PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH

Quarterly Report - October to December 2024

Events Organized:

Academics:

Event Title	Project Exhibition for 2023-2027 Batch (II year) EEE Students
Date and Duration	28.10.2024, 3:30 to 5:30 pm
Department	EEE
Resource Person	Mr Shriram R, Techno Functional Consultant O9Solutions Management Pvt Ltd
Co-ordinators	Dr. M. Senthilkumar, AP (Sl. Grade) - EEE Dr. M. Sathiyanathan, Asso. Prof - EEE
No. of Participants	65 Students exhibited 17 projects

1. The project expo, organized by the Department of Electrical and Electronics Engineering (EEE) in association with the IE student chapter at PSG iTech (Power Electronics and Control and Instrumentation Lab), aimed to provide students with a platform to showcase their projects and enhance their practical skills.
2. The expo featured a wide range of mini projects spanning various domains within electrical and electronics engineering and showcased the creativity and ingenuity of the students.
3. Mr Shriram R, Techno Functional Consultant from O9Solutions Management Pvt Ltd., provided valuable insights and feedback to the students to enrich their learning experience. Senior students provided constructive feedback and encouraged the juniors to explore further innovations and refine their project execution. Dr.M.Senthilkumar and Dr.M.Sathiyanathan provided invaluable guidance and support in organizing the project expo, and ensured its smooth execution and success.
4. Teams of Mr Athelesh B, Mr Rakesh S, Mr Yaswanth Daran D, and Mr Siddarath S secured the top three places by showcasing their exceptional talent and innovative ideas. They received cash prizes in recognition of their outstanding achievements. All participants received participation certificates to acknowledge their hard work and dedication in contributing to the success of the project expo.

Students exhibiting their projects during Project Exhibition on 28th Oct 2024

Event title	First Principles of Thinking and Systems Thinking in the Age of AI
Event Category	Workshop
Date and Duration	29.11.2024
Department	CSE
Co-ordinators	Dr.S.Kalarani, Professor, CSE Mrs.S.S.Saranya, AP(Sr.Gr), CSE
Resource Person	Mr. Jayanth Bagare, Chief Development Architect at SAP Labs India
No. of Participants	180 students

1. Dr R Manimegalai, HoD, CSE welcomed the gathering.
2. Dr.S.Kalarani took the stage to formally introduce the distinguished Resource persons to the audience.
3. Mr. Jayanth Bagare's keynote session focused on problem-solving using first principles and systems thinking. The session provided insights into breaking down complex systems to their core components and rebuilding them from the ground up, allowing for innovative problem-solving approaches.
4. At the end of the session, Mr. Jayanth Bagare addressed the students' queries, offering additional insights into the application of first principles and systems thinking.
5. Ms.S.S.Saranya delivered the concluding speech, summarizing the key takeaways from the session. The session was a highly successful event, providing students with not only practical knowledge but also a deeper understanding of how to approach problem-solving in the age of artificial intelligence. It served as a valuable opportunity to bridge the gap between theoretical concepts and real-world industry practices.

Dr Jayanth Bagare addressing the students on "First Principles of Thinking and Systems Thinking in the Age of AI"

Research:

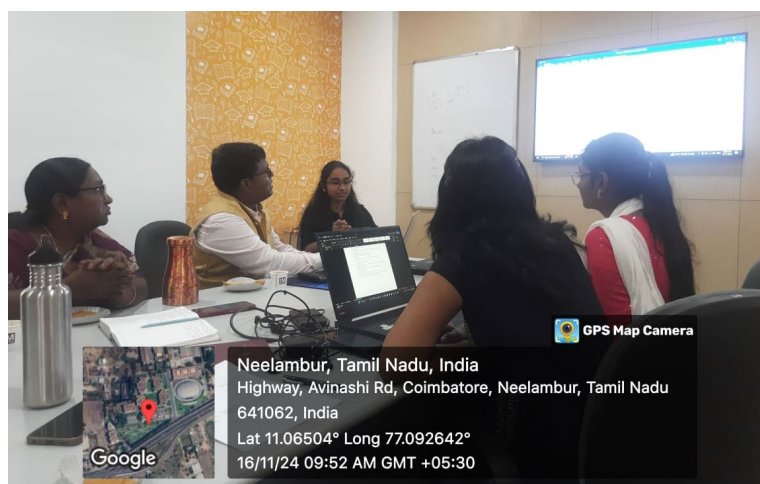| Event Title	Research Meeting
Date and Duration	21.10.2024
Department	Research and Development
Co-ordinator	Dr P Manojkumar, Lead (Research)
Experts	Prof. K. Baskaran (Pro Vice Chancellor / Associate Dean) Prof Nick Birbilis (Executive Dean, Faculty of Science Engineering and Built Environment), Deakin University, Australia
No. of Participants	8 members

1. Prof. K. Baskaran (Pro Vice Chancellor / Associate Dean) & Prof Nick Birbilis (Executive Dean, Faculty of Science Engineering and Built Environment) from Deakin University, Australia visited PSG iTech on 21st October 2024.
2. They interacted with the Head of the institutions of PSG iTech, PSGIAP and PSGIAS about the new collaborative opportunities between the institutions.
3. Discussions happened on the various undergraduate and post graduate programs that can be offered by the two institutions together.
4. Possibility of research collaborations was also discussed during the meeting.

The visit to "Hall of Fame" by the guests on 21st Oct 2024

Event Title	Patent review meeting for the final teams of Ideathon-2024
Event Category	IPR
Date	16.11.2024
Department	IPR Cell
Co-ordinators	Dr. M.I.Abdul Aleem & HoD (Civil) and Ms.V. Selvapriya, AP/Civil
Chief Guest/ Resource Person/ Keynote Speaker	Mr. J.E. Moshe Dayan, DIPR (Patent Law and Management), Govt. Certified Trainer for Mission, NIPAM
No. of Participants	50 students

1. Ms.V. Selvapriya, AP/Civil, welcomed the gathering.

2. Mr.Sanjay S, IV Civil, PSG iTech, introduced the chief guest.

3. The final teams of Ideathon-2024 presented their projects and discussed the various patent forms prepared by them to the guest, Mr. J.E. Moshe Dayan. They also raised a variety of questions regarding the process of writing patents. After review of the projects, the chief guest gave a detailed presentation about patent search and writing. He also discussed several forms and steps involved in the patent writing.

4. Mr. Gowtham R of IV Civil delivered the vote of thanks.

Mr. J.E. Moshe Dayan delivering the address during the meeting on 16th Nov 2024

Industry Institute Interaction:

Event Title	e-Yantra Innovation Challenge 2024
Event Category	Ideation Workshop
Date and Duration	7th October 2024 from 9:30 am to 6:30 pm
Department	EEE
Co-ordinators	Dr Sathiyanathan M, Associate Professor-EEE
Chief Guest/ Resource Person/ Keynote Speaker	Mr. Rohaan Goswami, COO & Global Strategy Head at Ycenter, Ms D. Veena, e-Yantra, IIT-Mumbai.
No. of Participants	196

1. Dr. C. S. Subash Kumar, HoD(i/c)-EEE, welcomed the guests, from e-Yantra, IIT- Mumbai for eYIC Ideation Workshop 2024.
2. Dr. Veena, IIT-Mumbai introduced the session by providing an overview of the e-Yantra Competitions and benefits to the students and faculty members.
3. Mr. Rohaan Goswami explained the various initiatives taken by his firm to address societal problems. The following topics were covered in this ideation workshop through hands-on activity.
   - Human Centered Design (HCD)
   - HCD to create robotics solutions for Sustainability (United Nations Sustainable Development Goals Framework)
   - Understanding Complex Problems
   - Assumptions & Their Implications
   - Primary Research: Understanding Your User
   - Secondary Research: The Bigger Picture
   - Idea Selection, Filtering and Validation
4. About 186 students and 3 faculty members from other institutions attended this event. Additionally, 15 students and 4 faculty members from the CSE and EEE departments of PSG iTech participated in this ideation workshop.

e-YIC Team Presenting their project work to the expert team, e-Yantra

Industrial Visits:

Event title	Local Industrial visit to KNR Construction Limited - Precast Manufacturing Yard
Date and Duration	19th October 2024 & 12.30pm to 4.30pm
Department	Civil
Faculty Co-ordinators	Mr. K. Sakthiprasanth, Civil Department
No. of Participants	60

1. On behalf of Association of Consulting Civil Engineers (ACCE) under Student Mentoring Program, third year Civil Engineering students were visited KNR Constructions Limited, a leading company in India's construction and infrastructure sector. The visit is mainly aimed to help the students to understand the modern techniques, precast company's specific operations, project management techniques, and career opportunities in the prefabricated structures field.

