participants to gain fundamental exposure to the digital design.

**Name of the Event & Time** : SIP - 2: Physical Health and Related Activities - First-aid training & 02.40 PM – 3.30 PM  
**Staff Coordinator** : Dr.S.Ganesh Kumaran, Associate Professor / EEE  
**Date and Venue** : 06.10.2025 & Lecture Hall-414



As part of the Student Induction Program, a First-Aid Training session was conducted to equip first-year students with essential life-saving skills. The session aimed to create awareness on how to respond effectively during medical emergencies and provide immediate care before professional help arrives.

The Alumna (**Mr. Muthukumaran, Senior Engineer, Master Associates**) highlighted the importance of staying calm, assessing the situation and ensuring the safety for both victim and the responder.

**Name of the Event & Time** : SIP - 8: Creative Practices - Vocal & 3.30 PM - 4.20 PM  
**Staff Coordinator** : Mr.S.John powl, Assistant Professor / EEE  
**Date and Venue** : 06.10.2025 & Lecture Hall-414



A Creative Arts – Vocal event was conducted for the first-year students, to showcase their singing abilities and artistic interests. Students participated with great enthusiasm, performing a variety of songs that highlighted their confidence and creativity. The session encouraged a sense of unity among participants. Overall, the event created a vibrant and enjoyable atmosphere for the newly admitted students.

## Day 09 (07.10.2025): Schedule

- Name of the Event & Time** : SIP - 6: Proficiency Modules - Bridge course in Mathematics & 8.45 AM – 10.25 AM
- Staff Coordinator** : Mrs. S.P.Lavanya, Assistant Professor / Mathematics
- Date and Venue** : 07.10.2025 & Lecture Hall-414



The session was conducted to revise essential mathematical concepts required for engineering. The lists of topics discussed are **differentiation of implicit functions, higher order derivatives, Integrals of functions containing linear functions, Method of integration**. The objective was to give clear pathway to transits from school-level mathematics to the engineering syllabus. Students participated actively and developed a clearer understanding of various problem-solving methods and the practical use of these mathematical concepts in real-time applications

- Name of the Event & Time** : SIP - 6: Proficiency Modules - Bridge Course in C Programming & 10.25 AM – 12.20 PM
- Staff Coordinator** : Mr.I.Shivasankkar, Assistant Professor / EEE
- Date and Venue** : 07.10.2025 & Lecture Hall-414



The session covered essential topics such as **Formatted Input and Output Statements**. The session was conducted to familiarize students with the basic input and output operations in C programming, with emphasis on the use of printf() and scanf() functions. Students learned about formatting methods and correct syntax usage. The session strengthened their foundational programming skills and promoted logical thinking, helping beginners gain confidence in writing simple C programs.

**Name of the Event & Time** : SIP - 1: Universal Human Values 1 & 12.20 PM – 1.10 PM  
**Staff Coordinator** : Dr.S.Ganesh Kumaran, Associate Professor / EEE  
**Date and Venue** : 07.10.2025 & Lecture Hall-414



As part of the Student Induction Program, UHV session was conducted on **health, lifestyle, and relationships** to help students to lead successful college and **hostel life**. Students were guided on handling **homesickness**, building positive relationships, and showing **gratitude towards parents, teachers, and peers**.

The session also highlighted the importance of avoiding ragging, encouraging healthy interaction with seniors, and understanding competition, cooperation, and peer pressure.

**Name of the Event & Time** : SIP - 8: Creative Practices - Craft paper Making Activity & 1.50 PM – 4.20 PM  
**Staff Coordinator** : Mr. S.Mugundhan, Assistant Professor / EEE  
**Date and Venue** : 07.10.2025 & Lecture Hall-414



A Creative Arts – Craft Paper Making Activity was conducted for the first-year students to create creativity, collaborative work, and practical learning. Students enthusiastically took part in designing different craft items using colored paper, reflecting their imagination and artistic skills. Overall, the activity was enjoyable, engaging, and inspiring for all participants. Human survival, economic growth, and technological advancement. Students also learned about the importance of sustainable utilization, conservation practices, and renewable alternatives to reduce environmental degradation.

## Day 10 (08.10.2025): Schedule

- Name of the Event & Time** : SIP - 3: Familiarization of Department - Basic principles of electronics & 8.45 AM – 10.25 AM
- Staff Coordinator** : Mr. R. Vignesh, Assistant Professor / EEE
- Date and Venue** : 08.10.2025 & Lecture Hall-414



An interactive session on “Electronics” was organized for the first-year students. The objective of the session was to introduce the basic principles of electronics, the key components, and their roles in electronic systems. Faculty members supported the learning process with practical demonstrations and simple experiments, helping students gain a clearer and more hands-on understanding of the concepts

- Name of the Event & Time** : SIP - 1: Universal Human Values 1 & 10.25 AM – 12.20 PM
- Staff Coordinator** : Mr.K.Thangaraj, Assistant Professor / EEE
- Date and Venue** : 08.10.2025 & Lecture Hall-414



The session helped students to understand **their academic, career expectation, family, peers, society, and the nation**. Students were guided on setting **clear and achievable goals** and creating a plan for their future. The session also focused on **personality development** and **self-improvement**, encouraging students to build positive habits, communication skills, and a disciplined mind-set.

**Name of the Event & Time** : SIP - 8: Creative Practices - Mimicry & 12.20 PM – 1.10 PM  
**Staff Coordinator** : Mr.G.Rajavel, Assistant Professor / EEE  
**Date and Venue** : 08.10.2025 & Lecture Hall-414



The Mimicry Program was well-organized and provided the opportunity for the students to showcase their creativity and confidence. The students demonstrated excellent observation skills and delivered their acts with great accuracy, humour, and timing. The audience was fully engaged throughout the event, appreciating the talent and enthusiasm displayed by the participants..

