

**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
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think • innovate • transform

Academic Year 2024-25

Student Induction Programme Report

Department of **CSE - SECTION A**

SIP COORDINATOR
Ms.K.ANITHA

Date

HoD/CSE

Dr.R.POONGUZHALI

Date

Dean (FET)

Dr.M.SHARMILA BEGUM

Date

Dean (L&D)

Dr.J.JEYACHIDRA

Date

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1. Introduction

The warm welcome for the Student Induction Programme to First Year students who were admitted during the year 2024-2025 was organized on 21.06.2024 at TB-I 325.

2. SIP –Task Force–UGC Quality Mandate

The purpose of the Student Induction Programme is to help new students adjust and feel comfortable in the environment, inculcate in them culture of the institution, help them build bonds with other students and faculty members, and expose them to purpose and self-exploration

3. Guidelines adopted

- a. All India Council of Technical Education, “Student Induction Program: A Detailed Guide”, 30 July 2018, Nelson Mandela Marg, Vasant Kunj, New Delhi
- b. University Grants Commission, “A Guide to Student Induction Programme (SIP) S T R I D E Operational Guidelines Scheme for Trans-disciplinary Research for India’s Developing Economy, July 2019, Bahadur Shah Zafar Marg, New Delhi-110002

4. Department SIP team

Convenor : Dr. R. Poonguzhali. HOD/CSE

SIP Coordinator : Ms. U. Elamathi. AP/CSE

Class Coordinator : Ms. K. Anitha. AP/CSE

5. Student Details

S. No	Register Number	Name
1	122024001	V.LAVANYA
2	122024002	ABINASH K
3	122024003	M. DHARSHINI KOTESWARI
4	122024004	MOHAMED SHAFEER
5	122024005	S.KALAIPRIYAN
6	122024006	J.BHAGAVATH RAJ
7	122024007	GURUPRIYA. A
8	122024008	SRIBARAN N
9	122024009	MOHAMED ABDUL HAQ J
10	122024010	JONCY PRISHKILLA
11	122024011	SHIFANA BEGEAM.M
12	122024012	M.PRAVEEN KUMAR
13	122024013	S.RAHUL
14	122024014	U. MITHRA
15	122024015	ARUN BALAJI. S
16	122024016	J K HARRIESH
17	122024017	MAGIRACHAN
18	122024018	KABILAN. S
19	122024019	R . ABIRAMI
20	122024020	A.N.ASIKA
21	122024021	SANDHIYA G
22	122024022	HARIKUMARAN T
23	122024024	K.VIJAY
24	122024025	M.FAZILA
25	122024026	MOHAMED RANAS.K.M
26	122024027	MOHAMAD FASITH H
27	122024028	BHUVANESHWARI. K
28	122024029	SANTHOSHKUMAR B
29	122024030	R.KISHORE
30	122024031	R.DHARSINI
31	122024032	J.RENICA SARA

32	122024033	GOVINDHARAJ E
33	122024034	BALAMURUGAN S
34	122024035	SUHAINA S
35	122024036	SHRI VISHNU PRIYAN. D
36	122024037	MOHAMED ASLAM. M
37	122024038	SRIRAM S
38	122024039	AFSAR FARVIS S
39	122024040	MOHAMED JAFIR.J
40	122024041	R SUBBIN
41	122024042	S.VIJAYAN
42	122024043	NISHANTHINI. M
43	122024044	KEERTHANA.S
44	122024045	DEIVASRI K S
45	122024046	SANJAY. S
46	122024047	MOHAMED SHAFIQ.A
47	122024048	VANMUGILB
48	122024049	MONISHA A
49	122024051	JOHNRICE. P
50	122024052	Abishek Simman S
51	122024053	Amutha Kaviya
52	122024054	R.Harish
53		Jayaseelan

6. Asw3ewSchedule:

DEEKSHARAMB
Student Induction Programme
Department of Computer Science and Engineering
CSE A
Batch 2024-2028
Year of Admission:2024
I Year B.Tech CSE Regular
Co-ordinator :K.Anitha

Date / Day	8.30 AM - 9.30 AM	9.30 AM-10.30 AM	10.30 AM-11.00 AM	11.00 AM-12 Noon	12 Noon-1 PM	1 PM-2 PM	2 PM-3 PM	3 PM-4 PM
DAY 1 08.07.2024 MONDAY	Know your Class Mate Venue: Classroom	Know your Class Mate Venue: Classroom	TEA BREAK	Campus Tour Visit to TBI,TBII,PKC	Campus Tour Visit to Biomethanation Plant,Bamboo Forest,TBI	LUNCH BREAK		
DAY 2 09.07.2024 TUESDAY	Creative Arts Venue: Nagammaiyar Block	Creative Arts Venue: Nagammaiyar Block		Universal Human Values (Cyber Crime) Dr.A.E.Narayanan, Associate Professor /CSE . Venue: Indoor Stadium	Universal Human Values Roselin Antoni Ammal, Sub inspector of police, Crime Branch , Thanjavur Venue: Indoor Stadium			

DAY 3 10.07.2024 WEDNESDAY	Creative Arts Venue: Nagammaiyar Block	Creative Arts Venue: Nagammaiyar Block	TEA BREAK	Universal Human Values (Higher education and International scholarships) Dr. Vijayshankar Ashokan, Managing Director, Mullai Academia International Privated Limited ,Chennai. Venue: Indoor Stadium	Universal Human Values (Higher education and International scholarships) Dr. Vijayshankar Ashokan, Managing Director, Mullai Academia International Privated Limited ,Chennai. Venue: Indoor Stadium	LUNCH BREAK		
DAY 4 11.07.2024 THURSDAY	Physical Activities - Fun Activities Venue: Einstein Hall	Physical Activities - Fun Activities Venue: Einstein Hall		Creative Arts Venue: Le Corbusier Hall	Creative Arts Venue: Le Corbusier Hall			
DAY 5 12.07.2024 FRIDAY	Physical Activities - Talent Show Venue: Einstein Hall	Physical Activities - Fun Activities Venue: Einstein Hall		Creative Arts Venue: Le Corbusier Hall	Creative Arts Venue: Le Corbusier Hall			
DAY 6 15.07.2024 MONDAY	Pre Test Venue:Classroom	Mr. Sidharthan Inspector of factories and Hygienic Joint Director		Creative Arts Venue: Nagammaiyar Block	Creative Arts Venue: Nagammaiyar Block		Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground	Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground

