



SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)



DEPARTMENT OF CIVIL ENGINEERING

FIRST YEAR INDUCTION REPORT

2025-2026

Course Code: U23CEM101

Course Title: Induction Programme

Course Category: Mandatory Course

Course Regulation: R-2023

Credit: Non-Credit

Periods: Three Weeks (19.09.25 to 11.10.25)

Faculty in Charge
(Mr.MCK.Jamenraja)

HOD/Civil
(Dr.S.Sundararaman)

COURSE OUTCOME & SYLLABUS

Department	Civil Engineering	Programme: B.Tech.						
Semester	First	Course Category: MC				End Semester Exam Type: -		
Course Code	U23CEM101	Periods / Week			Credit	Maximum Marks		
		L	T	P	C	CAM	ESE	TM
Course Name	Induction Programme	-	-	-	Non-Credit	-	-	-
Prerequisite	-							
Course Outcomes	On completion of the course, the students will be able to						BT Mapping (Highest Level)	
	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 - Home sickness, 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.						CO1		
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.						CO2		
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						CO3		

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, Role play, சிறப்பு சொற்பொழிவு - தமிழர் மரபு மற்றும் தமிழர் தொழில்நுட்பம்.		CO4

UNIT-V	Creative Arts	Periods: 12
Introduction to painting and renowned artworks -Documentary and Short films - Music - Vocal, Instrumental - Dance - Classical, Cinematic - Mimicry - Mime.		CO5

Lecture Periods: 60	Tutorial Periods: -	Practical Periods: -	Total Periods: 60
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Reference Books

1. R.R Gaur, R. Asthana, G.P. Bagaria," A Foundation Course in Human Values and Professional Ethics", Excel Books, New Delhi, 2nd Revised Edition, 2019.
2. Kumar Mohan R, "English Grammar for all (Functional and Applied Grammar)", Unicare Academy, 2022.
3. Seely, John," Oxford A-Z of Grammar and Punctuation, Oxford Publication, 2013.
4. B.V. Ramana," Higher Engineering Mathematics", Tata McGraw – Hill, New Delhi, 6th Edition, 2018.
5. Dr. A. Singaravelu, "Engineering Mathematics - I", Meenakshi publications, Tamil Nadu, 2019.
6. E. Balagurusamy, "PROGRAMMING IN ANSI C", Mc Graw Hill, 8th Edition, 2019.
7. Dr.K.K.Pillay,"Social Life of Tamils", A joint publication of TNTB & ESC and RMRL
8. R.Balakrishnan, "Journey of Civilization",Roja muthiah research publishers, 1st Edition 2019
9. தமிழக வரலாறு - மக்களும் பண்பாடும், பிள்ளை, கே. கே. , சென்னை : உலகத் தமிழாராய்ச்சி நிறுவனம் , 2002.
10. கணினித்தமிழ் - முனைவர் இல.சுந்தரம், விகடன் பிரசுரம்.
11. கீழடி - வைகை நதிக்கரையில் சங்க கால நகர நாகரிகம், தமிழக 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>

SCHEDULE FOR FISRT YEAR INDUCTION PROGRAMME

BATCH: 2025-2029

Day/Date	Time	Activities	Faculty Incharge
Day 1 19.09.2025 Friday	08.45 AM - 09.35 AM	Student & Staff Self Introduction	All Faculty
	09.35 AM - 11.15 AM	Familiarization about College / Department	Dr.S.Sundararaman HoD/Civil
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Familiarization & Branch Overview	Dr.S.Sundararaman HoD/Civil
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 04.30 PM	Campus Visit	Mr.K.Srinivasan Asst.Prof/ Civil
Day 2 20.09.2025 Saturday	08.45 AM - 10.25 AM	Extra-Curricular Activity	Mrs.A.Kalyani Asst.Prof/ Civil
	10.25 AM - 11.15 AM		
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Universal Human Values (UHV)	Dr.V.Murugappan Asst.Prof/ Civil
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Physical Activity	Mr.MCK.Jamenraja Asst.Prof/ Civil
	02.40 PM - 04.30 PM	Physical Activity	
Day 3 22.09.2025 Monday	08.45 AM – 09.35AM	Gathering	
	09.35AM - 11.00 AM	Presentation by the HOD’s	
	11.00AM – 11.30 AM	Importance of Coding Practices.	
	11.30 AM – 12.30PM	Address by Director, COE & Deans.	
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 04.30 PM	தமிழர் மரபும் கலாசாரமும்	சிறப்பு விருந்தினர் வி.ராமகிருஷ்ணன்
Day 4 23.09.2025 Tuesday	08.45 AM - 10.25 AM	Proficiency Module – English	Dr.Velmurugan Asst.Prof/ English
	10.25 AM - 11.15 AM	Proficiency Module – Mathematics	Mrs.S.Revathi/Maths
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Universal Human Values (UHV)	Dr.C.Rajgovind Asst.Prof/ Civil
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 04.30 PM	Literary Activities	Mrs.J.Jayapriya Asst.Prof/ Civil
Day 5 24.09.2025 Wednesday	08.45 AM - 10.25 AM	Literary Activities	Mrs.J.Jayapriya Asst.Prof/ Civil
	10.25 AM - 11.15 AM	Proficiency Module – C Programming	Asst.Prof/ CSE
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Universal Human Values (UHV)	Dr.V.Murugappan Asst.Prof/ Civil

