

**Department of Instrumentation and  
Control Engineering**

**First Year Student Induction  
Program**

**Report  
2023-2027**



## **SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**

(An Autonomous Institution)

(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)  
(Accredited by NBA-AICTE, New Delhi, Accredited by NAAC with "A" Grade)  
Madagadipet, Puducherry - 605 107



### **Department of Instrumentation & Control Engineering**

The Department of Instrumentation and Control Engineering conducted Student Induction for the First year ICE students (Batch 2023-2027) from 06.09.2023 to 16.09.2023. 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. Familiarization with College and Department
2. Extra-Curricular Activities
3. Mentoring and Universal Values
4. Creative Arts and Culture
5. Lecture and Workshop by Eminent people
6. Proficiency Module
7. Visits to Local Area
8. Campus Visit

## INDUCTION PROGRAM SCHEDULE-FIRST YEAR

| Day/Date                                  | Time                  | Activities                                                                                                                                                                                              | Faculty Incharge                                                                                                  |
|-------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Day 1<br/>Wednesday<br/>06.09.2023</b> | 08.45 AM<br>-11.15AM  | <b>Bridge Course in C Programming-</b><br>Features of C & its basic structure,<br>Keywords, Constants, variables, operators,<br>Datatypes, Formatted Input and Output<br>statements, Control Statements | <b>Mr.K.Prakesh,</b><br>Assistant Professor,AIDS.<br><b>Ms.Elakiya,</b><br>Assistant Professor,AIDS               |
|                                           | 11.15 AM-<br>11.30 AM | <b>Break</b>                                                                                                                                                                                            |                                                                                                                   |
|                                           | 11.30 AM<br>-01.10 PM | <b>Proficiency in English-</b><br>Introduction to Communication Skills.<br>Synonyms,Antonyms                                                                                                            | <b>Ms.R.Gajalakshmi,</b><br>Assistant Professor, English                                                          |
|                                           | 01.10 PM<br>- 1.50 PM | <b>Lunch Break</b>                                                                                                                                                                                      |                                                                                                                   |
|                                           | 1.50 PM -<br>04.20 PM | <b>Bridge Course in Mathematics-</b><br>Differentiation. Partial Differentiation.                                                                                                                       | <b>Mrs.S.P.Lavanya</b><br>Assistant Professor /<br>Mathematics                                                    |
| <b>Day 2<br/>Thursday<br/>07.09.2023</b>  | 08.45 AM<br>-10.25AM  | <b>Literary Activities-</b><br>Team building activities , Quiz                                                                                                                                          | <b>Mrs. T. Sudha</b><br>Assistant Professor / ICE                                                                 |
|                                           | 10.25 AM<br>-11.15AM  | <b>Universal Human Values-</b><br>Welcome and Introductions - Getting to<br>know each other, Aspirations and Concerns                                                                                   | <b>Dr. M. Rekha</b><br>Associate Professor /ICE                                                                   |
|                                           | 11.15 AM-<br>11.30 AM | <b>Break</b>                                                                                                                                                                                            |                                                                                                                   |
|                                           | 11.30 AM<br>-01.10 PM | <b>Bridge Course in C Programming-</b><br>Looping Statements, Array                                                                                                                                     | <b>Mr.K.Prakesh,</b><br>Assistant Professor,AIDS.<br><b>Ms.Elakiya,</b><br>Assistant Professor,AIDS               |
|                                           | 01.10 PM<br>- 1.50 PM | <b>Lunch Break</b>                                                                                                                                                                                      |                                                                                                                   |
|                                           | 1.50 PM -<br>02.40 PM | <b>Universal Human Values-</b><br>Individual Academic and Career,<br>Expectations of Family, Peers, Society,<br>Nation, Fixing one's Goals,                                                             | <b>Ms. P. Kiruthika</b><br>Assistant Professor / ICE                                                              |
|                                           | 2.40 PM -<br>04.20 PM | <b>Creative Arts-</b><br>Introduction to painting and renowned<br>artworks                                                                                                                              | <b>Mr.W.Godfrey Daniel</b><br>Assistant Professor / ICE<br><b>Mr. J.Jeevanantham</b><br>Assistant Professor / ICE |
| <b>Day 3<br/>Friday<br/>08.09.2023</b>    | 08.45 AM<br>-11.15AM  | <b>Bridge Course in Mathematics-</b><br>Integration, Definite Integrals and<br>properties of Integration, Limits and<br>Continuity                                                                      | <b>Mrs.S.P.Lavanya</b><br>Assistant Professor /<br>Mathematics                                                    |
|                                           | 11.15 AM-<br>11.30 AM | <b>Break</b>                                                                                                                                                                                            |                                                                                                                   |
|                                           | 11.30 AM<br>-01.10 PM | <b>Proficiency in English-</b><br>Tenses, SentenceCompletion                                                                                                                                            | <b>Ms.R.Gajalakshmi,</b><br>Assistant Professor, English                                                          |
|                                           | 01.10 PM              | <b>Lunch Break</b>                                                                                                                                                                                      |                                                                                                                   |