DAY 7 16.07.2024 TUESDAY	Creative Arts Venue: Nagammaiyar Block	Creative Arts Venue: Nagammaiyar Block	TEA BREAK	Physical Activities - Treasure Hunt Venue: Classroom	Physical Activities - Treasure Hunt Venue: Classroom	LUNCH BREAK	Creative Arts Venue: Indoor Stadium	Creative Arts Venue: Indoor Stadium
DAY 8 17.07.2024 WEDNESDAY	Creative Arts Venue: Nagammaiyar Block	Creative Arts Venue: Nagammaiyar Block		Universal Human Values (Impact of Drug Addiction) Venue: Indoor Stadium	Universal Human Values (Impact of Drug Addiction) Venue: Indoor Stadium		Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground	Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground
DAY 9 18.07.2024 THURSDAY	Local Visit			Local Visit			Creative Arts Venue: Le Corbusier Hall	Creative Arts Venue: Le Corbusier Hall
DAY 10 19.07.2024 FRIDAY	Introduction to Outcome Based Education Dr.J.Jeyachidra, Dean Academic- Teaching Learning & Evaluation Venue: Indoor Stadium	Examination & Evaluation System Dr.S.Arumugam, Deputy COE, Venue: Indoor Stadium		Physical Activity (First Aid) Venue :Indoor Stadium	Physical Activity (First Aid) Venue :Indoor Stadium		Creative Arts Venue: Le Corbusier Hall	Creative Arts Venue: Le Corbusier Hall

DAY 11 22.07.2024 MONDAY	The Power of Your Mind Ms.R.Anbumathi, Counsellor PMIST Venue: Indoor Stadium	+Venue: Indoor	TEA BREAK	Universal Human Values (Legal Awareness) Venue: Indoor Stadium	Universal Human Values (Legal Awareness) Venue: Indoor Stadium	LUNCH BREAK	Creative Arts Venue: Indoor Stadium	Creative Arts Venue: Indoor Stadium
DAY 12 23.07.2024 TUESDAY	How to crack the Competitive Examinations Dr.K.Selvakumar, Director/KKCPS Venue:Indoor Stadium	How to crack the Competitive Examinations Dr.K.Selvakumar, Director/KKCPS Venue:Indoor Stadium		Universal Human Values (Adoloscent Mental Health) Venue: Indoor Stadium	Universal Human Values (Adoloscent Mental Health) Venue: Indoor Stadium		Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground	Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground
DAY 13 24.07.2024 WEDNESDAY	Physical Activities - Talent Show Venue: Classroom	Physical Activities - Talent Show Venue: Classroom		Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground	Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground		Creative Arts Venue: Indoor Stadium	Creative Arts Venue: Indoor Stadium
DAY 14 25.07.2024 THURSDAY	Understanding Society & Social Responsibility Dr.Aarthi Saravanan, HoD/Political Science Venue:Indoor Stadium	Support to Start ups in PMIST Dr.A.P.Aruna,CEO PTBI Venue:Indoor Stadium		Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground	Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground		Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground	Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground
DAY 15 26.07.2024 FRIDAY	Dr.Appav Alias Balamurugan professor/CSE Venue:Estein Hall			Creative Arts - Exhibition Venue: Indoor Stadium	Creative Arts - Exhibition Venue: Indoor Stadium		Post Test Venue: Classroom	Valedictory Function Venue: Classroom

DATE	1	2	3	4		5	6	7
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	8.30AM-9.25AM	9.25AM-10.20AM	10.40AM-11.35AM	11.35AM-12.30PM		1.25PM-2.20PM	2.20M-3.15PM	3.15PM-4.10PM
1/8/24	CHEMISTRY Dr.G.M	PHYSICS Dr.P.GAYATHRI	MATHS Dr.P.GEETHA	PROGRAMMING FUNDAMENTALS Ms.K.Meena		PROGRAMMING FUNDAMENTALS Ms.A.MASANAM	ENGLISH	CHEMISTRY Dr.G.M
2/8/24	CHEMISTRY Dr.G.Manivannan	PROGRAMMING FUNDAMENTALS Ms.S.Gomathi	PROGRAMMING FUNDAMENTALS Ms.K.Meena	PHYSICS Dr.P.GAYATHRI		ENGLSIH Ms.Jenifer	MATHS Dr.P.Geetha	ENGLSIH Ms.Jenifer
5/8/24	PROGRAMMING FUNDAMENTALS Ms.K.Meena	PROGRAMMING FUNDAMENTALS Ms.K.Meena	MATHS Dr.P.GEETHA	UHV Dr.LATHA CIVIL		ENGLSIH Ms.Jenifer	MATHS Dr.P.GEETHA	CHEMISTRY Dr.G.M
6/8/24	MATHS Dr.P.GEETHA	MATHS Dr.P.GEETHA	PROGRAMMING FUNDAMENTALS Ms.K.Meena	PHYSICS Dr.P.GAYATHRI		ENGLSIH Ms.Jenifer	ENGLSIH Ms.Jenifer	CHEMISTRY Dr.G.M
7/8/24	PHYSICS Dr.P.GAYATHRI	PHYSICS Dr.P.GAYATHRI	MATHS Dr.P.GEETHA	CHEMISTRY Dr.G.Manivannan		MATHS Dr.P.GEETHA	ENGLSIH Ms.Jenifer	CHEMISTRY Dr.G.M
8/8/24	UHV Ms.ANUPRIYA CIVIL	PHYSICS Dr.P.GAYATHRI	MATHS Dr.P.GEETHA	Ms.ALAMELU COUNSELLOR		PROGRAMMING FUNDAMENTALS Ms.K.Meena	ENGLSIH Ms.Jenifer	CHEMISTRY Dr.G.M

DAY 1

The "Know Your Classmate" activity was conducted in the classroom to encourage interaction and bonding among new students. This ice-breaking session allowed students to introduce themselves, share their interests, and build initial connections. Through a series of structured questions and group activities, students learned more about each other, fostering a friendly and collaborative environment for their upcoming academic journey.

Students shared personal interests and academic goals.

Ice-breaker activities boosted confidence and camaraderie.



The campus tour led students to the Bio-methanation Plant, Bamboo Forest, and TBI, allowing them to see the campus's sustainability efforts and natural resources. At the Bio-methanation Plant, students learned about the conversion of organic waste into energy, while the Bamboo Forest provided an example of campus green spaces, aimed at promoting environmental awareness and sustainability.



