



SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION



Department of Instrumentation and Control Engineering

First Year Student Induction Program

**Report
2024-2028**



Department of Instrumentation & Control Engineering

The Department of Instrumentation and Control Engineering conducted Student Induction program for the First year ICE students (Batch 2024-2028) from 09.09.2024 to 20.09.2024. The Purpose of Student Induction Programme is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members.

OBJECTIVES OF PROGRAM

- To help the engineering entrants adjust and feel comfortable in the new academic milieu
- To furnish them with an ease of transition to mainstream engineering studies through the introduction of ethos and culture of the institution
- To help entrants build progressive and emotional bonds with peers and faculty members to self-explore and comprehend the larger purpose
- To develop awareness, sensitivity, and understanding of the self, people around them, society at large, and nature
- To promote holistic development through the exposure of wide gamut of curricular, co-curricular and extracurricular activities

LIST OF ACTIVITIES

1. Physical Activity
2. Creative Arts and Culture
3. Mentoring and Universal Human Values
4. Familiarization with College and Department
5. Literary Activity
6. Proficiency Modules
7. Lecture and Workshop by Eminent people
8. Visits to Local Area
9. Extra-Curricular Activities in College
10. Feedback and report on the program



Department of Instrumentation and Control Engineering

Student Induction Program (SIP) – Schedule

Batch: 2024-2028

Day/Date	Time	Activities	Faculty Incharge
Day 1 Monday 09.09.2024	08.45 AM -10.25AM	Familiarization with Colleg.Dept./Branch Presentation about Colleg.Dept./Branch	All Faculty
	10.25 AM -11.15AM	Bridge Course in C Programming- Features of C & its basic structure, Keywords, Constants, variables, operators, Datatypes, Formatted Input and Output statements, Control Statements	Mr.S. Sathiyaobalan Assistant Professor, ICE
	11.15 AM-11.30 AM	Break	
	11.30 AM -01.10 PM	Proficiency in English- Introduction to Communication Skills, Synonyms, Antonyms	Mr.JohnBosco Assistant Professor, English
	01.10 PM - 1.50 PM	Lunch Break	
	1.50 PM - 02.40 PM	Bridge Course in Mathematics- Differentiation, Partial Differentiation.	Mrs.S.P.Lavanya Assistant Professor / Mathematics
Day 2 Tuesday 10.09.2024	2.40 PM -04.20 PM	Visits in Local Area Visit Nila CRS	Mr. J.Jeevanantham Assistant Professor / ICE
	08.45 AM -10.25AM	Literary Activities- Team building activities , Quiz	Mrs. T. Sudha Assistant Professor / ICE
	10.25 AM -11.15AM	Universal Human Values- Welcome and Introductions - Getting to know each other, Aspirations and Concerns	Dr. M. Rekha Associate Professor /ICE
	11.15 AM-11.30 AM	Break	
	11.30 AM -01.10 PM	Bridge Course in C Programming- Looping Statements, Array	Mr.S. Sathiyaobalan Assistant Professor, ICE
	01.10 PM - 1.50 PM	Lunch Break	