Day/Date	Time	Activities	Faculty Incharge
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Creative Arts	Dr.C.RajGovind Asst.Prof/ Civil
	02.40 PM - 04.30 PM	Creative Arts	
Day 6 25.09.2025 Thursday	08.45 AM - 10.25 AM	Literary Activities	Mr.K.Srinivasan Asst.Prof/ Civil
	10.25 AM - 11.15 AM	Proficiency Module – Mathematics	Mrs.S.Revathi/Maths
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Universal Human Values (UHV)	Dr.V.Murugappan Asst.Prof/ Civil
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Literary Activity	Mr.MCK.Jamenraja Asst.Prof/ Civil
	02.40 PM - 04.30 PM	Proficiency Module – English	Dr.Velmurugan Asst.Prof/English
Day 7 26.09.2025 Friday	08.45 AM - 10.25 AM	Universal Human Values (UHV)	Mr.MCK.Jamenraja Asst.Prof/ Civil
	10.25 AM - 11.15 AM	Lecture by Eminent Person – Session 1	Guest Person
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Alumni Interaction	Alumnus
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Literary Activity	Dr. C. Raj Govind Asst.Prof/ Civil
	02.40 PM - 04.30 PM	Physical Activity	Mr.K.Srinivasan Asst.Prof/ Civil
Day 8 27.09.2025 Saturday	08.45 AM - 04.30 PM	Site Visit / Industrial Visit	Mr.K.Srinivasan Asst.Prof/ Civil
Day 9 29.09.2025 Monday	08.45 AM - 10.25 AM	Creative Arts	Mrs.A.Kalyani Asst.Prof/Civil
	10.25 AM - 11.15 AM	Creative Arts	
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Universal Human Values (UHV)	Dr.V.Murugappan. Asst.Prof/ Civil
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Extra-Curricular Activity	Mrs.J.Jayapriya Asst.Prof/ Civil
	02.40 PM - 04.30 PM	Extra-Curricular Activity	Dr.C.Raj Govind Asst.Prof/ Civil
	08.45 AM - 10.25 AM	Proficiency Module – Tamil	Asst.Prof / Tamil
	10.25 AM - 11.15 AM	Proficiency Module – C	Asst.Prof / CSE Staff

Day/Date	Time	Activities	Faculty Incharge
Day 10 30.09.2025 Tuesday		Programming	
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Universal Human Values (UHV)	Mrs.J.Jayapriya Asst.Prof/ Civil
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	NSS Activity	Dr.V.Murugappan Asst.Prof/ Civil
	02.40 PM - 04.30 PM	NSS Activity	
Day 11 03.10.2025 Friday	08.45 AM - 10.25 AM	Lecture by Eminent Person – Session 1	Guest Person
	10.25 AM - 11.15 AM		
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Lecture by Eminent Person – Session 2	Guest Person
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Physical Activity	Mr.K.Srinivasan
	02.40 PM - 04.30 PM	Physical Activity	Mr.MCK.Jamenraja
Day 12 06.10.2025 Monday	08.45 AM - 10.25 AM	Proficiency Module – English	Dr.Velmurugan Asst.Prof/English
	10.25 AM - 11.15 AM	Proficiency Module – Mathematics	Mrs.S.Revathi/Maths
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Extra-Curricular Activity	Dr.V.Murugappan Asst.Prof/Civil
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Short Presentation on Emerging Techniques	Mr.MCK.Jamenraja Asst.Prof/Civil
	02.40 PM - 04.30 PM	Short Presentation on Emerging Techniques	Mr.K.Srinivasan Asst.Prof/Civil
Day 13 07.10.2025 Tuesday	08.45 AM - 10.25 AM	Literary Activity	Dr.C.Rajgovind Asst.Prof/Civil
	10.25 AM - 11.15 AM		
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Proficiency Module - English	
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Extra-Curricular Activity	Mrs.A.Kalyani Asst.Prof/Civil
	02.40 PM - 04.30 PM	Extra-Curricular Activity	Mr.K.Srinivasan Asst.Prof/Civil
Day 14 08.10.2025 Wednesday	08.45 AM - 10.25 AM	Proficiency Module – Tamil	Asst.Prof/Tamil
	10.25 AM - 11.15 AM	Proficiency Module – C Programming	Asst.Prof/ CSE
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Proficiency Module - English	Dr.Velmurugan Asst.Prof/English
	01.10 PM - 01.50 PM	Lunch Break	

Day/Date	Time	Activities	Faculty Incharge
	01.50 PM - 02.40 PM	Physical Activity	Mr.MCK.Jamenraja
	02.40 PM - 04.30 PM	Physical Activity	Asst.Prof/Civil
Day 15 09.10.2025 Thursday	08.45 AM - 10.25 AM	Creative Arts	Mr.K.Srinivasan
	10.25 AM - 11.15 AM	Creative Arts	Asst.Prof/Civil
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Literary Activity	Dr.V.Murugappan
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Cooking Without Fire	Mrs.A.Kalyani
	02.40 PM - 04.30 PM	Proficiency Module - English	Asst.Prof/English
Day 16 10.10.2025 Friday	08.45 AM - 10.25 AM	NSS Activity	Mr.V.Murugaapn
	10.25 AM - 11.15 AM	Creative Arts	Asst.Prof/Civil
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Literary Activity	Mrs.A.Kalyani
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Extra-Curricular Activity	Mrs.J.Jayapriya
	02.40 PM - 04.30 PM	Extra-Curricular Activity	Asst.Prof/Civil
Day 17 11.10.2025 Saturday	08.45 AM - 10.25 AM	Creative Arts	Dr.C.Rajgovind
	10.25 AM - 11.15 AM	Literary Activity	Asst.Prof/Civil
	11.15 AM - 11.30 AM	Break	
	11.30 AM - 01.10 PM	Psychometric Test	Dr.V.Murugappan
	01.10 PM - 01.50 PM	Lunch Break	
	01.50 PM - 02.40 PM	Feedback & Reflection	Mr.MCK.Jamenraja
	02.40 PM - 04.30 PM		Asst.Prof/Civil

DAY 1: 19.09.2025 (Friday)

SESSION 1: STUDENT & STAFF SELF INTRODUCTION

This session is designed to help everyone get acquainted with one another, establish a friendly and interactive environment, and set the stage for a productive academic year. Through self-introductions, students will share their backgrounds, interests, and aspirations, while faculty members will introduce themselves, their areas of expertise, and teaching approach. The purpose of this session is not just to exchange names, but to create connections, foster communication, and build a community where learning is engaging, inclusive, and inspiring.