DAY 2

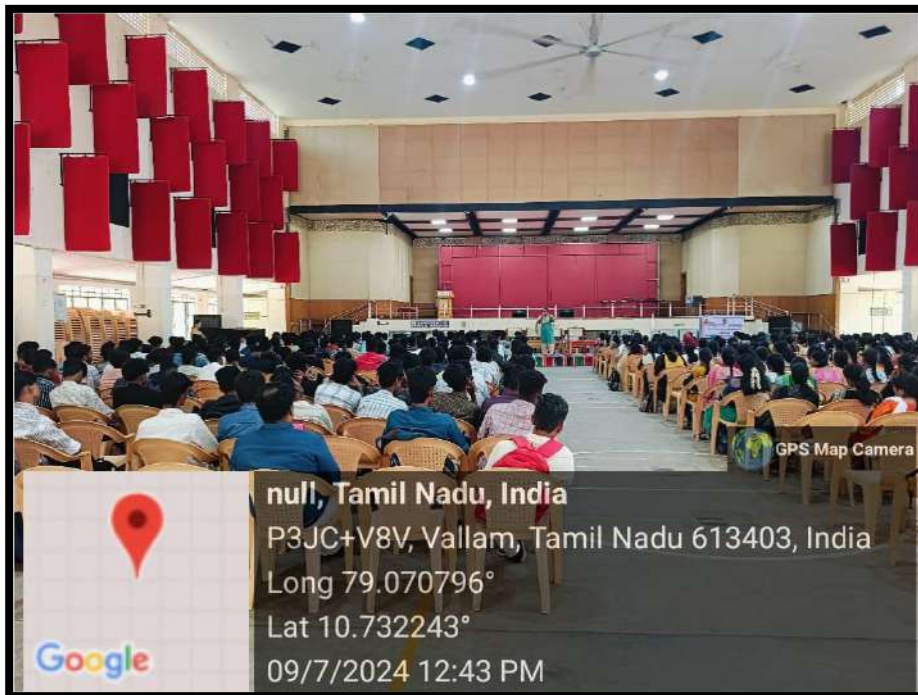
The Creative Arts event, held in the Nagammaiyar Block, brought students together to showcase their talents across various art forms, including paper cutting. This creative activity allowed participants to express themselves artistically, highlighting the intricacy and precision of paper-cutting techniques. The event fostered an appreciation for creative skills and encouraged students to explore new artistic forms.



The Cyber Crime Awareness session, led by Dr. A.E. Narayanan, Associate Professor in CSE, took place in the Indoor Stadium. Dr. Narayanan emphasized the importance of internet safety, ethical online behavior, and data protection. His talk provided valuable insights into safeguarding personal information and maintaining digital privacy, equipping students with practical knowledge to navigate the digital landscape securely.



In the Crime Awareness & Safety session, Sub-Inspector Roselin Antoni Ammal from the Thanjavur Crime Branch spoke on general crime prevention and personal safety. Held in the Indoor Stadium, her session covered strategies for identifying, avoiding, and reporting crime, with an emphasis on vigilance and community responsibility. Both talks on safety and ethics in physical and digital spaces were well-received and impactful.



DAY 3

First-year students participated enthusiastically, transforming simple paper sheets into functional and creative pencil stands using techniques like folding, rolling, and paper layering. This activity encouraged students to think innovatively, explore sustainable practices, and showcase their artistic skills in a relaxed environment. The vibrant and varied designs, from abstract patterns to thematic shapes, highlighted the students' unique personalities and teamwork abilities, making the event a fun and memorable start to their college journey.







DAY

4

The staff addressal focuses on introducing faculty members to students in the Student Induction Program (SIP). This session allows faculty to share their backgrounds, expertise, and roles within the department, giving students a clear understanding of who will be guiding them through their academic journey. It also creates an opportunity for students to ask questions, build initial connections with faculty, and gain insights into the resources and support systems available to them. This welcoming approach in SIP fosters a friendly, approachable environment, making students feel more comfortable and integrated from the start of their academic experience.

Additionally, creative arts initiatives, including art exhibits, workshops, and quarterly talent shows, allow team members to showcase personal talents and develop new skills, enriching our workplace with diverse perspectives and creativity. Together, these activities create a balanced and engaging work environment that supports both professional and personal growth.



DAY 5

A fun interactive event where students and faculty engage in team games and ice-breakers to strengthen



bonds. This activity promotes open communication and helps build a friendly, inclusive environment. By connecting on a personal level, participants enjoy a relaxed setting that supports meaningful connections.

Then we organized dance shows where students and faculty showcase their talents through solo or group performances. These events celebrate creativity and cultural diversity, allowing participants to express themselves and bond through dance. The vibrant atmosphere fostered community spirit and adds excitement to the academic



environment.

In Creative Arts session featuring a “Trashion Show,” where participants showcased outfits crafted from recycled materials. Students and faculty alike took part, designing and modeling creative, eco-friendly ensembles made from items like plastic bags, newspapers, and discarded fabrics. The event aimed to promote sustainability while encouraging creativity, and participants impressed the audience with their resourcefulness and originality. The Trashion Show successfully raised awareness about environmental conservation and inspired the community to think creatively about waste reduction, leaving a positive impact on attendees and fostering a spirit of innovation.



Thanjavur, Tamil Nadu, India

Q4GX+H68, Kollupettai St, Maharnonbu Chavadi, Thanjavur, Tamil Nadu 613001, India

Lat 10.776309°

Long 79.148412°

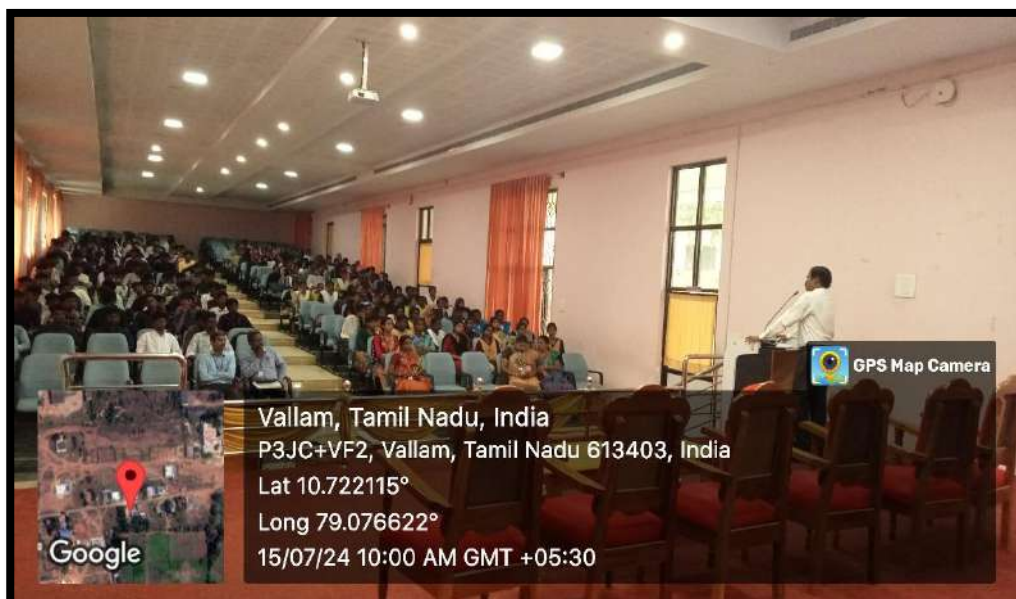
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DAY 6

Mr. Sidharthan, *Inspector of Factories and Hygiene and Joint Director*, recently delivered an insightful seminar to Computer Engineering students. His session covered critical topics on workplace safety, hygiene standards, and regulatory compliance, highlighting the importance of these elements in various industries, including tech environments.

