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Issue – 8

Mirror

Engineering for Society

CIT Sandwich Polytechnic College, Coimbatore - 641 014

About the Institution

CIT Sandwich Polytechnic College is one of the institutions run by V. Rangaswamy Naidu Educational Trust founded in 1955 by Late. Sri. V. Rangaswamy Naidu for the promotion of Technical Education and Industrial Training in Tamil Nadu. The polytechnic was started in the year 1961, and it is located near Civil Aerodrome, Coimbatore on the Avinashi Road. CIT Sandwich Polytechnic College is a Government-Aided Institution approved by AICTE.

Vision

The institution endeavours to inculcate students with technical skills, professional ethics and make them socially responsible citizens to cope with the current and upcoming technical challenges faced by our country.

Mission

The institution imparts quality education and training to empower the students with technical knowledge skills for employability and entrepreneurship with social responsibility.

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From the Chairman's Desk - Thiru. R. Santossh

"Education is the most powerful weapon which you can use to change the world." – Nelson Mandela
Technical education at the diploma level plays a crucial role in shaping a skilled workforce for a rapidly evolving industry. The new R2023 Curriculum is designed to bridge the gap between theoretical knowledge and practical application, ensuring that students are job-ready from day one. We have been tirelessly working together towards empowering our students with the knowledge, skills, and confidence to excel in their chosen fields.



From the Correspondent's Desk - Thiru. S. Rajiv Rangasami

"Tell me and I forget, teach me and I may remember, involve me and I learn." – Benjamin Franklin
Diploma education is the foundation of technical expertise, equipping students with hands-on skills that are vital for the industry. The new R2023 Curriculum emphasizes competency-based learning, aligning with global standards to produce highly skilled professionals. By integrating practical exposure, industry collaboration, and emerging technologies, we aim to enhance employability and entrepreneurship. It is our mission to create an ecosystem where learning is dynamic and future-ready.



From the Director Desk - Sri Vishnu Nischal Rajkumar

"The best way to predict the future is to create it." – Peter Drucker
Diploma-level technical education is key to building a skilled, future-ready workforce. The R2023 Curriculum focuses on practical learning, digital skills, and industry relevance, ensuring students are career-ready. By fostering innovation and hands-on experience, we aim to empower learners to meet real-world challenges with confidence and competence.



From the Principal's Desk - Dr. R. Renuga

"The future belongs to those who prepare for it today." – Malcolm X
Diploma-level technical education is a cornerstone of industrial progress and economic development. With a strong emphasis on practical learning, emerging technologies, and hands-on experience, we aim to produce a workforce that is technically proficient and globally competitive. As an institution, our mission is to nurture talent, instill a problem-solving mindset, and prepare students for the evolving demands of the professional world. Together, let us build a future where knowledge meets skill, and education leads to excellence.

Department Activities

Mechanical Engineering (Sandwich)

DME (SWC) Department Association's Inaugural Function was conducted on 31-07-2024 at CITSPC Conference Hall for the academic year 2024-2025.

The inaugural function was graced by the Chief Guest, Thiru. T. Sundaram, Joint Managing Director, M/s Super Group of Companies, Coimbatore. He delivered a motivational speech and gave valuable suggestions while speaking on "Whether to be an Employer or an Employee."



NON-TECHNICAL QUIZ PROGRAM

A non-technical quiz program was conducted by the department for the benefit of the students. The students actively took part in it and won prizes.

TECHNICAL SEMINAR PRESENTATION

The technical seminar was an essential part of the department's association activities. The student event coordinator assigned topics to all students one week in advance, typically related to the curriculum. Each student presented on the topic assigned in front of his tutor and/or senior tutor. This event helped our students develop their communication skills and gain knowledge beyond the usual sources. Finally, the event coordinator announced the top three best performers.



MENTORSHIP MEETING

Senior students came to our institute last week to receive certificates from the exam section. They met with the HODs, other faculty members, and their junior students. These students have been placed at Cameron Company with starting salaries that set the highest salary scale in the placement history of our department. They provided some important guidelines to our juniors, such as how to effectively utilize class and lab hours, the importance of mastering the basic fundamentals of every subject, the challenges of getting a job compared to engineering students, and the working environment at their company, etc.