Students and Staff Self introduction

DAY 1: (19.09.2025)

SESSION 2: FAMILIARIZATION ABOUT COLLEGE & DEPARTMENT BY HEAD OF THE DEPARTMENT

Discuss about the History of the Department:

- Growth in academics, research, and infrastructure.
- Significant milestones showcasing development.

Discuss about the Mission and Vision:

- Focus on producing industry-ready professionals.
- Emphasis on technical expertise, practical skills, and ethics.

Discuss about the Curriculum Overview:

- Core areas: Structural, Geotechnical, Environmental, Transportation, Water Resource Engineering, Surveying.
- Electives and specialization options.

Discuss about the Practical Learning:

- Labs, field studies, internships, project-based learning.

Discuss about the Assessment Methods:

- Exams, projects, presentations, continuous assessments.

Discuss about the Academic Expectations:

- Consistent performance, practical engagement, and industry interaction.



Familiarization about college & department by Head of the Department

SESSION 3: CAMPUS VISIT

Name of the Staff: Mr. K. Srinivasan

The session involved a guided campus visit, where students explored various facilities to gain practical exposure and familiarize themselves with the college environment. Under the guidance of Mr. K. Srinivasan, students visited the library, Idea Lab, EthnoTech Lab, and FMM Lab, observing resources, ongoing projects, and innovative technologies. The visit provided students with a better understanding of academic and research opportunities, encouraging curiosity, learning, and engagement with practical applications of their studies. The session was informative, interactive, and inspiring for all participants.



Library



Idea Lab



Ethnotech Lab



Fluid Mechanics Lab

Day 2 – 20.09.2025 (Saturday)

SESSION 1: EXTRA-CURRICULAR ACTIVITIES

Name of the Staff: Mrs. A. Kalyani

The session focused on enhancing teamwork, cooperation, and leadership skills among students through team-building exercises and interactive games. Students participated enthusiastically, engaging in activities that encouraged communication, coordination, and problem-solving. The session helped strengthen peer relationships and fostered a sense of unity and collaboration. Faculty members appreciated the students' active involvement, making the session both enjoyable and skill-enriching.



The **Extra-Curricular Activities** session, conducted by **Mrs. A. Kalyani**, Assistant Professor

SESSION 2: UNIVERSAL HUMAN VALUE

Name of the Staff: Dr.V.Murugappan

- **Understanding Values:** To help students understand the concept of values, ethics, and morality and how they shape human behavior and society.
- **Promoting Ethical Awareness:** To raise awareness about ethical dilemmas and challenges in various personal, professional, and societal contexts.

- Cultural Sensitivity: To foster an appreciation for diverse cultural perspectives on values and ethics and to promote tolerance and respect for different value systems.

Topic Handled:

- Welcome and Introduction (Getting to know each other)
- Aspirations and Concerns (Individual academic, career, Expectations of family, peers)



The Universal Human Values (UHV) session, conducted by Dr. V. Murugappan,

SESSION 3: PHYSICAL ACTIVITY

Name of the Staff: Mr. MCK. Jamenraja

Students enthusiastically participated in outdoor games such as Volley ball, Badminton, demonstrating their strategic thinking and team spirit during the Physical activity session.



The Physical Activity and Sports session, conducted by Mr. MCK. Jamenraja

Day 3 – 22.09.2025 (Monday)

The orientation program commenced with an assembly session where the schedule and objectives of the day were outlined. The Heads of Departments (HODs) provided informative presentations highlighting departmental structure, academic policies, and career opportunities, helping students gain clarity about their academic path.

A session on the Importance of Coding Practices emphasized the significance of programming skills in modern engineering applications.

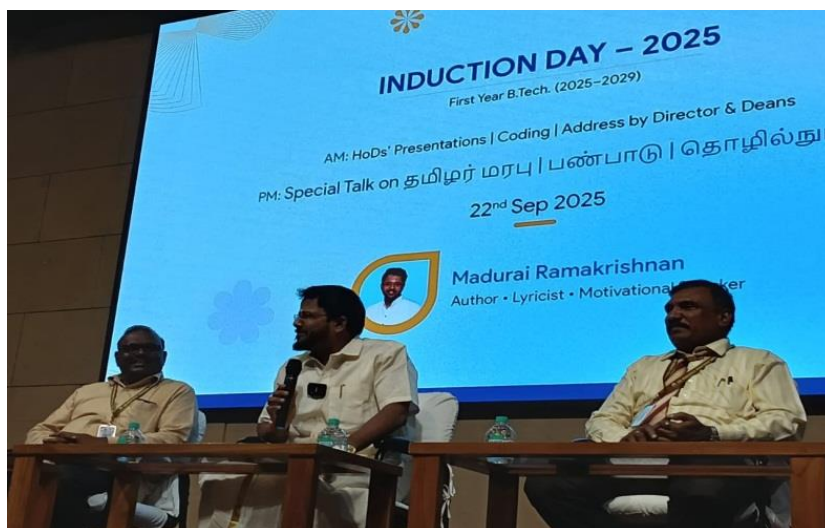
The program concluded with inspiring addresses by the Director, Controller of Examinations (COE), and Deans, who shared the institution's vision, values, and expectations. Their words motivated students to pursue excellence, discipline, and innovation in their academic and professional endeavours.