2. A senior project engineer welcomed the students and provided an overview of the company's history, mission, and key projects. Following this, students toured an ongoing project site, observing important aspects such as safety protocols, modern construction techniques, and quality control measures.

3. Students also interacted with engineers and project managers, discussing their roles and the challenges they face. The Question & Answer session provided valuable insights into the practical applications of academic knowledge. Overall, the visit was highly educational, enhancing students' understanding in the area of project management, safety practices, and career paths in construction.

A team of third Civil Engineering students at KNR Construction Pre-casting Yard at Thennampalayam, Coimbatore

Event title	Industry Academia Conclave 2024
Event Category	Industry Institute Interaction
Date	08.11.2024 & 09.11.2024
Co-ordinators	Dr.M.I.Abdul Aleem, Dr R Rajkumar, Mr V Senthivel and Mr S Ravikrishna, Industry Institute Interaction Cell
Chief Guest/ Resource Person/ Keynote Speaker	Mr U Divakaran, Head of Solutions Architecture – GSI/ITS/ITES, Amazon Web Services (AWS), India
No. of Participants	400 students

1. Dr N Saravanakumar, Principal, welcomed the gathering and spoke about how the Industry Institute Interaction cell works to enhance students' knowledge.

2. Dr P V Mohanram, Secretary, felicitated the guests and students during his speech. He briefed students on how Chat GPT works and encouraged them to improve their questioning attitude.

3. Mr U Divakaran, Head of Solutions, Architecture – GSI/ITS/ITES, Amazon Web Services (AWS), India, stated that unlearning, relearning and adapting to change are crucial parts in every field especially in the AI field as its history started in the 1950s and mentioned that it has been changing day by day. He also mentioned that AI and ML has the power to personalize, predict and decide on its own using data and briefed about the importance of AI during his speech.

4. Dr M I Abdul Aleem, HoD, (Civil) delivered the vote of thanks.

Mr U Divakaran, Head of Solutions Architecture – GSI/ITS/ITES, Amazon Web Services (AWS) addressing the gathering on 8th Nov 2024

Place visited	Arasur Substation visit
Date and Duration	29th November, 2024.
Department	Electrical and Electronics Engineering
Faculty Coordinators	Dr Mohamed Iqbal M, Professor / EEE Ms. Jeyashree A, Assistant Professor / EEE
No. of Participants	57 students

1. On 29.11.2024, third-year BE - Electrical and Electronics Engineering (EEE) students of the 2022-26 batch visited the Arasur Substation. This educational visit offered an in-depth understanding of the power transmission and distribution processes.

2. They learned how power is generated from sources like the Guntah Power Generation Plant in Ooty, transmitted at a voltage of 110 kV, stepped down to lower levels such as 33 kV and 11 kV, and then distributed to nearby locations, including Tirupur, Palladam, and Coimbatore.

3. The substation receives power from various generation sources, such as Guntah in Ooty. The incoming power is transmitted through high-voltage lines ranging from 110 kV to 230 kV, ensuring minimal losses during long-distance transmission. At the Arasur Substation, transformers with capacities ranging from 10 MVA to 25 MVA stepdown the high-voltage electricity to lower levels like 33 kV and 11 kV. These stepped-down voltages are essential for safe and efficient power distribution to consumers.

4. The industrial visit to the Arasur Substation provided a hands-on understanding of power systems and their ratings, showcasing the critical role substations play in ensuring reliable electricity supply. Observing the generation, transmission, and distribution processes, along with equipment ratings, enhanced our technical knowledge and practical exposure to real-world power systems.

Arasur Sub Station Visit

Place visited	Vasantha Advanced Systems – PCB Manufacturing Process
Date	7th Dec 2024
Department	Electrical and Electronics Engineering
Co-ordinators	Dr. Senthilkumar M, Assistant Professor -EEE Dr. Sathiyanathan M, Associate Professor -EEE Ms. Jeyashree A, Assistant Professor -EEE
No. of Participants	64 students

1. During the visit to "Vasantha Advanced Systems", the company representatives provided us with an in-depth overview of their operations, showcasing the machinery, technologies, and methodologies used in each process.
2. The live demonstrations of PCB assembly lines, box build integrations, and wiring harness setups is visualized.
3. During this visit, three main approaches to PCB designing: Through-Hole Technology (THT), Surface-Mount Technology (SMT) and Wave Soldering is observed.
4. In wave soldering process, the PCB components is assembled and passed to lead solution. The soldering paste with the lead make the components to build the PCB boards. These insights provided us with a clear understanding of how PCB design varies based on project requirements and applications.
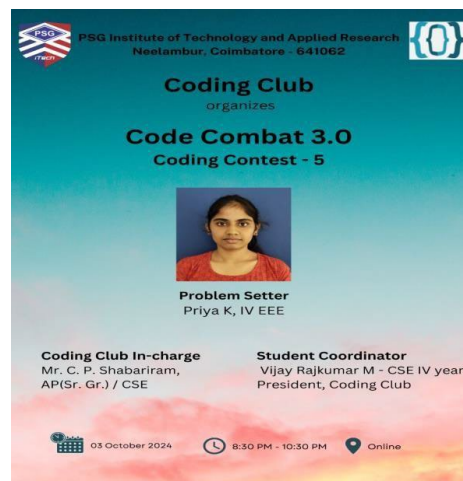

Industrial visit to Vasantha Advanced Systems, Coimbatore on 7th Dec 2024

Professional Society and Club Activities:

Event title	Code Combat - 3.0
Date and Duration	3rd October 2024 & One Day
Club	Coding Club
Faculty Coordinator	Mr. C. P. Shabariram, Associate Professor, CSE Department
Student Coordinator	Vijay Rajkumar M, CSE IV-year, President, Coding Club
No. of Participants	79 students

1. The event aimed to encourage competitive programming among students and provide a platform to enhance their problem-solving skills.

2. The coding problems focused on medium to hard difficulty levels, designed to test students' analytical thinking and programming abilities.

3. The Problem Setter for the contest was Ms Priya K (IV EEE), who prepared a challenging set of problems covering topics such as data structures, algorithms, and logical reasoning.

4. The event was organized under the guidance of Mr. C. P. Shabariram, AP (Sr. Gr.) from the CSE department, and coordinated by Vijay Rajkumar M (CSE IV year), the President of the Coding Club.

5. The contest witnessed active participation from students across various departments. The participants showed great enthusiasm and a competitive spirit throughout the contest.

