



SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION)

(APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO PONDICHERRY UNIVERSITY)
(ACCREDITED BY NBA-AICTE, NEW DELHI, ACCREDITED BY NAAC WITH "A" GRADE)
MADAGADIPET, PUDUCHERRY - 605 107



DEPARTMENT OF CIVIL ENGINEERING
FIRST YEAR INDUCTION REPORT
2024-2025

Course Code: U23CEM101

Course Title: Induction Programme

Course Category: Mandatory Course

Course Regulation: R-2023

Credit: Non-Credit

Periods: Two Weeks (09.09.24 to 20.09.24)

STAFF INCHARGE

HOD/CIVIL

Induction Schedule

Day/Date	Time	Activities	Faculty Incharge
Day 1 09.09.2024 Monday	08.45 AM - 09.35 AM	Student & Staff Self Introduction	All faculty members
	09.35 AM - 11.15 AM	Familiarization about College / Department	Dr.S.Sundararaman, HoD/Civil
	11.15 AM - 11.30 AM	<i>Break</i>	
	11.30 AM - 12.20 PM	Universal Human Values (Welcome and Introductions - Getting to know each other, Aspirations and Concerns)	Mrs. J.Jayapriya Assistant Professor / Civil
	12.20 PM - 01.10 PM	Universal Human Values (Individual Academic and Career, Expectations of Family, Peers, Society, Nation, Fixing one's Goals)	
	01.10 PM - 01.50 PM	<i>Lunch Break</i>	
	01.50 PM - 02.40 PM	Bridge course in C Programming (Features of C & its basic structure, Keywords, Constants, variables, operators.)	Assistant Professor / CSE
	02.40 PM - 03.30 PM	Creative Arts (Introduction to painting and renowned artworks)	Mr. C.Raj Govind Assistant Professor / Civil
	03.30 PM - 04.20 PM	Creative Arts (Introduction to painting and renowned artworks)	
Day 2 10.09.2024 Tuesday	08.45 AM - 09.35 AM	Universal Human Values (Self-Management - Self-confidence, Peer Pressure, Time Management) (Anger, Stress Personality Development, Self-improvement)	Mrs. J.Jayapriya Assistant Professor / Civil
	09.35 AM - 10.25 AM	Bridge course in Mathematics (Differentiation)	Ms.Dheebia Assistant Professor / Mathematics
	10.25 AM - 11.15 AM	Bridge course in Mathematics (Partial Differentiation)	

	11.15 AM - 11.30 AM	<i>Break</i>	
	09.35 AM - 10.25 AM	Proficiency in English (Introduction to Communication Skills)	Mr. F. John Bosco Assistant Professor / English
	10.25 AM - 11.15 AM	Proficiency in English (Synonyms, Antonyms and Tenses)	
	01.10 PM - 01.50 PM	<i>Lunch Break</i>	
	1.50 PM - 02.40 PM	Literary Activities (Team building activities – Quiz)	Mrs. A.Kalyani Assistant Professor / Civil
	02.40 PM - 03.30 PM	Literary Activities (Team building activities – Quiz)	
	03.30PM - 04.20 PM	Literary Activities (Team building activities – Quiz)	
Day 3 11.09.2024 Wednesday	08.45 AM - 09.35 AM	Creative Arts (Introduction to painting and renowned artworks)	Mr. C.Raj Govind Assistant Professor / Civil
	09.35 AM - 10.25 AM	Creative Arts (Introduction to painting and renowned artworks)	
	10.25 AM - 11.15 AM	Creative Arts (Introduction to painting and renowned artworks)	
	11.15 AM - 11.30 AM	<i>Break</i>	
	11.30 AM - 12.20 PM	Bridge course in C Programming (Looping Statements)	Assistant Professor / CSE
	12.20 PM - 01.10 PM	Bridge course in C Programming (Array)	
	01.10 PM - 01.50 PM	<i>Lunch Break</i>	
	01.50 PM - 02.40 PM	Literary Activities (Oral Exercises - Group discussion)	Mrs. A.Kalyani Assistant Professor / Civil

	02.40 PM - 03.30 PM	Bridge course in Mathematics (Definite Integrals and properties of Integration)	Ms.Dheebia Assistant Professor / Mathematics
	03.30PM - 04.20 PM	Bridge course in Mathematics (Limits and Continuity)	
Day 4 12.09.2024 Thursday	08.45 AM - 09.35 AM	Literary Activities (Oral Exercises - Group discussion)	Mr.M.C.K.Jameen raja Assistant Professor / Civil
	09.35 AM - 10.25 AM	Universal Human Values (Self-Management - Self-confidence, Peer Pressure, Time Management)	Mr.J.Jayapriya Assistant Professor / Civil
	10.25 AM - 11.15 AM	Universal Human Values (Anger, Stress Personality Development, Self-improvement)	
	11.15 AM - 11.30 AM	<i>Break</i>	
	11.30 AM - 12.20 PM	Proficiency in English (Paragraph writing, Letter writing)	Mr. F. John Bosco Assistant Professor / English
	12.20 PM - 01.10 PM	Proficiency in English (Essay writing, Story Development)	
	01.10 PM - 01.50 PM	<i>Lunch Break</i>	
	01.50 PM - 04.20 PM	Sports (Indoor Games)	Mr. K.Srinivasan Assistant Professor / Mathematics
Day 05 Friday 13.09.2024	08.45 AM - 11.15 AM	Tamil Session	Assistant Professor / Tamil
	11.15 AM - 11.30 AM	<i>Break</i>	
	11.30 AM - 01.10 PM	Tamil Session	Assistant Professor / Tamil
	01.10 PM -	<i>Lunch Break</i>	

