

PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH

Events Organized:

Academics:

Event title	Hands-on Exposure to Mixed Signal IC Design Using Cadence EDA Tool
Event Category	Workshop
Date	29 th & 30 th January 2024
Department	ECE
Co-ordinators	Dr M Jayasanthi & Dr S Padmapriya
Chief Guest/ Resource Person/Keynote Speaker	Mr. Shivaprasad B K, Execution Manager, Entuple Technologies, Bangalore
No. of Participants	20 students

1. The workshop aimed to provide participants with an in-depth understanding of the Cadence Tool, a leading software suite used in electronic design and automation, and its applications in the field of the Electronics Industry.
2. The two day workshop covered various aspects of Cadence, from its fundamental concepts to advanced design in Mixed Signal Circuits.
3. The workshop aimed to familiarize participants with Cadence, elevate their proficiency in electronic design using Cadence tools, and provide insights into the latest developments and best practices among participants.
4. The course commenced on the first day with an introductory session on the Cadence EDA tools. This is followed by comprehensive sessions on digital counter design, simulation, and synthesis. The session concluded with CMOS Inverter design and its analysis.
5. The second day of the program commenced with a comprehensive coverage of mixed design concepts, specifically Operational Amplifiers and ADC. This section includes an in-depth understanding of schematic design capture, DC and transient analysis with Virtuoso tool.
6. By the end of this session, participants have acquired a well-rounded knowledge of Mixed-signal IC design concepts and an enhanced ability to design and verify mixed-signal circuits.



**Hands-on Exposure to Mixed
Signal IC Design Using Cadence EDA Tool held on 29th Jan 2024**

Event title	Embedded Systems and IOT Design
Event Category	Partial delivery of the Course by Industry Expert
Date and Duration	24 th Feb 2024
Department	ECE
Co-ordinators	Dr D Selvakumar, ASP – ECE Mr R Rajaraja, AP(Sr) - ECE Ms D Archana, AP(Sr) - ECE
Guest Speaker/ Session Chair	Mr. M. Vasanthakumar Senior Software Engineer Electrification ASW Development Bosch Global Software Technologies, Coimbatore
No. of Participants	44 students

1. The Department of Electronics and Communication conducted a partial delivery of the course "Embedded Systems and IoT Design" on 24th February 2024. Mr. M. Vasanthakumar from Bosch delivered the lecture. The session lasted for 4 hours, from 8:30 am to 12:30 pm.
2. During the first half of the session, an introduction was given regarding different types of embedded systems, common architectures, datasheets of microcontrollers, and programming languages.
3. Master-slave communication of multiple output single-input systems was taught in detail. Peripherals in embedded systems such as SPI, UART, I2C, etc., their speed, and the scenarios for using them were explained.
4. During the second half, the ARM Cortex M4 processor (CC3200), its architecture, uses of various pins, and hands-on programming of the processor were covered. Students were given insights into the application of their learnings in the industry. Overall, the guest lecture was useful and highly informative.



Mr. M. Vasanthakumar, delivering the lecture to III Year ECE students held on 24th Feb 2024

Event title	“VAC304 – Youth Empowerment & Skill”
Event Category	Academics (Value Added Course)
Date and Duration	04 th March to 06 th March 2024 & 15 hrs
Co-ordinators	Ms. S. Puvaneswari, Student Counsellor, Wellness Centre. Mr. P. Balakumar, Placement officer
Chief Guest / Resource Person	Ms Sarirekha Vengatesh, Faculty, Art of Living Ms Poornima Devi T. M, Faculty, Art of Living Ms Ramya Rajeshkar, Faculty, Art of Living Mr Ajay Kumar, Faculty, Art of Living Dr. Jayanthi, Faculty, Art of Living Ms Latha Muthukrishnan, Faculty, Art of Living Ms Manju, Faculty, Art of Living Mr Manickavasgham, Volunteer, Art of Living
No. of Participants	479 students