Mechanical Engineering (Full Time)

The Mechanical Engineering Association was inaugurated for the academic year 2024-2025 on 19-07-2024. Dr. Pramila Krishnan, Professor and Head, Department of English, PSGiTech, Coimbatore inaugurated the event. She enlightened the students with a pep talk on interpersonal skills development and its importance.

A Technical Presentation event was conducted on 17-07-2024 for III Year DME students. Students displayed their presentation skills.

On behalf of the Mechanical Engineering Association, "Independence Day" was celebrated on 14-08-2024 by the Department of Mechanical Engineering. Faculty of Mechanical Engineering department addressed on the people that worked towards the independence of our country. knowledge and immense interest during their presentation.

An invited lecture on CNC Coding was delivered by Mr. J. Mohamad, Head, DMW CNC Centre, Coimbatore on 23-01-2025. III year DME students attended the lecture.



Seminar on "Team Building" was organized on 30-01-2025 at CITSPC campus. Dr. S. Thilaka, Assistant Professor, Dr. A.G. Sudha, Assistant Professor, and Dr. J. Deepa, Assistant Professor from the Department of Management Studies, Coimbatore Institute of Technology delivered lectures on Team Work and conducted Team Building Activities for DME students.



Instrumentation and Control Engineering

The Association of Instrumentation and Control Engineering for the academic year 2024-2025 was inaugurated on 08-02-2024. The Chief Guest of the inaugural function was Mr. Koteeskanna, Founder and Managing Director of Gayathri Techno Carts, Hosur.

The Chief Guest delivered a special address emphasizing the importance of skills required for instrumentation engineers and the evolving scope of in the future. He also shared his entrepreneurial journey and provided insights into building a successful career.

TECHNICAL QUIZ

"Knowledge is the light that guides through the darkest questions."

On 16-07-2024, the Department of Instrumentation and Control Engineering Association successfully conducted an Online Technical Quiz Activity through Google Forms. The aim of the quiz was to encourage students

CIRCUIT DESIGNING

"In every fault lies the key to innovation, and in every design, the path to mastery."

The Department of Instrumentation and Control Engineering organized a Circuit Designing and Debugging activity on 10-09-2024. This association activity focused on providing students with hands-on experience in circuit design, analysis, and troubleshooting. The event aimed to sharpen students' skills in both creating functional circuits and identifying issues in pre-built circuits to explore technical concepts in the field of Instrumentation and Control Engineering.



IDENTIFY ME (MONOACTING)

"In every gesture, a story unfolds; in every act, a character is born."

The Department of Instrumentation and Control Engineering organized an engaging association activity titled "Identify Me" (Mono Acting) on 16-09-2024. The purpose of the activity was to provide students with a creative platform where they could express themselves through acting while testing their ability to portray different characters using only gestures, facial expressions, and subtle cues.



Placement Activities

1. Resume Writing : 26-12-2024
2. Technical Test : 25-01-2025
3. Aptitude Test: 14-02-2025
4. Self-Introduction: 19-02-2025
5. Group Discussion: 06-03-2025

Computer Engineering



The Department Association's Inaugural function for academic year 2024 – 2025 was conducted on 18-07-2024. The Chief Guest of the function was Col Jacob G Podipara (Retd), Associate Professor, Coimbatore Institute of Technology. He spoke on the topic "Success Pathways for Careers and Studies." Both the second year and third year students attended the function.

A Technical Quiz competition was conducted on 09-08-2024. It helped the students to improve their technical knowledge. Both the second year and third year students participated and performed well.

A Paper Presentation event conducted on 20-08-2024. It helped the students to get rid of their stage fear and also helped improve their communication skills.

The Art of Web Design event was conducted on 13-09-2024. It helped develop the students' Creativity, Thinking and Teamwork.

The Innovation Challenges event was conducted on 17-02-2025. It helped with developing students' project ideas, new technology involved in the project, communication skills, and with presenting their innovative projects.



