



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
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Academic Year 2024-25

Student Induction Programme
Report Department of **CSE** -
SECTION E

SIP COORDINATOR
Ms.U.ELAMATHI

Date

HoD/CSE

Dr.R.POONGUZHALI

Date

Dean (FET)

Dr.M.SHARMILA BEGUM

Date

Dean (L&D)

Dr.J.JEYACHIDRA

Date

Periyar Nagar, Vallam, Thanjavur-613 403, Tamil Nadu, India.

Phone +91- 436264600,

Fax+91-4362 264660

E mail - headcse@pmu.edu,

Webwww.pmu.edu

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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. S. Gomathi. AP/CSE

1. Student Details

S. No.	Register Number	Name
1	292024001	V.DEVADHARSHINI
2	292024002	P. THEJASRI
3	292024004	S.ARSHAD SHERIF
4	292024005	SURUTHI J
5	292024007	SARANGARAJAN P
6	292024009	A. PRIYAN
7	292024010	J.ASIFAHAMED
8	292024011	S.SHANMUGAPRIYA
9	292024012	SANTHINI
10	292024013	KISHORE K
11	292024014	N. KARTHIKA
12	292024015	GURURATHINAM
13	292024016	APARNA. P
14	292024019	A. NIVETHA
15	292024021	SARAVANA KUMAR.S
16	292024023	VISHNUSRI.D
17	292024024	U.ELAKKIYA
18	292024025	SAMYUKTHA V
19	292024026	S.DEEPIKA
20	292024027	S. KAVIYANCHALI
21	292024029	H.MINHA
22	292024031	HASHITHA. A. K
23	292024032	JAGAPRIYA. U
24	292024033	M.ADHIDHILIP
25	292024034	R.PREETHIKA
26	292024036	D.RAGAVI
27	292024037	M.JAYASRI
28	292024039	R. K. RAGHAV
29	292024041	AJAY KUMAR K
30	292024043	PADMAKAMALA. V
31	292024044	ABINAYA.M
32	292024046	PRAVEEN .R
33	292024048	ESTHER SHARAN .E

34	292024049	KALAMUL HAKKIM .A
35	292024050	R. THAYANITHI
36	292024051	A.POOPESH
37	292024052	MOHAMED RAYAS KHAN.H
38	292024053	SATHIYABAMA
39	292024054	SATHIYABANU M
40	292024055	DHIVYA SRI G
41	292024056	ARUNKUMAR B
42	292024057	KANISHKA. B
43	292024060	ARIVAN.H
44	292024061	SYED FATHIMA K
45	292024065	P.RAJASEKAR
46	292024063	S.LOKKUJAI
47	292024066	G.R. VIJAYADHARSHINI
48		P.G.RITHIKA
49		MARIYAM SAFFRIN
50		JONCY PRISKILLA
51		KUMARAVEL
52		S.SIRIN
53		MOHAMED THAWFIQ

DEEKSHARAMB
Student Induction Programme
Department of Computer Science and
Engineering

CSE E
I Year B.Tech CSE Regular
Co-ordinator : U.Elamathi

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		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			

	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

<p align="center">DAY 8 17.07.2024 WEDNESDAY</p>	<p align="center">Creative Arts Venue: Nagammaiyyar Block</p>	<p align="center">Creative Arts Venue: Nagammaiyar Block</p>		<p align="center">Universal Human Values (Impact of Drug Addiction) Venue: Indoor Stadium</p>	<p align="center">Universal Human Values (Impact of Drug Addiction) Venue: Indoor Stadium</p>		<p align="center">Physical Activity (Sports & Games) Dr.D.Ramesh Director Physical Education. Venue :Play Ground</p>	<p align="center">Physic al Activit y (Sport s & Games) Dr.D. Rames h Direct or Physic al Educat ion. Venue :Play Groun d</p>
<p align="center">DAY 9 18.07.2024 THURSDAY</p>	<p align="center">Local Visit</p>			<p align="center">Local Visit</p>			<p align="center">Creative Arts Venue: Le Corbusier Hall</p>	<p align="center">Creati ve Arts Venue : Le Corbu sier Hall</p>
<p align="center">DAY 10 19.07.2024 FRIDAY</p>	<p align="center">Introduction to Outcome Based Education Dr.J.Jeyachidra, Dean Academic- Teaching Learning & Evaluation Venue: Indoor Stadium</p>	<p align="center">Examination & Evaluation System Dr.S.Arumugam, Deputy COE, Venue: Indoor Stadium</p>		<p align="center">Physical Activity (First Aid) Venue :Indoor Stadium</p>	<p align="center">Physical Activity (First Aid) Venue :Indoor Stadium</p>		<p align="center">Creative Arts Venue: Le Corbusier Hall</p>	<p align="center">Creati ve Arts Venue : Le Corbu sier Hall</p>

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

								h Direct or Physic al Educat ion. Venue :Play Groun d
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	Valedi ctory Funci on Venue : Classr oom

DATE	1	2	3	4		5	6	7
	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.