	01.50 PM		
	01.50 PM - 02.40 PM	Lecture Series	Mr. K.Srinivasan Assistant Professor / Civil
	02.40 PM - 03.30 PM	Proficiency in English (Homophones, Homonyms, Use of Prepositions)	Mr. John Bosco Assistant Professor / English
	03.30 PM - 04.20 PM	Proficiency in English (Subject-Verb Agreement)	
Day 06 Saturday 14.09.2024		Local Industrial Visit	Mr. K.Srinivasan Assistant Professor / Civil
Day 07 Monday 16.09.2024	08.45 AM - 09.35 AM	Universal Human Values (Relationships , Home sickness, Gratitude towards Parents) (Teachers and others Ragging and interaction, Competition and Cooperation, Peer Pressure)	Mrs. J.Jayapriya Assistant Professor / Civil
	09.35 AM - 10.25 AM	Literary Activities (Oral Exercises - Group discussion)	Mr.V.Murugappan Assistant Professor / Civil
	10.25 AM - 11.15 AM	Literary Activities (Oral Exercises - Group discussion)	
	11.15 AM - 11.30 AM	<i>Break</i>	
	11.30 AM - 12.20 PM	Bridge course in Mathematics (Areas and Surface by using Double Integral)	Ms.Dheebia Assistant Professor / Mathematics
	12.20 PM - 01.10 PM	Bridge course in Mathematics (Volume by using Triple Integral)	
	01.10 PM - 01.50 PM	<i>Lunch Break</i>	
	01.50 PM - 02.40 PM	Creative Arts (Music -Vocal, Instrumental, Dance - Classical)	Mr.V.Murugappan Assistant Professor / Civil

	02.40 PM -	Bridge course in C Programming (Looping Statements)	Assistant Professor / CSE
	03.30 PM		
	03.30PM -	Bridge course in C Programming (Array)	
	04.20 PM		
Day 08 Wednesday 18.09.2024	08.45 AM -	Literary Activities (Debate, Extempore)	Mr.V.Murugappan Assistant Professor / Civil
	09.35 AM		
	09.35 AM -	Universal Human Values (Natural Environment , Participation in Nature, Sum Up)	Mrs. J.Jayapriya Assistant Professor / Civil
	10.25 AM		
	10.25 AM -	Universal Human Values (Role of Education, Need for a Holistic Perspectiv)	
	11.15 AM		
	11.15 AM -	<i>Break</i>	
	11.30 AM		
	11.30 AM -	Bridge course in C Programming Functions	Assistant Professor / CSE
12.20 PM			
12.20 PM -	Bridge course in C Programming Strings		
01.10 PM			
01.10 PM -	<i>Lunch Break</i>		
1.50 PM			
01.50 PM -	Cook without fire	Mrs. A.Kalyani Assistant Professor / Civil	
04.20 PM			
Day 09 Thursday 19.09.2024	08.45 AM -	Universal Human Values (Natural Environment , Participation in Nature, Sum Up)	Mrs. J.Jayapriya Assistant Professor / Civil
	09.35 AM		
	09.35 AM -	Bridge course in Mathematics (Volume by using Triple Integral)	Ms.Dheebia Assistant Professor / Mathematics
	11.15 AM		
11.15 AM -	<i>Break</i>		
11.30 AM			
11.30 AM -	Bridge course in C Programming Strings	Assistant Professor / CSE	
12.20 PM			

	12.20 PM - 01.10 PM	Bridge course in C Programming Writing simple C program.	
	01.10 PM - 01.50 PM	<i>Lunch Break</i>	
	1.50 PM - 02.40 P.M	Literary Activities	Mr. V.Murugappan Assistant Professor / Civil
	02.40 P.M - 04.20 PM	Sports	Mr. K.Srinivasan Assistant Professor / Civil
Day 10 Friday 20.09.2024	08.45 AM - 09.35 AM	Universal Human Values (Society - Participation in Society)	Mrs. A.Kalyani Assistant Professor / Civil
	09.35 AM - 10.25 AM	Creative Arts (Music -Vocal, Instrumental, Dance - Classical)	Mrs. J. Jayapriya Assistant Professor / Civil
	10.25 AM - 11.15 AM	Creative Arts (Music -Vocal, Instrumental, Dance - Classical)	
	11.15 AM - 11.30 AM	<i>Break</i>	
	11.30 AM - 01.10 PM	Senior Interaction session	Mr. K.Srinivasan Assistant Professor / Civil
	01.10 PM - 01.50 PM	<i>Lunch Break</i>	
	1.50 PM - 04.20 PM	Feedback about Induction Program from students	Mrs.J.Jayapriya Assistant Professor / Civil

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
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 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.							
CO3							
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	
Reference Books							
1. R.R Gaur, R. Asthana, G.P. Bagaria, "A Foundation Course in Human Values and Professional Ethics", Excel Books, New Delhi, 2 nd 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>

DAY 1: (09.09.2024)

SESSION 1: STUDENT & STAFF SELF INTRODUCTION

A program for staff and student introductions is a crucial first step in developing a friendly and upbeat learning environment. The purpose of this program is to foster a sense of community among incoming students and staff members while also assisting them in getting to know one another and the institution's resources, policies, and culture.



Students and Staff Self introduction

SESSION 2: FAMILIARIZATION ABOUT COLLEGE / 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.
- 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

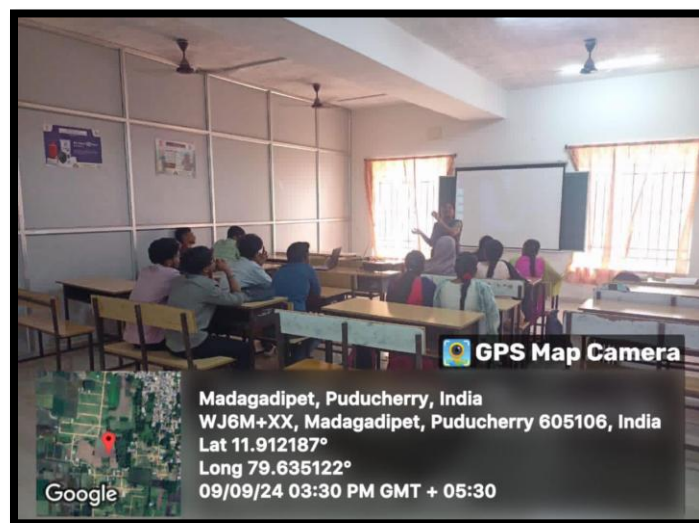
SESSION 3: UNIVERSAL HUMAN VALUE

Name of the Staff: Mrs.J.Jayapriya

- **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)