During the seminar, **Mr. Sidharthan** inspired Computer Engineering students by sharing the story of a successful man who overcame dyslexia to achieve greatness. Through this narrative, he highlighted the importance of resilience, determination, and self-belief in the face of challenges. By focusing on the individual's journey of transforming a perceived limitation into a strength, Mr. Sidharthan encouraged students to embrace their unique abilities and persevere in the pursuit of their goals. His motivational story left a lasting impact, reminding students that obstacles can be stepping stones to success.



DAY 7

Then organized an exciting treasure hunt that engaged students in a fun and interactive way. Participants formed teams and embarked on a quest to solve clues and complete challenges scattered across the campus. The treasure hunt promoted teamwork, critical thinking, and problem-solving skills while fostering camaraderie among students. As they navigated through various locations, students enjoyed exploring their surroundings and discovering hidden aspects of the campus. The event concluded with a celebration, where teams shared their



experiences, and prizes were awarded to the winners, creating lasting memories and a sense of community.

DAY 8

As part of the Student Induction Program, the department organized a lively Creative Arts session featuring face painting, which allowed students to express their creativity in a fun and engaging way. Professional face painters guided participants in transforming their faces into colorful designs, fostering a relaxed atmosphere that encouraged social interaction among new students. The event was met with enthusiasm, as students embraced a variety of artistic styles, from intricate patterns to whimsical characters. This interactive activity not only provided an opportunity for self-expression but also helped break the ice and promote a sense of belonging within the student community, setting a positive tone for their journey ahead.



The department CSAS hosted an informative session on the **Impact of Drug Addiction**, featuring C.V. Subramanian as the resource person. He provided a comprehensive overview of drug addiction, exploring its causes, symptoms, and effects on individuals and society. He emphasized the significant social and economic repercussions of addiction, such as the burden on families and healthcare systems, while also sharing powerful personal stories of recovery to foster empathy and understanding.

The event encouraged active engagement from students and faculty, who participated in discussions and posed insightful questions about the topic. Counsellor also highlighted effective prevention strategies and resources available for those affected by addiction. Overall, the session was impactful, raising awareness about the critical issue of drug addiction and reinforcing the importance of community support in recovery efforts. The department plans to organize more events to further educate students on this important social issue.





During the Student Induction Program, the department included a variety of **physical activities** aimed at promoting fitness, teamwork, and a healthy lifestyle among incoming students. These activities featured team-building exercises, sports tournaments, and group games that encouraged participation and collaboration. Students took part in events like relay races, tug-of-war, and obstacle courses, fostering camaraderie and friendly



competition while enabling them to connect with their fellow peers.

DAY 9

During the Student Induction Program (SIP), students had the opportunity to visit the National Institute of Food Technology Entrepreneurship and Management (NIFTEM) in Thanjavur, an autonomous academic and research institution under the Ministry of Food Processing Industries, Government of India. The visit aimed to familiarize students with NIFTEM's innovative research initiatives and academic programs focused on food technology and processing. Students were guided through the campus, where they learned about the institution's state-of-the-art facilities, ongoing research projects, and industry collaborations that aim to advance the food processing sector in India.

The visit included interactive sessions with faculty members and researchers, who shared valuable insights into the food technology landscape and the various career opportunities available in this field. Students were engaged in discussions about the significance of food processing in enhancing food security, sustainability, and entrepreneurship. Overall, the local visit to NIFTEM was a fruitful experience that enriched students' understanding of food technology, inspired their academic pursuits, and encouraged them to consider the impact of innovation in the food industry.



Students participated in a local visit to the historic Thanjavur Palace, which offered a glimpse into the rich cultural heritage of Tamil Nadu.



DAY 10

The department organized a session on **Introduction to Outcome-Based Education (OBE)**, led by Dr. J. Jeyachidra, Dean of Academic Teaching Learning & Evaluation. Dr. Jeyachidra provided valuable insights into the principles and framework of OBE, emphasizing its importance in enhancing student learning outcomes and aligning educational practices with industry needs. The session covered key elements such as defining learning outcomes, assessment strategies, and continuous improvement processes. Participants engaged in discussions about the implementation of OBE in their courses and its potential impact on academic excellence. Overall, the event was informative and fostered a deeper understanding of effective teaching methodologies among faculty and students.



The department hosted an informative session on the **Examination and Evaluation System**, presented by Dr. S. Arumugam, Deputy Controller of Examinations (COE). He provided an overview of the mark distribution framework used in the evaluation process, explaining how different components such as assignments, mid-term exams, and final assessments contribute to the overall grading. He emphasized the importance of a transparent and fair marking system that aligns with the institution's academic standards, ensuring that students are evaluated comprehensively based on their performance and understanding of the subject matter.

In addition to mark distribution, he discussed various assessment methods employed to gauge student learning, including formative and summative assessments. He highlighted the role of continuous evaluation in fostering student engagement and identifying areas for improvement. The session also addressed the significance of feedback in the learning process, encouraging students to actively seek guidance to enhance their academic performance. Overall, the event provided valuable insights into the examination and evaluation practices at the institution, reinforcing the commitment to maintaining high educational standards and promoting student success.



The department conducted a short session on **Physical Activity and First Aid** to equip students with essential life-saving skills. Participants learned about basic first aid procedures, including how to handle common injuries such as cuts, sprains, and burns. The session emphasized the importance of quick response and proper techniques in emergency situations, ensuring students are prepared to assist themselves and others.





The session encouraged creativity and innovation as students transformed ordinary balloons and newspaper into unique artistic expressions. Through hands-on demonstrations, students learned techniques such as paper mache and balloon sculpting, fostering teamwork and collaboration.



DAY 11

The department hosted an enlightening session titled "**The Power of Your Mind**," led by Ms. R. Anbumathi, a counsellor at PMIST. In her presentation, Ms. Anbumathi explored the significance of mental strength and the influence of positive thinking on personal growth and academic success. She emphasized the importance of harnessing the mind's potential to overcome challenges, manage stress, and enhance overall well-being. Through interactive discussions and practical exercises, participants learned techniques for improving focus, building resilience, and fostering a growth mindset. Ms. Anbumathi encouraged students to visualize their goals and adopt strategies that empower them to achieve their aspirations. Overall, the session was inspiring and provided valuable insights into leveraging the power of the mind for personal and academic development.



DAY 12

The department held a vital session on **Universal Human Values** focusing on **Adolescent Mental Health**. This event aimed to raise awareness about the mental health challenges faced by adolescents, including anxiety, depression, and stress, while emphasizing the importance of empathy, respect, and understanding in supporting mental well-being. Experts shared insights into the various factors affecting adolescent mental health, such as academic pressures, social media influences, and family dynamics.