Heads of Departments (HODs) Civil & Mechanical

13:50 – 16:30: தமிழர் மரபும் கலாசாரமும் – Cultural awareness session by Guest Speaker, வி. ராமகிருஷ்ணன்.

The speech was about “Tamil Marabu” and Tamil Technology by Madurai Ramakrishnan sir, which was effectively conveyed the main message. He provides the relevant examples and anecdotes. He taught us with simple and concise language. The content was well-structured and easy to follow. He demonstrated confidence and passion of the topic.



The speech was about “Tamil Marabu” by Madurai Ramakrishnan sir

Day 4 – 23.09.2025 (Tuesday)

SESSION 1: PROFICIENCY MODULE ENGLISH

Name of the Staff: Dr.Velmurugan

- Many job opportunities require proficiency in English, especially in international business, tourism, hospitality, and fields that involve communication with a global audience. The objective may be to enhance career prospects and employability.
- For students, proficiency in English may be essential for academic success, including understanding course materials, participating in class discussions, and writing research papers or essays.

Topic Handled:

- Introduction to Communication Skills
- Importance and usage of Synonyms
- Importance and usage of Antonyms



The Proficiency module - English Session, conducted by Dr. Velmurugan,

SESSION 2: PROFICIENCY MODULE - MATHEMATICS

Name of the Staff: Mrs.S. Revathi

- To understand different methods of differentiation.
- To understand the definition of an indefinite integral as a result of reversing the process of differentiation.

Topic Handled:

- Concept of differentiation- Concept of derivative
- Slope of a curve - Differentiation Techniques.



The Proficiency module - Maths Session, conducted by Mrs.S.Revathi

SESSION 3: Universal Human Values (UHV)

Name of the Staff– Dr.C. Raj Govind

To emphasize the importance of being responsible and ethical citizens who contribute positively to society.

- Critical Thinking: To develop critical thinking skills that enable students to evaluate ethical issues and make informed moral decisions.
- Conflict Resolution: To equip students with skills to resolve conflicts in an ethical and constructive manner.



The UHV Session, conducted by Dr.C.Raj Govind

SESSION 4: LITERARY ACTIVITIES

Name of the Staff: Mrs. J. Jayapriya

Team-building quizzes are an engaging and interactive way to strengthen teamwork, communication, and collaboration within a group. These activities encourage participants to work together, fostering a sense of unity and shared purpose.



Creative writing exercise was conducted by Mrs. Jayapriya, Assistant Professor.

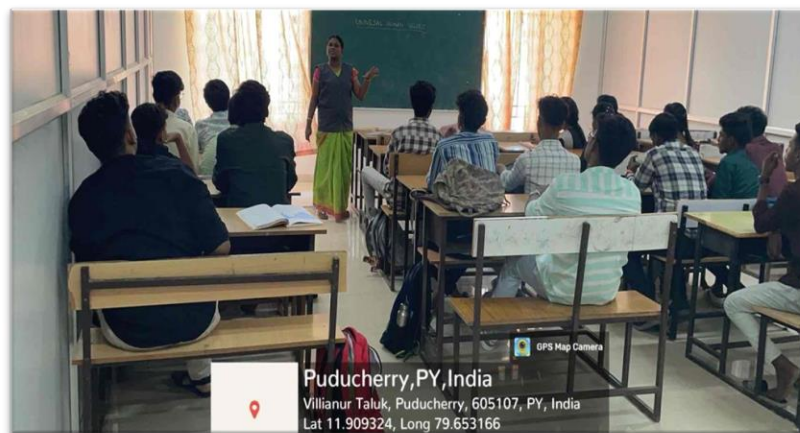
Day 5 – 24.09.2025 (Wednesday)

SESSION 1: Literary Activities

Name of the staff: Mrs. J. Jayapriya

Topic: Group Discussion – Importance of Civil Engineering in Society

Group discussion is a collaborative conversation where a group of individuals exchanges ideas, opinions, and perspectives on a particular topic or issue.



Group Discussion about Importance of Civil Engineering to Society, conducted by Mrs. J. Jayapriya, Assistant Professor, Department of Civil Engineering

SESSION 2: Proficiency Module – C Programming

Name of the staff: Mr. Saravanan

- The objectives of a C programming language can vary depending on the specific context and the goals of the programmer or project. However, some common objectives when writing C programs includes
- Problem Solving: C is a versatile and powerful programming language that can be used to solve a wide range of computational problems. One of the primary objectives is to use C to develop efficient solutions to these problems.

Topic Handled:

- Features of C and its basic Structure
- Keywords, constants



Mr. J.Saravanan, Assistant Professor explaining about the Features of C and its basic Structure

SESSION 3: Universal Human Values (UHV)

Name of the Staff: Dr.V.Murugappan

- To foster an appreciation for diverse cultural perspectives on values and ethics and to promote tolerance and respect for different value systems.
- Character Development: To encourage personal character development and the cultivation of virtues such as empathy, compassion, honesty, and integrity.
- Social Responsibility: To emphasize the importance of being responsible and ethical citizens who contribute positively to society.

Topic Handled:

- Gratitude towards Parents, Teachers and others Ragging and interaction
- Competition and Cooperation, Peer Pressure
- Society - Participation in Society



**UHV Session conducted by Dr. V. Murugappan, Assistant Professor,
Department of Civil Engineering**

SESSION 4: CREATIVE ARTS

Name of the Staff: Dr. C.Raj Govind

TOPIC: CINEMATIC - MIMICRY – MIME

Mime activities are excellent for developing communication, creativity, and teamwork without the use of words.



Students performing mime during the Creative Arts session conducted by Dr. C. Raj Govind

Day 6 – 25.09.2025 (Thursday)

SESSION 1: LITERARY ACTIVITIES

Name of the staff: Mr.K.Srinivasan

Debate is a structured discussion where two or more participants present opposing viewpoints on a particular topic. Each side is given an opportunity to argue their position, defend their reasoning, and challenge the ideas presented by the opposing side.