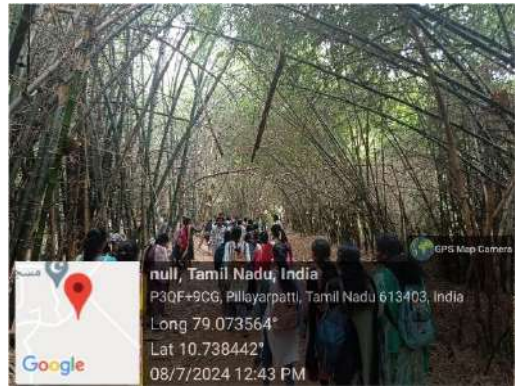
Students shared personal interests and academic goals.
Ice-breaker activities boosted confidence and camaraderie.



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.



Campus Tour Visit to Biomethanation Plant, Bamboo Forest, TBI



DAY 2

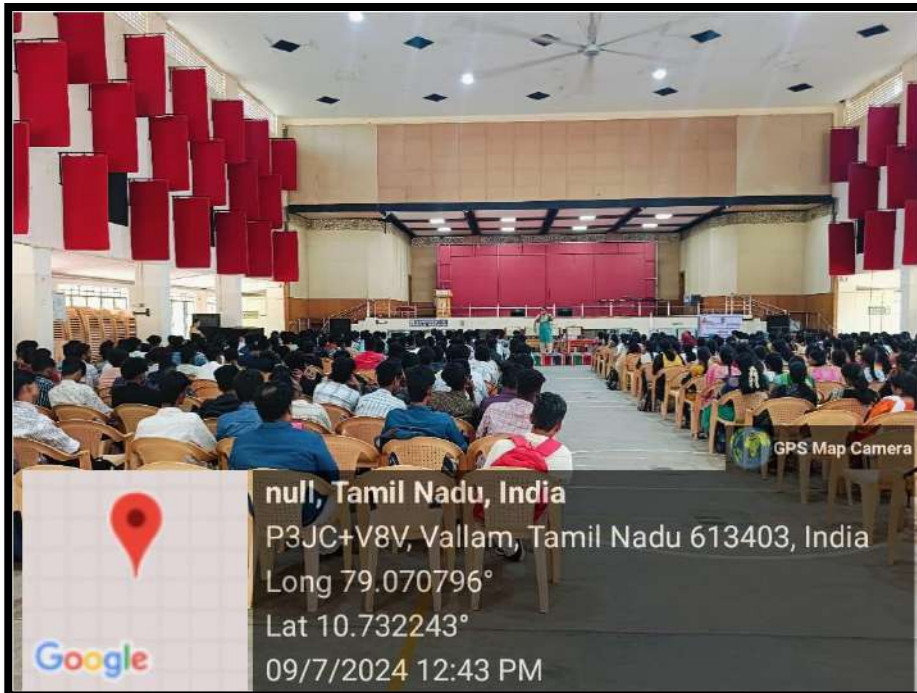
The Creative Arts event, held in the Nagammaiyar Block, brought students together to showcase their talents across various art forms, including paper cutting. This creative activity allowed participants to express themselves artistically, highlighting the intricacy and precision of paper-cutting techniques.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



The Student Induction Program featured an insightful session on *Universal Human Values*, led by Dr. Vijayshankar Ashokan, Managing Director of Mullai Academia International Private Limited, Chennai. Dr. Ashokan spoke about the importance of human values in higher education and how they play a critical role in shaping character, ethics, and empathy in students. He also highlighted opportunities for international scholarships, encouraging students to pursue global education with a strong foundation in universal values. The session was well-received, offering valuable guidance on achieving both personal and academic growth in a globally connected world.