		Individual Academic and Career, Expectations of Family, Peers, Society, Nation, Fixing one's Goals,	Assistant Professor / ICE
Day 3 Wednesday 11.09.2024	2.40 PM -04.20 PM	Creative Arts- Introduction to painting and renowned artworks	Mr. J.Jeevanantham Assistant Professor / ICE
	08.45 AM -11.15AM	Creative Arts- Music ,Vocal.	Ms.C. Muthupraba Assistant Professor / ICE
	11.15 AM-11.30 AM	Break	
	11.30 AM -01.10 PM	Proficiency in English- Tenses, SentenceCompletion	Mr.JohnBosco Assistant Professor, English
	01.10 PM - 1.50 PM	Lunch Break	
	1.50 PM -02.40 PM	Universal Human Values- Self-Management, Self-confidence, Peer Pressure, Time Management, Anger, Stress Personality Development	Dr. M. Rekha Associate Professor /ICE
Day 4 Thursday 12.09.2024	2.40 PM -04.20 PM	Creative Arts- Documentary and Short films	Ms.C. Muthupraba Assistant Professor / ICE Dr. D. Sivanandakumar Associate Professor /ICE
	08.45 AM -01.10 PM	Introduction to Electric vehicle	Mr.B.Parthiban Assistant Professor /EEE
	01.10 PM - 1.50 PM	Lunch Break	
	1.50 PM - 02.40 PM	Universal Human Values- Self-improvement, Health - Health issues, Healthy diet	Ms. P. Kiruthika Assistant Professor / ICE
Day 5 Friday 13.09.2024	02.40 PM -04.20 PM	Creative Arts (Music -Vocal, Instrumental)	Mr.W.Godfrey Daniel Assistant Professor / ICE
	08.45 AM -01.10 PM	Literary Activities- Tamil speech	Dr. D. Sivanandakumar Associate Professor /ICE
	01.10 PM - 1.50 PM	Lunch Break	
	1.50 PM - 02.40 PM	Universal Human Values-	Ms. P. Kiruthika

Day 6 Saturday 14.09.2024	13.09.2024	1.50 PM - 02.40 PM	Universal Human Values- Healthy lifestyle, Hostel life, Relationships	Ms. P. Kiruthika Assistant Professor / ICE
		02.40 PM -04.20 PM	Bridge Course in Mathematics- Integration, Definite Integrals and properties of Integration, Limits and Continuity	Mrs.S.P.Lavanya Assistant Professor / Mathematics
		08.45 AM -11.15AM	Bridge Course in C Programming- Functions, Strings, Writing simple C program,	Mr.S. Sathyapoobalan Assistant Professor, ICE
		11.15 AM-11.30 AM	Break	
		11.30 AM -01.10 PM	Lectures & Workshop by Eminent People.	
		01.10 PM - 1.50 PM	Lunch Break	
		1.50 PM -04.20 PM	Physical Activity Yoga Awarness Program	Mrs.S.Ramadevi Isha Yoga
		08.45 AM - 09.35AM	Universal Human Values- Home sickness, Gratitude towards Parents, Teachers and others Ragging and interaction,	Ms. P. Kiruthika Assistant Professor / ICE
		09.35 AM - 11.15AM	Creative Arts- Instrumental, Dance	Mr.W.Godfrey Daniel Assistant Professor / ICE Dr. K. Naveenkumar Assistant Professor / ICE
		11.15 AM-11.30 AM	Break	
Day 7 Tuesday 17.09.2024		11.30 AM- 01.10 PM	Proficiency in English- Subject,VerbAgreement, Paragraphwriting, Letterwriting	Mr.JohnBosco Assistant Professor, English
		01.10 PM - 1.50 PM	Lunch Break	
		1.50 PM -03.30 PM	Universal Human Values- Competition and Cooperation, Peer Pressure, Society ,Participation in Society,	Ms. P. Kiruthika Assistant Professor / ICE

Day 8 wednesday 18.09.2024		03.30 pm -04.20 pm	Creative Arts- Classical, Cinematic	Dr. D. Sivanandakumar Associate Professor /ICE Ms.C. Muthupraba Assistant Professor / ICE
		08.45 AM - 11.15AM	Literary Activities- Oral Exercises, Group discussion, Debate, Extempore, Role play	Dr. K. Naveenkumar Assistant Professor / ICE Mrs. T. Sudha Assistant Professor / ICE
		11.15 AM-11.30 AM	Break	
		11.30 AM- 01.10 PM	Universal Human Values- Natural Environment - Participation in Nature, Sum Up,	Dr. M. Rekha Associate Professor /ICE
		01.10 PM - 1.50 PM	Lunch Break	
		1.50 PM -04.20 pm	Proficiency in English	Mr.JohnBosco Assistant Professor, English
		08.45 AM - 11.15AM	Creative Arts- Mimicry,Mime	Mr. J.Jeevanantham Assistant Professor / ICE
		11.15 AM-11.30 AM	Break	
		11.30 AM- 01.10 PM	Universal Human Values- Role of Education, Need for a Holistic Perspective, Self-evaluation and Closure ,Sharing and feedback	Dr. M. Rekha Associate Professor /ICE
		01.10 PM - 1.50 PM	Lunch Break	
Day 9 Thursday 19.09.2024		1.50 PM -04.20 PM	Proficiency in English- Essaywriting,StoryDevelopment, Prognostic Test	Mr.JohnBosco Assistant Professor, English