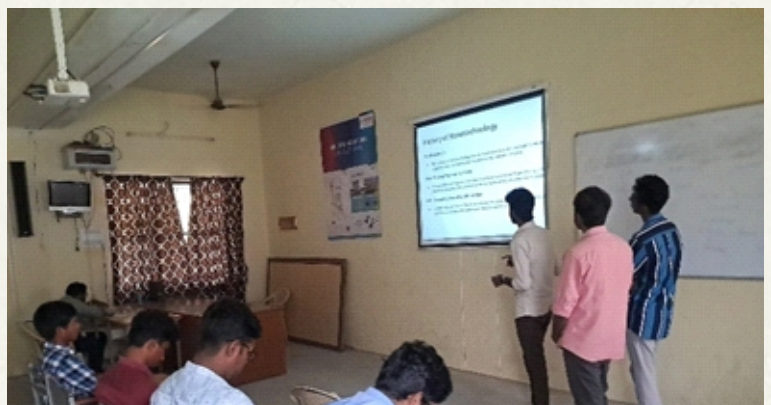
Chemical Engineering



The Inauguration function of the Chemical Engineering Association was conducted on 25-07-2024 at the Conference Hall of CITSPC. The Chief Guest, Dr. C. Raja, Assistant Professor, Department of Chemical Engineering, Mohamed Sathak Engineering College, Ramanathapuram shared his working experience in the Chemical Industry and provided knowledge about opportunities in the field of Chemical Engineering.

Events

- Creation of logo for DCHE 2024-2025 27-07-2024
- Involving chemical engineering in biomedical field – Powerpoint Presentation 10-08-2024
- Chemicalopedia - A Quiz 24-08-2024



Electronics and Communication Engineering

The Electronics and Communication Engineering Association was inaugurated on 06-08-2024 in the conference hall of CITSPC. Thiru. Uma Shankar, Chief Executive Officer, Aishwarya Enterprises, Coimbatore was invited to be our chief guest. He shared his successful career experience with the students. Students got a lot of ideas from him and they got inspired by his working experience of becoming an entrepreneur in Electronics Engineering. He mentioned about his work experience in China and said that he was 'inspired by the industries and the knowledge of power in China'. He made the students realize the importance of basics in Electronics to have a successful career in the industry.



LOGO DESIGN COMPETITION

The ECE Association conducted a competition for second and third year students "Logo design for ECE Association". 12 students participated in the event and from their logos the best features were extracted and used for creating the final logo.

TECHNICAL QUIZ EVENT (12-07-2024 & 13-07-2024)

A Technical Quiz was conducted for the III Year students on 12-07-24 and for the II year students it was conducted on 13-07-2024. The quiz was conducted online through Google Forms to refresh the students' subject knowledge.

CODE DEBUGGING ACTIVITY

A Code Debugging Activity for III Years was conducted on 26-07-2024 online through Google Form to test the knowledge of our students in 'C' language for a duration of one hour. The participants showed full cooperation throughout the event and completed the test successfully. The test was evaluated manually later and results were announced.

TREASURE HUNT

A Treasure Hunt event was conducted for the III Year students on 06-09-2024 between 3.00 pm and 4.30 pm. The event saw different teams following different paths with the clues given to reach the final destination.



PRESENTATION IN OUTCOME BASED EDUCATION

A presentation on Outcome-Based Education was given by Mr. A. Sakthivel, Lecturer/ECE for the III Year ECE students on 09-09-24 in the smart classroom. He explained about the importance of OBE compared to conventional education, Course Objectives, Course Outcomes, Program Outcomes and its Mapping, Program Educational Objectives and Program Specific Objectives and Calculation of SGPA and CGPA.

On 27-12-2024, the III year students organized a Mock Interview among themselves. One person acted as the HR with another playing the participant a conventional interview process was carried out.



On 03-01-2024, to overcome their stage fear students planned and conducted an event "One-Minute Talk on topics of their own choosing.

On 07-02-2024, Ms. Swathilakshmi.B, III Year ECE student gave a lecture on "Logical Reasoning" to her classmates.

Automobile Engineering

The Automobile Association of CIT Sandwich Polytechnic College was inaugurated on 19-07-2024. The association was established to provide a platform for students to engage in technical discussions, enhance their knowledge, and develop their problem-solving skills through various interactive sessions. A series of academic activities were planned and executed successfully throughout the academic year.