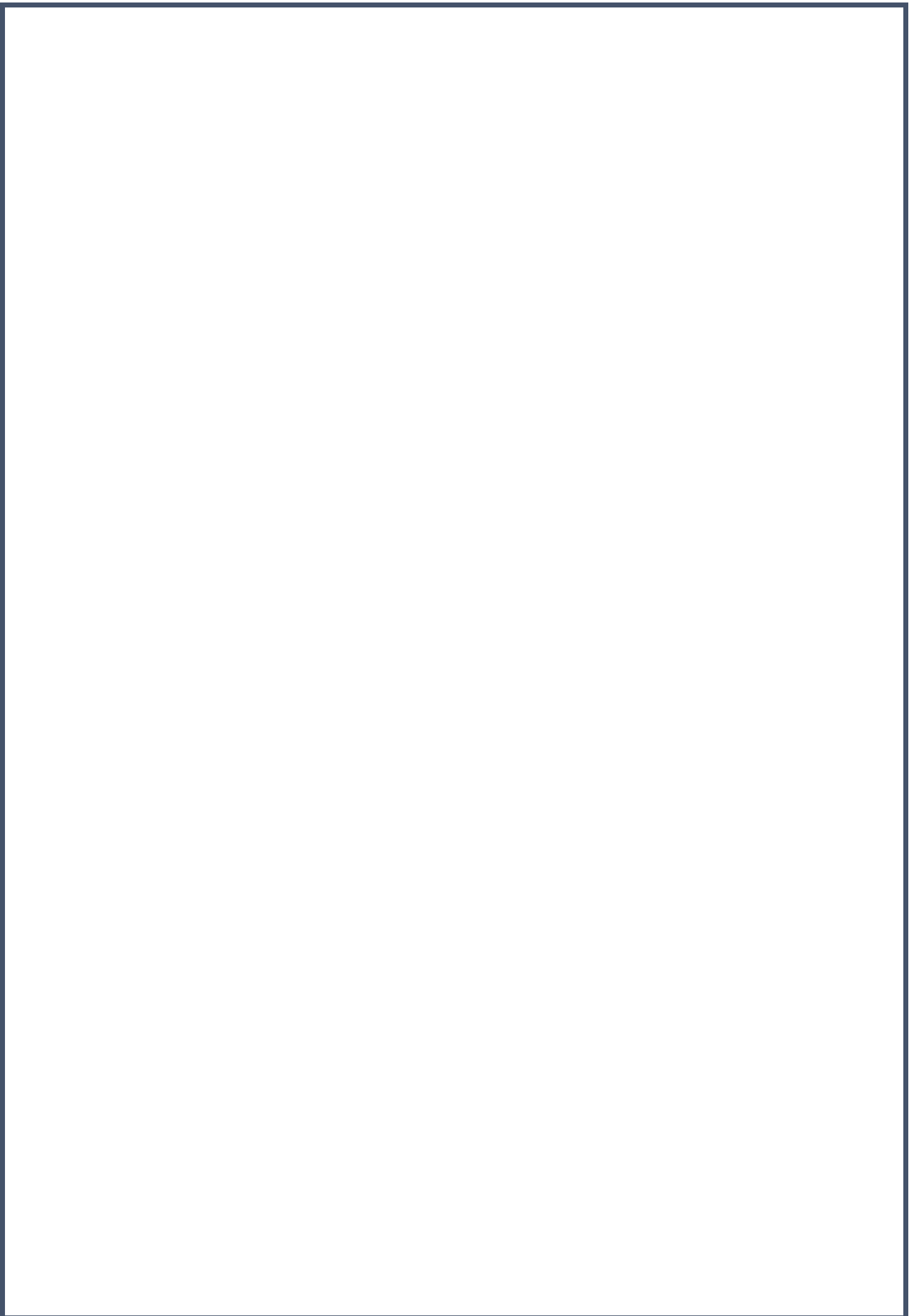


DAY4

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.



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 STEM park in Thanjavur.



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

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UNIVERSITY OF SCIENCE & TECHNOLOGY
VALLAM, INDIA
WWW.PMUNIVERSITY.ac.in

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

Convener
Dr.K.Gestha, Ph.D,
Head, Department of Biotechnology

Coordinators
Dr.C.Arnn, 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.