|                                                      |                    |                                                                                                                                                    |                                                                                                                  |
|------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|                                                      | - 1.50 PM          |                                                                                                                                                    |                                                                                                                  |
|                                                      | 1.50 PM - 02.40 PM | <b>Universal Human Values-</b><br>Self-Management,<br>Self-confidence, Peer Pressure, Time<br>Management, Anger, Stress Personality<br>Development | <b>Dr. M. Rekha</b><br>Associate Professor /ICE                                                                  |
|                                                      | 2.40 PM - 04.20 PM | <b>Creative Arts-</b><br>Documentary and Short films                                                                                               | <b>Ms.C. Muthupraba</b><br>Assistant Professor / ICE<br><b>Dr. D. Sivanandakumar</b><br>Associate Professor /ICE |
| <b>Day 4</b><br><b>Saturday</b><br><b>09.09.2023</b> | 08.45 AM -01.10 PM | <b>Literary Activities-</b><br>Tamil speech                                                                                                        | <b>Dr. D. Sivanandakumar</b><br>Associate Professor /ICE                                                         |
|                                                      | 01.10 PM - 1.50 PM | <b>Lunch Break</b>                                                                                                                                 |                                                                                                                  |
|                                                      | 1.50 PM - 02.40 PM | <b>Universal Human Values-</b><br>Self-improvement, Health - Health issues,<br>Healthy diet                                                        | <b>Ms. P. Kiruthika</b><br>Assistant Professor / ICE                                                             |
|                                                      | 02.40 PM -04.20 PM | <b>Creative Arts</b><br><b>(Music -Vocal, Instrumental)</b>                                                                                        | <b>Mr.W.Godfrey Daniel</b><br>Assistant Professor / ICE                                                          |
| <b>Day 5</b><br><b>Monday</b><br><b>11.09.2023</b>   | 08.45 AM -01.10 PM | <b>Literary Activities-</b><br>Tamil speech                                                                                                        | <b>Dr. D. Sivanandakumar</b><br>Associate Professor /ICE                                                         |
|                                                      | 01.10 PM - 1.50 PM | <b>Lunch Break</b>                                                                                                                                 |                                                                                                                  |
|                                                      | 1.50 PM - 02.40 PM | <b>Universal Human Values-</b><br>Healthy lifestyle, Hostel life, Relationships                                                                    | <b>Ms. P. Kiruthika</b><br>Assistant Professor / ICE                                                             |
|                                                      | 02.40 PM -04.20 PM | <b>Creative Arts-</b><br>Music ,Vocal.                                                                                                             | <b>Ms.C. Muthupraba</b><br>Assistant Professor / ICE<br><b>Dr. K. Naveenkumar</b><br>Assistant Professor / ICE   |
| <b>Day 6</b><br><b>Tuesday</b><br><b>12.09.2023</b>  | 08.45 AM -11.15AM  | <b>Bridge Course in C Programming-</b><br>Functions, Strings, Writing simple<br>C program.                                                         | <b>Mr.K.Prakesh,</b><br>Assistant Professor,AIDS.<br><b>Ms.Elakiya,</b><br>Assistant Professor,AIDS              |
|                                                      | 11.15 AM- 11.30 AM | <b>Break</b>                                                                                                                                       |                                                                                                                  |
|                                                      | 11.30 AM -01.10 PM | <b>Bridge Course in Mathematics-</b><br>Areas and Surface by using Double Integral,<br>Volume by using Triple Integral                             | <b>Mrs.S.P.Lavanya</b><br>Assistant Professor /<br>Mathematics                                                   |
|                                                      | 01.10 PM - 1.50 PM | <b>Lunch Break</b>                                                                                                                                 |                                                                                                                  |
|                                                      | 1.50 PM - 04.20 PM | <b>Proficiency in English-</b><br>Idioms and Phrases,One- word<br>Substitution, Extempore,<br>Homophones,Homononyms,UseofPrepositions              | <b>Ms.R.Gajalakshmi,</b><br>Assistant Professor, English                                                         |