1. The VAC304 course on "Youth Empowerment & Skill" is a collaborative effort between the Wellness Centre and the Career Development Centre.
2. The course aims to empower first-year (II semester) students in various aspects essential for personal and professional growth. It was conducted in association with "The Art of Living" Organization and focused on enhancing communication skills, leadership qualities, emotional intelligence, ethics, and included a special module on drug awareness.
3. This comprehensive approach addresses both internal aspects such as self-awareness, emotional stability, and mindfulness, as well as external factors like effective communication, leadership qualities, and ethical decision-making.
4. The inclusion of the drug awareness module reflects a holistic approach toward empowering young individuals to make informed choices and lead balanced lives.



Active participation by students during the conduct of value added course held on 4th March 2024

Event Title	Application Development using Arduino
Event Category	Workshop
Date and Duration	06 th to 08 th March 2024 & Three Days
Department	B.E. CSE & B.Tech CSBS (1 st Year students)
Co-ordinators	Dr.S.Hemkiran (AP/CSE), Dr.S.Vaishnavi (AP/CSE), Ms.V.Vilasini (AP/CSE), Ms.M.Karthigha (AP/CSE)
Chief guest / Resource person/ Keynote Speaker	Dr V Anantha Narayanan (JRM Technologies, Coimbatore) P Pradeep Kumar (Technical Consultant, JRM Technologies, Coimbatore) Mr.K.Ilanchezhian (Manager -Technical, Mathiimigal Technologies, Bengaluru)
No of Participants	113 students

1. Dr.R.Manimegalai, HoD (CSE) welcomed the gathering. It is a lively session that delved into the world of Arduino, a versatile open-source platform for creating interactive electronics projects.
2. Participants delved into hands-on projects such as connecting sensors, actuators, LEDs, buttons, switches, and other components to create interactive and responsive applications.
3. The workshop aimed to demystify the complexities of hardware development, providing practical insights into designing and implementing Arduino-based solutions.
4. It will help the attendees gain knowledge about ubiquity in daily life, industrial automation, medical devices, automotive innovations, communication and connectivity, aerospace, defense, and consumer electronics. This workshop highlighted the significance of real-world applications developed during this exploration, from IoT devices to interactive installations.
5. These examples showcase the adaptability and scalability of Arduino in diverse contexts. The workshop was incredibly engaging and interactive, offering immensely beneficial insights on Arduino and IoT that helps the attendees in their careers.



Participants along with the resource person during the conduct of Value Added Course on 6th March 2024

Event Title	23VAC03 – Virtual Instrumentation and Sensor Interfacing using LabVIEW
Event Category	Value Added Course
Date and Duration	11 th to 14 th March 2024
Department	ECE
Co-ordinators and Resource Persons	Dr M Jothibas, AP, ECE Ms M Deepa, AP, ECE Ms D Archana, AP, ECE
No. of Participants	65

1. The value-added course was conducted for second-year ECE students from 11th to 14th March 2024.
2. The sessions covered the basics of LabVIEW programming, including loops and structures, arrays, and clusters in LabVIEW.
3. The basics of sensor interfacing along with graphical plotting were introduced to the students.
4. The students were able to adapt conveniently to the graphical programming environment and translate their logic using blocks available in LabVIEW.
5. An assessment test was conducted at the end of the session.



Value Added Course on Virtual Instrumentation and Sensor Interfacing using LabVIEW on 11th March 2024

Event title	Career Guidance
Event Category	Guest Lecture
Date and Duration	23 rd March 2024 & One hour
Department	Civil Engineering
Co-ordinators	Dr Karthick J, Assistant Professor (Sr.Gr), Civil Department
Chief Guest/ Resource Person/ Keynote Speaker	Ms. V. Sruthi Nivaashini M.E (Environment), University of Ottawa, Canada. (2017-2021 Batch - Alumni)
No. of Participants	I Year Civil - 45 II Year Civil - 49 III Year Civil - 122 One Hundred and Thirty-Two Students