Coding Contest held on 3rd October 2024 in online mode

Event title	ECE Association 2024-25
Event category	Inauguration
Date	4th October 2024
Department	ECE
Co-ordinators	Dr M Jayasanthi
Resource Person	Mr. Bhanu Prakash B, Manager - Embedded and Power Electronics Firmware, Capgemini Engineering, Coimbatore.
No. of Participants	60 students

1. Dr. P Vetrivelan, ASP-ECE introduced the new office bearers of ECE Association for the year 2024-2025.

2. The President of ECE Association 2024-2025, K Shree Harini, along with Vallisa R, the Secretary of ECE Association 2024-2025, shared an overview of the planned activities for the academic year 2024-2025. Their outline included technical events, coding contests, alumni interactions, mock interviews, and guest lectures designed for students across all years.

3. The inaugural address was delivered by Mr. Bhanu Prakash B, Manager, Capgemini Engineering, focusing on the integration of BLE (Bluetooth Low Energy) devices and their role in IoT (Internet of Things) applications. He explained how BLE technology enables efficient communication in IoT ecosystems, highlighting its low power consumption and connectivity benefits. Additionally, he touched on the impact of Machine Learning in enhancing IoT systems, providing a broader perspective on the fusion of these technologies.

4. The vote of thanks was delivered by Maria Anto Benita, Vice-President of ECE Association, expressing her heartfelt gratitude to all the participants, faculty, and students who contributed to making the event a success.

ECE Association office bearers along with Chief Guest

Event Title	Orphanage Visit
Event Category	Community Outreach
Date and Duration	6th October 2024 & 3 Hours
Club	NSS
Coordinators	Dr.P.Chinnaraj, Associate Professor, Maths Department Dr.D.Thangaraju, Associate Professor, Physics Department
No.of.Participants	49 students

1. An orphanage visit was organized by the NSS team to the Universal Peace Foundation in Nalla Goundampalayam on 6th October 2024.
2. A total of 48 volunteers from different departments actively participated in various activities aimed at supporting the residents of the orphanage.
3. The volunteers engaged in several activities, including cleaning the garden, tidying the rooms, and removing weeds, which helped improve the living conditions of the orphanage.
4. Additionally, groceries worth ₹9,000 were donated to the Orphanage to support their daily needs.

Orphanage visit on 6th Oct 2024

Event Title	NSS Induction Programme
Event Category	Orientation Programme
Date and Duration	9th October 2024 & Fifty minutes
Club	NSS
Event Coordinators	Dr.P.Chinnaraj, Associate Professor, Maths Department
	Dr.D.Thangaraju, Associate Professor, Physics Department
No.of.Participants	152 volunteers

1. The event was aimed at introducing the students to the NSS symbol and badge which represents a spirit of selfless service.
2. To instill a sense of unity and purpose, the NSS song was taught to the students and the song is sung in unison by them. Students were informed about the theme/plan of NSS activities for the academic year 2024-25.
3. Students were introduced to the various types of activities conducted under NSS.

Dr.P.Chinnaraj, NSS Programme Officer addressing the gathering on 9th Oct 2024

Event Title	Mind Splash – Poster Contest
Event Category	Club event
Date and Duration	10.10.2024
Dept	Rotaract club of PSGiTech
Co-ordinator	C.P.Shabariram, AP(Sr.Gr) / CSE
Student Coordinators	Sanchita Vel and Nivaashini Thangaraj
No. of Participants	25

1. In celebration of World Mental Health Day, the Rotaract Club conducted "Mind Splash", an online poster contest aimed at raising awareness about mental health. The contest encouraged students from all years to creatively express their understanding and perspectives on mental well-being, with the goal of fostering greater understanding and reducing stigma surrounding mental health issues.
2. Around 25 students from various academic years participated, showcasing diverse artistic approaches and interpretations of the theme. The submissions were evaluated based on: Creativity and Originality, Adherence to the Theme, Artistic Skill, and Clarity of Message. A panel of judges from the Rotaract Club reviewed each submission to select the top three posters.
3. The winners were announced on the Rotaract Club's inaugural day. The top three posters received special prizes for their outstanding contributions to promoting mental health awareness.
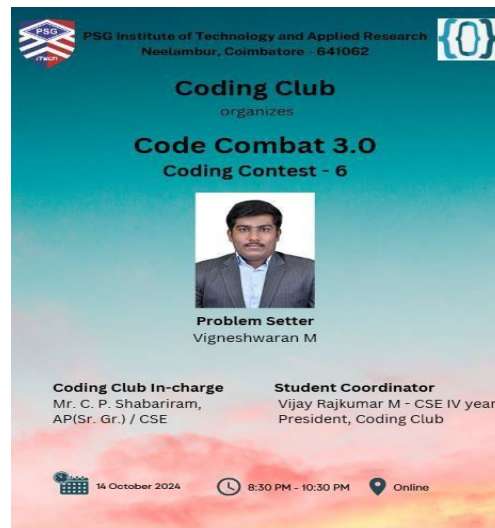
Top Three Winners:
1. Vidya Sri K R- EEE Department (1st year)
2. Tanya - Civil Department (1st year)
3. Amala Arlyn A - CSE Department (1st year)

Ms Vidhya Shri, I Year EEE was honoured by Rtn. Myilsamy

Event title	Code Combat - 3.O
Event Category	Coding event
Date and Duration	14th October 2024 and 2 hours
Club	Coding Club
Faculty Coordinator	Mr. C. P. Shabariram, Associate Professor, CSE Department
Student Coordinator	Vijay Rajkumar M, CSE IV year, President, Coding Club
No. of Participants	47 students

1. The event aimed to encourage competitive programming among students and provide a platform to enhance their problem-solving skills.

2. The contest was held online during the time slot 8:30 PM to 10:30 PM. The coding problems focused on medium to hard difficulty levels, designed to test students' analytical thinking and programming abilities.

3. The Problem Setter for the contest was Mr Vigneshwaran M (IV CSE), who prepared a challenging set of problems covering topics such as data structures, algorithms, and logical reasoning.

4. The event was organized under the guidance of Mr. C. P. Shabariram, AP (Sr. Gr.) from the CSE department, and coordinated by Mr Vijay Rajkumar M (CSE IV year), the President of the Coding Club.

5. The contest witnessed active participation from students across various departments, with 47 participants.

Coding Contest held on 14th October 2024 in online mode

Event Title	Quiz Trivia & Talent Show
Club	NSS
Date and Duration	16th October 2024 & Fifty Minutes
Coordinators	Dr.P.Chinnaraj, Associate Professor, Maths Department Dr.D.Thangaraju, Associate Professor, Physics Department
No.of.Participants	119 student volunteers

1. A vibrant NSS Quiz Programme and Talent Show were organized as part of the celebration of Youth Awakening Day on 16th October 2024.
2. The event witnessed enthusiastic participation from students across various departments, showcasing their talents in speech, music, and other forms of artistic expression.
3. The purpose of this event was to boost the confidence of the students and foster a spirit of active participation. In addition to the Talent Show, a quiz programme was held to assess the students' knowledge about the National Service Scheme (NSS).

Participation by students during the quiz event

Nature of the event	Music Program
Title	Beyond Decibels
Organizing Body	iTech Music Club, PSG iTech
Duration and Date	19.10.2024 - 2.45 pm to 4.45 pm
Venue	PSG Convention Center

1. The music band of PSG Institute of Technology and Applied Research successfully hosted the annual musical event, "Beyond Decibels" on 19th October 2024 from 2.45 PM to 4.45 PM at the PSG Convention Center.
2. The students, in collaboration with our alumni, delivered a diverse range of performances that highlighted their skill and dedication. The event was attended by the students and faculty of PSG Institute of Technology and Applied Research.
3. In addition to the compositions of Classical and Western genres, the students performed the hits of popular bands like AGAM.
4. The performances included various songs composed by legendary music directors including M.S. Viswanathan and A.R. Rahman.
5. The audience thoroughly enjoyed the event, which concluded with the felicitation of alumni members of the iTech band.