Mrs.J.Jayapriya, Assistant Professor explaining about the Human Values

DAY 2: (10.09.2024)

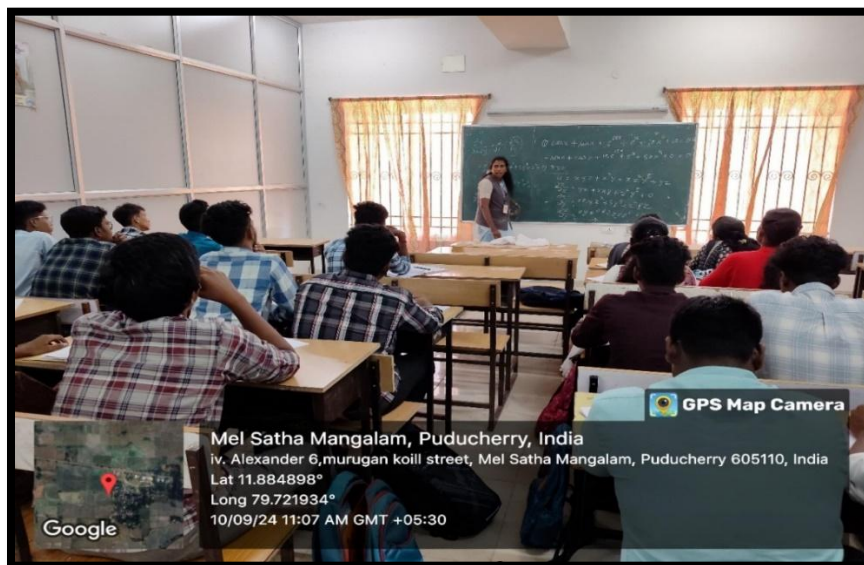
SESSION 1: BRIDGE COURSE IN MATHEMATICS

Name of the Staff: Mrs. Dheebia

- 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



Mrs.D.Dheebia, Assistant Professor is explaining about the concept of differentiation

SESSION 2: PROFICIENCY IN ENGLISH

Name of the Staff: Mr.F.John Bosco

- 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

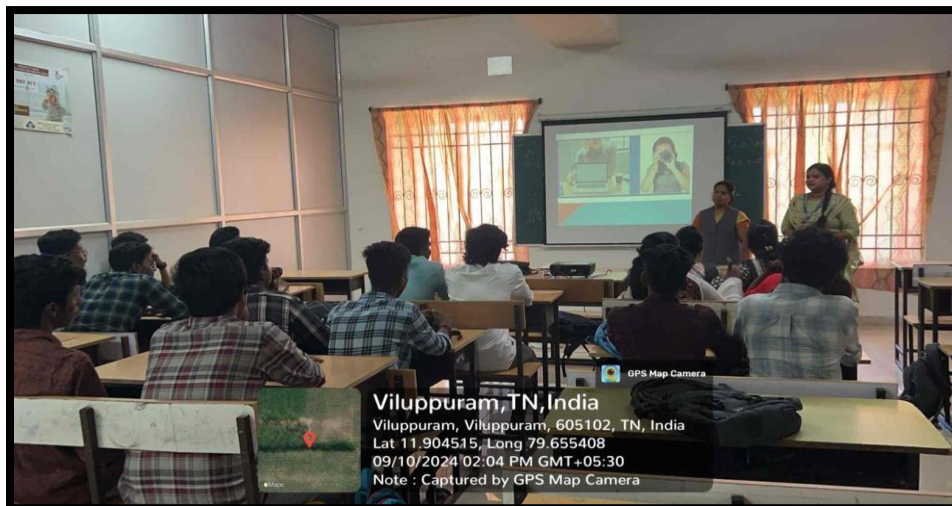


Mr.F.John Bosco, Assistant Professor explaining about the Communication skills

SESSION 3: LITERARY ACTIVITY

Name of the Staff: Mrs.A.Kalyani

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.



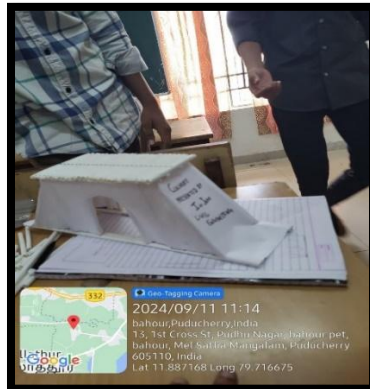
Mrs.A.Kalyani, Assistant Professor conduct a Team building activities – Quiz

DAY 3: (11/09/2024)

SESSION 1: CREATIVITY ACTIVITY

Name of the Staff: Mr. C. Raj Govind

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.



Mr. C. Raj Govind, Assistant professor is conducted model making for students

SESSION 2: LITERARY ACTIVITY

Name of the Staff: Mrs. J. Jayapriya

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.



Mrs.J.Jayapriya, Assistant Professor is conducted a debate on the topic “Education or Skill which is more important”

SESSION 3: BRIDGE COURSE IN MATHEMATICS

Name of the Staff: Mrs. D. Dheebia

- To Find partial derivatives of a function of more than one variable.
- To Apply definite integral to evaluate area of a plane region and volume of revolution.
- Integrals of functions containing linear functions

Topic Handled:

- Method of integration (Decomposition method, method of substitution, integration by parts)
- Definite integrals. Simple definite integrals- Properties of Definite integrals- Reduction formulae.



Mrs. D.Dheebia, Assistant Professor is explaining about the integral concepts

DAY 4: (12/09/2024)

SESSION 1: LITERARY ACTIVITY

Name of the Staff: Mr.C. Raj Govind

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.