1. The lecture started with a moment of reflection and unity through a soulful prayer song. Dr.M.I.Abdul Aleem, Professor and Head, Civil Engineering, welcomed the chief guest and gave an account of her achievements.
2. The chief guest, Ms. V. Sruthi Nivaashini, M.E (Environment) from the University of Ottawa, Canada, explained about higher studies exams such as IELTS and GMAT, which play a crucial role in shaping individuals' academic paths and career trajectories. She also emphasized the importance of English proficiency.
3. Ms.V.Sruthi Nivaashini engaged and interacted with students, clarifying their doubts regarding exams, job fairs, opportunities abroad, university selection, etc. She also explained the importance of conducting projects and publishing papers in one's area of interest.
4. The event concluded with a vote of thanks, and finally, Dr.M.I.Abdul Aleem, Head of the Department of Civil Engineering, presented a memento to the chief guest as a token of appreciation.



The chief guest Ms. V. Sruthi Nivaashini delivering the lecture on 23rd March 2024

Research:

Event title	Two day workshop on Journal paper writing
Event Category	Research
Date and Duration	22 nd and 23 rd March 2024
Department	Mechanical Engineering
Co-ordinators	Dr Manoj Kumar P Dr Rajeshkumar G Department of Mechanical Engineering
Chief Guest/ Resource Person/ Keynote Speaker	Dr S Shankar Professor and Head Department of Mechatronics Engineering Kongu Engineering College
No. of Participants	16

1. Dr.S.Shankar started the session on identifying simple research problems and providing simple solutions for them. He also stressed the importance of choosing a research area based on the facilities available in the institute or those easily accessible nearby.
2. He also provided insights into the content to be included when submitting journal papers for easy acceptance of publication.
3. Dr. S.Shankar discussed the importance of review papers and how they should be written for the benefit of the scientific community.
4. Additionally, he provided an overview of research proposal writing.



Dr S Shankar, addressing the participants during the ‘Two day workshop on ‘Journal Paper Writing’

Professional Society and Club Activity

Event title	National Youth Day 2024
Event Category	Club Activity
Date and Duration	10 th January 2024 & 1 Day
Organized by	Institution's Innovation Council, PSG iTech Launchpad
Co-ordinators	Dr.Sakthivel T - AP(SI.Gr.)/CE and Ms.Susithra N- AP(Sr.Gr.)/ECE
Guest Speaker	Dr Vaishnavee S Proprietor, PNK SRT Bus Transports, Tirupur Co-Chair YI Yuva Coimbatore
No. of Participants	70

1. India celebrates National Youth Day on January 12th every year, commemorating Swami Vivekananda on his birthday. The Institute Innovation Council (IIC) organized a talk on “Entrepreneurship for Today's Youth, Why and How” by Dr. Vaishnavee S, Proprietor of PNK SRT Bus Transports and Textile manufacturing and exports in Tirupur, and YI Yuva Co-Chair for 2024. Dr. T. Sakthivel, President of IIC, welcomed the gathering.
2. Dr. Vaishnavee S delivered a talk titled “Entrepreneurship for Today's Youth, Why and How”, emphasizing the important qualities one should develop and practice to have an entrepreneurial mindset. Key qualities such as understanding market psychology, strategizing, innovative thinking, identifying gaps, setting small goals, understanding the holistic perspective, and, most importantly, prioritizing oneself were emphasized with various examples and anecdotes. The talk was truly motivating for the students.
3. Ms. N. Susithra, Vice-President of IIC, thanked the guest and welcomed the students to come forward as part of IIC and benefit from attending and organizing more such events. Interested students enrolled to become members of IIC.
4. Dr. G. Santhanamari, ASP ECE, and Dr. V. C. Mahavishnu, AP (Sr Gr) CSE, presented a memento to the chief guest.