Debate about Indian Culture vs western Culture conducted by Mr.K.Srinivasan

SESSION 2: PROFICIENCY MODULE-MATHEMATICS

Name of the staff: Mrs.S.Revathi

- To apply definite integral to evaluate area of a plane region and volume of revolution.
- To establish some properties of definite integrals.

Topic handled

- Method of substitution- Differentiation of parametric functions.
- Differentiation of implicit functions- Higher order derivatives.
- Area and volume- Length of curve- surface area of a solid.



Mathematics session Conducted by Mrs.S.Revathi

SESSION 3: UNIVERSAL HUMAN VALUES

Name of the Staff: Mr. V. Murugappan

- To develop critical thinking skills that enable students to evaluate ethical issues and make informed moral decisions.
- **Conflict Resolution:** To equip students with skills to resolve conflicts in an ethical and constructive manner.

Topic Handled

- Natural Environment - Participation in Nature
- Sum Up - Role of Education, Need for a Holistic Perspective.



UHV Session Conducted by Dr.V.Murugappan

SESSION 4: LITERARY ACTIVITY

Name of the Staff: Mr.MCK.Jamenraja

The session focused on enhancing students' literary and communication skills. A debate was conducted, where students actively participated, presenting their arguments with clarity, confidence, and critical thinking. The activity encouraged effective expression, logical reasoning, and teamwork, allowing students to engage in healthy discussions. Faculty members appreciated the participants for their enthusiasm and insightful perspectives, making the session both interactive and intellectually stimulating.



Debate was conducted during the session of Literary activity by Mr.MCK.Jamenraja

SESSION 5: PROFICIENCY MODULE - ENGLISH

Name of the Staff: Dr. Velmurugan

The session aimed at enhancing students' English language proficiency, focusing on communication skills, vocabulary, grammar, and comprehension. Through interactive activities, discussions, and practical exercises, students were encouraged to improve their speaking, writing, and listening abilities. The session emphasized the importance of effective communication in academic and professional contexts, helping students build confidence and clarity in using the English language. Dr. Velmurugan guided the students and appreciated their active participation throughout the session.



Proficiency module – English was conducted by Dr.Velmurugan

Day 7 – 26.09.2025 (Friday)

SESSION 1: UNIVERSAL HUMAN VALUES

Name of the Staff: Mr. MCK. Jamenraja

The session focused on instilling universal human values such as honesty, integrity, empathy, and respect among students. Through interactive discussions and real-life examples, students were encouraged to reflect on ethical behaviour, social responsibility, and personal development. The session highlighted the importance of applying these values in both personal and professional life. Students actively participated, sharing their thoughts and experiences, making the session engaging, insightful, and thought-provoking.



Mr.MCK.Jamenraja explained about Honesty and Integrity during the session of UHV.

SESSION 2: SENIOR STUDENT INTERACTION and PROJECT EXPLANATION

Name of the Staff: Mr. MCK. Jamenraja

The session provided an opportunity for junior students to interact with senior students, gaining insights into academic experiences, project work, and campus life. Senior students explained their ongoing and completed projects, highlighting methodologies, challenges faced, and problem-solving approaches. The session encouraged knowledge sharing, mentorship, and practical understanding of technical concepts. Students actively engaged in discussions, asked questions, and clarified doubts, making the session informative, interactive, and beneficial for academic growth.



Students from 3rd Year interaction with Students

SESSION 3: LITERARY ACTIVITY

Name of the Staff: Dr.C.Raj Govind

The session focused on developing students' creative and literary skills through activities such as writing, storytelling, and poetry. During the session, student Bala Ganesh delivered an excellent speech on the life and achievements of former President and scientist, Dr. APJ Abdul Kalam, highlighting his contributions to science and nation-building. Students actively participated, showcasing their imagination, critical thinking, and communication skills. Faculty members appreciated the efforts of all participants, making the session engaging, inspiring, and intellectually enriching.



Literary Activity conducted by Dr.C.Raj Govind

SESSION 4: PHYSICAL ACTIVITY

Name of the Staff: Mr.K.Srinivasan

The session focused on promoting physical fitness, health, and overall well-being among students. Mr. K. Srinivasan explained the march past competition and various sports activities, encouraging students to actively participate. Students engaged enthusiastically in games like shuttlecock, demonstrating teamwork, coordination, and sportsmanship. The session highlighted the importance of regular physical activity and recreational sports for maintaining a balanced and healthy lifestyle, making it both interactive and motivating for the participants.



Mr. K. Srinivasan addressing students during the Physical Activity session on sports and march past preparation.

Day 8 – 27.09.2025 (Saturday)

Site Visit / Industrial Visit

- Students visit Dakshina Chitra has an array of displays and relocated originals of dwellings depicting the life pattern of people in the states of southern India. The exhibits portray the architecture, art, folk performing-arts and craft of South Indian

traditions. The amenities include a research unit, crafts bazaar, playground, an area to hold religious functions, stone workshop, and souvenir kiosks. There are craftsmen who permanently work at Dakshina Chitra who demonstrate or explain how they make their wares. Besides workshops are conducted regularly for various crafts by artists who rent the community studio.

- Students visited the UNESCO World Heritage Site – Mahabalipuram, renowned for its 7th and 8th-century rock-cut temples and sculptures. Key attractions included the Shore Temple on the Bay of Bengal, Pancha Rathas monolithic temples, the grand Descent of the Ganges bas-relief, Krishna's Butterball – a naturally balanced boulder, and the Mahishasuramardini Cave with intricate deity carvings.



Students during the Industrial Visit guided by Mr. MCK. Jamenraja.