Technical Quiz

This quiz aimed to assess and enhance students' technical knowledge of automobile engineering concepts, including power train systems, vehicle dynamics, and emerging automotive technologies. Participants answered multiple-choice and scenario-based questions, testing their understanding of both theoretical principles and real-world applications.

GROUP DISCUSSION: 'Artificial Intelligence in Cars – Will It Work in the Indian Scenario?' (18-10-2024)

This session focussed on the feasibility of AI-integrated vehicles in India, considering aspects such as infrastructure challenges, adaptability, and safety concerns. Teams presented arguments on automation, smart traffic management, and legal implications, fostering critical thinking and communication skills among participants. After an engaging discussion, Team C emerged as the winner.

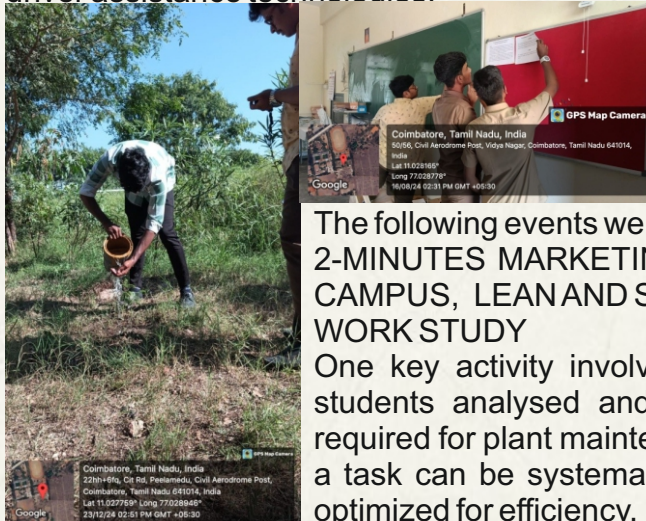
BRAINSTORMING SESSION: 'Which Vehicle Design Would Be the Safest in a Collision?' (30-01-2025)

Students analysed various automobile safety features, crash-test mechanisms, and structural designs in this interactive session. They explored aspects such as crumple zones, reinforced chassis designs, and advanced air bag deployment strategies. The session provided valuable insights into vehicle safety improvements.



TECHNICAL SEMINAR: 'Advanced Driver Assistance Systems (ADAS)' (08-02-2025)

This seminar covered key aspects of ADAS technology, including adaptive cruise control, lane departure warning systems, automatic emergency braking, and sensor-based vehicle automation. The seminar was well-received and provided attendees with in-depth knowledge of modern automotive safety and driver assistance technologies.



The following events were conducted for the association activities

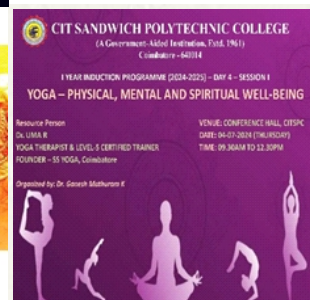
2-MINUTES MARKETING EVENT, MARKET SURVEY AND ANALYSIS IN CIT CAMPUS, LEAN AND SIX SIGMA INITIATIVES IN CLASSROOMS (16-08-2024) WORK STUDY

One key activity involved a work study on plant watering simulation, where students analysed and optimized the time, motion, and resource efficiency required for plant maintenance. This exercise provided practical insights into how a task can be systematically divided into different components, analysed, and optimized for efficiency.

Department of Science and Humanities

40-HOUR INDUCTION PROGRAM I FOR 1-YEARS ADMITTED IN 2024

CIT Sandwich Polytechnic's 40-Hour (5-day) Induction Program for the first-years. It was conducted between 01 and 05.07.2024 and featured expert talks on soft skills, value adoption, physical, mental, and spiritual well-being amongst others. Aiming to create familiarity and awareness, the sessions included campus tours, interactive activities, and insights into career opportunities. The program addressed the exam process, health preservation, placement strategies, and universal human values. Students actively participated in discussions with the resource persons and provided valuable feedback.



INAUGURATION OF SHA

The Science & Humanities Association (SHA) was formally inaugurated on August 16, 2024, at CIT Sandwich Polytechnic College. The event took place in the college's Conference Hall and saw a good turnout of students and faculty members.