Participants engaged in discussions about recognizing the signs of mental health issues and the role of peers, educators, and parents in providing support. The session highlighted practical strategies for promoting mental wellness, including stress management techniques and the importance of open communication. Overall, the event emphasized the significance of fostering universal human values in creating a supportive environment for adolescents, encouraging them to prioritize their mental health and seek help when needed.

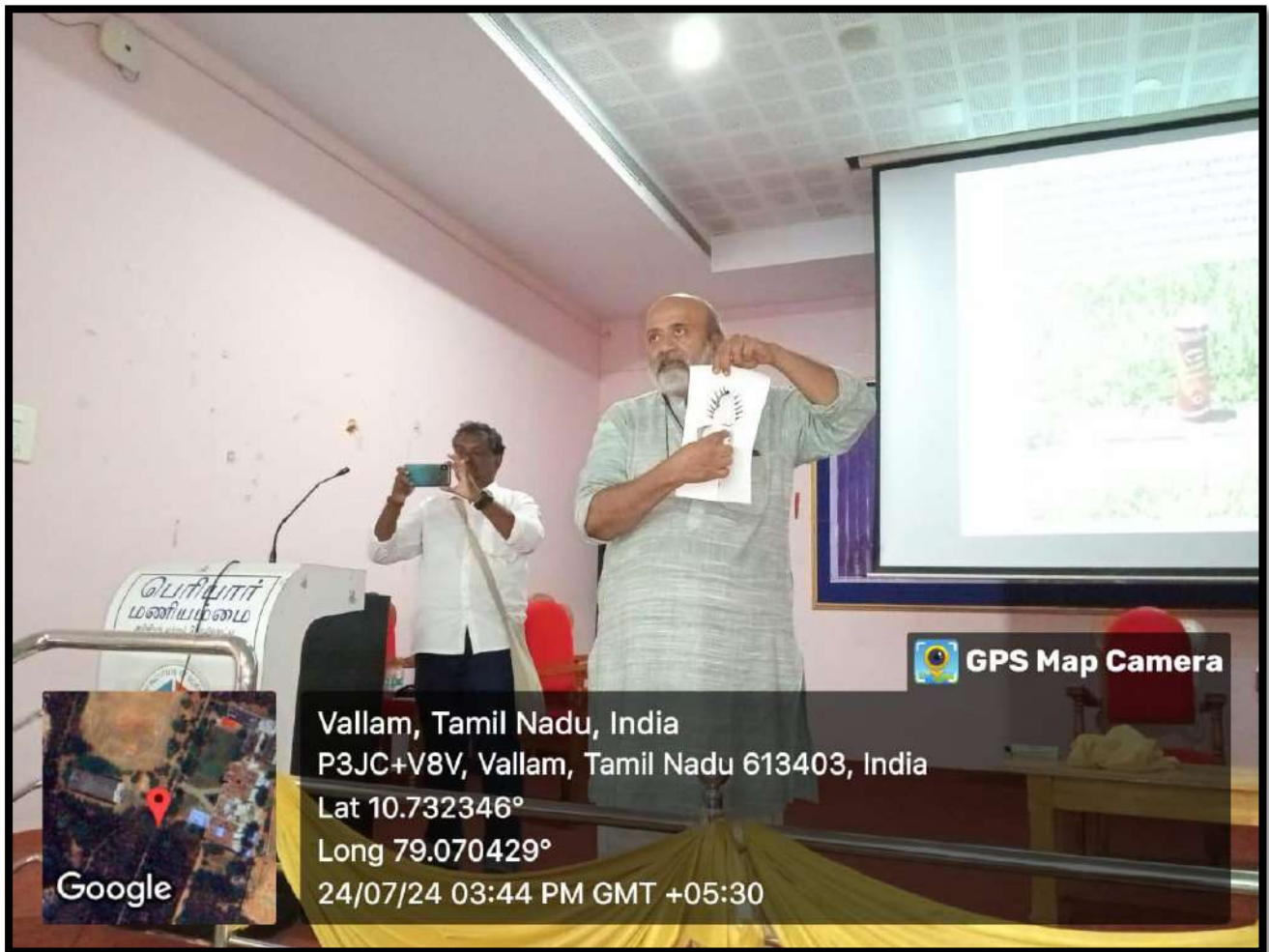


DAY 13

The event provided a platform for participants to express themselves, foster camaraderie among peers, and celebrate the diverse musical talents within the student community.



The department hosted a one-day workshop titled "**An Origami-Based Mathematics Approach,**" led by Mr. Shivasankar Shastri. During the workshop, participants explored the fascinating intersection of origami and mathematics, learning how folding techniques can be applied to solve complex mathematical problems and enhance spatial reasoning skills. Through hands-on activities, attendees engaged in creating intricate origami models, fostering creativity while reinforcing mathematical concepts. Overall, the workshop was both educational and enjoyable, providing students with a unique perspective on the practical applications of mathematics through the art of origami.



**DEPARTMENT OF BIOTECHNOLOGY
PERIYAR NAGAR, VALLAM,
THANJAVUR - 613 403,
TAMIL NADU, INDIA**



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited
think • innovate • transform

ONE DAY WORKSHOP

ORIGAMI BASED MATHEMATICS APPROACH

RESOURCE PERSON

Mr.V.SHIVSHANKAR SHASTRI

**SCIENCE/MATH COMMUNICATOR,
SCIENCE WRITER, TRANSLATOR,
MODELLER, ORIGAMIA**



DATE: 24.07.2024

Time: 2.00pm

VENUE: EINSTEIN HALL

Convenor

**Dr.K.Geetha, Ph.D,
Head, Department of Biotechnology**

Coordinators

**Dr.C.Arun, Assistant Professor
Ms.R.Ramya, Assistant Professor
Department of Biotechnology**

DAY 14

The department organized an insightful session on **Community Engagement & Periyar PURA**, presented by Dr. Anand Jerard Sebastin, Director of the Centre for Rural Development (CRD). Dr. Sebastin introduced the Periyar PURA initiative, which aims to enhance rural development through sustainable practices, community participation, and skill development. He emphasized the importance of engaging with local communities to address their needs and empower them through various development programs.