Dr. Vaishnavee S being honoured by the IIC co-ordinators after the talk titled, “Entrepreneurship for today's youth, why and how” for the National Youth Day celebration on 10th Jan 2024

Event title	National Science Day Celebration
Event Category	Guest Lecture and IIC Celebration Activity
Date and Duration	02 nd March 2024
Department	II Year Students
Co-ordinators	Dr. Sakthivel T., AP (Sl. Gr.)/Civil Engg. Ms. Susithra N., AP (Sn. Gr)/ECE
Chief Guest	Dr. Suresh Kumar G.S. Senior Project Associate at CSIR- National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram
No. of Participants	52

1. Dr.Sakthivel T, AP (Civil) extended a warm welcome to both the students and the esteemed chief guest, Dr.Suresh Kumar G S, Senior Project Associate at CSIR-National Institute for Interdisciplinary Science and Technology, for the celebration of National Science Day on 2nd March 2024.
2. In his speech, Dr. Suresh Kumar G.S. detailed the importance of investing in indigenous development. Countries can tailor these solutions to their specific needs, enhance national security, protect consumers from counterfeit products, and stimulate innovation and economic growth within the domestic anti-counterfeiting industry.
3. He also emphasized that indigenous development ensures that a nation has control over its own anti-counterfeiting solutions, reducing dependency on foreign technologies and safeguarding against potential vulnerabilities in imported systems.
4. Smart materials and technologies offer advanced features such as unique identifiers, tamper-evident features, and real-time tracking capabilities, making them highly effective in combating counterfeiting.
5. Ms. Susithra N, AP (Senior Grade) in ECE, thanked the chief guest, and Dr.Maruthamuthu S, HoD i/c, Physics, felicitated the guest with a memento, marking the formal end of the program.



Dr. Suresh Kumar, Senior Project Associate at CSIR- National Institute for Interdisciplinary Science and Technology addressing the gathering

Invited Lecture:

Event title	"Intensive Startup Skills Training Programme – 2024 "
Date and Duration	05 th – 07 th February, 2024 & Three days
Training Topic	Hands on Training in 3D Printing for Veterinary Domain
Venue	TamilNadu Veterinary and Animal Sciences University (TANUVAS), Chennai
Resource Person	Dr Nagarjun J, AP/MECH
No. of Startup Registered	23
No. of Startups Participated	23

1. The Veterinary Incubation Foundation at TANUVAS organized a 7-Day Intensive Startup Skills Training program (ISST-2024) from 5th to 12th February 2024.
2. The initial three days were dedicated exclusively to hands-on training in 3D Printing for startup companies.
3. Dr. Nagarjun J was invited as the resource person for the hands-on 3D Printing Training program. The training was designed to provide participants with a comprehensive understanding of the applications of 3D printing in the biomedical domain.
4. Approximately 20 startup companies participated in the program.
5. The prominent startups in the biomedical domain were introduced to the concepts and applications of 3D printing.
6. Participants received training in design for Additive Manufacturing. Additionally, they were provided hands-on training in scanning, slicing, and building software that supplements 3D printing.



Dr Nagarjun J delivering the introduction on 3D Printing Technology during hands-on training

Capacity Building

Event title	Karakuri Kaizen
Event Category	Training Programme
Date and Duration	23 rd & 24 th January 2024 & Two Days
Department	Mechanical
Co-ordinator	Dr S Nanthakumar, Assistant Professor, Mechanical Department
Resource Persons	Mr Thejkumar, Vice president Toyota Gosei, Bangalore. Dr S Nanthakumar, Assistant Professor, Mechanical Department Dr G Rajeshkumar, Associate Professor, Mechanical Department, Mr M Senthilvel, Assistant Professor, Mechanical Department
No. of Participants Registered	30
No. of participants Attended	30