The inauguration commenced at 3:30 PM with a welcome address by Ms. M. Bagyarani, HoD (i/c). This was followed by an introductory speech about the SHA, its objectives, and planned activities by a student representative.

The Chief Guest Dr. R. Prabakaran, Assistant Professor, Department of Mathematics, Coimbatore Institute of Technology, was then introduced. He delivered a lecture on the topic "Fueling Inner Drive." The talk was well-received by



TRASH TO TREASURE

To improve the creative transformation among first-year students, the competition "Trash to Treasure" was conducted on 20 August 2024. This embodied the idea of transforming discarded or unwanted items into something valuable, useful, and/or beautiful.

SPELL-BEE

A Spell-bee Competition was organised and conducted for first-year students on 15 October 2024. 25 students actively participated in the event. The event witnessed enthusiastic participation from students across various departments, showcasing their linguistic prowess and spelling skills.

INDUSTRY INSTITUTE PARTNERSHIP CELL



MOU - Visteon Technical and Services Centre Private Limited, Chennai on 26-09-2024



MOU - M/s. Naveenam Tech Private Limited, Coimbatore on 09-01-2025

MOU - M/s. Easy Design Systems Private Ltd., Coimbatore on 03-07-2024 & M/s. Gem Precision Tool (P) Ltd., Coimbatore on 09-01-2025

FIELD VISIT TO MSME COMPANIES

- M/S. Indoshell Private Ltd., SIDCO Private Industrial Estate, Malumachampatti, Coimbatore – 641021 on 21-08-2024 by III year / V Sem By III year / V Sem Chemical Engineering, Mechanical Engineering and Mechanical Engineering (Sandwich) students.
- Teslead Equipments Private Ltd., SIDCO Private Industrial Estate, Malumachampatti, Coimbatore – 641021 & Laven Technology Private Ltd., SIDCO Private Industrial Estate, Malumachampatti, Coimbatore – 641021 on 23-09-2024 by III year / V Sem Electronics and communication Engineering & Instrumentation and control Engineering students III year / V Sem Computer science and Automobile Engineering students.

FIELD VISIT TO INCUBATION CENTRE

- NGI Technology Business Incubator Center, Thirumalayampalayam on 21-08-2024 By III year / V Sem Chemical Engineering, Mechanical Engineering and Mechanical Engineering (Sandwich) students



- On 23-09-2024 by III year / V Sem Electronics and communication Engineering, Instrumentation and control Engineering, Computer science and Automobile Engineering students

Special lecture:

On “Role of District Industries Center (DIC) for the Society” on 01.09-2024 for third year ECE students by A. Sakthivel, IIPC Coordinator, CITSPC, Coimbatore.

Placement Particulars

S. No.	Name of the Recruiters	Place / Date of Recruitment	List of students Placed / Department	Designation / Salary Rs.
1	GTN Engineering India Ltd, Coimbatore	CIT Sandwich Polytechnic College, 31.07.2024	Mechanical Engineering (Sandwich)8	Trainee / CNC Technician Rs. 15000/ month
2	TVS Motor Company, Hosur	CIT Sandwich Polytechnic College, Virtual Mode 24.09.2024	Mechanical Engineering (Sandwich)3	Diploma Engineer Trainee Rs. 3.8 LPA

National Service Scheme (NSS)

S.NO	DATE	NAME OF THE EVENT
1	12-06-2024	Pledge on World Day against Child Labor
2	21-06-2024	International Yoga Day Celebration
3	06-07-2024	Community Initiatives – Emergency First Aid Training
4	29-07-2024	Ek Ped Maa Ke Naam – Planting Tree Saplings
5	12-08-2024	Drug Abuse Day - Pledge
6	15-08-2024	Independence Day Celebration
7	24-09-2024	Swachhata Hi Seva - Pledge
8	24-09-2024	NSS Day Celebration – Campus Cleaning
9	15-10-2024	Youth Awakening Day & World Students' Day
10	23-12-2024	Communal Harmony Week
11	13-01-2025	Pongal Day Celebration
12	25-01-2025	National Voters Day – Pledge
13	25-01-2025	Seminar on impact of Drug on Mental Health & Health Camp
14	26-01-2025	Republic Day Celebration
15	30-01-2025	Pledge on Untouchability
16	31-01-2025	National Road Safety – Human Chain & Rally

National Service Scheme (NSS)



YOUTH RED CROSS (YRC)

Eye awareness Camp was organized jointly by CIT Sandwich Polytechnic college and Sathyan Eye Care Hospital and Coimbatore Glaucoma Foundation in our institution on 18th Febraury 2025. The arrangements were coordinated by Dr.Nasrin M.S, Ophthalmologist and her Medical Team made all the necessary arrangements for conducting the eye camp.