Group photo session along with Dr N Saravanakumar, Principal during the musical event held on 19th Oct 2024

Event Title	Trekking Event
Event Category	Community Outreach
Date and Duration	20th October 2024 & 12 hours
Coordinators	Dr.P.Chinnaraj,Associate Professor,Maths Department Dr.D.Thangaraju,Associate Professor,Physics Department
No.of.Participants	40 students

1. The NSS unit of PSG iTech conducted an adventurous event combined with community service at Othimalai. A group of 40 enthusiastic volunteers participated in a trek to this picturesque location, where they not only enjoyed the natural beauty but also demonstrated their commitment to environmental conservation.
2. Beyond the trek, the volunteers engaged in a temple cleaning activity, focused on preserving the sanctity and cleanliness of the temple premises.
3. Their combined efforts contributed to the upkeep of this sacred space, reflecting the NSS unit's dedication to protecting local heritage and fostering community engagement.

Community Outreach to Othimalai by NSS volunteers

Event title	IGNITION - Rotaract Club Installation Ceremony 2024-2025
Event Category	Club Activity
Date and Duration	25.10.2024 & 1.30 hour
Faculty Co-ordinator	Mr. C. P. Shabariram
Resource Person	Rtn. Mylsamy, Rtn. Subramanium, Rtn. Easwaran Rotary Club of Coimbatore Saicity
No. of Participants	100 students

1. The event commenced with a welcome address by Mr. C. P. Shabariram, Faculty Advisor, and the Rotaract prayer, setting a positive tone for the ceremony. Rtr. Pavithran, the Secretary (Admin), presented the Annual Club Community Service Report, highlighting key achievements and the club's impact on the community.

2. Rtr. Yogeshwaran S., President, was officially entrusted with the club collar and gavel by Rotarian Easwaran K. Newly inducted members and office bearers pledged their commitment to Rotaract values, with Mr. C. P. Shabariram introducing the new team. The Club Charter was passed to the new Secretaries, Rtr. Pavithran G. and Rtr. Dhanyasri K., symbolizing the continuity of the club's mission

3. The Chief Guest, Rotarian Mylsamy R., and the Guest of Honor, Rotarian Easwaran K., delivered motivational speeches on the values of community service and leadership. The event concluded with a vote of thanks by the new Secretary of Communication, Rtr. Dhanyasri K., followed by the National Anthem, marking the official adjournment of the event.

The new office bearers team for the Rotary year 2024-25

Event title	Inauguration of Mechanical Engineering Students Association 2024-25
Event Category	Seminar
Date and Duration	26th October 2024 & One day
Department	Mechanical
Co-ordinators	Dr S Nanthakumar, Associate Professor, Mechanical Department
Resource Person	Dr D Kesevan, Associate Professor, Department of Mechanical Engineering, IIT, Palakad
No. of Participants Registered	180
No. of participants Attended	150

1. Mr. Balakrishnan, Secretary of MEA, welcomed the gathering and introduced the office bearers for the academic year 2024-25. He also provided a brief overview of the activities to be conducted in the Mechanical Engineering Department by MEA.

2. Dr. D. Kesavan, Associate Professor, Department of Mechanical Engineering, IIT Palakkad, commenced the session with the topic, "Metal Additive Manufacturing of Aerospace Grade Alloys." Aerospace metal additive manufacturing commonly uses high-performance alloys such as titanium, aluminum, and nickel-based alloys.

3. These materials offer excellent strength-to-weight ratios and corrosion resistance, making them ideal for aerospace applications.

4. The session concluded with a question-and-answer session involving students and faculty. Dr. R. Ramesh, HoD of Mechanical Engineering, presented a memento to the chief guest.

5. Finally, the session ended with a vote of thanks by Mr. Harish, a third-year Mechanical Engineering student and Treasurer of MEA, followed by a group photo and the National Anthem.

The chief guest Dr D Kesevan addressing the participants on 26th Oct 2024

Event Title	"Bond and Beyond"
Event Type	Fresher's Day Celebration
Date and Duration	26th October 2024 and 2.15 pm to 4.45 pm
Department	Civil
Faculty Co-ordinators	Mr. P.Balakumar, Civil Department
No. of Participants	98 students

1. The event began with a senior-junior interaction session, which facilitated connections with seniors and provided updates on placements and higher education opportunities.
2. In this event, first- and second-year students had the opportunity to showcase their diverse talents, demonstrating creativity, skill, and enthusiasm. Their performances highlighted the unique abilities and potential within the junior batches, contributing to an engaging and vibrant atmosphere.
3. The game event opened with Bioscope, a movie-identification game where participants guessed films based on image clues. This activity generated laughter and friendly rivalry as everyone showcased their movie knowledge.
4. The Headphone Challenge was another highlight, where one team member wore headphones while others acted out the song. This hilarious game led to memorable moments and plenty of laughter, helping students bond over shared humor.
5. The celebration concluded with closing remarks from Mr.P.Balakumar [Faculty advisor/CEA], who encouraged freshers to embrace college life fully and create lasting friendships. "Bond and Beyond" was a tremendous success, marking a fantastic start to the academic year for all involved.

Group photo session during "Bond and Beyond" event held on 26th Oct 2024

Event Title	New Horizons for 2024-2028 Batch (I year) EEE & ICE Students
Date and Duration	26.10.2024, 2:30 to 4.30 P.M
Department	EEE Association
Co-ordinator	Dr Suresh B, AP (Sl. Grade) / EEE
No. of Participants	98 students

1. The New Horizons event was organized for the students of 1ˢᵗ year Electrical and Electronics Engineering (EEE) and Instrumentation and Control Engineering (ICE).
2. Various events like technical quiz, just a minute, pictionary and talent showcase were also conducted. The quiz tested students IQ, python programming skills and knowledge of recent technological trends. In just a minute, participants were given interesting problems and make to solve within one minute.
3. These activities challenged and began students quick thinking, creativity and ability to perform under a short span of time.
4. Moreover, the students from EEE and ICE were actively participated in the activities conducted and won I, II and III prizes and thereby enriched their knowledge with the basic concepts and fundamentals from the core subjects and python programming.

New Horizons Event Organization for I-EEE & I-ICE

Event Title	NSS Induction Programme
Club	NSS
Date and Duration	26th October 2024 & fifty minutes
Coordinators	Dr.P.Chinnaraj, Associate Professor, Maths Department Dr.D.Thangaraju, Associate Professor, Physics department
No.of.Participants	110 students

1. An NSS Induction programme (phase-3) was organized on 26th October 2024. The event was a vibrant showcase of student talent, with participants performing solo dances, group dances, delivered speeches etc., as part of highlighting their skills and enthusiasm.

2. During this programme, awards were presented to winners of the recent quiz competition, recognizing their achievements and inspiring others to participate with enthusiasm in future events.

Dr.P.Chinnaraj, NSS Programme Officer addressing the student volunteers during the NSS Induction Programme held on 26th Oct 2024

Event Title	"Paws & Treats" Humane Animal Society visit
Event Category	Club event
Date and Duration	10th Nov 2024
Venue	Humane Animal Society, Coimbatore.
Dept	Rotaract club
Co-ordinators	Mr C.P.Shabariram, AP(Sr.Gr) / CSE
Student Coordinators	Abi Shree V & Lakshana
No. of Participants	14 students

1. In an effort to promote animal welfare and foster compassion, a group of students from PSG Institute of Technology and Applied Research visited the Humane Animal Society in Coimbatore.

2. The students participated in various volunteer activities, including cleaning the animal shelters, interacting with the animals, and contributing to awareness campaigns about street animals and proper animal care. The visit was well-received by both the students and the staff at the Humane Animal Society.

3. The students gained valuable insights into animal welfare and learned the importance of compassionate care for both pets and street animals. Their contributions were acknowledged by the Humane Animal Society team, leaving the students with a deep sense of responsibility toward animal welfare.