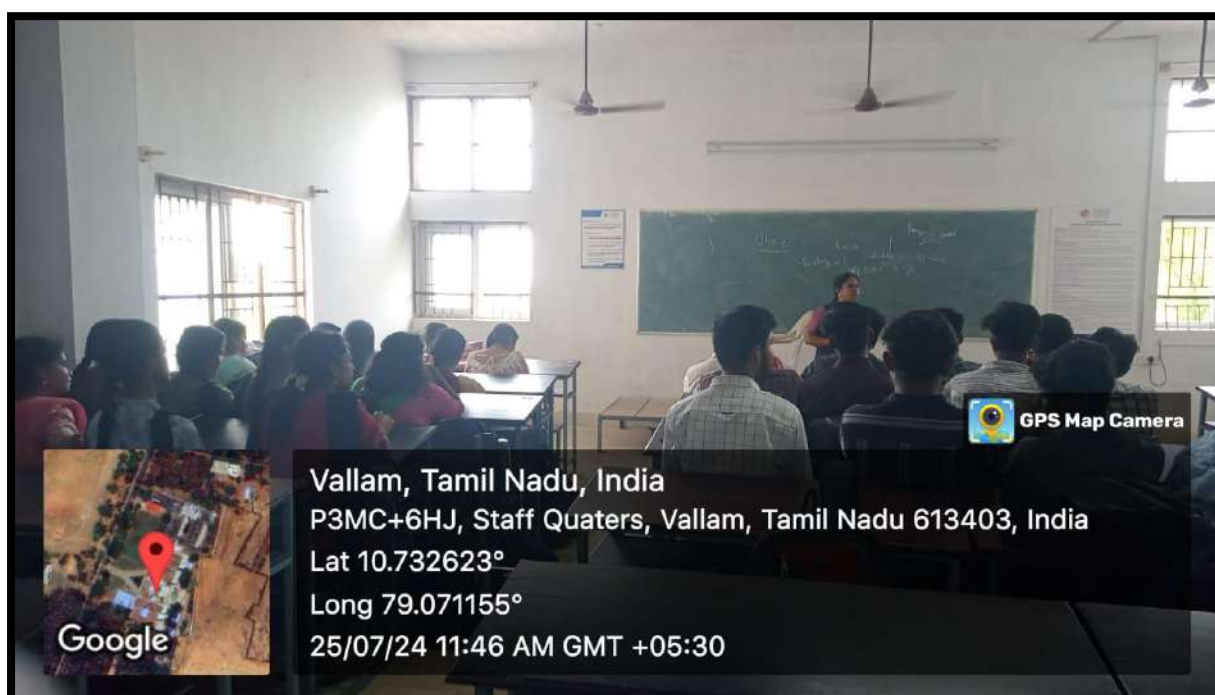
During the session, Dr. Sebastin highlighted successful case studies and projects under the Periyar PURA initiative, showcasing how collaborative efforts between institutions and communities can lead to significant improvements in quality of life. Participants were encouraged to think critically about their roles in community engagement and how they can contribute to meaningful change. Overall, the event was enriching and fostered a deeper understanding of the vital connection between education, community service, and sustainable development.





The department organized an insightful session on **"Understanding Society & Social Responsibility,"** presented by Dr. Aarthi Saravanan, Head of the Department of Political Science. Dr. Saravanan discussed the fundamental concepts of social responsibility and its significance in fostering a just and equitable society. She emphasized the role of individuals and institutions in contributing to social welfare, highlighting the interconnectedness of various societal elements and the impact of collective action.

Through engaging discussions and real-world examples, Dr. Saravanan encouraged students to reflect on their responsibilities towards their communities and the importance of active citizenship. The session provided valuable insights into how understanding societal dynamics can inspire meaningful contributions, empowering students to become proactive agents of change. Overall, the event fostered a deeper awareness of social issues and the ethical considerations essential for building a responsible and compassionate society.





DAY 15

The department hosted an engaging session on the Applications of Artificial Intelligence (AI) and Machine Learning (ML) for Engineers, led by Dr. S. Appavu, also known as Balamurugan. Dr. Appavu provided a comprehensive overview of how AI and ML technologies are revolutionizing various engineering fields, including mechanical, civil, and electrical engineering. He highlighted real-world applications, such as predictive maintenance, smart manufacturing, and data analysis, showcasing how these technologies enhance efficiency and decision-making processes.

Through interactive discussions and case studies, participants gained insights into the practical implementation of AI and ML tools in engineering projects. Dr. Appavu also emphasized the importance of interdisciplinary knowledge and continuous learning for engineers to stay relevant in an increasingly technology-driven landscape. Overall, the session was informative and inspiring, equipping students with a better understanding of the transformative potential of AI and ML in their future careers.



Bridge Courses from DAY 16 to DAY 21

The department recently conducted a series of academic sessions featuring esteemed faculty members across various disciplines. Dr. G. M. delivered insights into **Chemistry**, discussing fundamental concepts and their applications in real-world scenarios. In the **Physics** session, Dr. P. Gayathri engaged students with intriguing experiments and the principles governing the physical world. Dr. P. Geetha led the **Mathematics** discussion, emphasizing problem-solving techniques and their relevance in everyday life.

Ms. K. Meena introduced students to **Programming Fundamentals**, laying the groundwork for coding and software development skills. In the **English** session, Ms. Jenifer focused on enhancing communication skills and literary appreciation. The **Universal Human Values (UHV)** sessions were conducted by Dr. Latha and Ms. Anupriya from the Civil Engineering department, along with Ms. Alamelu, the counselor, emphasizing the importance of ethical principles and social responsibility in professional life. Overall, these sessions enriched students' understanding of their respective fields and promoted holistic development.





The department concluded the event with a **Valedictory Address** by the Vice Chancellor, who reflected on the key insights and experiences shared throughout the program. The VC emphasized the importance of holistic education and the need for students to adapt to the rapidly evolving academic and professional landscapes. He encouraged the students to apply the knowledge gained and to engage actively in their respective fields, fostering innovation and collaboration.

During the address, the Vice Chancellor also introduced the concept of the **Dual Degree Program**, which offers students the opportunity to pursue two degrees simultaneously, enhancing their educational breadth and career prospects. He highlighted the advantages of this program, including the ability to gain diverse skill sets and a competitive edge in the job market. The VC's remarks inspired students to consider this unique educational pathway as they prepare for their future endeavors, ultimately underscoring the institution's commitment to fostering academic excellence and personal growth.