SPORTS ACTIVITIES

Students participated in the following competitions in Inter-Polytechnic Athletic Association (IPAA– Men & Women)

·Cricket, Shuttle (Badminton), Volleyball, Basketball,Chess

Students participated in the sports and Athletic events at the District level CM Trophy 2024

ACHIEVEMENTS

1	100m Athletic	SNS 9th Junior Athletic Meet	(State Level) 1st place
2	200m Athletic	2nd place	
3	Carrom IPAA	4th place	

ARTS CLUB

S. No.	Sem	Date	Title of the Event	Theme / Topic	Winners	
1.	Odd	10-08-2024	Arigato Creations	Thank Your Country	I	Ms. Mahitha B, II DECE
					II	Mr. Jesinth Samy J, I DME
2.		24-08-2024	My Favourite Masterpiece	My Favourite Piece of Art	I	Ms. Mahitha B, II DECE
					II	Ms. Sarika R, II DECE
3.	Even	25-01-2025	Lines and Shadows	Open theme	I	Mr. Moni Suban S, I DICE
					II	Ms. Sarika R, II DECE
4.		07-03-2025	Art Exhibit	Women in 2035	I	Mr. Rithish S, I DICE
					II	Mr. Hirithic S P, I DICE & Ms. Malini, II DCE

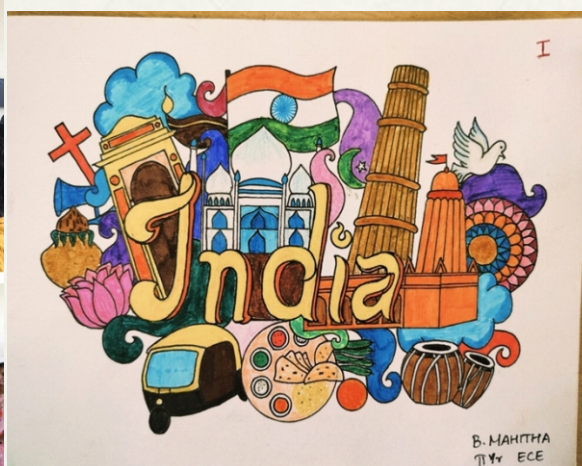


PHOTO CLUB

Photography Event 1 – Humanity was conducted on 19-08-2024. This event brought out the humanitarian side of the students. **Mr. Thennarasu TI DCE**



Photography Event 2 Water for All Beings was conducted on 24-09-2024. This event created awareness by having its thrust on how wasting water impacts the habitat **Aslam M DECE I**

SCIENCE CLUB



• SCIENCE PUZZLE SCIENCE & TECHNOLOGY -16-8-2024

WINNERS 1.LOGANAND PILLAI, I DME (SWC) & NAGARAJAN M, II DECE

2.PAVINESH D P, II DCE

• SCIENCE QUIZ 10-01-2025

WINNERS 1. PAVAN KUMAR D, II DECE

2. SURIYA S, II DCE

• PAPER PRESENTATION - THE IMPACT OF AI IN YOUR AREA 13-2-2025

WINNERS 1. NIRANJAN SHRI P V, III DCE

2. JANANI V G, I DME

FACULTY CLUB

The one day Staff development programme on "Stress Management" was held on 08.02.2025 in CITSPC Conference Hall. Mr.Christopher, Team@sportzville Foundation, was the convener of the programme. Mr. Christopher and his team conducted various stress Management events and team building events for all teaching and non teaching staffs.