|                                           |                        |                                                                                                                                                  |                                                                                                                   |
|-------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Day 7<br/>Wednesday<br/>13.09.2023</b> | 08.45 AM<br>- 09.35AM  | <b>Universal Human Values-</b><br>Home sickness, Gratitude towards Parents,<br>Teachers and others Ragging<br>and interaction,                   | <b>Ms. P. Kiruthika</b><br>Assistant Professor / ICE                                                              |
|                                           | 09.35 AM<br>- 11.15AM  | <b>Creative Arts-</b><br>Instrumental, Dance                                                                                                     | <b>Mr.W.Godfrey Daniel</b><br>Assistant Professor / ICE<br><b>Dr. K. Naveenkumar</b><br>Assistant Professor / ICE |
|                                           | 11.15 AM-<br>11.30 AM  | <b>Break</b>                                                                                                                                     |                                                                                                                   |
|                                           | 11.30 AM-<br>01.10 PM  | <b>Proficiency in English-</b><br>Subject, Verb Agreement, Paragraphwriting,<br>Letterwriting                                                    | <b>Ms.R.Gajalakshmi,</b><br>Assistant Professor, English                                                          |
|                                           | 01.10 PM<br>- 1.50 PM  | <b>Lunch Break</b>                                                                                                                               |                                                                                                                   |
|                                           | 1.50 PM -<br>03.30 PM  | <b>Universal Human Values-</b><br>Competition and Cooperation, Peer<br>Pressure, Society -, Participation in Society.                            | <b>Ms. P. Kiruthika</b><br>Assistant Professor / ICE                                                              |
|                                           | 03.30 pm -<br>04.20 pm | <b>Creative Arts-</b><br>Classical, Cinematic                                                                                                    | <b>Dr. D. Sivanandakumar</b><br>Associate Professor /ICE<br><b>Ms.C. Muthupraba</b><br>Assistant Professor / ICE  |
| <b>Day 8<br/>Thrusday<br/>14.09.2023</b>  | 08.45 AM<br>- 11.15AM  | <b>Literary Activities-</b><br>Oral Exercises, Group discussion,<br>Debate, Extempore, Role play                                                 | <b>Dr. K. Naveenkumar</b><br>Assistant Professor / ICE<br><b>Mrs. T. Sudha</b><br>Assistant Professor / ICE       |
|                                           | 11.15 AM-<br>11.30 AM  | <b>Break</b>                                                                                                                                     |                                                                                                                   |
|                                           | 11.30 AM-<br>01.10 PM  | <b>Universal Human Values-</b><br>Natural Environment - Participation in<br>Nature, Sum Up,                                                      | <b>Dr. M. Rekha</b><br>Associate Professor /ICE                                                                   |
|                                           | 01.10 PM<br>- 1.50 PM  | <b>Lunch Break</b>                                                                                                                               |                                                                                                                   |
|                                           | 1.50 PM -<br>04.20 pm  | Proficiency in English                                                                                                                           | <b>Ms.R.Gajalakshmi,</b> Assistant<br>Professor, English                                                          |
| <b>Day 9<br/>Friday<br/>15.09.2023</b>    | 08.45 AM<br>- 11.15AM  | <b>Creative Arts-</b><br>Mimicry, Mime                                                                                                           | <b>Mr. J.Jeevanantham</b><br>Assistant Professor / ICE                                                            |
|                                           | 11.15 AM-<br>11.30 AM  | <b>Break</b>                                                                                                                                     |                                                                                                                   |
|                                           | 11.30 AM-<br>01.10 PM  | <b>Universal Human Values-</b><br>Role of Education, Need for a Holistic<br>Perspective, Self-evaluation and Closure<br>, Sharing, and feedback. | <b>Dr. M. Rekha</b><br>Associate Professor /ICE                                                                   |
|                                           | 01.10 PM<br>- 1.50 PM  | <b>Lunch Break</b>                                                                                                                               |                                                                                                                   |
|                                           | 1.50 PM -<br>04.20 PM  | <b>Proficiency in English-</b><br>Essaywriting, Story Development, Prognostic                                                                    | <b>Ms.R.Gajalakshmi,</b>                                                                                          |