ATTENDANCE REPORT

Sl. no	Admsn.no.	NAME	Day 1 08.07.24	Day 2 09.07.24	Day 3 10.07.24	Day 4 11.07.24	Day 5 12.07.24	Day 6 15.07.24	Day 7 16.07.24	Day 8 17.07.24	Day 9 18.07.24	Day 10 19.07.24	Day 11 22.07.24
1	122024001	V.LAVANYA	A	A	A	/	/	/	/	/	/	/	/
2	122024002	ABINASH K	/	/	/	A	A	/	/	/		/	/
3	122024003	M. DHARSHINI KOTESWARI	/	/	/	/	/	/	/	/	/	/	/
4	122024004	MOHAMED SHAFEER	/	/	/	/	/	/	/	/	A	/	/
5	122024005	S.KALAIPRIYAN	/	/	/	/	/	/	/	/	A	/	/
6	122024006	J.BHAGAVATH RAJ	A	A	/	A	A	/	/	/	/	/	/
7	122024007	GURUPRIYA. A	/	/	/	/	/	/	/	/	/	/	/
8	122024008	SRIBARAN N	/	/	/	/	/	/	/	/	/	/	/
9	122024009	MOHAMED ABDUL HAQ J	/	/	/	/	/	/	/	/	/	/	/
10	122024010	JONCY PRISHKILLA	A	A	A	A	A	/	/	/	/	/	/
11	122024011	SHIFANA BEGEAM.M	/	/	/	/	A	/	/	/	A	/	/
12	122024012	M.PRAVEEN KUMAR	/	/	/	/	/	/	/	/	/	/	/
13	122024013	S.RAHUL	/	A	/	/	/	A	/	/	/	/	/
14	122024014	U. MITHRA	/	/	/	/	/	/	/	/	/	/	/
15	122024015	ARUN BALAJI. S	/	/	/	/	/	A	/	/	/	/	/
16	122024016	J K HARRIESH	A	A	A	A	A	A	A	A	A	A	A
17	122024017	MAGIRACHAN	/	A	A	A	/	/	/	/	/	/	/
18	122024018	KABILAN. S	/	/	/	/	/	/	/	/	/	/	/
19	122024019	R . ABIRAMI	/	/	/	/	/	/	/	/	/	/	/
20	122024020	A.N.ASIKA	/	/	/	/	/	/	/	/	/	/	/
21	122024021	SANDHIYA G	/	/	/	/	/	/	/	/	/	/	/

22	122024022	HARIKUMARAN T	A	A	A	A	A	/	/	/	/	/	/
23	122024024	K.VIJAY	/	/	/	/	A	A	/	/	/	/	/
24	122024025	M.FAZILA	/	/	/	/	/	/	/	/	A	A	/
25	122024026	MOHAMED RANAS.K.M	/	/	/	/	/	/	/	/	/	/	/
26	122024027	MOHAMAD FASITH H	/	/	/	/	/	/	/	/	/	/	/
27	122024028	BHUVANESHWARI. K	A	A	A	A	A	A	A	A	A	A	A
28	122024029	SANTHOSHKUMAR B	/	/	/	/	/	/	/	/	/	/	/
29	122024030	R.KISHORE	/	/	/	/	/	/	/	/	/	/	/
30	122024031	R.DHARSINI	/	/	/	/	/	/	/	/	/	/	/
31	122024032	J.RENICA SARA	/	/	/	/	/	/	/	/	/	/	/
32	122024033	GOVINDHARAJ E	/	/	/	/	/	/	/	/	/	/	/
33	122024034	BALAMURUGAN S	/	/	/	/	A	A	/	/	/	/	/
34	122024035	SUHAINA S	/	/	/	/	/	/	/	/	A	A	/
35	122024036	SHRI VISHNU PRIYAN. D	/	/	/	/	/	/	/	/	A	/	/
36	122024037	MOHAMED ASLAM. M	/	/	/	/	/	/	/	/	/	/	/
37	122024038	SRIRAM S	/	/	/	/	/	/	/	/	/	/	/
38	122024039	AFSAR FARVIS S	/	/	/	/	/	/	/	/	/	/	/
39	122024040	MOHAMED JAFIR.J	/	/	/	/	A	/	/	/	/	/	/
40	122024041	R SUBBIN	/	/	/	/	/	/	/	/	/	/	/
41	122024042	S.VIJAYAN	/	/	/	/	/	/	/	/	/	/	/
42	122024043	NISHANTHINI. M	A	/	/	/	/	/	/	/	/	/	/
43	122024044	KEERTHANA.S	/	/	/	/	/	/	/	/	/	/	/
44	122024045	DEIVASRI K S	/	/	/	/	/	/	/	/	/	/	/
45	122024046	SANJAY. S	/	/	/	/	/	/	/	/	/	/	/

46	122024047	MOHAMED SHAFIQ.A	/	/	/	/	/	/	/	/	/	/	/
47	122024048	VANMUGILB	A	A	A	/	/	/	/	/	/	/	/
48	122024049	MONISHA A	A	/	/	/	/	/	/	/	/	/	/
49	122024051	JOHNRICE. P	/	/	/	/	/	/	/	/	/	/	/
50	122024052	Abishek Simman S	/	/	/	/	/	/	/	/	/	/	/
51	122024053	Amutha Kaviya	/	/	/	/	/	/	/	/	/	/	/
52	122024054	R.Harish				/	/	/	/	/	/	/	/
53		Jayaseelan								/	/	/	/
		NO. PRESENT	42	42	44	45	42	46	50	51	44	49	51
		NO. ABSENT	8	8	6	7	10	6	2	2	8	4	2
		TOTAL	51	51	51	52	52	52	52	53	53	53	53

		NAME	Day 12 23.07.24	Day 13 24.07.24	Day 14 25.07.24	Day 15 26.07.24	Day 16 1.8.24	Day 17 2.08.24	Day 18 5.8.24	Day 19 6.8.24	Day 20 7.8.24	Day 21 8.8.24
1	122024001	V.LAVANYA	/	/	/	/	/	/	/	/	/	/
2	122024002	ABINASH K	/	/	/	/	/	/	/	/	/	/
3	122024003	M. DHARSHINI KOTESWARI	/	/	/	/	/	/	/	/	/	/
4	122024004	MOHAMED SHAFEER	/	/	/	/	/	/	/	/	/	/
5	122024005	S.KALAIPRIYAN	/	/	/	/	/	/	/	/	/	/
6	122024006	J.BHAGAVATH RAJ	/	/	/	/	/	/	/	/	/	/
7	122024007	GURUPRIYA. A	/	/	/	/	/	/	/	/	/	/
8	122024008	SRIBARAN N	/	/	/	/	/	/	/	/	/	/
9	122024009	MOHAMED ABDUL HAQ J	/	/	/	/	/	/	/	/	/	/
10	122024010	JONCY PRISHKILLA	/	/	/	/	/	/	/	/	/	/
11	122024011	SHIFANA BEGEAM.M	/	/	/	/	/	/	/	/	/	/