T. Sudha
5/9/24
Class Advisor

5/9/24
HOD / ICE

5/9/24
Dean Academics

PHOTO GALLERY

Overview of SMVEC and Department:



The overview of SMVEC was given by Mrs. T. Sudha, introduced the hierarchy of the college with a neat presentation.

Addressing the Students:

Registrar, Dean, HoD and Department Faculties addressing the students. Head of the Department Dr. L. M. Varalakshmi mam gave a warm greetings and enlightened the credits of SMVEC and about the Instrumentation and Control Engineering department. Registrar sir Dr. J. Abbas Mohaideen sir initiated the addressing. Sir, explained the students to pick a routine for studying, Dean sir Dr. Arivalagar. AA sir extolled the credentials of the ICE department, insisted to explore more in the duration of UG which is very precious. All the faculties addressed one after the other. They all motivated students to study well and claimed students to attend various competitions such as robot war, paper presentation, Project expo, hackathon etc.



Addressing The Students
CLASS OF 2022-2026



Visit to respective Department facilities



Lab Facilities

Automation Lab



Students visited the department laboratories; students were eagerly posing questions regarding the lab. Bottle filling experiment and traffic light logic experiments were taught by Mr. J. Jeevanantham. Students visited Simulation Lab, the software to be explored during the B.Tech program was explained by Dr. M. Rekha. Students worked in the computer individually by making a sample presentation about the self-introduction.