**Name of the Event & Time** : SIP - 6: Proficiency Modules - Bridge Course in C Programming & 1.50 PM – 3.30 PM  
**Staff Coordinator** : Mr.I Shivasankar, Assistant Professor / EEE  
**Date and Venue** : 08.10.2025 & Lecture Hall-414



A C Programming session was conducted for the first-year students to reinforce their foundational programming skills. The session covered essential topics such as **Arrays, Functions, Strings, Data Types, Control Statements, and Looping Techniques**. The primary aim was to help students understand basic programming logic and structure, enabling them to write clear and effective C programs. Interactive demonstrations and hands-on coding examples were used to explain each topic in a practical manner. Students participated actively and gained valuable experience in applying problem-solving methods while coding.

**Name of the Event & Time** : SIP - 9: Extra-curricular Activities - Photography walk & 3.30 PM – 4.20 PM  
**Staff Coordinator** : Mr.R.Vignesh, Assistant Professor / EEE  
**Date and Venue** : 08.10.2025 & Lecture Hall-414



Students felt that the Photography Walk program was refreshing, engaging, and a meaningful break from routine classroom sessions. They recommended conducting similar creative outdoor activities in the future to enhance observation skills, and creativity. Students had the opportunity to showcase and discuss the images they had taken, which improved their communication abilities and helped them learn the fundamentals of photo editing.

## Day 11 (9.10.2025): Schedule

- Name of the Event & Time** : SIP - 5: Lectures by Eminent People - Motivational Program & 8.45 AM – 4.40 PM
- Staff Coordinator** : Dr S Ganesh Kumaran, Associate Professor / EEE
- Date and Venue** : 09.10.2025 & Auditorium



The session was delivered by **Dr. I Jegan, International Motivational Speaker, CEO – Win Your Weakness Motivational Academy**, who inspired the students through interactive activities and real-life experiences. The program focused on building self-confidence, positive attitude, goal setting, and adapting to the new academic environment. Students actively participated and felt encouraged to approach their academic journey with enthusiasm and determination. The session was highly impactful and well received by the students.

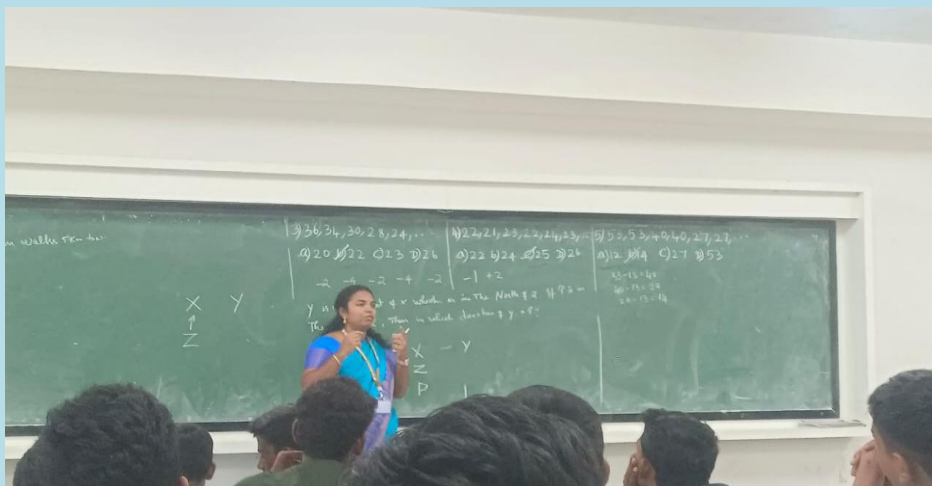
## Day 12 (10.10.2025): Schedule

- Name of the Event & Time** : SIP - 2: Physical Health and Related Activities - Importance of Stress-Relief Exercise & 8.45 AM – 9.35 AM
- Staff Coordinator** : Dr.B. Elangovan, Assistant Professor / MECH
- Date and Venue** : 10.10.2025 & Lecture Hall-414



The session was organized to help first-year students to understand the role of physical and mental well-being in their academic journey. The session highlighted how regular stress-relief exercises such as deep breathing, stretching, mindfulness, and relaxation techniques can improve concentration, reduce anxiety, and enhance overall productivity. The session created awareness about maintaining a healthy balance between academics and personal well-being and motivated students to adopt stress-free learning habits.

- Name of the Event & Time** : SIP - 3: Familiarization of Department & 9.35 AM - 10.25 AM
- Staff Coordinator** : Mrs.R.Vinothini, Assistant Professor / EEE
- Date and Venue** : 10.10.2025 & Lecture Hall-414



The session introduced the basic concept of electric potential and highlighted the importance of potential difference in electrical circuits. The faculty described the topic using simple circuit diagrams and practical examples, helping students connect theoretical concepts with real-world applications. Students participated actively and developed a clear understanding of how potential difference influences the flow of current in electrical systems. Overall, the session strengthened their fundamental knowledge in electrical engineering.

**Name of the Event & Time** : SIP - 6: Proficiency Modules - Bridge Course in Mathematics & 10.25 AM – 11.15 AM  
**Staff Coordinator** : Mrs. S.P.Lavanya, Assistant Professor / Mathematics  
**Date and Venue** : 10.10.2025 & Lecture Hall-414



The session was conducted to revise essential topics of definite **integrals, simple definite integrals, properties of definite integrals**. Students actively worked through example problems, which helped them to strengthen their analytical and problem-solving abilities. Overall, the session provided a solid foundation in linear algebra concepts that are essential for higher-level engineering mathematics.