WOMEN IN DEVELOPMENT

TOPIC	DATE	CHIEF GUEST	PARTICIPANTS
Assessment of any incidents of sexual harassment in the polytechnic campus	10-09-2024	THE PRINCIPAL, CITSPC, ICC MEMBERS	70
Assessment of any incidents of sexual harassment in the polytechnic campus	30-01-2025	THE PRINCIPAL, CITSPC, ICC MEMBERS	65

ENTREPRENEUR DEVELOPMENT CELL

The ENTREPRENEUR DEVELOPMENT CELL of CIT Sandwich Polytechnic College has successfully organised the event “FUNDING OPPORTUNITIES FOR SUCCESSFUL ENTREPRENEURSHIP” on 1st March 2025 at Conference Hall of CIT Sandwich Polytechnic College. Students from different departments participated in this programme. More than 100 students from various departments of CIT SPC were benefited through this event. The programme was successfully organised by the ED-CELL chief coordinator, Dr. Vasanthakumar V HOD/DAE CIT SPC, Co-Coordinator, Mr. Cibi Anthony J, Lecturer/DME, Co-Coordinator, Mr.Sakthivel A lecturer/DECE. Mr. Sakthivel A Lecturer/DECE was the resource person.

He explained about the funding opportunities available for entrepreneurs and about various schemes provided by the government for entrepreneurship.



NAAN MUDHALVAN COURSES

ACADEMIC YEAR 2024-2025 ODD SEMESTER

Mechanical Engineering (SWC), Mechanical Engineering, Automobile Engineering, Chemical Engineering

- I YEAR / I SEM - English Essential- Mrs.Nusrath Arifa, Hindu Step, Chennai
- II YEAR / III SEM Microsoft Digital Skills- Virtual Mode, TNSDC, Chennai
- III YEAR / V SEM Industry 4.0- Mrs.T.Nathiya, Tamil Nadu Smart and Advanced Manufacturing Centre, Chennai

Computer Engineering, Electronics and Communication Engineering, Instrumentation and Control Engineering

- I YEAR / I SEM - English Essential- Mrs.Nusrath Arifa, Hindu Step, Chennai
- II YEAR / III SEM Employability Skills - Virtual Mode, TNSDC, Chennai
- III YEAR / V SEM Internet of Things - Mr.S.Pragathish Skill Lync Chennai

V SEM - ECE - Printed Circuit Board Design - Mr.S.Vishnupriya Vi Microsystems Chennai

V SEM - DCE - Industrial Metaverse -Mr.P.Mohanraj, InGage Technologies, Chennai



INFINITUM' 25

The Department of Mechanical Engineering, CIT Sandwich Polytechnic College, Coimbatore, organized INFINITUM'25, a State Level Technical Symposium, on February 26, 2025, with the objective of promoting technical knowledge, innovation, and peer learning among diploma students across Tamil Nadu.

The event served as a dynamic platform for budding technocrats to exhibit their creativity, technical aptitude, and problem-solving skills. The symposium was inaugurated with traditional reverence through Tamizhthai Vazhthu and the lighting of the Kuththuvilakku.

The Welcome Address was delivered by Sri. V. Ramkumar, HoD (ICE), the Presidential Address by the Principal, Dr. R. Renuga, highlighted the importance of bridging academia and industry. The Chief Guest, Sri. D. Nithyanandam, Managing Director of Selvam Traders & OM Textiles, delivered an insightful speech on emerging trends in technical education, encouraging students to pursue innovation and lifelong learning.

A total of 150+ students from various polytechnic colleges participated in more than 10 events, including:

- Technical Paper Presentation on topics like Industry 5.0, Drone Technology, Fuel Cells, and Li-Fi.
 - Mind Maze – Technical Quiz, Mr. Mechanic – Machine Assembly, Error Epic – Code Debugging, and Code Rush – Webpage Design.
 - Ideathon – Problem Solving where students pitched creative solutions to real-world challenges.
 - Non-Technical Events such as 2 Min Marketer, Paper Rocket (Paper Wings), Fireless Cooking, Nail Art, and Mehendi Art added vibrancy and student engagement.
-
- The Valedictory Ceremony was held at 4:00 PM, where winners were honored with certificates, medals, and trophies. The Vote of Thanks was delivered by Dr. V. Vasanthakumar, Symposium Coordinator, expressing gratitude to the Chief Guest, Principal, faculty members, participants, sponsors, and student volunteers.
 - The event was a grand success, achieving its goals of knowledge-sharing, skill development, and networking. It created a lasting impression among the participants and strengthened academic-industry collaboration, setting a strong foundation for future symposiums.