Mr. C. Raj Govind, Assistant Professor explaining the importance of group discussion

SESSION 2: UNIVERSAL HUMAN VALUE -I

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 Handeled:

- 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)



Mrs.J.Jayapriya, Assistant Professor explaining about the Self Management

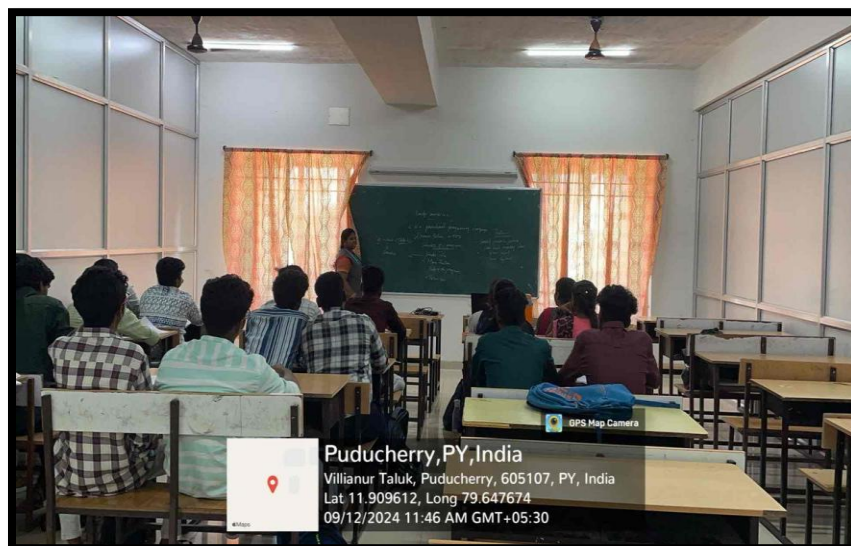
SESSION 3: C-PROGRAMMING

Name of the Staff: Mrs. M. Hemalatha

- 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



Mrs. M. Hemalatha, Assistant Professor is explaining about the Features of C

SESSION 4: SPORTS

Name of the Staff: Mr. K.Srinivasan

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

Outcomes:

- Improves self-confidence and self-worth.
- Increases attention span.
- Increases problem solving skills.
- Increases memory capacity.
- To improve the memory power, boosts planning skills and deepens focus.



Mr. K. Srinivasan is conducted Indoor Sports Activity for students

DAY 5: (13/09/2024)

LOCAL INDUSTRIAL VISIT

Name of the Staff: Mr. K.Srinivasan and Mrs.J.Jayapriya

The National Fossil Park at Thiruvakkarai:

- Situated in Tamil Nadu's Villupuram district.
- It has been designated as a National Geo-heritage site and size is 247 acres.
- There are fossilized wood remnants in the park that date back about 20 million years.
- It was maintained by Geological Survey of India and established in 1940.
- Dam construction comes under irrigation engineering.



**NATIONAL FOSSIL PARK IN
THIRUVAKKARAI**

Veedur Dam:

- It was inaugurated during the regime of our CM K.Kamarajar in the year of 1958.
- Its serves 3200 acres of agriculture land.
- Varaha and Thondi Rivers are flowing through Veedur dam.
- It serves as the source of drinking water for more than hundred villages.
- The concrete dam is 32 feet and the earthen dam is 37 feet.



VEEDUR DAM

DAY 6: (14/09/2024)

SESSION 1: LECTURE SERIES

Name of the Staff: Mr. K. Srinivasan

Topic: Fundamentals of Civil Engineering

Structural elements of a building are components that bear loads and provide support to ensure stability, strength, and safety. They are integral to the construction and performance of any structure. They are foundation, columns, beams, slab, walls, shear walls, braces, trusses, lintels and arches, roof, stairs, cantilever etc



Mr. K. Srinivasan, Assistant Professor elaborated on Structural elements of building.

SESSION 2: LOCAL COLLEGE VISIT

Name of the Staff: Mr. K. Srinivasan

Idea Lab is an initiative designed to foster creativity, innovation, and hands-on learning for students. It provides a platform for students to experiment, prototype, and implement their ideas in real-world scenarios. The Idea Lab offers access to various tools, equipment, and mentoring resources to help students develop innovative solutions across various engineering fields

Bar Bending Schedule (BBS) is a detailed list of reinforcement bars for reinforced concrete structure. It specifies the shape, size, length, and number of steel bars required at each part of the structure, such as columns, beams, slabs, or foundations.

Sewage Treatment Plant is a facility designed to treat wastewater or sewage from domestic, industrial, and commercial sources, ensuring that harmful contaminants are removed or reduced to acceptable levels before the water is discharged back into the environment. The primary goal of an STP is to protect public health and the environment by preventing water pollution.



IDEA Lab



Bar bending schedule



Sewage treatment plant

SESSION 3: Awareness about IEEE conducted by ECE final year students



SESSION 4: Proficiency in English

Name of the Staff: Mr. F. John Bosco

- 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



Mr. F. John Bosco, Assistant Professor explaining about the Idioms and Phrases

DAY 7: (16/09/2024)

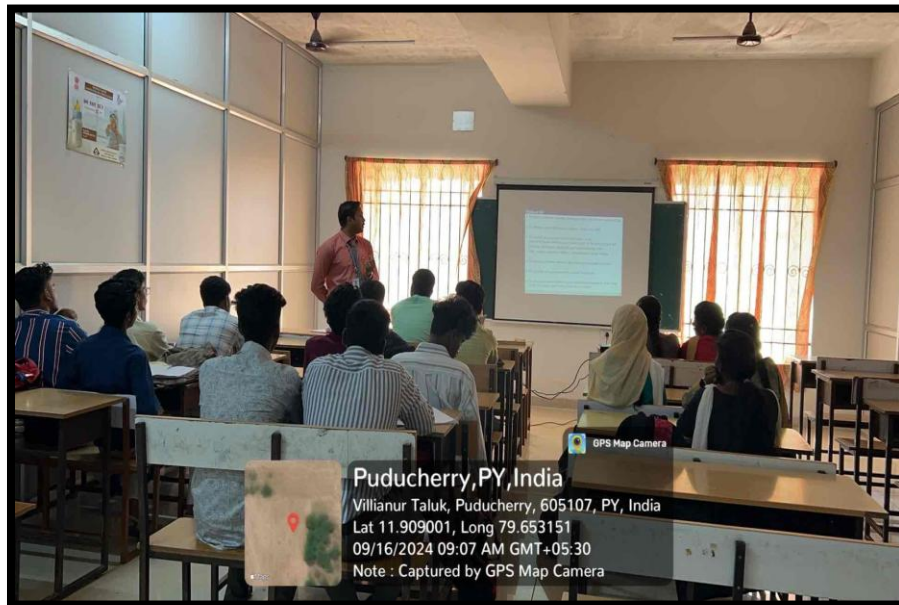
SESSION 1: UNIVERSAL HUMAN VALUE (UHV)