**Name of the Event & Time** : SIP - 9: Extra-curricular Activities - Eco-Club Activities Awareness Program & 11.30 AM – 12.20 PM  
**Staff Coordinator** : Dr.H.Rosi, Assistant Professor / Chemistry  
**Date and Venue** : 10.10.2025 & Lecture Hall-414



The session created strong environmental consciousness and encouraged students to adopt sustainable practices in their daily lives. The faculty effectively highlighted the importance of environmental protection, conservation of natural resources and the role of youth in promoting eco-friendly initiatives.

**Name of the Event & Time** : SIP - 3: Familiarization of Department & 12.20 PM – 1.10 PM  
**Staff Coordinator** : Mr.G.Rajavel, Assistant Professor / EEE  
**Date and Venue** : 10.10.2025 & Lecture Hall-414



The session covered the basic concepts of semiconductors and explained how a PN junction diode is formed. The faculty described the operating principle, characteristics, and practical applications of the diode using circuit diagrams and demonstrations. Students participated actively in learning the forward and reverse bias conditions. Overall, the session provided a clear understanding of this fundamental electronic component, which forms the basis for studying more advanced electronic devices and circuits

**Name of the Event & Time** : SIP - 6: Proficiency Modules In English & 1.50 PM - 3.30 PM  
**Staff Coordinator** : Ms.R.Gajalakshmi, Assistant Professor / English  
**Date and Venue** : 10.10.2025 & Lecture Hall-414



The session was conducted to introduce the basic meaning and purpose of communication, highlighting its importance in effective interaction and professional growth. The faculty explained different types and processes of communication using practical examples to show how ideas can be shared clearly and efficiently. The session motivated students to enhance their listening, speaking, reading, and writing abilities for improved communication in both academic and social settings.

**Name of the Event & Time** : SIP - 3: Familiarization of Department & 3.30 PM – 4.20 PM  
**Staff Coordinator** : Dr.P.Jamuna, Professor & Head / EEE  
**Date and Venue** : 10.10.2025 & Lecture Hall-414



The session covered the basic principles of electric current, electrical work, and power in electrical circuits. The faculty used simple circuit examples and real-life applications to explain the relationship between these quantities. Students involved them actively in solving numerical problems to learn how to calculate work done and power usage in electrical systems.

## Day 13 (11.10.2025): Schedule

**Name of the Event & Time** : SIP - 6: Proficiency Modules - Bridge Course in Mathematics & 8.45 AM – 10.25 AM  
**Staff Coordinator** : Mrs.S.P.Lavanya, Assistant Professor / Mathematics  
**Date and Venue** : 11.10.2025 & Lecture Hall-414



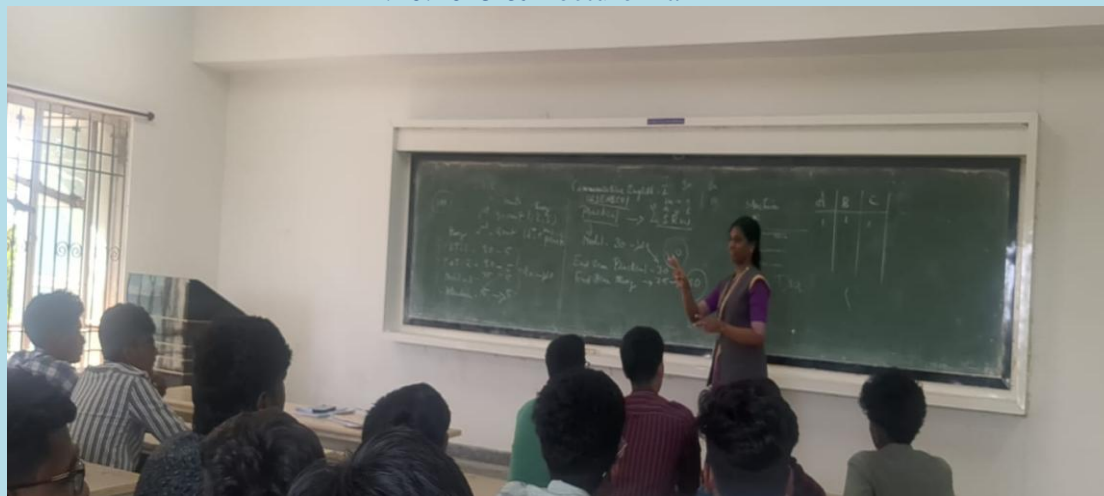
The session focused on **Reduction formulae, Area and volume**. The faculty explained the concept of consistency, number of solutions, and practical applications in engineering problems. Students actively participated in solving example problems, enhancing their analytical and problem-solving skills. The session provided a strong foundation in linear algebra concepts essential for advanced engineering mathematics.

**Name of the Event & Time** : SIP - 3: Familiarization of Department & 10.25 AM – 11.15 AM  
**Staff Coordinator** : Dr.S.Ganesh Kumaran, Associate Professor / EEE  
**Date and Venue** : 11.10.2025 & Lecture Hall-414



The Electrical Engineering classes introduced fundamental concepts such as circuit theory, current, voltage, resistance, and power. Students learned about the functioning of electrical machines, wiring systems, and control components. Hands-on experiments and simulation-based learning helped in understanding real-world applications of electrical principles in various industries.