12	122024012	M.PRAVEEN KUMAR	/	/	/	/	/	/	/	/	/	/
13	122024013	S.RAHUL	/	/	/	/	/	/	/	/	/	/
14	122024014	U. MITHRA	/	/	/	/	/	/	/	/	/	/
15	122024015	ARUN BALAJI. S	/	/	/	/	/	/	/	/	/	/
16	122024016	J K HARRIESH	A	A	A	A	A	A	A	A	A	A
17	122024017	MAGIRACHAN	/	/	/	/	/	/	/	/	/	/
18	122024018	KABILAN. S	/	/	/	/	/	/	/	/	/	/
19	122024019	R . ABIRAMI	/	/	/	/	/	/	/	/	/	/
20	122024020	A.N.ASIKA	/	/	/	/	/	/	/	/	/	/
21	122024021	SANDHIYA G	/	/	/	/	/	/	/	/	/	/
22	122024022	HARIKUMARAN T	/	/	/	/	/	/	/	/	/	/
23	122024024	K.VIJAY	/	/	/	/	/	/	/	/	/	/
24	122024025	M.FAZILA	/	/	/	/	/	/	/	/	/	/
25	122024026	MOHAMED RANAS.K.M	/	/	/	/	/	/	/	/	/	/
26	122024027	MOHAMAD FASITH H	/	/	/	/	/	/	/	/	/	/
27	122024028	BHUVANESHWARI. K	A	A	A	A	A	A	A	/	/	/
28	122024029	SANTHOSHKUMAR B	/	/	/	/	/	/	/	/	/	/
29	122024030	R.KISHORE	/	/	/	/	/	/	/	/	/	/
30	122024031	R.DHARSINI	/	/	/	/	/	/	/	/	/	/
31	122024032	J.RENICA SARA	/	/	/	/	/	/	/	/	/	/
32	122024033	GOVINDHARAJ E	/	/	/	/	/	/	/	/	/	/
33	122024034	BALAMURUGAN S	/	/	/	/	/	/	/	/	/	/
34	122024035	SUHAINA S	/	/	/	/	/	/	/	/	/	/
35	122024036	SHRI VISHNU PRIYAN. D	/	/	/	/	/	/	/	/	/	/

36	122024037	MOHAMED ASLAM. M	/	/	/	/	/	/	/	/	/	/
37	122024038	SRIRAM S	/	/	/	/	/	/	/	/	/	/
38	122024039	AFSAR FARVIS S	/	/	/	/	/	/	/	/	/	/
39	122024040	MOHAMED JAFIR.J	/	/	/	/	/	/	/	/	/	/
40	122024041	R SUBBIN	/	/	/	/	/	/	/	/	/	/
41	122024042	S.VIJAYAN	/	/	/	/	/	/	/	/	/	/
42	122024043	NISHANTHINI. M	/	/	/	/	/	/	/	/	/	/
43	122024044	KEERTHANA.S	/	/	/	/	/	/	/	/	/	/
44	122024045	DEIVASRI K S	/	/	/	/	/	/	/	/	/	/
45	122024046	SANJAY. S	/	/	/	/	/	/	/	/	/	/
46	122024047	MOHAMED SHAFIQ.A	/	/	/	/	/	/	/	/	/	/
47	122024048	VANMUGILB	/	/	/	/	/	/	/	/	/	/
48	122024049	MONISHA A	/	/	/	/	/	/	/	/	/	/
49	122024051	JOHNRICE. P	/	/	/	/	/	/	/	/	/	/
50	122024052	ABISHEK SIMMAN S	/	/	/	/	/	/	/	/	/	/
51	122024053	AMUTHA KAVIYA	/	/	/	/	/	/	/	/	/	/
52	122024054	R.HARISH	/	/	/	/	/	/	/	/	/	/
53		JAYASEELAN	/	/	/	/	/	/	/	/	/	/
		NO. PRESENT	51	51	51	51	51	51	51	52	52	52
		NO. ABSENT	2	2	2	2	2	2	2	1	1	1
		TOTAL	53	53	53	53	53	53	53	53	53	53

Feedback sample:

7. Pre and Post Test Result

		NAME	PRE-TEST	POST-TEST
1	122024001	V.LAVANYA	19	31
2	122024002	ABINASH K	10	21
3	122024003	M. DHARSHINI KOTESWARI	21	36
4	122024004	MOHAMED SHAFEER	19	32
5	122024005	S.KALAI PRIYAN	20	33
6	122024006	J.BHAGAVATH RAJ	24	35
7	122024007	GURUPRIYA. A	19	31
8	122024008	SRIBARAN N	10	21
9	122024009	MOHAMED ABDUL HAQ J	21	36
10	122024010	JONCY PRISHKILLA	19	32
11	122024011	SHIFANA BEGEAM.M	20	33
12	122024012	M.PRAVEEN KUMAR	24	35
13	122024013	S.RAHUL	A	35
14	122024014	U. MITHRA	23	35
15	122024015	ARUN BALAJI. S	A	23
16	122024016	J K HARRIESH	A	A
17	122024017	MAGIRACHAN	19	31
18	122024018	KABILAN. S	10	21
19	122024019	R . ABIRAMI	21	36
20	122024020	A.N.ASIKA	19	32
21	122024021	SANDHIYA G	20	33
22	122024022	HARIKUMARAN T	24	35
23	122024024	K.VIJAY	A	23
24	122024025	M.FAZILA	19	32
25	122024026	MOHAMED RANAS.K.M	20	33
26	122024027	MOHAMAD FASITH H	24	35
27	122024028	BHUVANESHWARI. K	A	33
28	122024029	SANTHOSHKUMAR B	10	21
29	122024030	R.KISHORE	21	36
30	122024031	R.DHARSINI	19	32
31	122024032	J.RENICA SARA	20	33
32	122024033	GOVINDHARAJ E	24	35
33	122024034	BALAMURUGAN S	A	21
34	122024035	SUHAINA S	19	31
35	122024036	SHRI VISHNU PRIYAN. D	10	21
36	122024037	MOHAMED ASLAM. M	21	36
37	122024038	SRIRAM S	19	32
38	122024039	AFSAR FARVIS S	19	32
39	122024040	MOHAMED JAFIR.J	20	33
40	122024041	R SUBBIN	24	35

41	122024042	S.VIJAYAN	19	32
42	122024043	NISHANTHINI. M	20	33
43	122024044	KEERTHANA.S	19	32
44	122024045	DEIVASRI K S	19	32
45	122024046	SANJAY. S	20	33
46	122024047	MOHAMED SHAFIQ.A	24	35
47	122024048	VANMUGILB	19	32
48	122024049	MONISHA A	20	33
49	122024051	JOHNRICE. P	19	32
50	122024052	ABISHEK SIMMAN S	19	32
51	122024053	AMUTHA KAVIYA	20	33
52	122024054	R.HARISH	24	35
53		JAYASEELAN	A	23

Analysis

1. Feedback has been collected from the students about the SIP classes.
2. The performance of the students were analyzed by Pre-test and Post- Test
3. Through the Feedback it is evident that students have learned all the required basics
4. Students have developed self – confidence through this SIP, which seems to helps the students to start the college life with less stress.
5. By continuous monitoring and training, the students can be shaped further to bring the best out of them.

Conclusion

Students of the Department COMPUTER SCIENCE AND ENGINEERING have attended “Student Induction Programme” and it was conducted from 08.07.24 TO 08.08.24. The Programme was framed to cover various topics such as Universal Human Values, Proficiency Modules, Mathematics, Mental health, Lectures by Eminent Personalities, Motivational Talks and Sports and Health care related activities. At the end of the SIP feedback was collected and Post-test was conducted.