Name of the Staff: Mr. C.Raj Govind

- 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



Mrs.C. Raj Govind, Assistant Professor explaining about the Participation in Society

SESSION 2: PLACEMENT

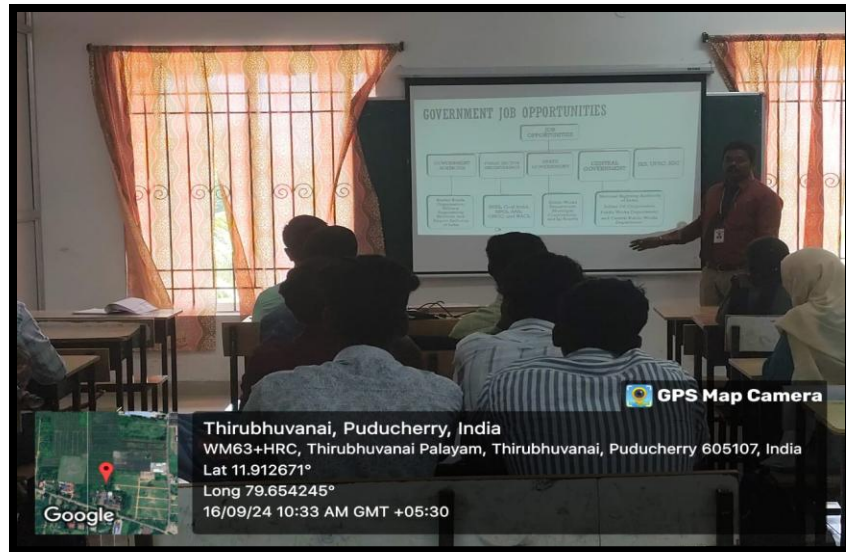
Name of the Staff: Mr. K. Srinivasan

Government Job Opportunities:

Civil Services, Public Sector Undertakings (BHEL, NTPC, GAIL, ONGC, and Indian Oil), State Public Service Commissions, Indian Railways (RRB), Defence Services, Municipal and Urban Development, Central and State Government Departments (MoRTH), Research and Development Organizations (NITs, IITs, and CIVIL ENGINEERING RESEARCH ORGANIZATIONS) for teaching and research positions.

GATE Opportunities:

Postgraduate Programs (IIT, NIT and IIIT), Public Sector Undertakings, Research, Fellowships, Teaching Positions, PhD Programs etc.



Mr. K. Srinivasan, Assistant Professor explains about Government Job Opportunities and GATE opportunities

SESSION 3: LITERARY ACTIVITIES - EXTEMPORE

Name of the Staff: Mr. 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.



Mr. C. Raj Govind, Assistant Professor conduct a Extempore Activity

SESSION 4: BRIDGE COURSE IN C

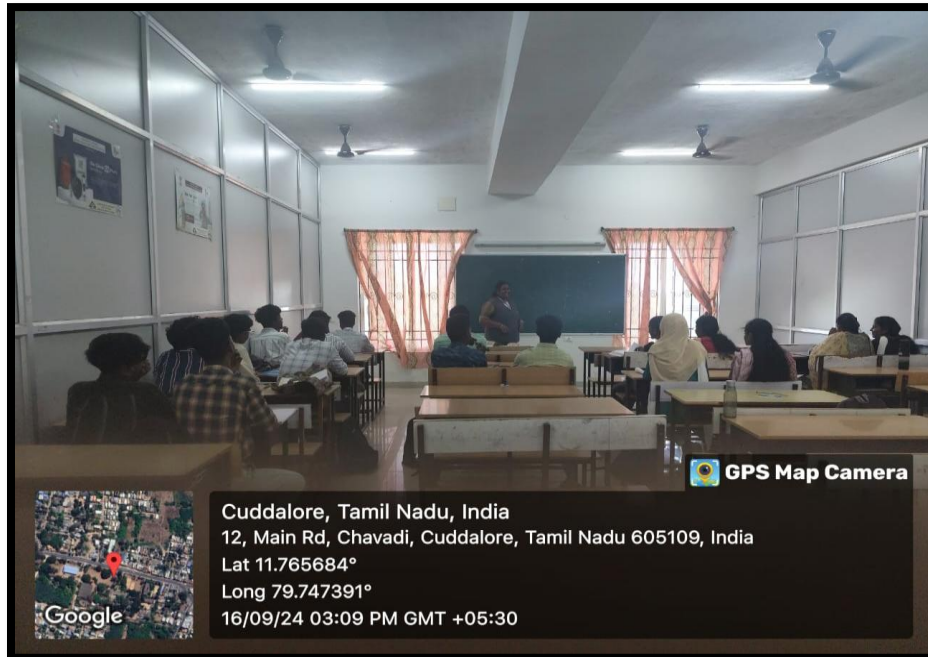
Name of the Staff: Ms. Amala

- 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



Ms. Amala, Assistant Professor is explaining about the looping statement

DAY 8: (18.09.2024)

SESSION 1: LECTURE SERIES ON BASIC CIVIL ENGINEERING MEASUREMENTS

Name of the Staff: Mr. K. Srinivasan

Lecture Series is an organized sequence of educational talks or presentations focusing on specific subjects or themes.

Basics of Measurement:

Measurements are a crucial aspect of civil engineering for designing, planning, and constructing structures. Understanding different units and how to calculate quantities is essential. Here are the basic types of measurements used are **Length, Area, Volume, Weight, Angle, Surveying Units etc**

Cement Bags:

Cement is a key material in construction. In civil engineering, cement is typically measured in **bags**, where one standard bag weighs **50 kg**. The number of cement bags required depends on the volume and mix ratio for a specific project.



Mr. K. Srinivasan, Assistant Professor explains about Basic Civil Engineering Measurements

SESSION 2: SEMINAR ON WORLD BAMBOO DAY 2024.