**Name of the Event & Time** : SIP - 6: Proficiency Modules In English & 11.30 AM – 12.20 PM  
**Staff Coordinator** : Ms.R.Gajalakshmi, Assistant Professor / English  
**Date and Venue** : 11.10.2025 & Lecture Hall-414



The session focused on explaining the steps involved in the communication process, including sender, message, encoding, transmission, decoding, and feedback. The faculty also highlighted various channels of communication such as verbal, non-verbal, written, and digital modes, with practical examples. Students actively participated in discussions and activities to understand how effective communication occurs in personal and professional settings. The session enhanced their knowledge of communication strategies and improved their interpersonal skills.

**Name of the Event & Time** : SIP - 6: Proficiency Modules - Bridge Course in Mathematics & 12.20 PM – 1.10 PM  
**Staff Coordinator** : Mrs.S.P.Lavanya, Assistant Professor / Mathematics  
**Date and Venue** : 11.10.2025 & Lecture Hall-414



The session focused on explaining the concept of **Length of curve, surface area of a solid**. Students actively participated in solving examples, which enhanced their analytical and problem-solving skills. The session provided a strong foundation for advanced topics in engineering mathematics.

**Name of the Event & Time** : SIP - 4: Visit to M/S Sri Kailaash Transformers & 02.00 PM - 4.30 PM  
**Staff Coordinator** : Dr.S.Ganesh Kumaran, Associate Professor / EEE  
**Date and Venue** : 11.10.2025 & Lecture Hall-414



The first-year students attended an industrial visit to M/s. Sri Kailaash Transformers, located on Tindivanam Main Road. This visit provided students with valuable exposure to real-time industrial practices in the field of electrical engineering.

During the visit, students gained insights into transformer manufacturing processes, quality testing methods, materials used, and various stages of assembly.

The session helped them understand the practical applications and thereby bridging the gap between theory and industry practice.

## Psychometric Test With Summary

Please Fill the Following Details.

Name:

E-mail:

Phone:

**Psychometrica**  
Your People.... Our Insights

**Result**

**Your score falls in the high range.**

This indicates that you do not believe in being rude or inconsiderate of the rights of others. However you are an independent person who stands up for your own rights.

[Back To Home Page](#)

**Psychometrica**  
Your People.... Our Insights

**Find out how Assertive you are...**

1. Do you try to get your own way regardless of opposition?  
 Yes  No
2. Do you believe that it is necessary to fight for your rights?  
 Yes  No
3. Do you hesitate to ask a stranger for a street direction?  
 Yes  No
4. Do you express your opinions with a belief that you have a right to be heard?  
 Yes  No
5. Do you think your views are not necessarily important?  
 Yes  No
6. Are you intimidated by people in authority?  
 Yes  No
7. Do you usually make the decisions when you are in a group of people?  
 Yes  No
8. Do you prefer to stay in the background rather than push yourself forward?  
 Yes  No
9. Do you like to take initiatives at work if the situation demands it?  
 Yes  No
10. Do you hesitate to assist somebody when it is clear they are making a mistake or doing something wrongly?  
 Yes  No

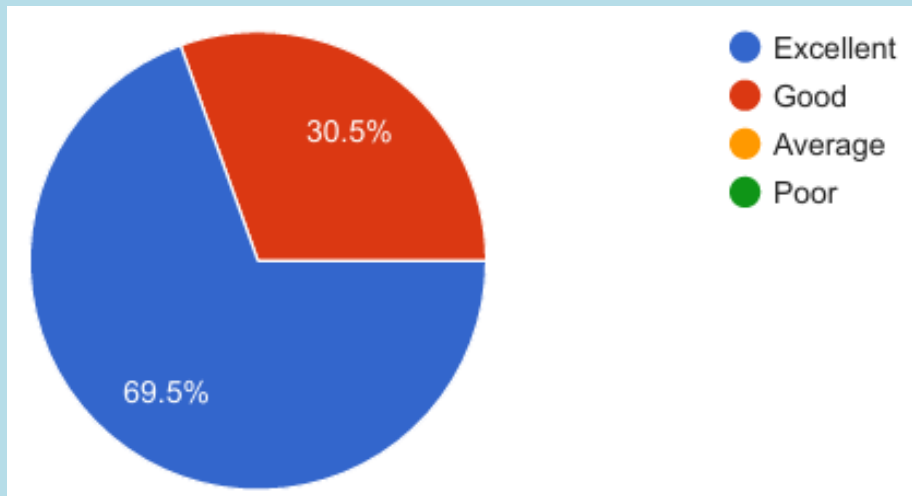
### Summary:

As part of the Student Induction Program, first-year students of the Electrical and Electronics Engineering department at Sri Manakula Vinayagar Engineering College, actively participated in Psychometric Test to understand their personality traits, strengths, learning styles, and areas for improvement. The insights gained from the test will support students in aligning their academic goals, enhancing their self-awareness, and improving their overall personal and professional development.