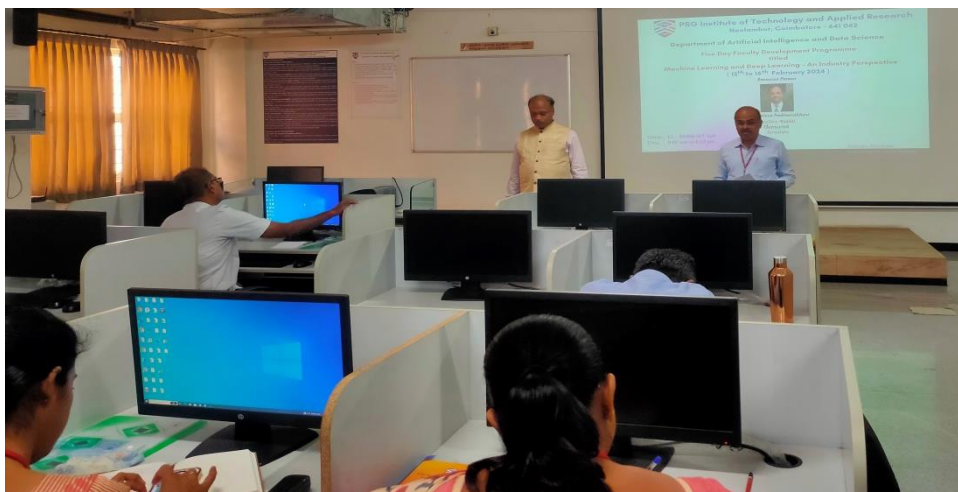
1. The two-day in house karakuri kaizen training programme for Ashirvad pipes, Bangalore started with the welcome address by Mr Nitin Bahtia, Head Operation, Ashirvad Pipes, Bangalore. Mr W S Satchidanandam, Adviser, MSMRs & Patron gave the welcome address and briefed about the programme. He stressed the importance of the workshop. The first session of Day 1 was handled by Dr S Nanthakumar on pulleys and its applications in industries.
2. The next session was handled by Dr G Rajeshkumar on the topic “Gears and Springs”. The third session was on the topic “Ramp” by Mr M Senthilvel. The fourth session was on the topic “Karakuri kaizen – Experience sharing” by Mr Thejkumar, Vice President, Toyota Godsei, Bangalore. The day came to an end with the session on hands-on exercise called “Origami”.
3. Day 2 started with the session “My Karakuri experience” by Mr Suresh, Former Executive Director, Toyota Godsei, Bangalore. The second session was handled by Mr Venugopal, Leantech, Bangalore. He shared his karakuri experience and his consulting works with industries. The third session was “Laboratory exercise” where participants need to dismantle the given assembly and assemble back.
4. Finally, the workshop ended with the valediction function headed by Mr Rajesh Prim, TPM Consultant, Ashirvad pipes, Bangalore. All the participants shared their feedback and gave a positive note to the workshop. Certificates were distributed to all participants.



Group photo with the participants on 24th Jan 2024

Event title	Machine Learning and Deep Learning - An Industry Perspective
Event Category	Faculty Development Programme
Date and Duration	12 th Feb 2024 to 16 th Feb 2024 (Five Day)
Department	AI & DS
Co-ordinators	Dr. S. Lokesh, Associate Professor – AI&DS Mr. N. Adhithyaa, AP(SG) - AI&DS
Resource Persons	Dr. Srinivas Padmanabhuni, Intellect/Buddhi, aiansured, Bengaluru
No. of Participants	26

1. Dr P Vijayakumar, Head of the Department – AI&DS, welcomed the gathering and introduced the resource person of this FDP.
2. Dr. Srinivas Padmanabhuni, Intellect/Buddhi, aiansured, Bengaluru has shared his knowledge on AI, Machine Learning and Deep Learning - An Industry Perspective along with hands on training on various Machine Learning Algorithms with real time application and tools.
3. He provided practical training on a range of machine learning algorithms with real-time tools.