Day 9 (29.09.2025)

SESSION 1: CREATIVE ARTS

Name of the Staff: Mrs.A.Kalyani

Model making workshop was conducted for the students. The objective of the event was to give students an opportunity to develop their creativity, critical thinking, and problem-solving skills by designing and building a model. The students were provided with a set of materials such as cardboard, paper, glue, scissors, and rulers, which they could use to design and build their models. The students were given a set of guidelines to follow, which included a specific theme or problem statement for their models.



Students actively engaged in Model Making during the Creative Arts session conducted by Mrs. A. Kalyani

SESSION 2: UNIVERSAL HUMAN VALUES

Name of the Staff: Dr.S.Sundararaman

- Character Development: To encourage personal character development and the cultivation of virtues such as empathy, compassion, honesty, and integrity.
- Social Responsibility: To emphasize the importance of being responsible and ethical citizens who contribute positively to society.

Topic Handled:

- Gratitude towards Parents, Teachers and others Ragging and interaction
- Competition and Cooperation, Peer Pressure
- Society - Participation in Society

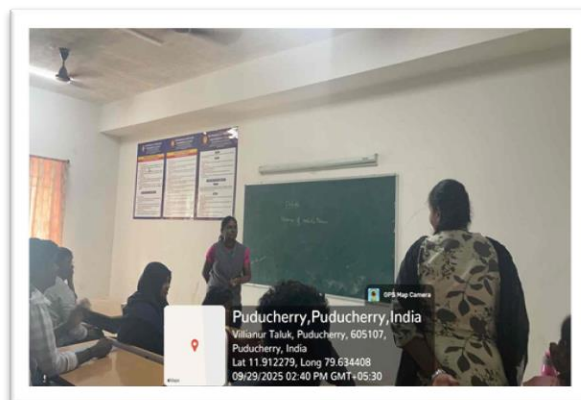


UHV Session Conducted by Dr.S.Sundararaman

SESSION 3: EXTRA-CURRICULAR ACTIVITY

Name of the Staff: Mrs.J.Jayapriya

As part of the extra-curricular activities, Mr. Shivraj delivered a lively and energetic dance performance, captivating the audience with his enthusiasm and stage presence. Ms. Vanarani followed with a melodious song performance, showcasing her vocal talent and confidence. Both students received warm appreciation from the audience and faculty members, making the session vibrant and memorable.



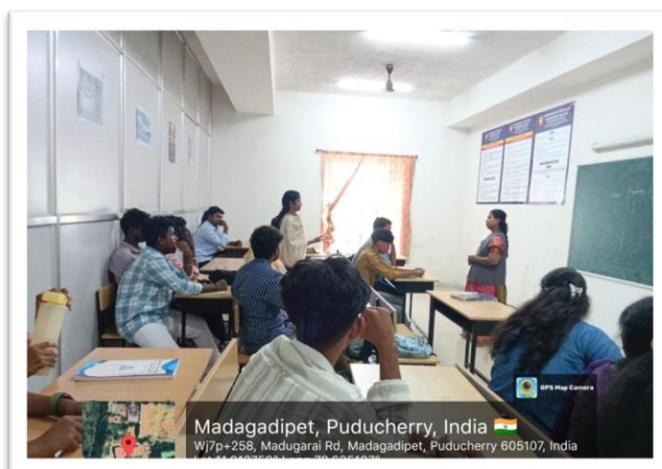
Extra Curricular Activities session Conducted by Mrs.J.Jayapriya

Day 10 - 30.09.2025 (Tuesday)

SESSION 1: PROFICIENCY MODULE – TAMIL

Name of the Staff: Mrs.A.Kalyani

Ancient Tamil architectural marvels by Mrs.Kalyani , which was effectively conveyed the main message. She provides the relevant examples and anecdotes. She taught us with simple and concise language. The content was well-structured and easy to follow. He demonstrated confidence and passion of the topic.



Ancient Architectural marvels of Tamil culture session by Mrs.K.kalyani

SESSION 2: PROFICIENCY MODULE – C PROGRAMMING

Name of the Staff: Mr.J.Saravanan

- C allows for modular programming, where code can be organized into separate functions or modules. Objectives may include creating modular, maintainable code that is easy to understand and modify.
- Memory Management: C gives the programmer direct control over memory allocation and deallocation. An objective may be to manage memory efficiently to avoid memory leaks and optimize program performance.

Topic Handled:

- Variables & operators, Data types
- Formatted input and output statements, Control and Looping statement.



Explaining of Variables and Operations of C programming by Mr.J.Saravanan

SESSION 3: UNIVERSAL HUMAN VALUES (UHV)

Name of the Staff: Mrs.J.Jayapriya

To emphasize the importance of being responsible and ethical citizens who contribute positively to society.

- Critical Thinking: To develop critical thinking skills that enable students to evaluate ethical issues and make informed moral decisions.
- Conflict Resolution: To equip students with skills to resolve conflicts in an ethical and constructive manner.

Topic Handled:

- Self-Management (Self-confidence, peer pressure, Time management, anger, stress)
- Self-Management (Personality development, self-Improvement)
- Health (Health issues, healthy diet, healthy lifestyle, Hostel life)



UHV Conducted by Mrs.J.Jyapriya

SESSION 4: NSS PROGRAMME

Name of the Staff: Mr.V.Murugappan

NSS (National Service Scheme) programs are typically designed to encourage students to actively contribute to the community, develop leadership qualities, and foster a sense of social responsibility. Some common types of NSS programs include:

- Health Camps
- Environmental Initiatives
- Educational Outreach
- Disaster Management
- Community Development
- Awareness Campaigns



NSS programme conducted by Dr.V.Murugappan

Day 11 - 03.10.2025 (Friday)

SESSION 1: Guest Lecture by Dr. A. K. Kaliluthin, Associate professor, Dr.B.S.Abdur Rahman University, Chennai.