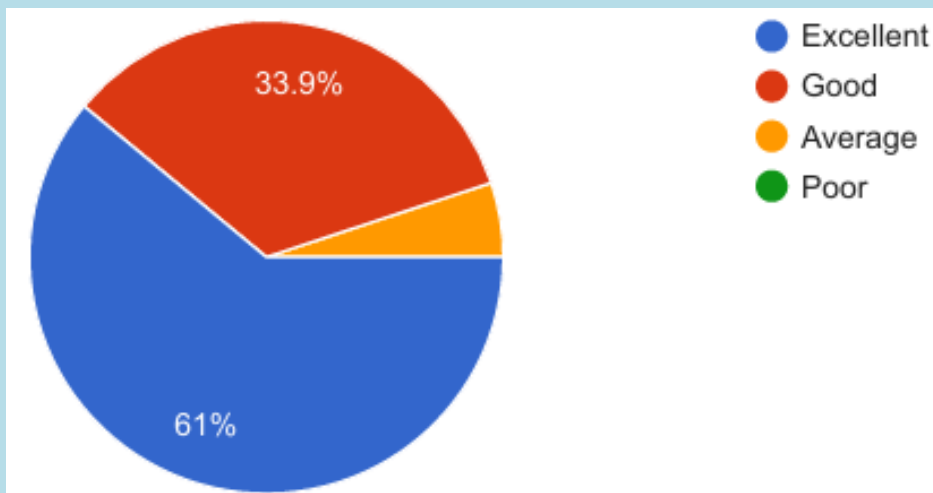
## Feedback and Report on the Student Induction Program

The feedback is collected from the students about the student induction program and analysed the outcome.

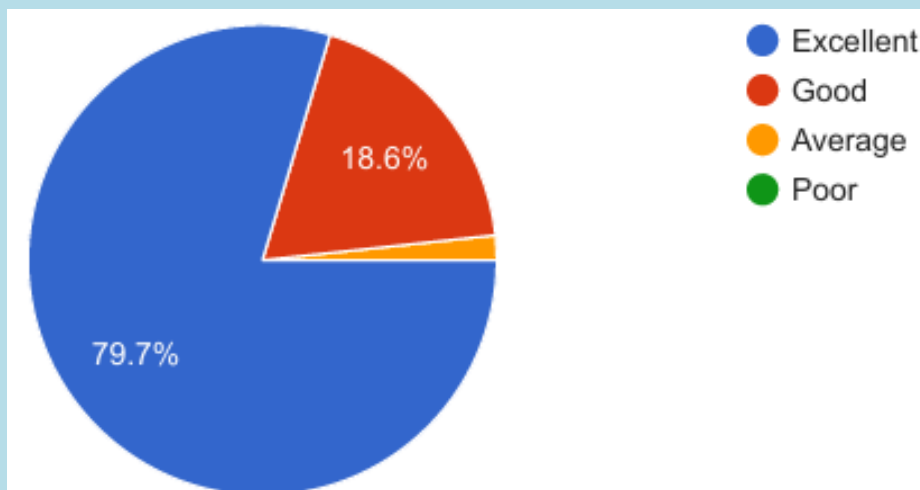
1. How well did the induction program help you to understand the institution's vision, mission, and values?



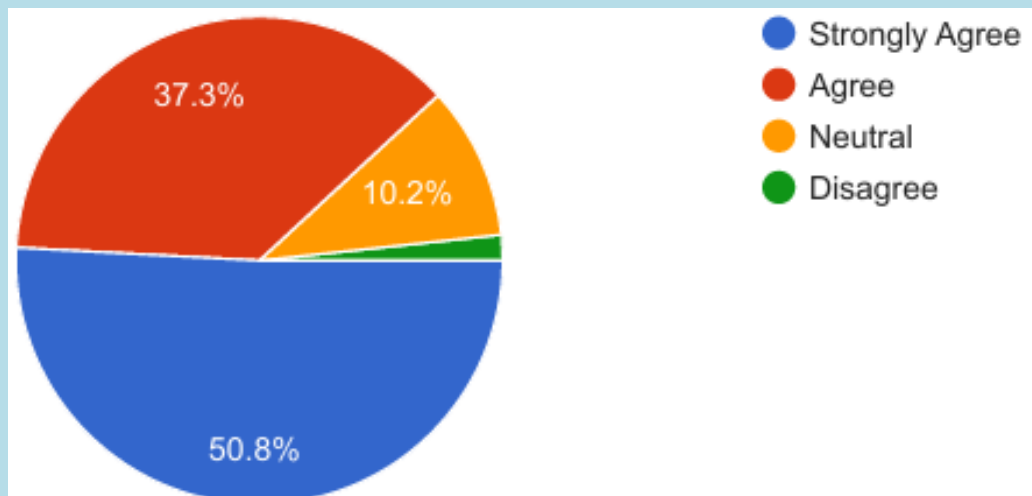
2. Were the sessions and activities well-organized?



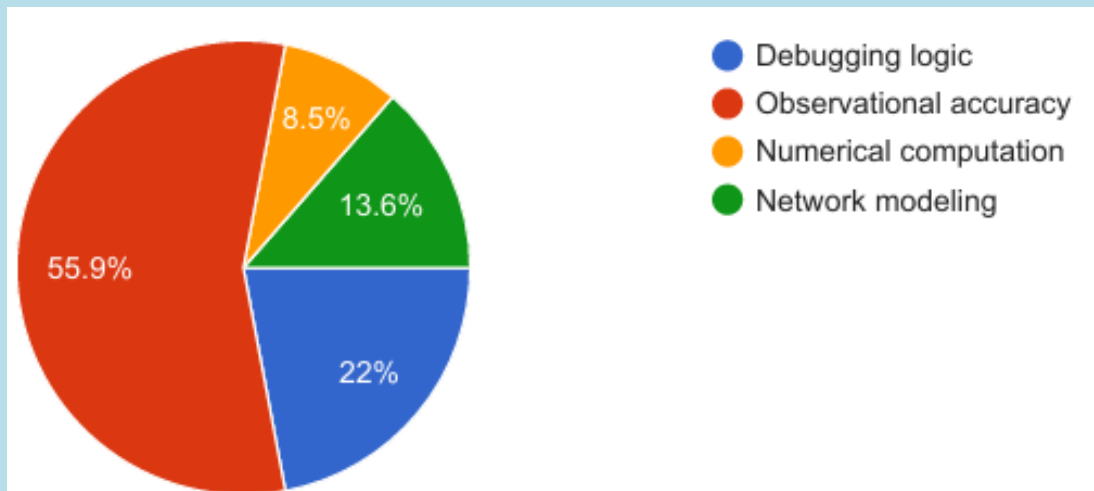
3. How would you rate the motivational / expert talks?