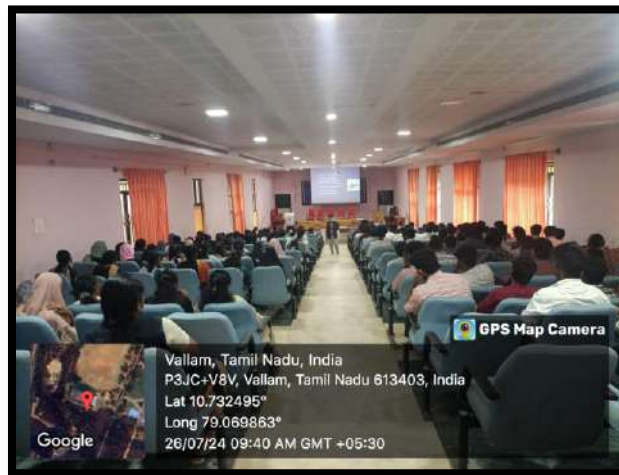
Through engaging discussions and real-world examples, Dr. Saravanan encouraged students to reflect on their responsibilities towards their communities and the importance of active citizenship. The session provided valuable insights into how understanding societal dynamics can inspire meaningful contributions, 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.



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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.



1.Pre and Post Test Result

S. No	Register Number	Name	PRE - TEST	POST-TEST
1	292024001	V.DEVADHARSHINI	16	21
2	292024002	P. THEJASRI	19	31
3	292024004	S.ARSHAD SHERIF	10	21
4	292024005	SURUTHI J	21	36
5	292024007	SARANGARAJAN P	19	32
6	292024009	A. PRIYAN	20	33
7	292024010	J.ASIFAHAMED	A	A
8	292024011	S.SHANMUGAPRIYA	19	23
9	292024012	SANTHINI	13	21
10	292024013	KISHORE K	16	25
11	292024014	N. KARTHIKA	26	37
12	292024015	GURURATHINAM	13	22
13	292024016	APARNA. P	19	28
14	292024019	A. NIVETHA	16	21
15	292024021	SARAVANA KUMAR.S	15	23
16	292024023	VISHNUSRI.D	17	23
17	292024024	U.ELAKKIYA	16	21
18	292024025	SAMYUKTHA V	A	A
19	292024026	S.DEEPIKA	21	31
20	292024027	S. KAVIYANCHALI	16	28
21	292024029	H.MINHA	20	31
22	292024031	HASHITHA. A. K	18	29
23	292024032	JAGAPRIYA. U	14	23
24	292024033	M.ADHIDHILIP	19	24
25	292024034	R.PREETHIKA	11	22
26	292024036	D.RAGAVI	A	A
27	292024037	M.JAYASRI	21	23
28	292024039	R. K. RAGHAV	23	33
29	292024041	AJAY KUMAR K	09	18
30	292024043	PADMAKAMALA. V	19	26
31	292024044	ABINAYA.M	17	24
32	292024046	PRAVEEN .R	17	33
33	292024048	ESTHER SHARAN .E	08	21
34	292024049	KALAMUL HAKKIM .A	16	21
35	292024050	R. THAYANITHI	21	31
36	292024051	A.POOPESH	25	21

37	292024052	MOHAMEDRAYAS KHAN.H	22	29
38	292024053	SATHIYABAMA	12	21
39	292024054	SATHIYABANU M	25	23
40	292024055	DHIVYA SRI G	19	29
41	292024056	ARUNKUMAR B	18	23
42	292024057	KANISHKA. B	17	22
43	292024060	ARIVAN.H	19	27
44	292024061	SYED FATHIMA K	A	A
45	292024065	P.RAJASEKAR	16	21
46	292024063	S.LOKKUJAI	19	23
47	292024066	G.R.VIJAYADHARSHINI	18	27
48		P.G.RITHIKA	22	21
49		MARIYAM SAFFRIN	19	23
50		JONCY PRISKILLA	23	28
51		KUMARAVEL	23	22
52		S.SIRIN	15	29
53		MOHAMED THAWFIQ	12	27