**Dr P Vijayakumar, Head of the Department, AI&DS welcomed the gathering and introduced the resource person
Dr. Srinivas Padmanabhuni, Intellect/Buddhi, aiansured, Bengaluru on 12th Feb 2024**

Event Title	Physics in Engineering and Technology
Event Category	Faculty Development Programme
Date and Duration	12 th Feb 2024 to 16 th Feb 2024 & Five day
Department	Physics
Convener	Dr. S. Maruthamuthu, Associate Professor, Department of Physics
Organizing Secretary	Dr. D. Thangaraj, Dr. T. K. Abilasha and Dr. Deepannita Chakraborty, Department of Physics
Resource Persons	Prof. Muralidharan, Gandhigram Rural Institute Prof. Anuradha, PSGIAS Prof. Shenoy, IIT Delhi Prof. Ravichandran University of Madras Prof. Justin, NIT Trichy Prof. Sankaranarayanan, NIT Trichy Prof. Ranjith, IIT Hyderabad Prof. P.V. Mohanram, PSG iTech Prof. Shashidharan Nair, PSG Tech
No of Participants	52

1. The Department of Physics organized a five-day national-level Faculty Development Programme on “Physics in Engineering and Technology” from 12th to 16th February 2024.
2. Seven eminent experts from institutes of national importance such as IITD, IITM, IITH, NITT, the University of Madras, the Gandhigram Rural Institute, and PSGIAS were invited to share their experience on the basics, advances, and applications in the fields of Semiconductors, Quantum Mechanics, Crystallography, Dielectrics, and Magnetic Materials.
3. Research lab visits to PSGIAS and the Centre for Excellence, along with teaching pedagogy and psychological well-being sessions by Prof. P.V. Mohanram, Secretary, PSGiTech provided a good platform for sharing synergy with experts, passionate teaching faculties, and focused research scholars.
4. The final day ended with a talk on Industry 5.0, which refers to people working alongside robots and smart machines. On the fifth day of the valedictory function, certificates were issued to the participants, and feedback was collected.



Group photo session with Prof. Ranjith, IITH, during the five day faculty development programme on “Physics in Engineering and Technology” on 16th Feb 2024

Event title	Mentoring and Counselling Skills for Teacher
Event Category	Faculty Development Programme
Date and Duration	19 th Feb 2024 to 23 rd Feb 2024 (Five Day)
Department	College
Co-ordinators	Dr Chitra V, Associate Professor, Mathematics Dr Jothibas M, Assistant Professor (Sl.Gr), ECE Department
Resource Person	Dr. S Renuka Devi, Professor & Head Department of Education, NITTTR, Chennai Ms. Kavitha Dhamodharan, Leadership Coach and Corporate Trainer, Chennai
No. of Participants	40

1. The Centre for Teaching-Learning Practices (CTLP) in association with the National Institute of Technical Teachers Training and Research (NITTTR), Chennai, organized a Five Day FDP on "Mentoring and Counselling Skills for Teachers" from 19th – 23rd February 2024.
2. The inaugural day commenced with a warm welcome address by Dr. C L Vasu, Dean (Academics) and HoD/EEE, who set the tone for the event by emphasizing the significance of mentoring and counselling in the educational landscape. The programme featured a rich array of activities led by expert from NITTTR, Dr. S Renuka Devi, Professor & Head, Department of Education, NITTTR, Chennai, who shared her experiences, insights, and practical wisdom with the participants.
3. Additionally, Ms. Kavitha Dhamodharan, a distinguished Leadership Coach and Corporate Trainer from Chennai, brought a fresh perspective to the programme. She provided insights into the principles of NLP and demonstrated how they can be effectively applied in educational settings.
4. On the final day of the programme, Dr. N. Saravanakumar, the Principal, addressed the participants and provided valuable feedback on the programme. He commended the efforts of the experts and expressed appreciation for their contributions towards enhancing the mentoring and counselling skills of the faculty members.
5. Dr. Jothibas M, AP/ECE and CTLP coordinator extended heartfelt thanks to PSG Management, Principal and all the participants and experts for their active participation and contributions throughout the programme.