Topic: Best Practices in Construction

- The session covered **case studies** demonstrating successful implementation of sustainable models in real-world projects.
- Students gained insights into **architectural innovations, structural optimization, and the role of technology** in improving construction efficiency.
- An **interactive Q&A session** allowed participants to clarify doubts and share perspectives on emerging trends in the construction industry.

Outcomes of the Guest Lecture

- Participants gained a **comprehensive understanding** of sustainability principles and their practical relevance in civil engineering.
- The lecture helped students **connect theoretical knowledge with professional practices** in the field of construction.



Guest Lecture by Dr. A. K. Kaliluthin

SESSION 2: PHYSICAL ACTIVITY

Name of the Staff: Mr.K.Srinivasan

Students have been actively participated in Yoga, indoor games like carom board, chess etc.

Outcomes:

- Improves self-confidence and self-worth.
- Increases attention span.
- Increases problem solving skills.
- Increases memory capacity.



Physical activity session conducted by Mr.K.Srinivasan

Day 12 (06.10.2025)

SESSION 1: PROFICIENCY MODULE – ENGLISH

Name of the Staff: Dr.Velmurugan

- For individuals planning to study or work in English-speaking countries, achieving a specific score on standardized English language exams like IELTS or TOEFL may be the objective.
- Business and Professional Writing: Proficiency in English writing is essential for creating business documents, emails, reports, and other professional communication materials. The objective may be to improve business writing skills.
- Immigration and Citizenship: Proficiency in English is often a requirement for immigration and citizenship in English-speaking countries. The objective is to meet the language proficiency requirements set by immigration authorities.

Topic Handled:

- Idioms and Phrases
- One-word Substitution
- Homophones & Homonyms



Explaining about idioms and phrases in English session by Dr.Velmurugan

SESSION 2: PROFICIENCY MODULE – MATHEMATICS

Name of the Staff: Mrs.S.Revathi

- To apply definite integral to evaluate area of a plane region and volume of revolution.
- To establish some properties of definite integrals.

Topic handled

- Method of substitution- Differentiation of parametric functions.
- Differentiation of implicit functions- Higher order derivatives.

Area and volume- Length of curve- surface area of a solid.



SESSION 3: SHORT PRESENTATION ON EMERGING TECHNIQUES

Name of the Staff: Mr.K.Srinivasan

To enlighten students about the latest advancements and innovative practices transforming the civil engineering industry. The session covered modern construction methods such as 3D printing in construction, smart materials, sustainable building technologies, Building Information Modelling (BIM), and the use of artificial intelligence and drones in surveying and project management. Mr. Srinivasan emphasized the importance of adopting new technologies to improve efficiency, safety, and sustainability in construction practices. The presentation was highly informative and inspired students to stay updated with technological developments to meet future engineering challenges.



Presentation emerging techniques in civil engineering by Mr.K.Srinivasan

Day 13 (07.10.2025)

SESSION 1: LITERARY ACTIVITIES

Name of the Staff: Dr.C.Raj Govind

The session was designed to inspire and encourage students to express their creativity, imagination, and individuality through a blend of literary and artistic forms. It provided a vibrant platform for them to showcase their talents while exploring new dimensions of self-expression. Students Hasika and Vanarani actively participated by presenting their beautifully crafted artworks, each piece reflecting a unique blend of creativity, originality, and artistic skill. Their works captured the audience's attention and conveyed deep emotions and thoughtful ideas through visual expression. The activity not only emphasized the significance of creativity in enhancing communication and personal expression but also fostered an atmosphere of collaboration and inspiration among participants. Faculty members and peers highly appreciated the students' efforts, recognizing the dedication and passion behind their creations. Overall, the session proved to be an engaging, enriching, and motivating experience that celebrated artistic talent and encouraged students to continue nurturing their creative potential.



Literary activity conducted by Dr.C.Raj Govind

SESSION 2: EXTRA-CURRICULAR ACTIVITIES

Name of the Staff: Mrs.A.Kalyani

Students enthusiastically participated in various indoor games such as Chess and Carrom during the Extra-Curricular session. The activities encouraged healthy competition and teamwork, allowing students to demonstrate their strategic thinking, focus, and cooperative spirit in a friendly and engaging environment.



Extra-Curricular Activities Conducted by Mrs.A.Kalyani

Day 14 (08.10.2025)

SESSION 1: PROFICIENCY MODULE – C Programming

Name of the Staff: Dr. C. Raj Govind

The C Programming session was organized to strengthen the students' fundamental programming skills and logical thinking abilities. Through practical learning and hands-on exercises, students gained exposure to the core concepts of programming, such as variables, loops, conditional statements, and functions. The session emphasized problem-solving and coding efficiency, enabling students to apply theoretical knowledge to real-world programming scenarios. Overall, it provided a strong foundation for their future studies in computer and technical applications.



C- Programming session conducted by Dr.C.Raj Govind

SESSION 2: PROFICIENCY MODULE - ENGLISH

Name of the Staff: Dr. Velmurugan

- For students, proficiency in English may be essential for academic success, including understanding course materials, participating in class discussions, and writing research papers or essays

Topic Handled:

- Introduction to Communication Skills
- Importance and usage of Synonyms
- Importance and usage of Antonyms



Proficiency Module - English session conducted by Dr.Velmurugan

SESSION 3: PHYSICAL ACTIVITY

Name of the Staff: Mr.K.Srinivasan

Mr. Srinivasan delivered an informative session on fitness, emphasizing the importance of physical well-being and regular exercise for maintaining a healthy lifestyle.