Name of the Staff: Mrs. J.Jayapriya

Bamboo Day has proven to be an invaluable opportunity to celebrate and promote the remarkable versatility and sustainability of bamboo. Through a series of engaging activities, workshops, and presentations, the event has successfully highlighted bamboo's critical role in addressing environmental challenges, supporting sustainable development, and fostering innovative solutions across various industries.



Seminar on World Bamboo Day 2024 by Ar. P. Sundar Rajaganesh

SESSION 3: COOKING WITHOUT FIRE

Name of the Staff: Mrs. A. Kalyani



DAY 9: (19.09.2024)

SESSION 1: 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



Mr. V. Murugappan, Assistant Professor explaining about the Role of Education

SESSION 2: BRIDGE COURSE IN MATHEMATICS

Name of the Staff: Mrs. D. Dheebia

- 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.



Mrs. D. Dheebia, Assistant Professor is explaining about the Method of substitution

SESSION 3: CREATIVE ARTS

Name of the Staff: Mr. V.Murugappan

TOPIC: CINEMATIC - MIMICRY – MIME

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



Mr. V.Murugappan, Assistant Professor is conducted story telling Through Mime topic on Movie

SESSION 4: LIBRARY VISIT

Name of the Staff: Mr. V.Murugappan



DAY 10: (20.09.2024)

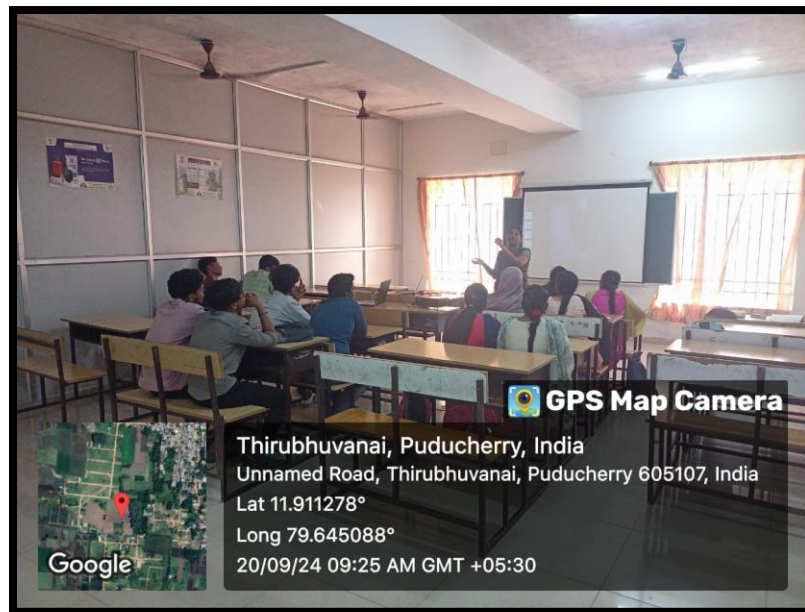
SESSION 1: UNIVERSAL HUMAN VALUES

Name of the Staff: Mrs. J. Jayapriya

- **Global Citizenship:** To prepare students to be responsible global citizens who consider the broader impact of their actions on the world.
- It's essential to check the specific course syllabus or program documentation at your institution to understand the precise objectives.

Topic Handled

- Self-evaluation and Closure - Sharing and feedback.



Mrs. J.Jayapriya, Assistant Professor explaining about the Self-evaluation

SESSION 2: BRIDGE COURSE IN C

Name of the Staff: Ms. Swathilakshmi

- **Performance Optimization:** C programmers often focus on optimizing code for better performance, which may involve techniques like algorithm optimization, loop unrolling, and use of low-level system features.

Topic Handled:

- Arrays



Mrs. Swathilakshmi, Assistant Professor is explaining about Array

SESSION 3: SENIOR STUDENTS INTERACTION

Name of the Staff: Mr.K.Srinivasan

Senior interaction programs are a great way to build a bond between juniors and seniors, facilitating knowledge transfer, mentorship, and teamwork.



Senior Students interact with First year students

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



Mr. V. Murugappan , Assistant Professor is conducted NSS Awareness for students

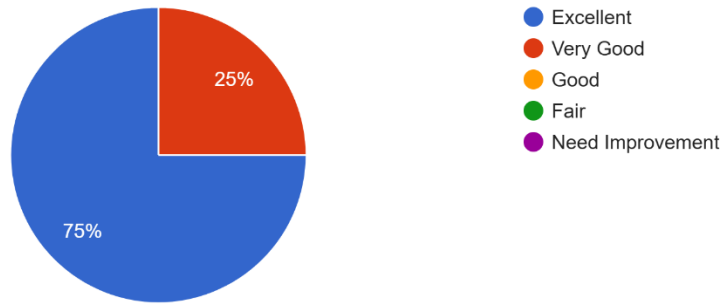
SESSION 5: FEEDBACK ABOUT INDUCTION PROGRAMME



Feedback link:

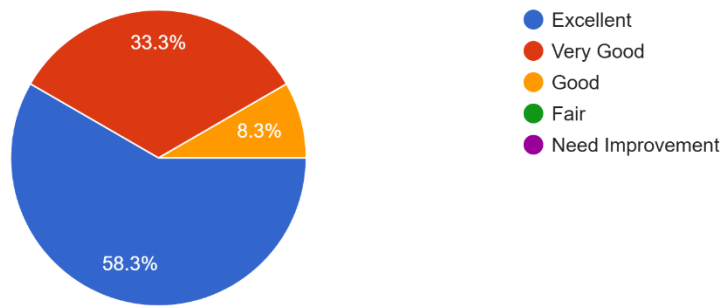
1. Understanding and familiarization about college and Department by Dr.S.Sundararaman, Professor and Head