4. The volunteer visit to the Humane Animal Society successfully achieved its objectives of raising awareness about animal welfare, providing students with hands-on experience in caring for animals, and encouraging compassion toward street animals. The event underscored the importance of community engagement in animal welfare, inspiring the students to contribute to the cause of animal protection in the future.

Paws Care briefed by the HAS Staff

Event Title	Seed Ball Plantation
Club	NSS
Date and Duration	16th November 2024 & 3 Hours
Coordinators	Dr.P.Chinnaraj, Associate Professor, Maths Department Dr.D.Thangaraju, Associate Professor, Physics Department
No. of. Participants	36 volunteers

1. A seed ball plantation programme was organized by the NSS team at Neelambur Lake on November 16, 2024.
2. The event witnessed active participation from NSS volunteers, students, and members of the Environmentalist Foundation of India (EFI). Under the guidance and presence of Mr. Aditya and Mr.Manikandan from EFI, the students enthusiastically planted seed balls around the lake.

Seed ball plantation programme held at Neelambur Lake on 16th Nov 2024

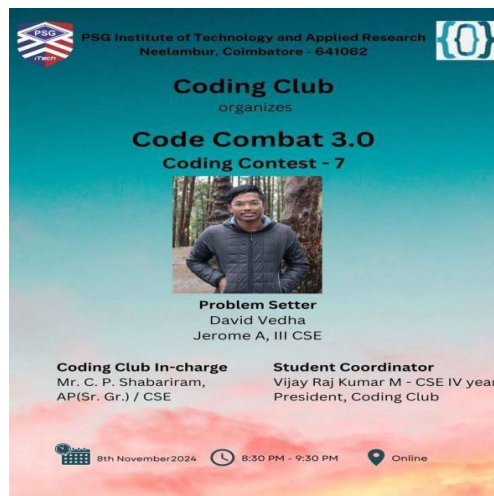| Event Title	Books and Games
Event Category	Extra-Curricular Activity
Date and Duration	06.11.2024, 11.15 am to 12.05 pm
Department/CELL	Women Empowerment Cell (WEC)
Co-ordinator	Dr. AR.Pappu, AP, Mech
Convener	Dr.R. Manimegalai, Chairperson, WEC
No. of Participants	65 students

1. Dr. R. Manimegalai, Chairperson, WEC welcomed the participants.

2. Two students reviewed the books titled "The Mother by Sudha Murthy" "I Dare by Kiran Bedi". They have presented the overview of the books and it was really an informative session.

3. A total of 65 students participated in the program. They were engaged in playing a dumb charades game based on the book titles. The students were given with a list of English and Tamil books prior to the starting of the game.

4. The students were asked to form different teams, with five students in each team. One member from each team mimed the book title and the other members from the same team guessed it.

5. Overall, the students enjoyed the game, which was based on the book titles. The major aim of this event is to encourage and inculcate the reading habit among the students. As a first step, they were exposed to various book titles and they learnt it while playing.

Members of Women Empowerment Cell along with the prize winners

Event title	Code Combat - 3.O
Event Category	Coding event
Date and Duration	8th November 2024
Club	Coding Club
Faculty Coordinator	Mr. C. P. Shabariram, Associate Professor, CSE Department
Student Coordinator	Vijay Rajkumar M, CSE IV year, President, Coding Club
No. of Participants	22 students

1. The event aimed to encourage competitive programming among students and provide a platform to enhance their problem-solving skills.
2. The coding problems focused on medium to hard difficulty levels, designed to test students' analytical thinking and programming abilities.
3. The Problem Setter for the contest was David Vedha Jerome A (III CSE), who prepared a challenging set of problems covering topics such as data structures, algorithms, and logical reasoning.
4. The event was organized under the guidance of Mr. C. P. Shabariram, AP (Sr. Gr.) from the CSE department, and coordinated by Vijay Rajkumar M (CSE IV year), the President of the Coding Club.

Coding Contest held on 8th November 2024 in online mode

Event title	Rotaract club orientation
Event Category	Club event
Date and Duration	27th Nov 2024 & 1.15 hour
Co-ordinator	Mr.C.P.Shabariram
Keynote Speaker	Rtr. Kartheepan & Rtr. Subhash
No. of Participants	30 students

1. The event, titled "Rotaract Orientation" commenced with a welcome address by Rtr Dhanyasri and the Rotaract prayer, setting a positive tone for the ceremony. Rtr. Pavithran, the Secretary (admin) collared the president of the club followed by the call to commence the event.

2. Rtr. Yogeshwaran, the President delivered the chief guest address for the event and handled over the control to the trainer

3. Rtr. Kartheepan and Rtr. Subhash started the session with the basic introduction and orientation of the Rotaract and Rotary terms and the rotary role.

4. Rtr Subhash took over the fun and an interactive session and the event concluded with a vote of thanks by the Secretary of Communication, Rtr. Dhanyasri K. Both the trainers handed over the event authority back to the president and followed by marking the official adjournment of the event.

Rotaract prayer by the students

Event Title	Ranking Ceremony and NCC Orientation
Event Category	NCC Ranking Ceremony and Orientation
Date and Duration	16.11.2024
Coordinators	Lt.V.Vilasini, Lt.P.Gajendran
Chief Guest/Resource Person/Keynote Speaker	Colonel Jayanth Mohan Joshi, Chief Commander of the 5 TN Girls Battalion
No. of Participants	100 students

1. The NCC Ranking Ceremony for the cadets who received the ranks was held on 16th November 2024 at PSG iTech. The ceremony was graced by the Chief Guest Colonel Jayanth Mohan Joshi, the Chief Commander of the 5 Tamil Nadu Girls Battalion.

2. Colonel Jayanth Mohan Joshi gave an inspiring speech for the first-year cadets by sharing his valuable experiences from his distinguished career in the Indian Army. His speech emphasized the importance of discipline, resilience, and patriotism. Colonel Jayant Mohan Joshi honoured the cadets of 5 TN Girls Battalion and 6 TN Medical Company by distributing their ranks, recognizing their leadership capabilities and dedication to NCC activities.

3. The event concluded with SUO Kamali's heartfelt vote of thanks, expressing gratitude to the Chief Guest, organizers, faculty, and participants for their contributions to the event's success. Following this event, a tree plantation event was conducted in the garden near sports ground.

4. Totally three trees were planted, one by the Chief Guest and the other two by cadets of 5 TN Girls Battalion and 6 TN Medical Company.

Colonel Jayant Mohan Joshi is honouring one of the cadets of 5 TN Girls Battalion

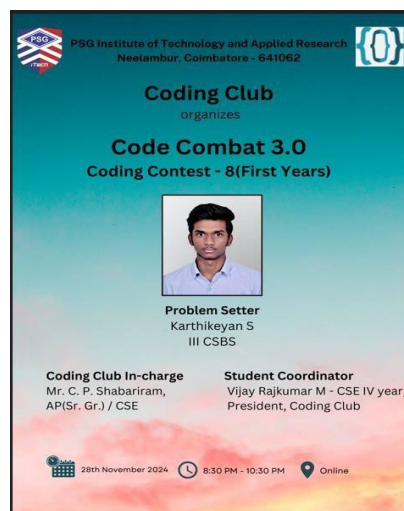| Event Title	Orphanage visit
Event Category	Community Outreach
Date and Duration	17th November 2024 & 4 Hours
Coordinators	Dr.P.Chinnaraj, Associate Professor, Maths Department Dr.D.Thangaraju, Associate Professor, Physics Department
No. of. Participants	46 volunteers

1. The NSS team visited Sri Sankara Sevalayam, an orphanage in Karuvalur on 17th November 2024. The NSS volunteers wholeheartedly engaged with the children at the orphanage during the visit.