Academic Performance of the students

BOARD EXAMINATIONS - OCTOBER 2025 (ODD SEM)

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Students Corner

REVOLUTIONARY SOLUTION FOR PREVENTING VEHICLE-ANIMAL COLLISIONS

Vehicle-animal collisions are a significant concern in regions with frequent wildlife crossings, posing risks to both driver safety and wildlife. Addressing this issue, the Infrared Animal Sensor with Softonic Wave Transmitter offers an innovative, eco-friendly solution to reduce such accidents. The system uses Passive Infrared Sensors (PIR) to detect heat from approaching animals and activates a Softonic Wave Transmitter, emitting non-harmful, low-frequency signals. These waves gently deter animals from moving toward roadways without causing stress or disrupting their natural behaviour. With its non-invasive design, this system minimizes interference with wildlife habitats, making it ideal for wildlife corridors, rural roads, and highways. Energy-efficient and practical, it ensures long-term operation in remote locations. This technology enhances road safety while promoting wildlife conservation, offering a scalable, cost-effective approach to minimizing vehicle-animal collisions. The Infrared Animal Sensor with Softonic Wave Transmitter is a game-changing innovation, paving the way for safer roads and a sustainable future. **PURUSOTHAMAN R & TEAM, III Year DAE**

Smart Temperature Control System for Safer and Energy-Efficient Vehicle Cabins

To enhance passenger safety and comfort in vehicles, a smart Arduino-based temperature control system has been developed by our students. Traditional car interiors often include chemical flame retardants in seat foams and materials to meet flammability standards. However, under high temperatures, these chemicals can release toxic fumes, posing health risks. This innovative project addresses the issue by using a DHT11 sensor to monitor real-time temperature and humidity levels inside the vehicle. When the temperature exceeds a set limit, the system automatically activates a blower fan through a 5V relay module connected to an Arduino Uno, ensuring a cooler and safer cabin environment. Designed as a cost-effective and energy-efficient alternative to traditional air conditioning systems, this solution is ideal for all types of vehicles. It minimizes energy consumption by operating the fan only when needed, thereby optimizing power usage while maintaining thermal comfort. Apart from enhancing passenger well-being, the system also helps protect interior materials from heat damage. This project stands out for its simplicity, affordability, and practical application in addressing real-world challenges through embedded systems and automation. -**R. ASWIN (A2202 & TEAM, III Year DAE**

NOT A STRAIGHT LINE

"The Sun in the moony sky,
When a mute poet sings bittersweet,
A dead bird starts its flight,
Cries a blind man seeing a corpse,
A deaf man hears the cry,
And asks the immobile knight to go,
The good traitor is a friend and a foe,
On the fate of cruel kindness,
Lost king's passion of icy fire,
He took his sword and shot the man,
The child with beard cried laughing,
The old man started hiking".

- **PAVANKUMAR D, II DECE**

MEMORABLE REUNION

Happiness radiates
through the air,
the stage
for a memorable
reunion.
Catching up with friends of old,
Though life's paths have taken us far and bold.
Our friendship remains, untouched by time,
A bond that still feels perfectly sublime.
Reconnecting brings joy beyond measure,
For they know our story, a priceless treasure.
Accepted as we are, flaws and all,
Their presence brings happiness, standing tall.

In laughter and warmth, we find our way,
In their company, we choose to stay.
Through every trial, near or far,
Friendship's light will always guide us far.

In memory of Radiant Roses reunited in August 2k24
A bond that live
Forevermore...

- **NITTHEAPRABAHA J, INSTRUCTOR, ENGLISH**

SARIKA 24406961 – II YEAR DECE



FACULTY IN-CHARGE

Dr. K. Ganesh Muthuram,
Lecturer/English, S&H

Sri. S. Dinesh Kumar
Lecturer/Automobile Engg.

Sri. G. Mounesh
Lecturer/Automobile Engg.

Sri. K.P. Suriya
Lecturer/Chemical Engg.

"Education is the most powerful weapon which you can use to change the world."

- **A.P.J. Abdul Kalam**