24 responses

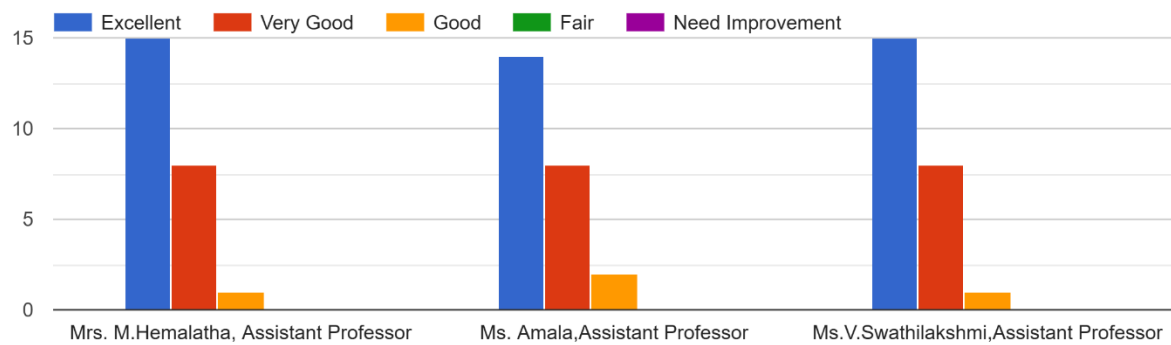


2. Knowledge gained through UHV (Universal Human Values) conducted by Mrs.J.Jayapriya

24 responses

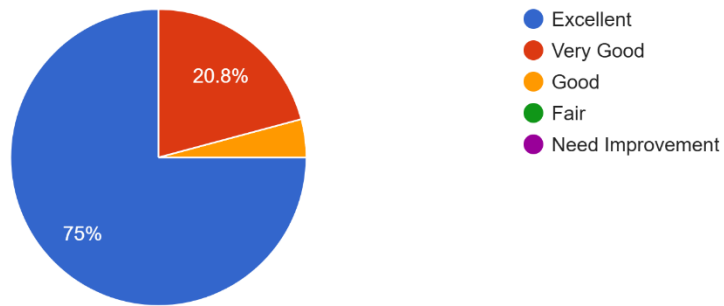


3. Concept Understanding in C programming



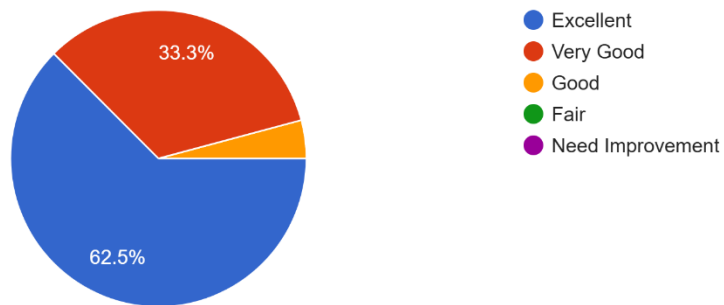
4. Rating on creative art sessions conducted by Mr.C.Raj Govind, Assistant Professor

24 responses



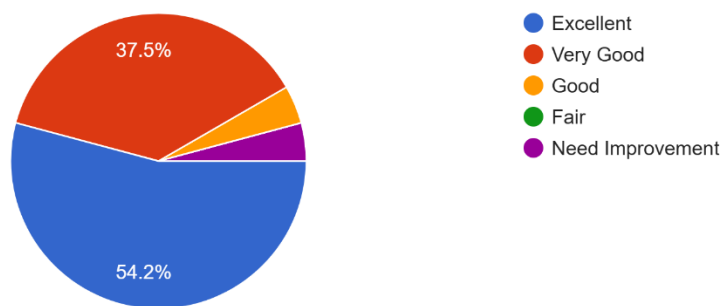
5. Approach of Bridge course in Mathematics conducted by Mrs.D. Dheebia, Assistant Professor

24 responses

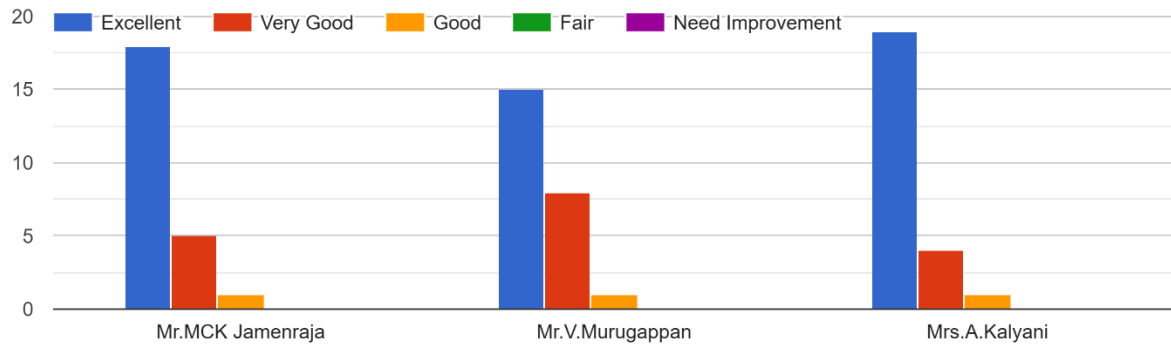


6. Usefulness of Communicative and Professional practice in English conducted by Mr. F. John Bosco, Assistant Professor

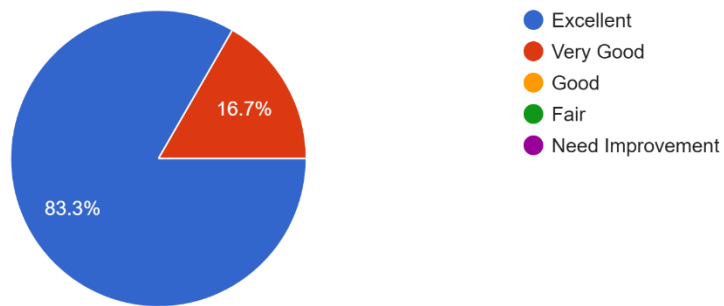
24 responses



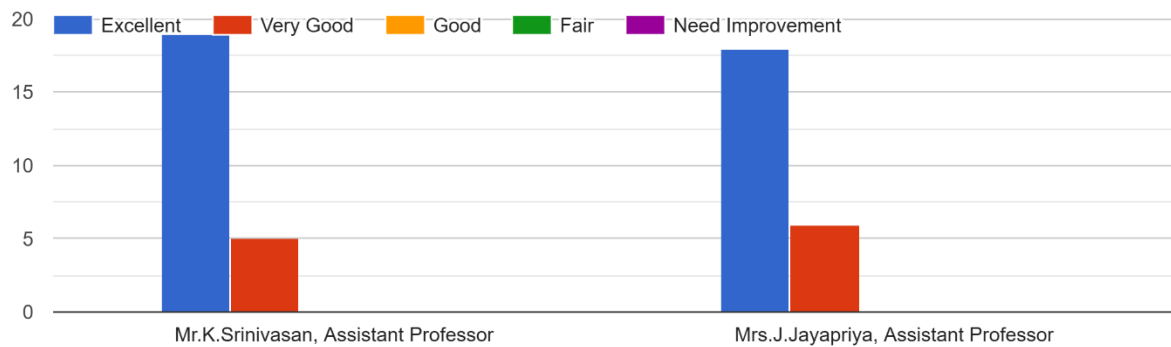
7. Participatory learning through Literary activities conducted by Mr. MCK. Jamenraja and Mr.V.Murugappan