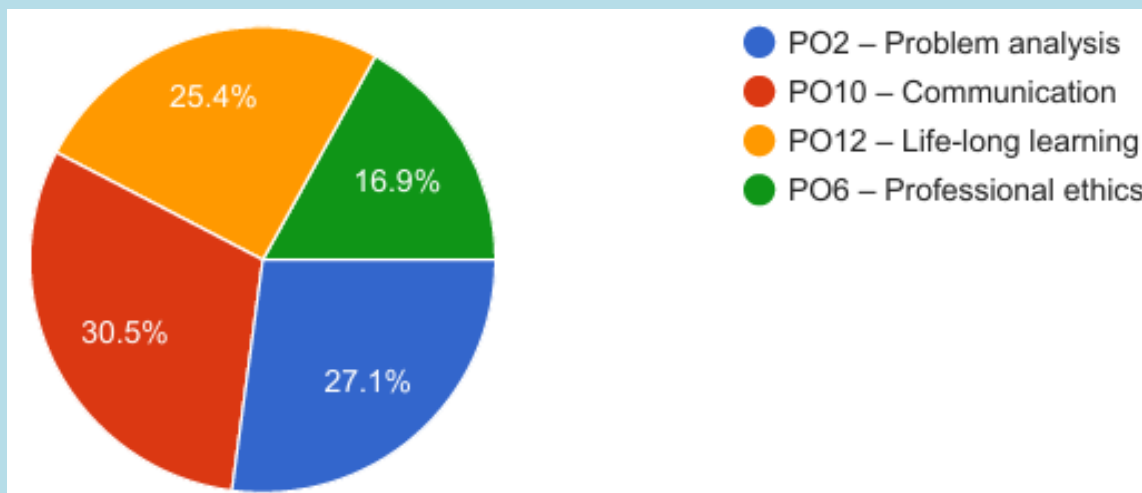
4. Did the sessions help you to build confidence and reduce the anxiety of joining a new environment?



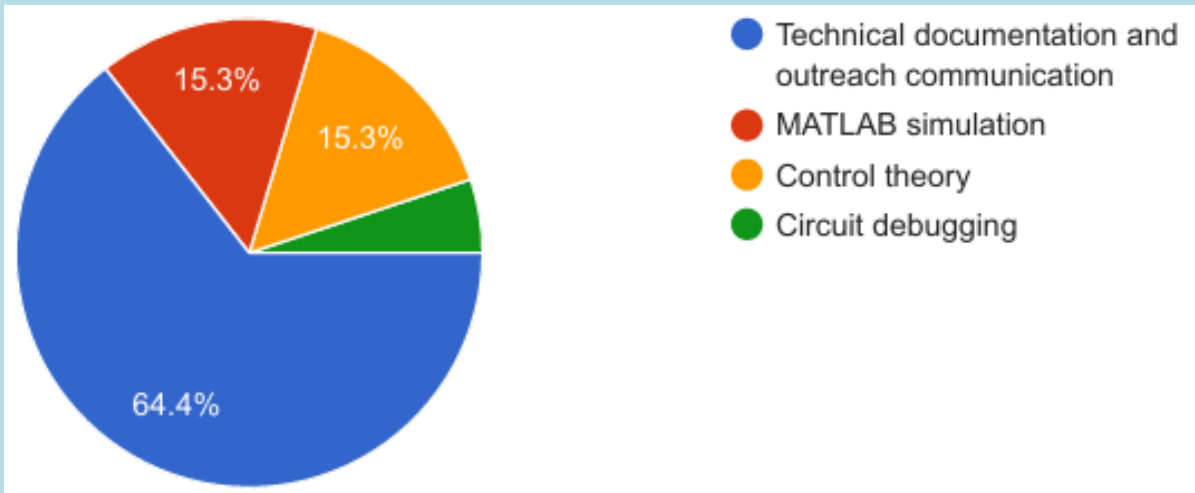
5. The Spot the Differences event indirectly nurtures which engineering related cognitive ability?



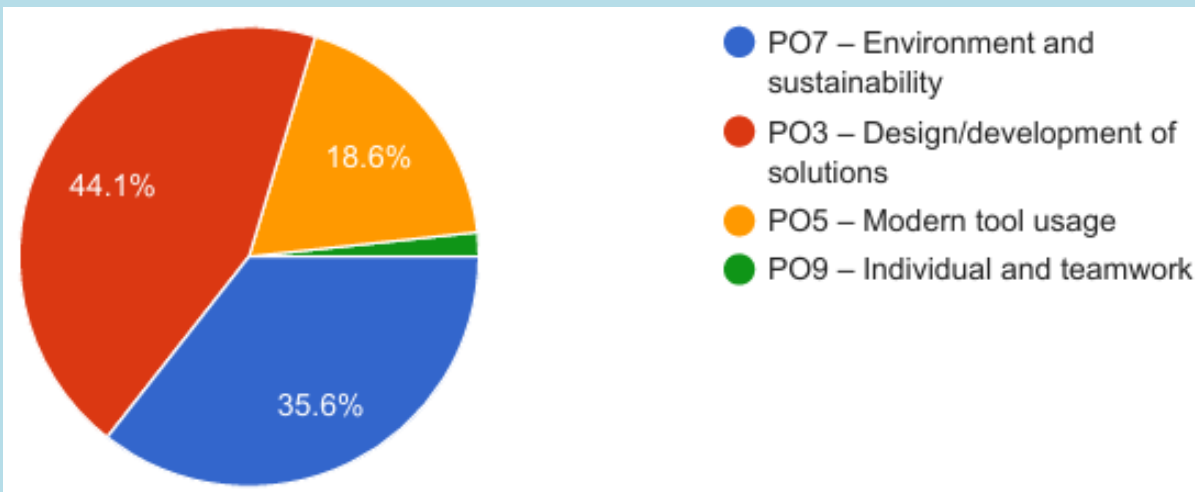
6. Alumni in the Alumni Interaction session emphasized continuous learning. This aligns with which key outcome of Outcome-Based Education (OBE)?