8	292024 011	S.SHANMUGAP RIYA	P	p	p	p	p	p	p	P	p	p	p	p	p	P	P
9	292024 012	SANTHINI	P	p	p	p	p	A	p	A	p	p	p	p	p	P	P
10	292024 013	KISHORE K	P	p	p	p	p	p	p	P	p	A	p	A	p	P	P
11	292024 014	N. KARTHIKA	A	A	p	p	p	p	p	P	p	p	p	p	p	P	P
12	292024 015	GURURATHINA M	P	p	p	p	p	p	p	A	p	p	p	p	p	P	A
13	292024 016	APARNA. P	P	p	p	p	P	p	p	A	p	p	p	p	p	P	P
14	292024 019	A. NIVETHA	P	p	p	p	P	p	A	P	p	A	p	p	p	P	P
15	292024 021	SARAVANA KUMAR.S	P	p	p	p	p	p	P	A	p	p	p	p	p	A	A
16	292024 023	VISHNUSRI.D	P	p	p	p	p	p	p	A	p	p	p	p	p	A	A
17	292024 024	U.ELAKKIYA	P	p	p	p	p	p	p	A	p	p	p	p	p	P	/
18	292024 025	SAMYUKTHA V	A	A	A	A	A	p	p	A	p	p	p	p	A	A	A

19	292024 026	S.DEEPIKA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	P	A
20	292024 027	S. KAVIYANCHALI	P	p	p	p	p	p	p	P	P	p	p	A	p	P	P	
21	292024 029	H.MINHA	P	p	p	p	p	p	p	P	P	p	p	p	p	P	P	
22	292024 031	HASHITHA. A. K	P	p	p	p	p	p	p	A	p	p	p	P	p	P	P	
23	292024 032	JAGAPRIYA. U	P	p	p	p	p	p	p	P	p	p	p	p	p	P	P	
24	292024 033	M.ADHIDHILIP	P	p	p	p	p	p	p	P	p	p	p	A	p	P	P	
25	292024 034	R.PREETHIKA	P	p	p	p	p	p	p	A	p	p	p	P	p	P	P	
26	292024 036	D.RAGAVI	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
27	292024 037	M.JAYASRI	P	p	p	p	p	A	A	P	p	A	p	P	p	P	P	
28	292024 039	R. K. RAGHAV	P	p	p	p	p	p	p	A	A	p	p	p	p	P	P	
29	292024 041	AJAY KUMAR K	P	p	p	p	p	p	p	A	p	p	p	A	A	P	P	

30	292024 043	PADMAKAMAL A. V	P	p	p	p	p	p	p	p	A	p	p	p	p	p	P	P
31	292024 044	ABINAYA.M	P	p	p	p	p	p	p	p	P	p	p	p	A	A	P	P
32	292024 046	PRAVEEN .R	P	p	p	p	p	p	p	p	P	p	p	p	p	p	P	P
33	292024 048	ESTHER SHARAN .E	P	p	p	p	p	p	p	p	A	p	p	p	A	p	P	P
34	292024 049	KALAMUL HAKKIM .A	P	p	p	p	p	p	p	p	P	p	p	p	p	p	P	P
35	292024 050	R. THAYANITHI	P	p	p	p	p	p	p	p	P	p	p	p	p	p	P	P
36	292024 051	A.POOPESH	P	p	p	p	p	p	p	p	A	p	A	p	p	p	P	P
37	292024 052	MOHAMED RAYAS KHAN.H	A	A	p	p	A	A	p	A	p	p	p	A	p	P	A	
38	292024 053	SATHIYABAMA	P	p	p	p	p	p	p	p	A	p	p	p	p	p	P	A
39	292024 054	SATHIYABANU M	P	p	p	p	p	p	p	p	A	p	p	p	p	p	P	A
40	292024 055	DHIVYA SRI G	P	p	p	p	p	p	p	p	P	p	p	p	p	p	A	P

41	292024 056	ARUNKUMAR B	P	p	p	p	p	p	A	P	p	p	p	p	p	P	A
42	292024 057	KANISHKA. B	P	p	p	p	p	p	p	P	p	p	p	p	p	P	P
43	292024 060	ARIVAN.H	P	p	p	p	p	p	p	A	p	P	p	p	p	A	A
44	292024 061	SYED FATHIMA K	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
45	292024 065	P.RAJASEKAR	P	p	p	p	A	P	p	P	p	p	p	p	p	P	P
46	292024 063	S.LOKKUJAI	P	p	A	A	A	A	p	A	p	A	p	A	A	P	P
47	292024 066	G.R.VIJAYADHA RSHINI	P	p	p	p	p	p	p	A	p	P	p	p	p	P	P
48		P.G.RITHIKA							P	A	p	p	p	p	p	P	P
49		MARIYAM SAFFRIN							P	A	p	p	p	p	p	A	P
50		JONCY PRISKILLA						P	P	A	p	A	p	p	A	P	P
51		KUMARAVEL											P	p	p	P	P
52		S.SIRIN											P	p	p	P	

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.