Campus Visit

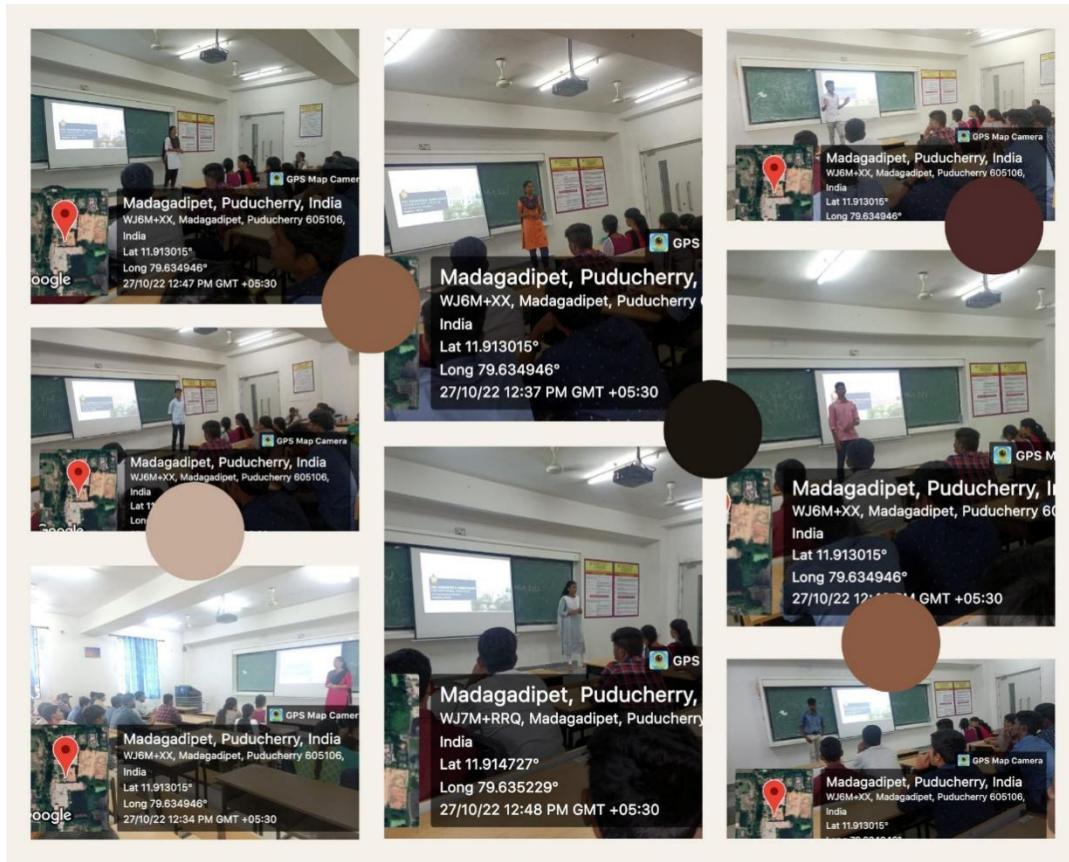


Students were taken to the B.Arch, school of Architecture and visited the projects. Students were taken to the power room and Dr. K. Naveenkumar taught the fundamentals of power transmission.

Students visited library and glanced the IEE, IEI journals present in the library.

DAY 2:

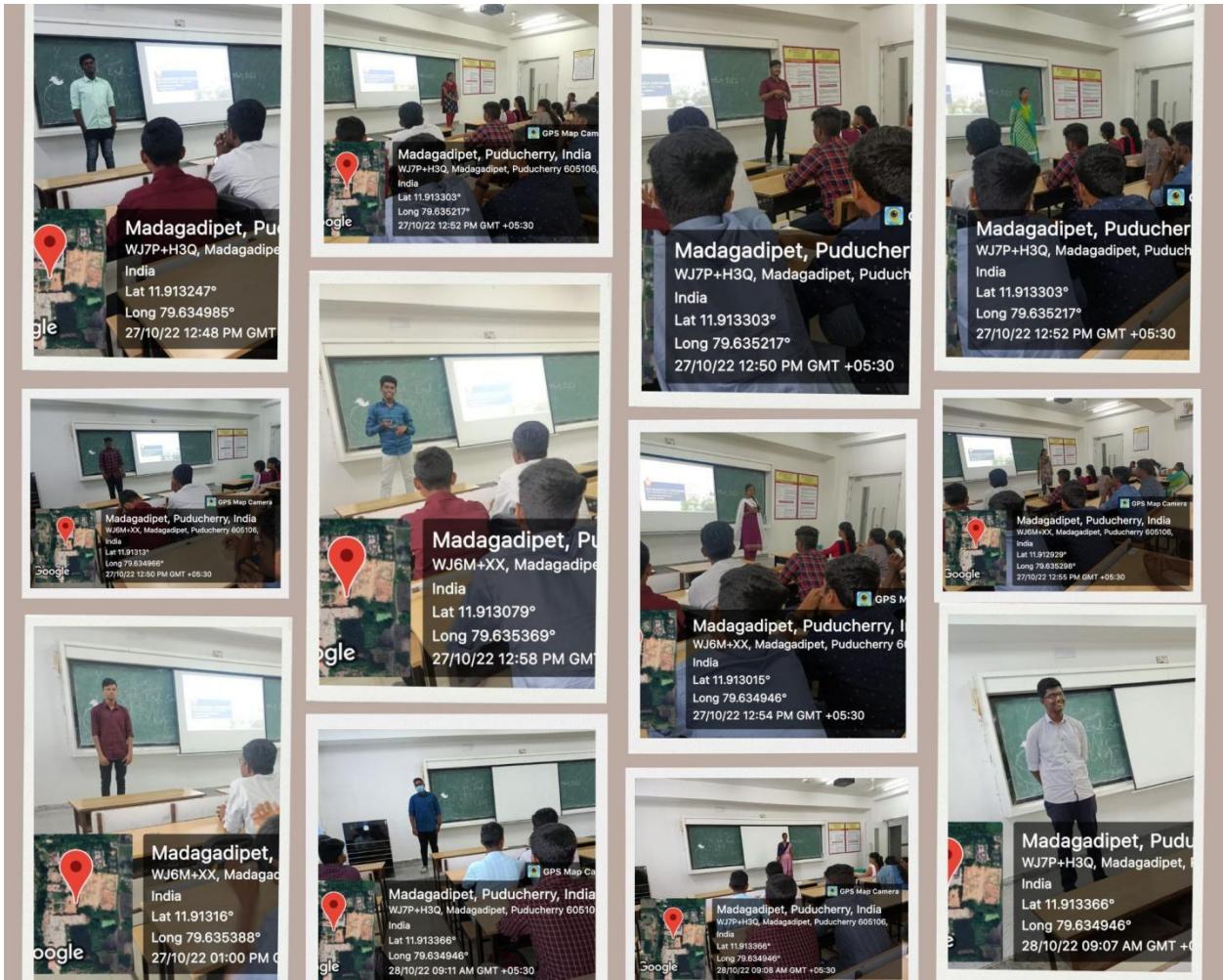
Self-Introduction



Pictionary



Extempore Activity

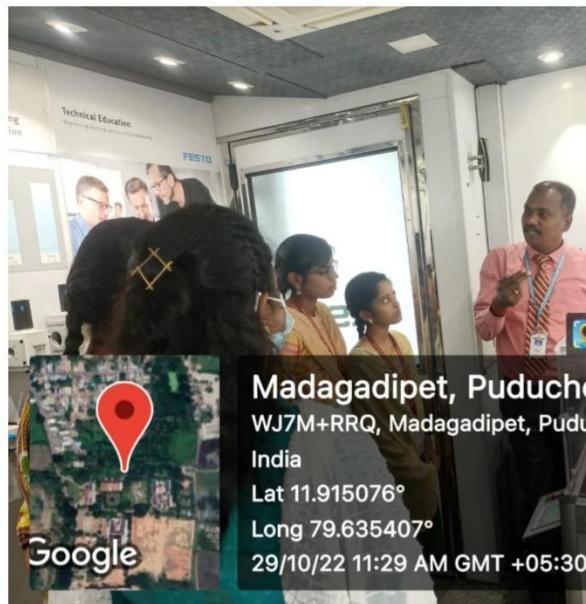


Day 3

Universal Human Values Group Discussion 1



FESTO LAB



Students visited the FESTO automation center. They explored lots of automatic logic jumbling system, fruit sorting system, traffic logic system using PLC, shock absorber on the passenger seat etc.

Poem Writing



Students wrote poems of their own topic, all the students participated actively. Three of the student's poem was short listed to provide trophies.

Day 4

Literary activity Enacting a play



Events from Literary association was conducted such as essay writing, debate, Group Discussion based on the Unity Day. Students enthusiastically participated in all the events and Mrs. G. Namitha assistant professor English Department appreciated the performance of the students.



Alumini Interaction



Mr. Komala Selvan; Student of batch 2018- 2022 placed in TCS interacted with the students. He shared the exposure he gained in the college, during his internship ISRO and the placement activities. First year students interacted with their alumini and posed many questions.