Dr N Saravanakaumar , Principal, PSGiTech delivered the Keynote address and presented a memento to the resource person Dr. S Renuka Devi, Professor & Head , Department of Education, NITTTR , Chennai on 23rd Feb 2024

Event title	Electric Vehicle System-level Modeling and simulation using MATLAB and Simulink
Event Category	Faculty Development Programme
Date and Duration	19 th Feb to 23 rd Feb 2024 (Five Day)
Department	EEE
Co-ordinators	Mr S Ravikrishna, Asst Prof (Sl. Gr.) EEE, PSG iTech
Chief Guest/Resource Team/ Keynote Speaker	Mathworks Team
No. of Participants	48

1. Ms./Mrs.D Blandina Miracle, Deputy General Manager, ESDM from ICT Academy gave the introduction speech and started the workshop. Throughout the Electric Vehicle (EV) workshop, participants underwent a comprehensive journey over five days.
2. In the initial phase, foundational concepts including programming, numerical methods for solving Ordinary Differential Equations (ODEs), and simplified vehicle modelling were covered, complemented by hands-on practice sessions.
3. As the workshop progressed, emphasis shifted towards Model-Based Design principles, advanced simulation techniques, and integration methods. Participants explored topics such as control system design, power electronics simulation, motor control, battery modelling, and thermal management, with practical exercises reinforcing theoretical understanding.
4. In the workshop's later stages, participants explored advanced topics like battery management, vehicle powertrain simulation, and system-level design. They applied their knowledge in interactive sessions and design projects to create Electric Vehicle System Configurations, culminating in hands-on practice to solidify skills.
5. On the workshop's last day, participants provided feedback, expressing appreciation for the valuable insights gained. The MathWorks team concluded by encouraging continued learning and exploration in Electric Vehicle System-Level Modelling and Simulation.



**Mathworks Team, Coordinators and all faculty members group photo on
23rd February 2024**

Event title	"Certification ceremony of SIMS MEC Professional Development course"
Event Category	Valediction Function
Date and Duration	19 th Feb 24 & One day
Department	Mechanical
Co-ordinators	Dr S Nanthakumar, Assistant Professor, Mechanical Department
Chief Guest	Mr R Saravanan, Managing Director, Sandfits, Pvt Ltd, Coimbatore
No. of Participants Registered	30
No. of participants Attended	30

1. The Department of Mechanical Engineering, PSG iTech, along with Sandfits Foundries Pvt Ltd, Coimbatore, organized a Professional Development course on Manufacturing Engineering for M/s Sandfits Foundries Pvt Ltd for four batches (Batch I, II, III, and IV) from December 15, 2021, to February 1, 2024. About 15 to 20 industry participants per batch, totaling about 60 participants, have successfully completed the program (from 2021 to 2023).
2. The Certification ceremony of SIMS MEC Professional Development course began with a prayer song, followed by the welcome address by Mr. K. Srinivasan, Senior Manager, Sand fits.
3. Dr. N. Saravanakumar, Principal, PSG iTech, welcomed the chief guest and gave an overview of the SIMS course.
4. Mr. R. Saravanan, Managing Director, Sandfits Foundries Pvt Ltd delivered the chief guest's address and congratulated all the graduates for their successful completion of the course. He stressed the importance of the course for their career development in the future.
5. Dr. K. Pramila, Head of Department, English, PSG iTech, shared her experience with the Sandfits team and wished the entire team for their successful completion.
6. Mr. Premkumar, Maintenance Engineer at Sandfits Foundries Pvt Ltd shared his experience and provided feedback about the program. Certificates and mark lists were distributed to all successful candidates by the Chief guest and Principal. All faculty and staff were honored with a special memento by the Sandfits team. Finally, the session ended with a vote of thanks by Mr. V. Prabakaran, Trainee Engineer, Sand fits.