2. To encourage confidence and participation, a variety of games like singing and dancing were organized. As a gesture of goodwill, the team presented sports equipment, stationery items and groceries of worth ₹8000 to the orphanage in order to support children's education and recreational needs.

Visit to orphanage on 17th November 2024

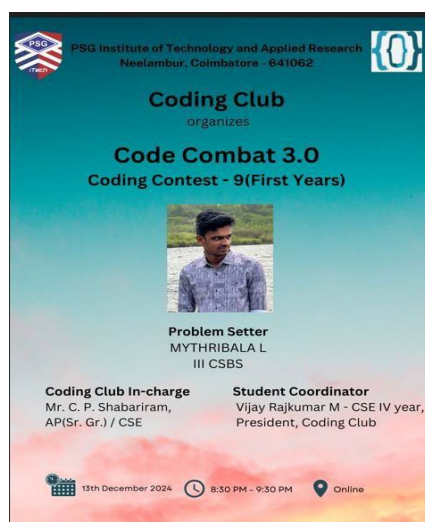| Event title	Code Combat - 3.0
Event Category	Coding event
Date and Duration	28th November 2024 & 2 hours
Club	Coding Club
Faculty Coordinator	Mr. C. P. Shabariram, Associate Professor, CSE Department
Student Coordinator	Vijay Rajkumar M, CSE IV year, President, Coding Club
No. of Participants	62 students

1. The event aimed to encourage competitive programming among students and provide a platform to enhance their problem-solving skills.
2. The contest was held online from 8:30 PM to 10:30 PM.
3. The coding problems ranged from medium to hard difficulty levels, designed to test students' analytical thinking and programming abilities.
4. The Problem Setter for the contest was Karthikeyan S (III CSBS), who prepared a challenging set of problems covering topics such as data structures, algorithms, and logical reasoning.
5. The event was organized under the guidance of Mr. C. P. Shabariram, AP (Sr. Gr.) from the CSE department, and coordinated by Vijay Rajkumar M (CSE IV year), the President of the Coding Club.
6. The contest witnessed active participation from students across various departments.

Code Combat - 3.O held on 28th Nov 2024

Event title	Code Combat - 3.O
Event Category	Coding event
Date and Duration	13th December 2024 & One Day
Club	Coding Club
Faculty Coordinator	Mr. C. P. Shabariram, Associate Professor, CSE Department
Student Coordinator	Vijay Rajkumar M, CSE IV year, President, Coding Club
No. of Participants	43 students

1. The event aimed to encourage competitive programming among students and provide a platform to enhance their problem-solving skills.

2. The Problem Setter for the contest was Mythribala L (III CSBS), who prepared a challenging set of problems covering topics such as data structures, algorithms, and logical reasoning.

3. The event was organized under the guidance of Mr. C. P. Shabariram, AP (Sr. Gr.) from the CSE department, and coordinated by Vijay Rajkumar M (CSE IV year), the President of the Coding Club. The participants showed a competitive spirit throughout the contest.

Code Combat - 3.O held on 13th Dec 2024

Capacity Building:

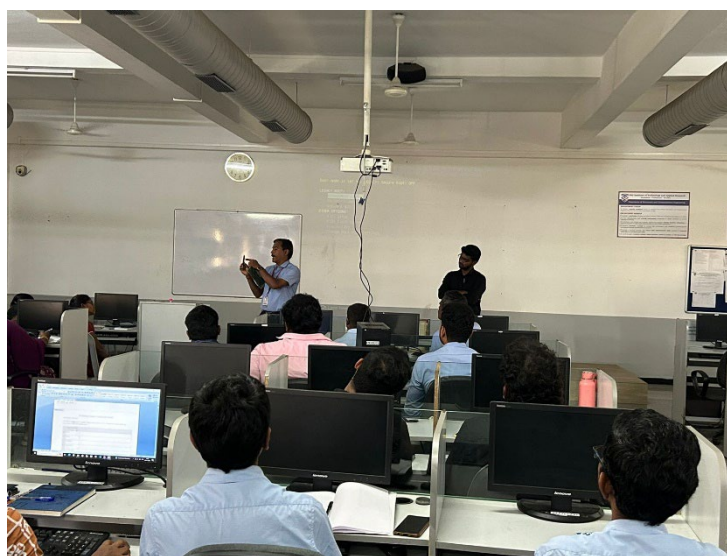| Event title	Five-Day FDP on AI Applications and Practical Insights
Date and Duration	25.11.2024 – 29.11.2024 (Five Days)
Department	CSE
Co-ordinators	Dr. B. Gomathy, Professor/CSE, Dr.A.Sunitha Nandhini, AP(Sl.Gr)/CSE
Chief Guest/ Resource Person/ Keynote Speaker	1. Dr. Venkatapathy Subramanian - Director, Anaadhi Foundation, Rural AI Centre, Palani 2. Dr. B. Gomathy - Professor, CSE, PSG iTech 3. Dr. S. Vaishnavi - Assistant Professor, CSE, PSG iTech 4. Dr. V. Mahendran - IIT, Tirupathi 5. Mr. Vivek Suresh - Co-founder and CEO, Ylogx Private Ltd., Kochi 6. Dr. Srinivasulu Reddy - NIT, Trichy 7. Dr. R. Preeth - IIIT DM, Kancheepuram 8. Mr. Selva Vignesh - Product Strategist, Pinesphere, Coimbatore 9. Mr. Jai Ganesh Suresh - Senior AI Architect Lead, Valeo
No. of Participants	180 faculty and students

1. The FDP started with the welcome address by Dr R Manimegalai Professor & HoD/CSE. She welcomed the gathering and stated the significance of the PSG iTech and PSG CARE. She shared the importance of AI Applications in real life and practical insights which motivated to conduct to such FDPs. Dr. A.Sunitha Nandhini, AP (Sl. Gr.) CSE introduced the resource person.

2. The Faculty Development Program featured several distinguished resource persons who shared valuable insights on AI applications and practical implementations across five days. On Day 1, Dr. Venkatapathy Subramanian discussed on "AI Intervention in Indian Knowledge System". Day 2 included sessions by Dr. B. Gomathy, Prof/CSE, PSG iTech on "Embarking on the AI Journey: A Primer on Artificial Intelligence", and Dr. S. Vaishnavi, AP/CSE, PSG iTech who unveiled "A Beginner's Roadmap to Machine Learning".

3. On Day 3, Dr. V. Mahendran explored "The Essentials of NLP and Reinforcement Learning Techniques in NLP Applications", followed by Mr. Vivek Suresh, Co-founder and CEO of Ylogx Private Ltd., Kochi, who led a hands-on session on "NLP and Computer Vision". Day 4 included Dr. Srinivasulu Reddy from NIT Trichy discussed about "Essentials of Computer Vision and Navigating Object Detection and Recognition Techniques", and Dr. R. Preeth from IIIT DM, Kancheepuram, presenting on Feature Engineering: Understanding Data's Potential and Analytics – A Journey Towards Machine Learning Paradigms.

4. On Day 5, Mr. Selva Vignesh, Product Strategist at Pinesphere, Coimbatore, provided hands-on training on Data Analytics through Weather Forecasting, and Mr. Jai Ganesh Suresh, Senior AI Architect Lead at Valeo, delivered an engaging session on Crafting Reality with Generative AI, GAN Architecture, and BERT Models.