|                                        |                       |                                                                  |                                                          |
|----------------------------------------|-----------------------|------------------------------------------------------------------|----------------------------------------------------------|
|                                        |                       | Test                                                             | Assistant Professor, English                             |
| <b>Day 9<br/>Friday<br/>16.09.2023</b> | 08.45 AM<br>- 11.15AM | <b>Literary Activities</b><br>Role play                          | <b>Mr. J.Jeevanantham</b><br>Assistant Professor / ICE   |
|                                        | 11.15 AM-<br>11.30 AM | <b>Break</b>                                                     |                                                          |
|                                        | 11.30 AM-<br>01.10 PM | <b>Universal Human Values-</b><br>Closure, Sharing and feedback. | <b>Dr. M. Rekha</b><br>Associate Professor /ICE          |
|                                        | 01.10 PM<br>- 1.50 PM | <b>Lunch Break</b>                                               |                                                          |
|                                        | 1.50 PM -<br>04.20 PM | <b>Literary Activities-</b><br>Tamil mandram                     | <b>Ms.R.Gajalakshmi,</b><br>Assistant Professor, English |

## PHOTO GALLERY

### Orientation Program College Level:



Induction day was organized for first year students on 04.09.2023. Students were addressed by Dr. V.S.K. Venkatachalapathy, Director cum Principal. The special address was delivered by Mrs. Sheetal Rajani, Regional HR Head - TCS, Chennai. Mr. M. Dhanasekaran, Chancellor, Takshashila University and the Chairman cum Managing Director of SMVE trust gave the presidential address and the program was ended with a gratitude note from Dr.J.Abbas Mohaideen, Registrar, SMVEC. The students were enlightened by the knowledge of recent technologies and the future of technology and their role in it.

### **HOD addressing about the College & Department:**



The Head of the Department Dr. L. M. Varalakshmi addressed the students about the college, highlighted the importance of Instrumentation and Control Engineering and briefed on the Code of Conduct.

### Faculty interaction:



Dr.D.Sivanandakumar, Class Advisor, Associate Professor, Department of ICE, briefed us on the grading system, exam pattern, weightage of each sect, facilities provided by the college, the extra-curricular activities and so on ending with a brief welcome address and how this course will help in future endeavors.



Ms.R.Gajalakshmi, Assistant Professor, Department of English, discussed the importance of communication in a workplace and in business and the values that the students would have to adhere in their life and in their career to make it successful. The students were later entrusted with a self-imposed task of committing to their aspirations on parchment.



Mrs.T.Kalaiselvi, Assistant Professor, Department of Mathematics discussed the importance and weightage of mathematics in ICE curriculum and applications of mathematics in daily life. Subsequently on that very day, the students were prompted to engage in a retrospective exploration of foundational mathematical principles and concepts by revisiting them.