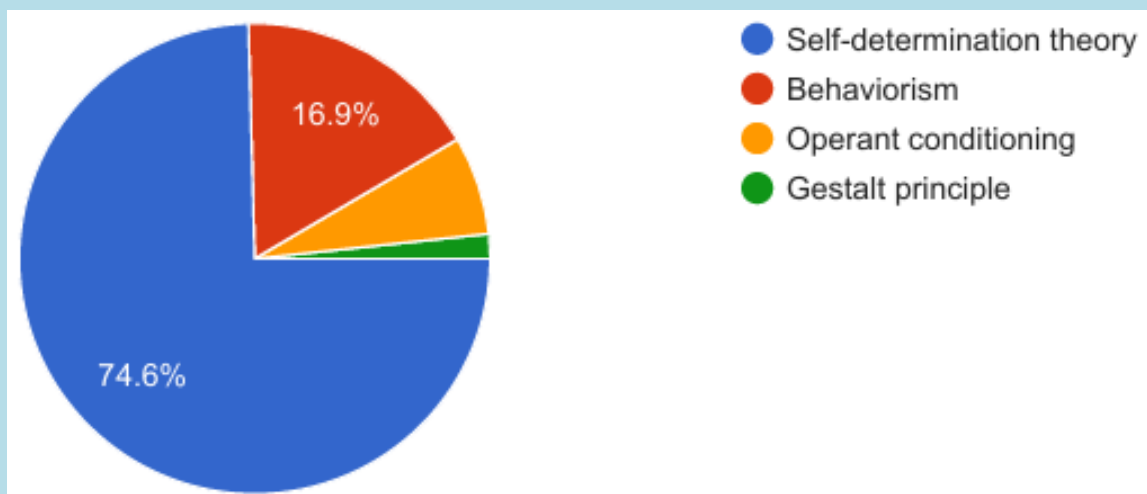
7. The Documentary and Short Film event emphasized visual storytelling — an approach useful in:



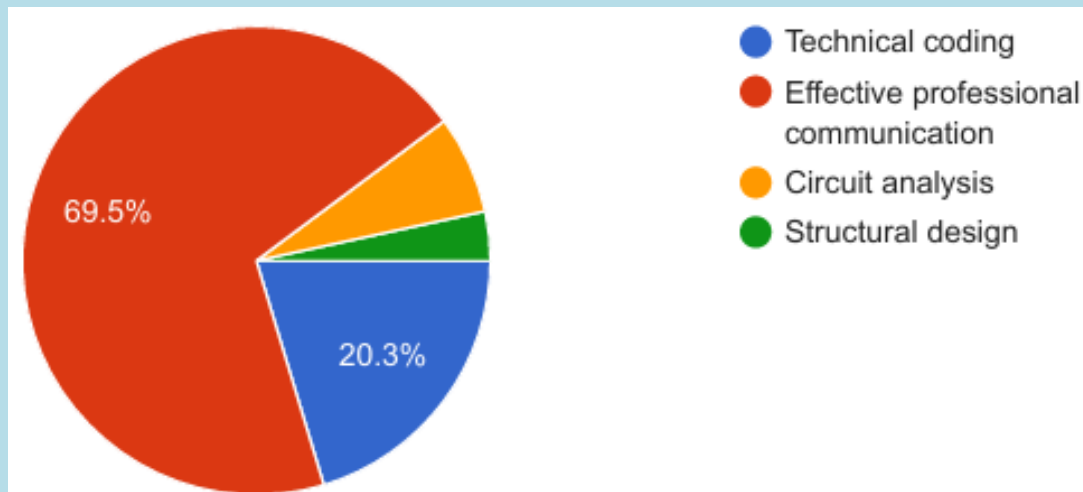
8. The Role of Engineers in Society event stressed sustainability, which reflects which Program Outcome (PO) of engineering?