Physical Activity Session conducted by Mr.K.Srinivasan

Day 15 (09.10.2025)

SESSION 1: MOTIVATIONAL SPEECH BY Dr.I.JEGAN

He made us to overcome the fear and failure and he told us to face your fears, “Don’t let them to define you, achieve your dreams and soar to new heights”.His inspirational quotes are “You are the architect of your own destiny.” He made us think, He made us cry, He made us smile, He made us how to live happily.



Motivational Speech by Dr.I.Jegan

Day 16 (10.10.2025)

SESSION 1: NSS Activity

Name of the Staff: Dr. V. Murugappan

The National Service Scheme (NSS) is a government-sponsored program that aims to develop the personality of students through community service. It encourages youth to engage in social welfare activities, fostering a sense of responsibility, discipline, and commitment toward society.



NSS Activity conducted by Dr.V.Murugappan

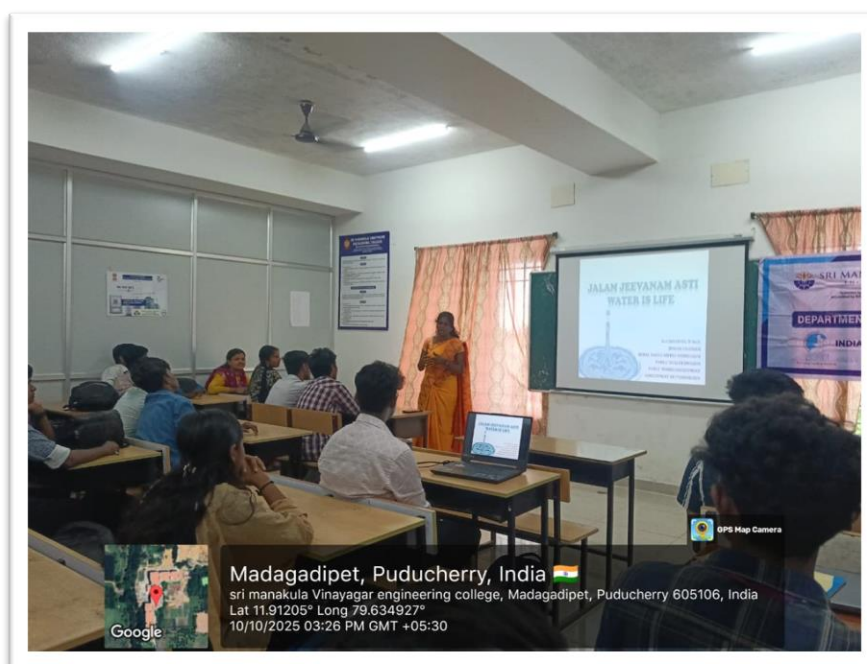
SESSION 2: GUEST LECTURE by Er. S.Nivedita, Junior Engineer, PWD, Government of Puducherry

- The program commenced with a welcome address by the faculty coordinator of the Department of Civil Engineering, emphasizing the importance of water conservation and the relevance of the theme “*Jalam Jeevanam Asti - Water is Life: Preserving Our Most Precious Resource.*”
- The resource person delivered an informative lecture on sustainable water management, highlighting modern techniques such as rainwater harvesting, wastewater recycling, and efficient water distribution systems.
- The session also focused on the role of civil engineers in promoting water sustainability and designing eco-friendly infrastructure.
- Students and faculty members actively participated in the interactive discussion, sharing ideas and asking questions related to practical water conservation methods.
- The event concluded with a formal vote of thanks, appreciating the valuable insights shared by the resource person and encouraging participants to implement sustainable water practices in everyday life.

Outcomes of the Guest Lecture

- Students gained a clear understanding of the importance of water as a vital natural resource and the need for its sustainable management.

- Participants became aware of various modern and traditional methods of water conservation, such as rainwater harvesting and groundwater recharge.



Guest Lecture by Er. S.Nivedita, Junior Engineer

SESSION 3: EXTRA CURRICULUR ACTIVITIES

Name of the Staff: Mr.MCK.Jamenraja

The Extra-Curricular session provided students with an opportunity to engage in recreational and skill-enhancing indoor games such as Chess and Carrom. Students participated with great enthusiasm, showcasing their strategic thinking, concentration, and team spirit. The session promoted a healthy competitive environment, encouraged peer interaction, and helped students develop problem-solving and decision-making skills beyond the classroom setting.



Extra Curricular Activities Conducted by Mr.MCK.Jamenraja

Day 17 (11.10.2025)

SESSION 1: Literary Activity

Name of the Staff: Dr.C.Raj Govind

Topic: Civil related concepts and Buildings.

Extempore is an impromptu speaking activity where participants are given a topic on the spot and asked to deliver a short, structured speech without prior preparation. It helps improve public speaking, quick thinking, and confidence.



Literary Activity conducted by Dr.C.Raj Govind

SESSION 2: Psychometric Test

Name of the Staff: Mr.K.Srinivasan

A Psychometric Test session was conducted by Mr. K. Srinivasan, where students accessed the **Psychometrica portal** through the provided link to complete the online assessment by entering the necessary details. The test aimed to evaluate students' aptitude, personality traits, and behavioral tendencies, providing valuable insights into their individual strengths and potential career preferences. The session encouraged self-awareness and personal development, helping students align their skills and interests with suitable academic and professional pathways.



Psychometric Test Conducted by Mr.K.Srinivasan

SESSION 3: FEEDBACK ABOUT INDUCTION PROGRAMME

Name of the Staff: Mr.MCK.Jamenraja

During this session, feedback was collected from the students to evaluate their overall experience and satisfaction with the Induction Programme. The purpose was to gather valuable insights on the effectiveness of the sessions, resource persons, and activities conducted throughout the programme. Students shared constructive suggestions and positive remarks, which will be useful in enhancing the planning and implementation of future induction programmes.



Feedback from students about Induction Programme conducted by Mr.MCK.Jamenraja

=====END OF REPORT=====