Group photo session at iTech Square on 29th Nov 2024

Event Title	Troubleshooting of Computer Hardware and Software Network
Event Category	One day Workshop
Department	Teaching-Learning Practices (CTLP)
Date and Duration	09.11.2024 – Full Day
CTLP Coordinators	Dr Chitra V, Associate Professor, Mathematics Dr Jothibasu M, Assistant Professor (Sl.Gr), ECE Department
Experts	Mr. Balasubramaniam K System Administrator / PSGiTech Mr. Gopi Velu, NMC Assistant / PSGiTech
No. of Participants	25 staff

1. The Centre for Teaching Learning Practices (CTLP) organized a workshop titled "Troubleshooting of Computer Hardware and Software Network" aimed at enhancing the technical skills of supporting staff in managing common computer hardware and network issues. The event took place at the E4-Block Computer Center Lab, with around 25 staff members benefiting from the program.

2. The workshop began with a prayer song, followed by a welcome address from Dr. M. Jothibasu, AP/ECE and CTLP Coordinator. He emphasized the importance of acquiring knowledge and skills in computer hardware and software and introduced the resource persons for the session.

3. The workshop was led by Mr. Balasubramaniam K, the System Administrator, and Mr. Gopi, Velu, the NMC Assistant. They provided a comprehensive overview of essential hardware components, their functions, and common troubleshooting techniques.

4. The trainers also covered practical network troubleshooting methods, equipping the staff with tools to identify and resolve common connectivity issues. Participants engaged in hands-on exercises by interactively applying the learned techniques.

5. Feedback from the participants highlighted the session as both informative and practical, with staff members gaining valuable skills to address day-to-day technical challenges. The workshop successfully met its objective of empowering staff with essential troubleshooting abilities. The formal vote of thanks was delivered by Dr. V. Chitra, ASP/Maths and CTLP Coordinator.

Mr. Balasubramaniam K, System Administrator, and Mr. Gopi Velu, NMC Assistant, conducting an informative session for participants, demonstrating hardware and network troubleshooting techniques

Event Title	SAP Analytics Cloud and Capstone Project Evaluation
Event Category	Faculty Training
Date and Duration	30th Dec 2024
Department	CSE
Co-ordinators	Ms.S.S.Saranya,AP(Sr.Gr) /CSE Lt.V.Vilasini, AP(Sl.Gr)/CSE
Chief Guest	Mr. Jitendra Ghanta, Director, SAP Analytics at SAP Labs India
No. of Participants	180 faculty and students

1. Dr R Manimegalai, HoD, CSE welcomed the gathering.
2. Dr.B.Gomathy, Professor, CSE took the stage to formally introduce the distinguished Resource persons to the audience.
3. Mr. Jitendra Ghanta, with his extensive expertise in Data Analytics, provided an in-depth understanding of SAP Analytics Cloud as a powerful tool for data-driven decision-making. He highlighted its applications in enterprise analytics, predictive forecasting, and strategic planning.
4. The training emphasized how SAP Analytics Cloud integrates business intelligence, planning, and machine learning capabilities to deliver actionable insights that enable organizations to optimize operations and improve overall efficiency.
5. The session covered key features of SAP Analytics Cloud, including data visualization, real-time analytics, and collaborative planning. Practical demonstrations showcased how faculty could utilize the platform to analyze complex datasets, create interactive dashboards, and generate predictive insights. Special focus was given to how these capabilities can be incorporated into teaching methodologies to bridge the gap between academic concepts and industry practices.
6. The program concluded with an interactive Q&A session, where participants had the opportunity to clarify their queries and gain further insights into the practical applications of SAP Analytics Cloud.

Mr. Jitendra Ghanta sharing his expertise during the faculty training programme held on 30th Dec 2024

Other Major Events:

Event title	Navarathri Golu Alangaram-2024
Event Category	Spiritual Celebration
Date and Duration	7th to 9th October, 2024
Department	Drawing and Painting Club (Tulika), Cooking Club (Pushti:), PSG iTech Music Club
Co-ordinators	Dr. G Santhanamari, ASP, ECE Ms. N. Susithra, AP (Sr. Gr) ECE Ms M Deepa, AP (Sr. Gr) ECE
No. of Participants	100 faculty, staff, and students

1. As a part of the Navarathri celebrations, PSG iTech's Golu Alangaram was organized on the college premises by the collaborative efforts of the Drawing and Painting Club (Tulika), Cooking Club (Pushti:) and PSG iTech Music Club for the fifth consecutive year. The Golu Alangaram was set in admission hall 106 (E1 Block) starting from 7th October to 9th October 2024. Students and faculty from all departments contributed dolls and idols to adorn the iTech Golu.

2. Around 100 clay dolls were arranged in 9 tiers with the idols ranging from Nava Shakthi, Ashtalakshmi, Dasavatharam, Aaru Padai Veedu, Lord Vishnu, Lord Brahma, Lord Natraj etc. A Varalakshmi idol was set up using a pot and it was adorned with jewels as an epitome of Health, wealth, and prosperity. PSG iTech Band members along with other students and faculty sang bhajans on the first day after the inaugural Pooja.

3. The Pooja and Bhajan were made every day from 7.10.24 to 9.10.24 evening from 4.30 pm to 5.30 pm. The Saraswathi Pooja was celebrated on 9.10.24 evening 4.15 pm, students members of iTech music band performed Bhajan. The members of the cooking club presented several dishes like Sweet Poha and sweet Pongal and Tamarind rice as prasadham during the three days of the Golu alangaram display.

Principal, HoDs, Faculty, Staff and students participating Saraswathi Pooja on 9.10.24

Event title	iTech Ideathon 2024
Event Category	Prototype Exhibition & Award Ceremony
Date and Duration	5.10.2024
Co-ordinators	Ms N Susithra, Assistant Professor (Sr.Gr.), ECE Dr T Sakthivel (Sl. Gr.), Civil
Resource Person	Dr Suresh Kumar K, Executive Director, PSG-STEP Mr VivekanandhanKoodalingam, CEO, Faraday Ozone Pvt. Ltd.
No. of Participants	60 (15 Teams)

The Prototype Exhibition and the Award Ceremony for the PSG iTech Ideathon, an intra collegiate idea to prototype contest, organised by PSG iTech Launchpad (Innozone and Startupzone), an ecosystem to promote innovation, startup, IPR, and entrepreneurship was held on 5th October 2024, marking the culmination of months of preparation and innovation.

The Guest of Honour was Dr Suresh Kumar K, Executive Director, PSG-STEP, encouraged students to participate in huge numbers and raise the standards demanding more grant and prize amount.

The Chief Guest Mr. Vivekanandhan Koodalingam, CEO, Faraday Ozone Pvt Ltd, reminisced about the final review process and offered to support student initiatives and take the projects forward.

15 finalist teams along with their mentors were felicitated and the top 3 teams were awarded cash prizes of Rs. 40,000, Rs 20,000, and Rs 10,000 respectively.

Team TrioSquad "Disease Surveillance and Prevention" by Dhanyasri K, Dakshin Priya TS, Mckalya S and Pratibha S won first prize mentored by Dr. R. Manimegalai, Prof/CSE

Event Title	Sixth Graduation Day Ceremony
Event Category	Other Major Events
Date	21.11.2024
Co-ordinator	Dr. M.I.Abdul Aleem &HoD, Civil
Chief Guest	Prof T G Sitharam, Chairman, AICTE
No. of Participants	300Graduands

1. Dr N Saravanakumar, Principal, PSG iTech, welcomed the gathering.

2. Shri L. Gopalakrishnan, Managing Trustee, PSG & Sons' Charities presided over the function.

3. The chief guest, Prof T G Sitharam, Chairman, All India Council of Technical Education (AICTE) distributed the awards for the Graduands on 21st November, 2024. In his commencement address, he appealed to all the graduates to look for opportunities available in every field and contribute their knowledge and skills for making not only the industry but the country proud in the global market. He congratulated all the graduates for their efforts and also appreciated teachers for rendering their continuous support to the students in all aspects.