Madagadipet, Puducherry, India

WJ7P+W3H, Madagadipet, Puducherry 605106, India

Lat 11.914494°

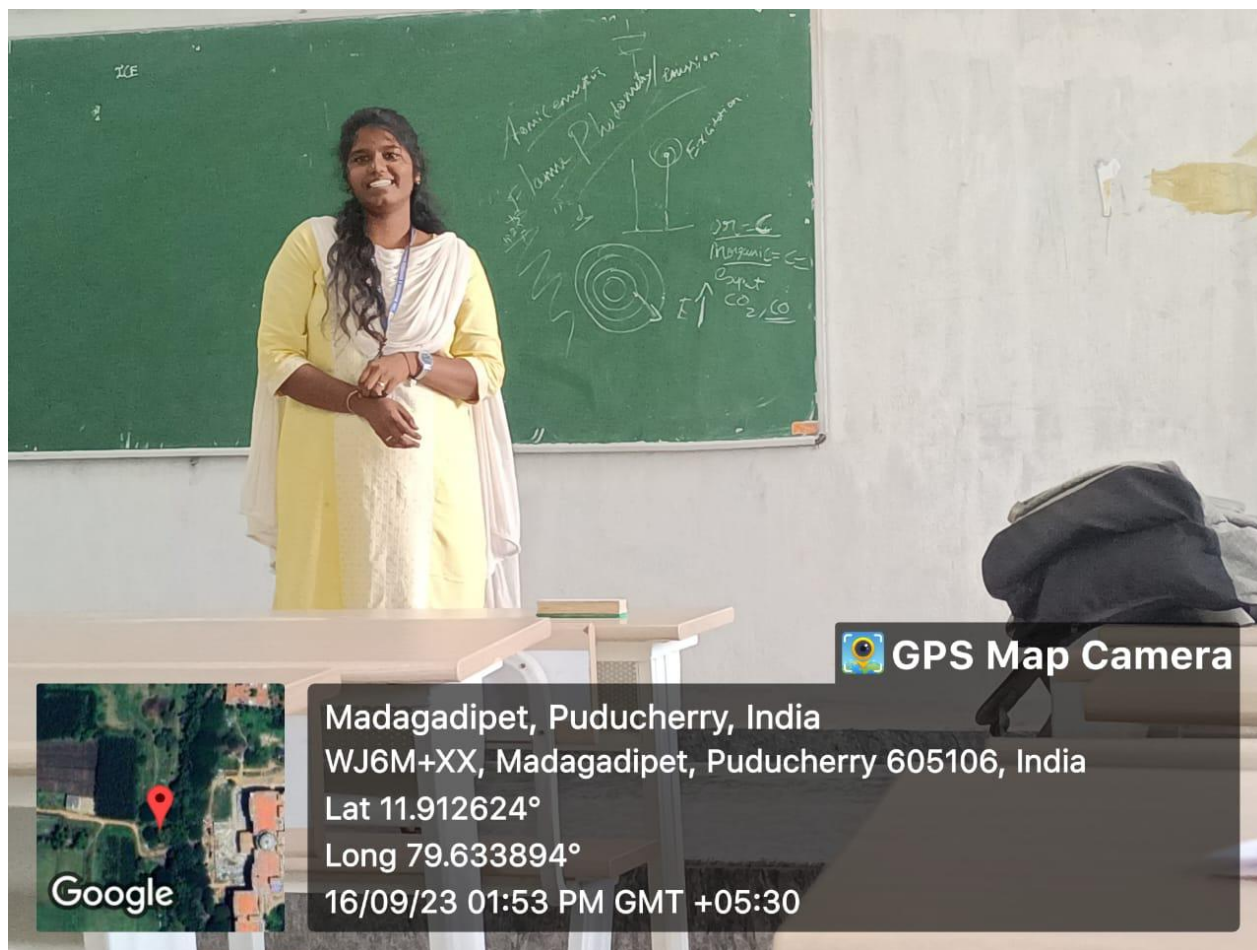
Long 79.635399°

06/09/23 12:51 PM GMT +05:30

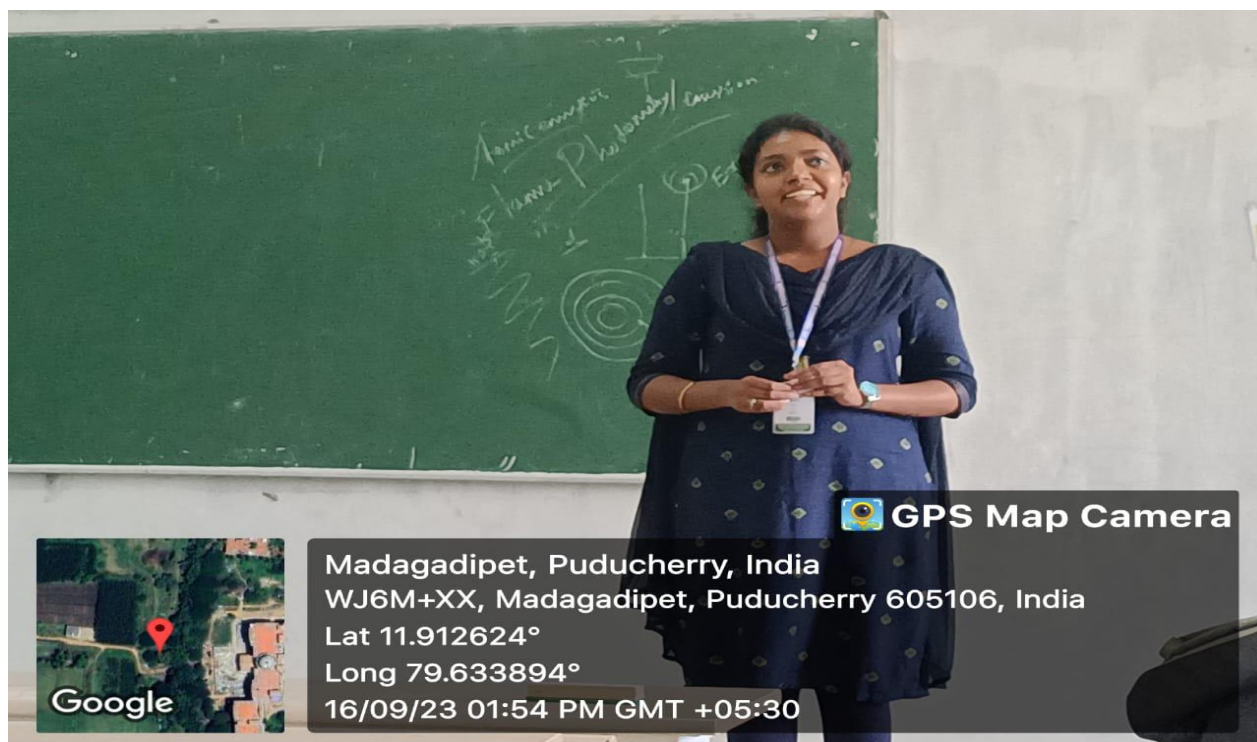
Mr.K.Prakesh, Assistant Professor, AIDS, Department of ICE, imparted upon us the fundamental principles of C programming, elucidating its pivotal role within the programming domain, and elucidated strategies for approaching programming with greater ease, all while underscored the profound relevance of programming languages in the contemporary era.

Seniors Interaction:

The seniors graced us with four distinct sessions:



Ms. Prisha, a third-year student in ICE, led a session to address collegiate uncertainties. His expertise and inclusive approach fostered open dialogue among attendees, highlighting the value of peer guidance in college.



The second session was dedicated to the uplifting of our spirits and the alleviation of the anxieties linked with college life by Ms.Toshika, 3rd year ICE, who engaged in entertaining activities such as mimicry and other enjoyable pursuits.

Energy Literacy Training:





Dr.D.Sivanandakumar, Associate Professor, Department of ICE, he imparted to us the significance of conserving energy, emphasizing its critical role in securing a sustainable future for generations to come. Furthermore, she elucidated the pivotal utility of the "Energy Literacy Training" course, meticulously guiding us through the process of registration and providing comprehensive instruction on navigating the intricacies of the online portal.

Literary Activity- Oral Exercise:



### Tamil Literary Activity:



The students were ushered into the expanse of a grand auditorium, where they were treated to an enlightening discourse on the significance of the Tamil language by Dr.M.Vanitha, Assistant Professor,Department of Tamil,SAS, and its profound historical roots, and the indelible impact it has woven into the very fabric of Tamilian lives. The erudite presentation extended to extolling the richness of Tamil culture, celebrated for its warm embrace of strangers. Subsequently, an eloquent exposition on Tamil literature and literary achievements further enriched the students' intellectual reservoirs, imbuing them with a profound sense of the imperative to safeguard and preserve the venerable Tamil language.

Creative

arts

—

Craft:











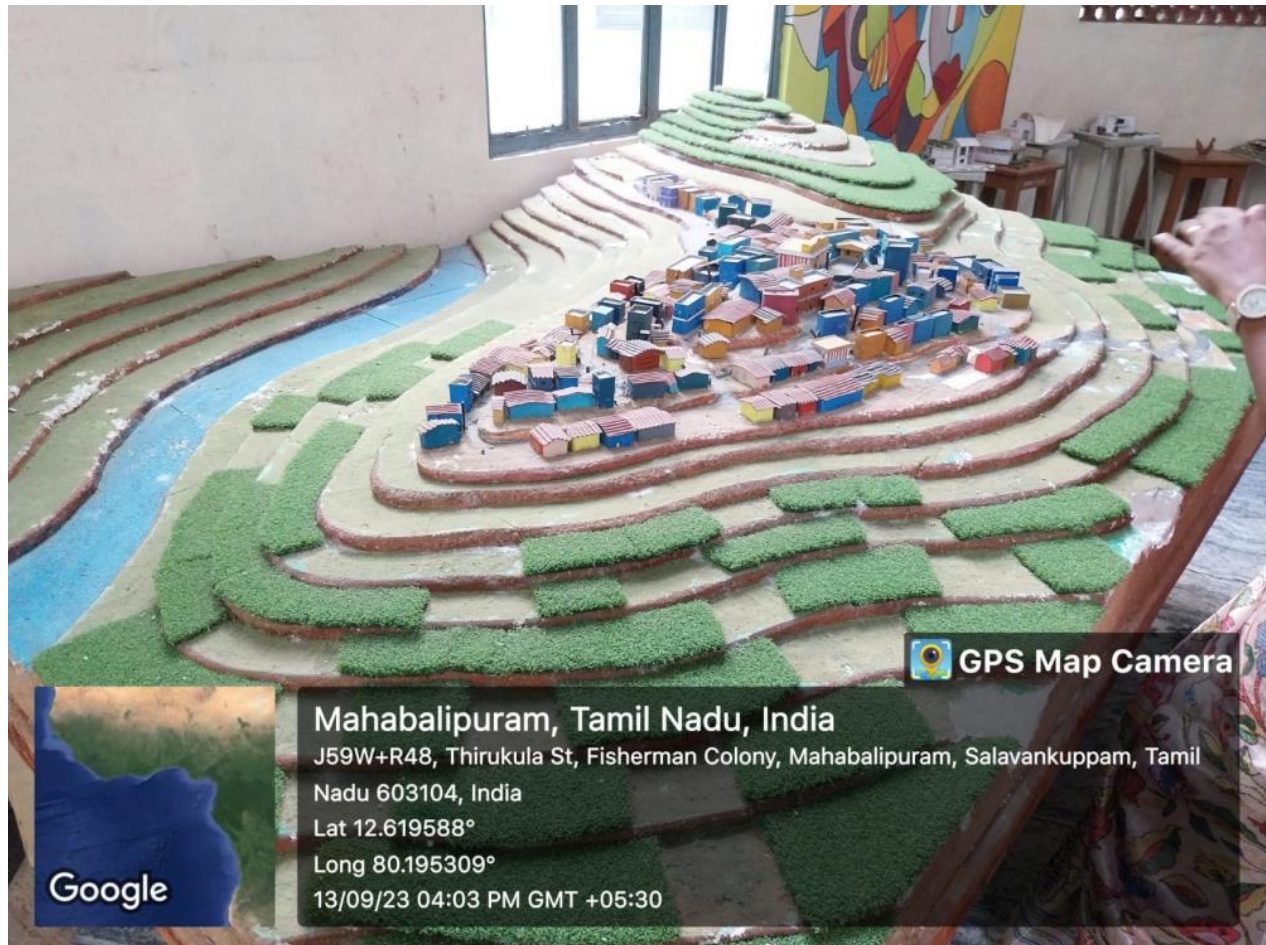


The crafts session proved to be a delightful and educational experience for students as they transformed simple materials like paper and cardboard into intricate creations. This hands-on activity nurtured their creativity and fine motor skills, encouraging them to explore their artistic talents. Moreover, it provided a refreshing break from traditional classroom learning, fostering a sense of relaxation and enjoyment while reinforcing the importance of imagination and innovation in the learning process.

Literary activity- Tamil:



The Tamil language session held in the auditorium was a cultural immersion experience, where students learned about the rich tapestry of Kanchipuram's heritage and its profound significance in Tamil culture and history. By exploring the intricacies of this woven culture, students gained a deeper appreciation for the enduring traditions that have woven together the fabric of Tamil society, fostering a sense of pride and connection to their cultural roots.



The visit to the architecture block exposed students to the captivating world of architectural design and its fundamental principles. They gained valuable insights into the creative projects undertaken by architecture students, fostering an appreciation for the art and science of building design. This experience not only broadened their horizons but also ignited curiosity about the essential role of architecture in shaping our surroundings.