8. Lecture series about Basic Civil Engineering conducted by Mr.K.Srinivasan
24 responses

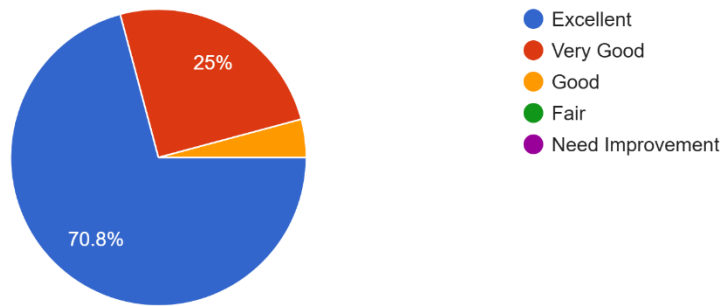


9.Experience of Local visit to Veedur dam and Fossil park



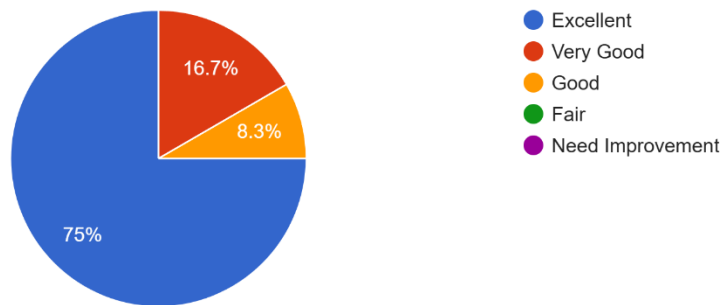
10. Conduction of Cooking without fire conducted by Mrs.A.Kalyani, Assistant Professor

24 responses



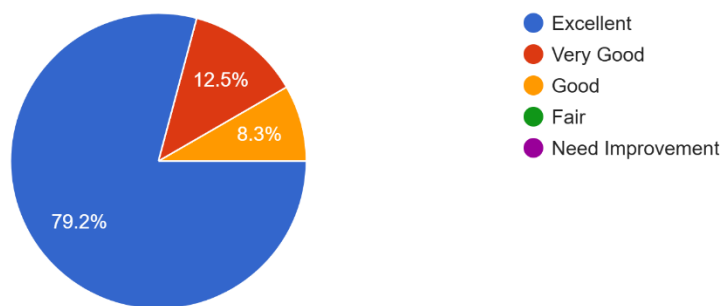
11. Time allotted for sports activity conducted by Mr.K.Srinivasan, Assistant Professor

24 responses



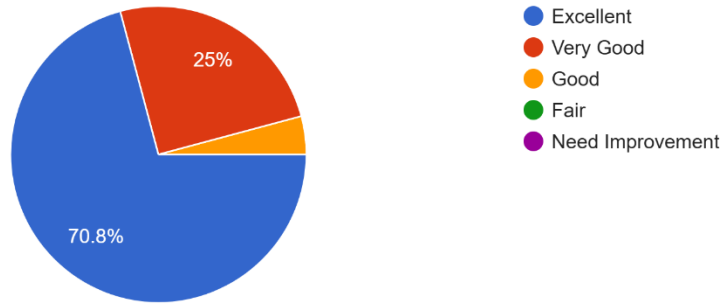
12. Session on senior interaction and their contribution conducted by Mr.K.Srinivasan, Assistant Professor

24 responses



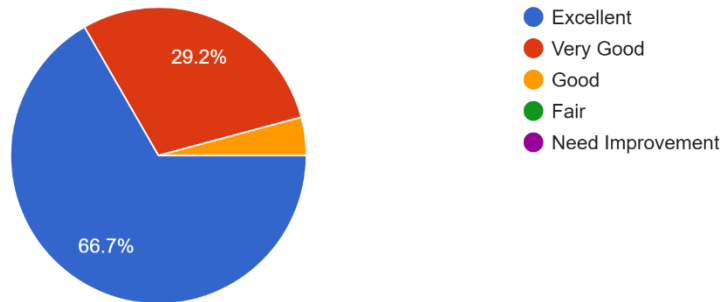
13. Department staff contribution throughout the Induction Programme schedule

24 responses



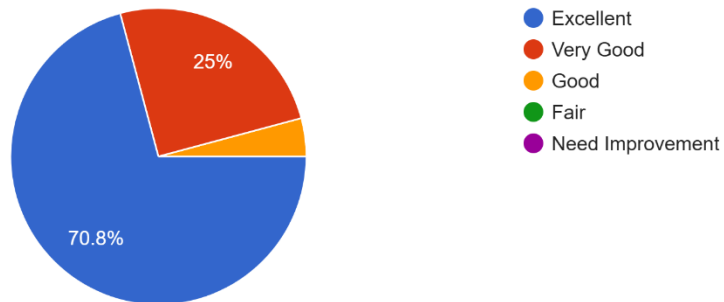
14. Effectiveness of 2 weeks induction programme

24 responses



15. Overall rating of Induction Programme schedule

24 responses



SESSION: TAMIL SPEECH BY Mr. R. ASOKAN (24/09/2024)



The speech was about “Tamil Marabu” and Tamil Technology by Mr.R.Asokan 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.

SESSION: MOTIVATIONAL SPEECH BY Dr. JEGAN (21/10/2024)



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.