4. Dr. M.I. Abdul Aleem, HoD (Civil Engineering) delivered the vote of thanks.

Prof T G Sitharam, Chairman, All India Council of Technical Education (AICTE)awarded the degree toMr R Sugumaran, Gold Medalist, Dept. of Mechanical Engineering on 21st Nov 2024

Event title	11th Governing Council Meeting
Event Category	Administration
Date and Duration	02.12.2024 & 9.30 am to 12.15 pm
Co-ordinator	Dr. M. Arun, Professor, Civil Department
Members present	1. Shri. L. Gopalakrishnan, Managing Trustee 2. Dr R. Baskaran Professor, Department of Computer Science and Engineering, CEG Campus, Anna University, Chennai – 600 025. 3. Dr Manonmani K, Principal, Government College of Technology, Coimbatore 4. Mr Parthiban V, Managing Director at Bull Machines Pvt. Ltd, Coimbatore 5. Dr Santhakumar Mohan, Dean - IC&SR, IIT Palakkad 6. Dr. V Lakshmiprabha, Former Principal GCT, Visiting Professor, PSG Tech 7. Dr. R. Rudramoorthy, Director, PSG CARE 8. Dr P V Mohanram, Secretary, PSG iTech 9. Dr. C. L. Vasu, Dean-Academics, PSG iTech 10. Dr Vijayakumar P, Dean - Electrical and Computer Engineering, Head – ECE, PSG iTech 11. Dr. R. Ramesh, Director – IQAC, Head – Mech, PSG iTech 12. Dr. M. Arun, Associate Professor, PSG iTech 13. Dr N Saravanakumar, Principal I/c, PSG iTech

The 11th Governing Council Meeting was held on 02nd December 2024 (Monday) at the institute Board room from 9.30 am to 12.15 pm. The following data pertaining to the academic year 2024-2025 were presented and approval was sought beside the appropriate items.

- Action Taken Report on academic and other activities of the 10th GC meeting
- Strategic Points for Discussion
- Faculty Accomplishments
  - Research and Development
  - Industry Institute Interaction
  - Capacity Building of Faculty and Staff
  - Other Accomplishments by Faculty
- Students' Details and Accomplishments
  - Admissions for the academic year 2024-2025
  - Self-Learning Initiatives
  - Students' Activities
  - Scholarships
- Summary of University Results
- Graduate Outcome
- Quality Assurance Initiatives
- General Events
- Budget & Expenses for the Financial Year 2024-25
- New Programmes Planned

Neelambur, Tamil Nadu, India
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11th Governing Council Meeting heldon 02.12.2024

Co-curricular and Extra-curricular activities:

Students Achievements:

Event	Final Round of Naan Mudhalvan - Oracle-EBPL Program Hackathon
Date and Duration	29th November 2024
Department	Electrical and Electronics Engineering
Venue	E3-Peer Learning Hall
Faculty Coordinator	Dr Mohamed Iqbal M, Professor / EEE

1. The final round of the Naan Mudhalvan - Oracle-EBPL Program Hackathon was held on 20th November 2024 at the E3-Peer Learning Hall of PSG Institute of Technology and Applied Research. This event provided students with an opportunity to showcase their technical skills and problem-solving abilities in four specific technologies: Generative AI (GenAI), Cloud, Apex, and ERP. Participants were given problem statements based on their opted technology and were required to explain and demonstrate their solutions before a panel of judges for evaluation.

2. Out of the 6,000+ students who participated in the preliminary rounds, 43 students qualified for the final round. From the Department of EEE, 6 students actively participated in the competition. We are pleased to report that Amalan Joseph J, a third-year EEE student, won the First Prize for his exceptional solution and demonstration in the Gen AI technology category.

3. The event provided students with a platform to apply their knowledge to practical challenges and enhance their presentation and technical skills. The department also extends gratitude to the faculty members for their consistent support and guidance in preparing the students for the event.

Naan Mudhalvan Final Round Participants

Event Title	"Let's Code" – Arduino Contest
Event Category	Co-curricular Activities
Date and Duration	12th December 2024 & One Day
Department	EEE & ICE
Co-ordinators	Dr. C.V. Pavithra, Assistant Professor (Selection Grade) Ms. R. Divya, Assistant Professor (Senior Grade)
No. of Participants	35 students

1. Dr .C. V. Pavithra, Asst. Prof. (Sl. Gr.) welcomed the participants.
2. Ms. R. Divya, Asst. Prof. (Sr. Gr.) explained the number of rounds in the contest and the description of each round.
3. The contest comprised of two rounds. Round – 1 is about implementing basic tasks (4 Tasks) in Arduino Uno microcontroller within 30 minutes and Round – 2 is about choosing one from two tasks and completing the task within 45 minutes.
4. The teams were shortlisted based on the time they took to complete all the tasks on the Round -1 and then selected for Round – 2 by Ms.R.Divya, Asst. Prof. (Sr. Gr.) and Dr.C.V.Pavithra, Asst. Prof. (Sl. Gr.)
5. The best three teams were selected after evaluation by faculty members - Dr.M.Sathiyanathan, Asso.Prof., Dr.E.Govinda Kumar, Asso. Prof., Dr.M.Senthilkumar, Asst. Prof. (Sl. Gr.), and Mr.S.Ravikrishna, Asst Prof. (Sl. Gr.) and congratulated by Dr.C.S.Subashkumar, Associate Professor &HoD (i/c), EEE.

Participants explaining the tasks during the "Arduino Contests" held on 12th Dec 2024

Event Title	IEEE spectrum - "Navigating the Future: Trends and Emerging Technologies"
Event category	Presentation contest
Date and duration	18th December 2024, One day
Department	EEE, and I&CE
Co-ordinators	Dr. C. V. Pavithra, Assistant Professor (Selection Grade) Ms. R. Divya, Assistant Professor (Senior Grade)/EEE
No. of participants	16 students

1. The IEEE Student Branch of PSG iTech organized a contest on "Navigating the Future: Trends and Emerging Technologies" on 18th December, 2024 for the students of first year EEE and I&CE. Dr. C. V. Pavithra, Asst.Prof. (Sl. Gr.), and faculty coordinator of IEEE welcomed the participants.
2. The objective of the competition was to create awareness about IEEE Spectrum Magazine and provide opportunity for the first-year students to present their ideas on cutting-edge innovations in the Electrical and Electronics Industry. It was a single round event.
3. Dr. M. Mohamed Iqbal, Professor, and Dr. E. Govinda Kumar, Asso. Prof, were the judges for the presentation who made assessment based on the students' performance in terms of presentation skills, technical innovations, body language, and Q&A.
4. The best four teams were selected after evaluation by the judges and the results were declared by Dr. C. S. Subash Kumar, Associate Professor & HOD (i/c), EEE. Ms. Kamali, Treasurer of IEEE student branch delivered the vote of thanks and expressed her views on the presentations and her take aways.

Students expressing their views during the presentation held on 18th Dec 2024

Event Title	Essay competition
Date and duration	16.12.2024
Department	English and Wellness Centre
Co-ordinators	Dr K Pramila, HoD (English), Mr Prakash, AP (Tamil) & Ms S Puvaneswari, Student Counselor
No. of participants	19 students

1. An essay competition was organized on 16th Dec 2024 in Mechanical Seminar Hall by the Department of English for Technical Education - Tamil Nadu Online Gaming Authority.
2. The topic was on "Why are students attracted towards online gaming?", "Is this habit leading to addiction?", and "Is it feasible to have responsible online gaming?"
3. Nineteen students participated in the English essay competition.
4. Three best essays were selected and sent to the District Level Officers for selection at the district level. The following three students' essays were shortlisted and sent:

   1. Vinish Kumar V - AI DS

   2. Sanjay R - CSE C

   3. Akshayaa T - ECE A

Active participation by students in essay competition