## Creative Arts- Fireless Cooking:





Madagadipet, Puducherry, India  
WJ6P+HFV, Madagadipet, Puducherry 605106, India  
Lat 11.911985°  
Long 79.635648°  
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GPS Map Camera



Google

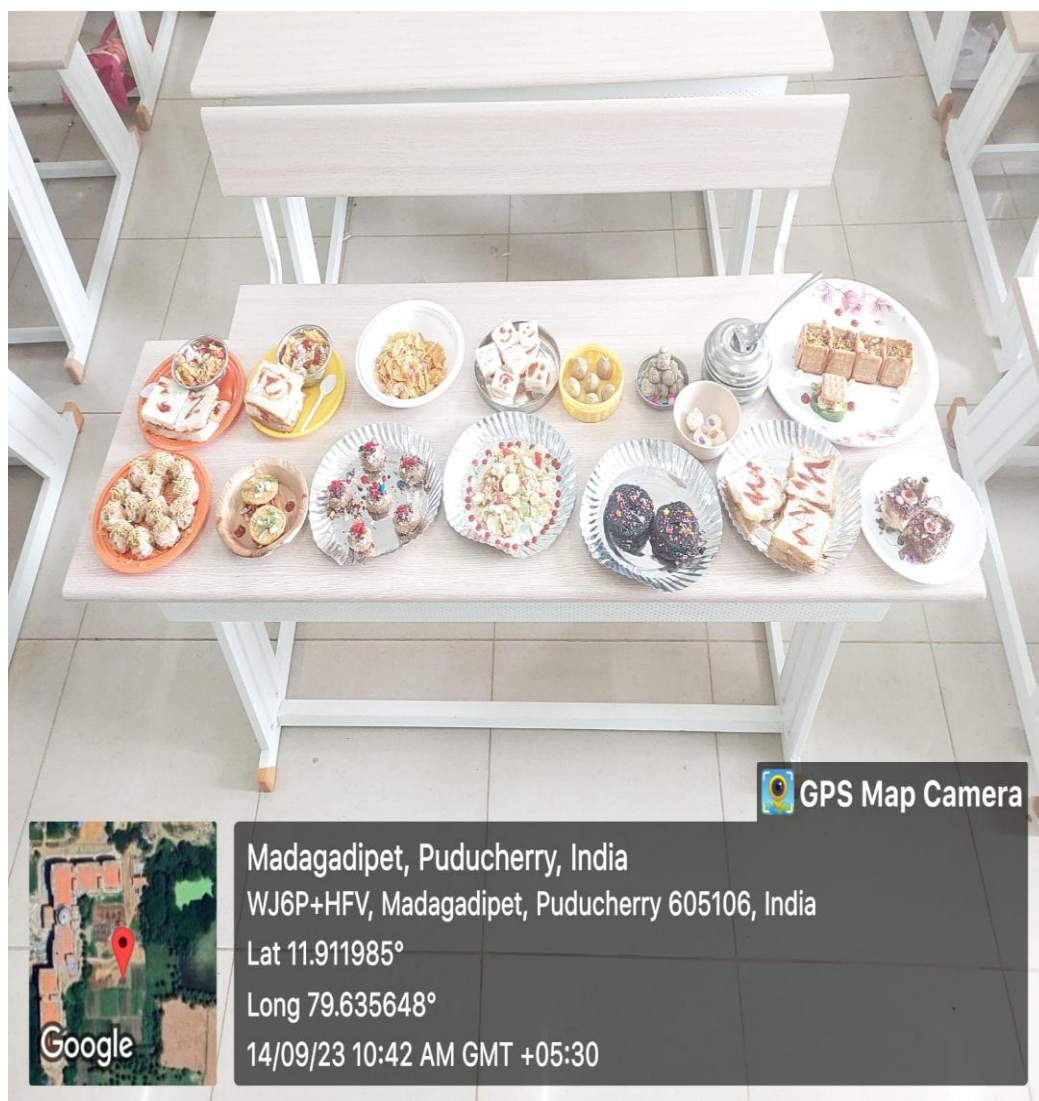
Madagadipet, Puducherry, India

WJ6P+HFV, Madagadipet, Puducherry 605106, India

Lat 11.911985°

Long 79.635648°

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The fireless cooking session was a flavorful and creative event that allowed students to showcase their culinary skills and ingenuity. Armed with their chosen ingredients, participants whipped up a variety of delectable dishes without the need for traditional stovetops or ovens. The judging panel assessed the dishes based on taste, presentation, and innovation, ultimately selecting three deserving winners who demonstrated exceptional culinary prowess. This hands-on activity not only promoted culinary exploration but also encouraged teamwork and friendly competition among the students, making it a memorable and enriching experience for all involved.