Day 5: Entrepreneurship Development Program



Monoacting



Universal Human Values : Session 3 and Group Discussion



Day 6:

Creative Arts: Arts and Crafts





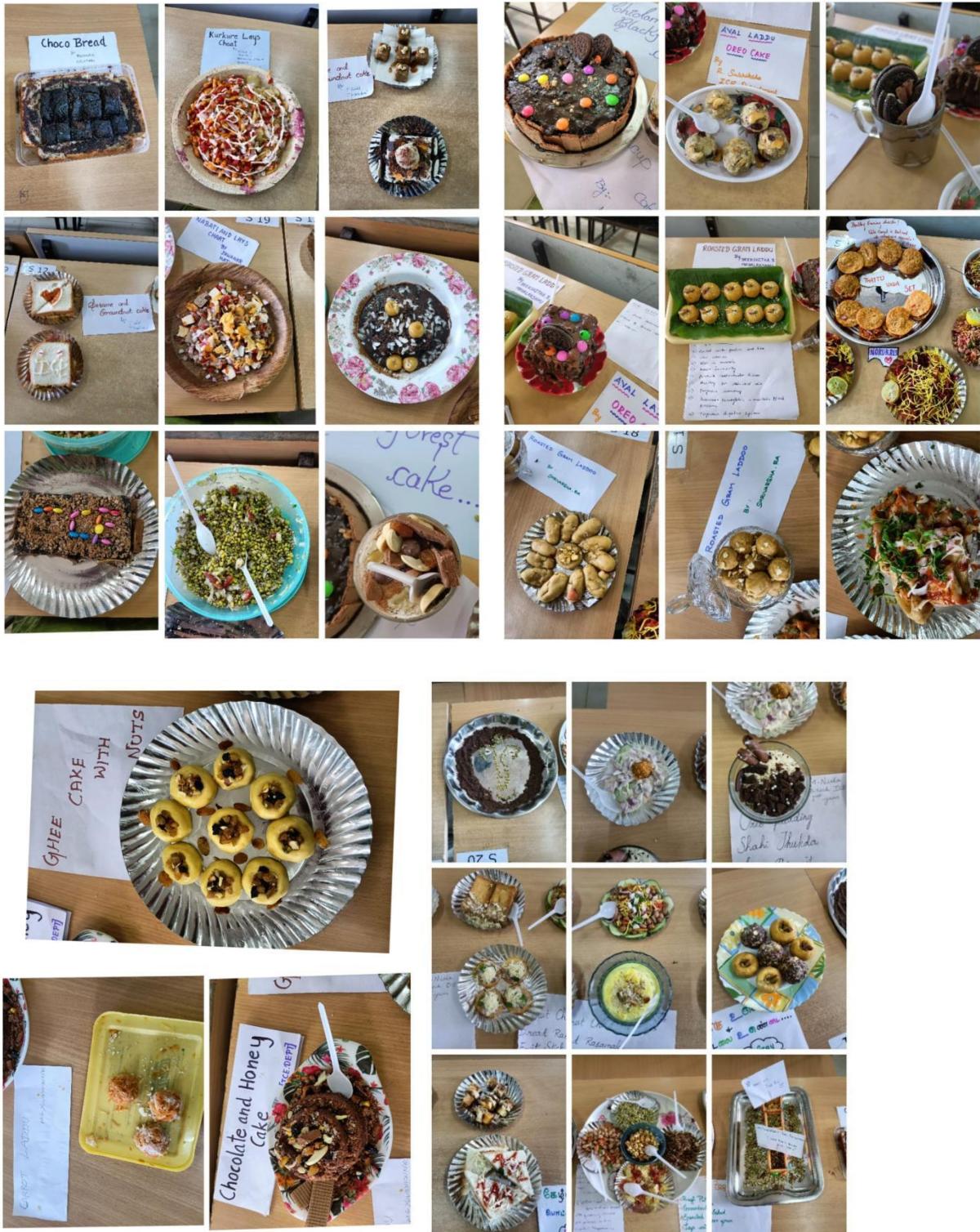
Universal Human Values : Session 4



Day 7:

Cooking without Fire



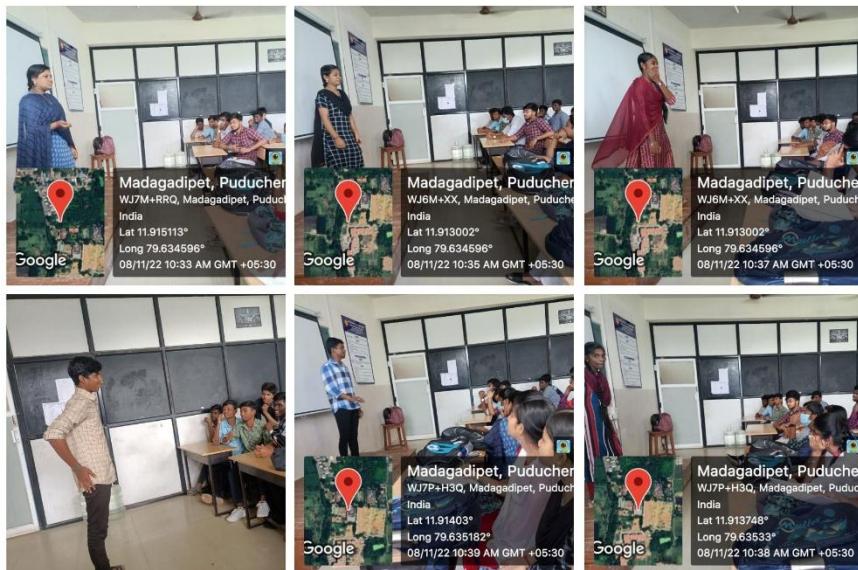


Universal Human Values : Session 5 and Group Discussion

Day 8:

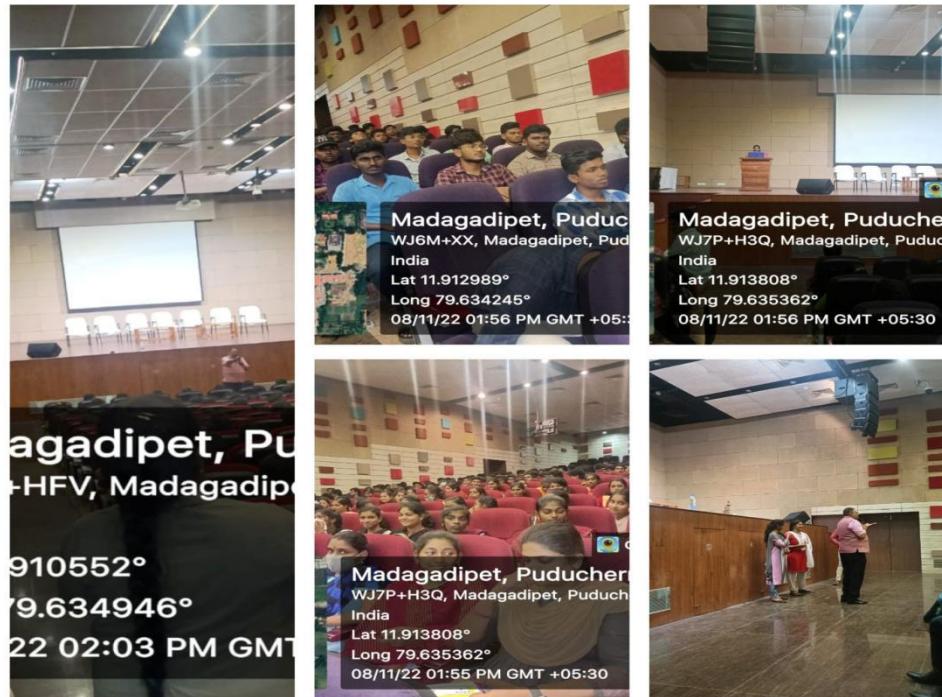
Universal Human Values : Session 6 and Group Discussion

Creative Arts: Inner Artist



INNER ARTIST

Motivational Talk



Day:9

Field Trip



Day 10:

Universal Human Values : Session 6 and Group Discussion



Brain Game

Mehandi and Tattoo competition



Guest Lecture by Alumni



Prize Distribution



Class Advisor

HOD / ICE