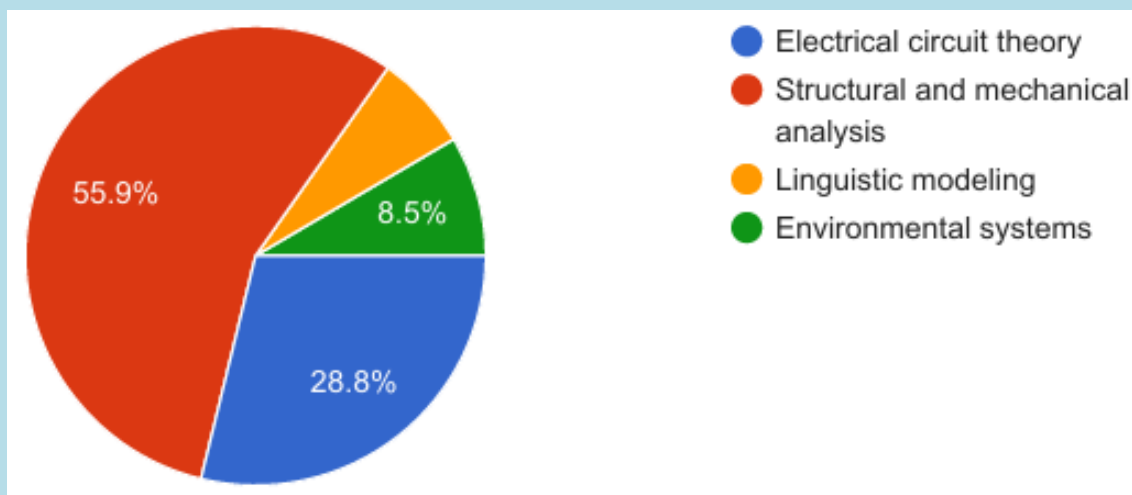
9. The Motivational Program aimed to enhance students' intrinsic motivation, aligning with which psychological principle?



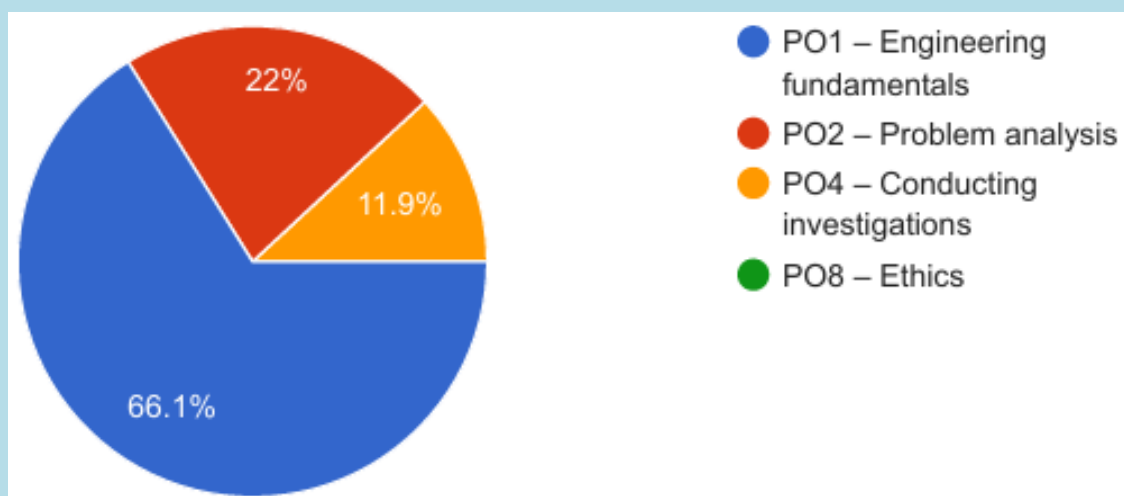
10. The Communicative English event on process and channels of communication directly supports which workplace competency?



11. The Engineering Mechanics event introducing vector forces strengthens foundational knowledge required for which later engineering domain?



12. The Guidelines for Electrical Engineers session helped students understand practical aspects like wiring and control, contributing mainly to:





## Summary of Student Induction Program

The **Student Induction Program (SIP)** for the **batch 2025–2029** of **Electrical and Electronics Engineering** students was successfully conducted from **18<sup>th</sup> September 2025 to 11<sup>th</sup> October 2025** with the objective of welcoming and orienting first-year students into their academic journey. Organized in line with **AICTE SIP guidelines**, the program focused on creating a supportive learning ecosystem, nurturing values, and empowering students with essential academic and life skills.

The **Student Induction Program** began with motivational addresses by respected dignitaries and featured a series of structured modules including **Universal Human Values, Physical Health Awareness, Department Familiarization, Industrial Visit, Lectures by Eminent Personalities, Proficiency Enhancement, Literary Activities, Creative Practices** and **Extra-curricular Engagements**.

Students actively participated in inspirational sessions like *time management, anger & stress handling, peer relationship building* and *etc.* Proficiency modules strengthened their foundation in **Mathematics, English communication, and C programming**. Creative platforms such as *drawing, singing, mimicry, debate, documentary production* and *role play* showcased their talents and collaborative skills.

**Health and wellness** sessions including *First Aid Training, Nutrition Awareness, Posture Correction, and Stress-relief exercises* promoted holistic well-being. The **industrial visit** to *M/s Sri Kailaash Transformers, Tindivanam* provided practical exposure and ignited enthusiasm for innovation and research. **NSS and Eco-Club activities** stimulated environmental and social awareness.

The Student Induction Program nurtured confidence, discipline, creativity and a sense of belonging among the budding engineers, laid a strong foundation for a meaningful and successful four-year journey. The program concluded with highly positive feedback expressing gratitude for the enriching and memorable experience.

## LAB INFRASTRUCTURE



**ELECTRICAL MACHINES LAB – I**



**POWER ELECTRONICS AND DRIVES**



**SIMULATION LAB**



**ELECTRONICS LAB**



**RENEWABLE ENERGY SOURCES LAB**



**POWER ELECTRONICS LAB**



**ELECTRIC & HYBRID VEHICLE LAB**



**INDUSTRIAL AUTOMATION AND CONTROL LAB**



**MEASUREMENT AND INSTRUMENTATION LAB**



**CONTROL SYSTEM LAB**



**BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING LAB**



**EMBEDDED SYSTEM LAB**

EEE / I Year / I Sem / B Sec



“The Heart of Technology  
The Brain of Innovation  
The Soul of Progress”