Dr N Saravanakumar, Principal distributing a certificate to the participant on 19th Feb 24

Other Major Events

Event title	5 th Graduation Day
Event Category	Graduation Day for 2018-22 Batch
Date and Duration	5 th January 2024 & One Day
Department	College
Co-ordinators	EEE Department
Chief Guest/ Resource Person/ Keynote Speaker	Prof Sarathi, Dean (Planning), IIT Madras
No. of Participants	320

1. Dr P V Mohanram, Secretary, PSGiTech welcomed the gathering and highlighted the significant achievements made by students and faculty. He stated that PSG iTech serves as an instrument of transformation for the region and nation.
2. Shri L. Gopalakrishnan, Managing Trustee, PSG & Sons' Charities presided over the ceremony and also, he administered the graduation day pledge.
3. Chief Guest, Prof Sarathi, Dean (Planning), IIT Madras, distributed the awards for the graduates. In his commencement address, he congratulated all the graduates for their efforts and parents and teachers for rendering their continuous support to the students in all aspects.
4. Dr N Saravanakumar, Principal (i/c), Deans, Heads of department, faculty and staff members were present during the function.



Prof Sarathi, Dean (Planning), IIT Madras awarded the degree to Ms R Nivedha, Gold medalist, Department of Civil Engineering on 5th January 2024

Event title	5 th Alumni Meet
Event Category	Annual Alumni Meet
Date and Duration	20 th January 2024 & One Day
Department	Alumni Association
Co-ordinators	Dr. M. Sathiyathan, Associate Professor, EEE
No. of Participants	86

1. Mr G Vijay Jayaram, Secretary, of PSGiTech Alumni Association welcomed the gathering and highlighted the significant achievements made by alumni.
2. Dr.N.Saravanakumar, Principal (i/c), delivered a presidential address and highlighted the achievements of PSGiTech in academics and placements. He mentioned that PSGiTech students are consistently performing well in the Anna University exams and mentioned that the sixty-one university rank holders, and three gold medallists in 2018-22 batch.
3. Ms.S.Srinidhi Thangam, Joint Secretary of the PSGiTech Alumni Association presented the various alumni awards and criteria for selection for the academic year 2024-25.
4. Ms.R.Atchaya, Batch Coordinator 2016-20 Batch CSE, delivered the activities plan for the year 2024-25.
5. Dr.G.Chandramohan, Director of Examinations, PSG Institution have highlighted the transformation of PSGiTech in the past 9 years.
6. Alumni have shared their memorable moments during the college days and thanked the faculty members. Deans, HoDs, Faculty members and Dr. M. Sathiyathan, Alumni Association Coordinator were also present during this function.
7. Mr. S. U Navaneetha Krishnan, President, delivered the vote of thanks.



Dr. N. Saravanakumar, Principal (i/c), delivering presidential address during 5th Alumni Meet on 20th Jan 2024

Event title	Hosting of International Rover Challenge (IRC) and International Space Drone Challenge (ISDC) 2024 finals at PSG iTech
Event Category	Co-Curricular
Date and Duration	24 th to 29 th January, 2024
Department	Mech, EEE, Civil, ECE, CSE
Co-ordinators	Mr Ravikrishna S, AP/EEE, Dr Rajkumar R, ASP/CIVIL, Mr Rajaraja R, AP/ECE, Mr Shabariram C P, AP/CSE and students of Team Aurora
Chief Guest/ Resource Person/ Keynote Speaker	Mr Sagar Daka, Founder, SPROS, Ms Justyna Pelc, Member, SPROS, Ms Adrianna Oracz, Member, SPROS
Guest Speaker/ Session Chair	Chaired by Dr Nagarjun J, AP/MECH.
No. of Participants	640

1. The IRC Finals, which span over six days, consist of four different field missions:
 - The Reconnaissance and Delivery Operation
 - The Instrument Deployment and Maintenance Operation
 - The Astrobiology Expedition
 - The Autonomous Expedition
2. These missions are conducted within a specially designed 10,000 square-meter simulated landscape known as Sproscape.
3. Sproscape features various topographical elements, including craters, mounts, rocky gardens, rifts, quarry fines, etc. It is the world's largest arena of its kind. Sproscape was developed inside the campus of PSG iTech for the event.



Lamp Lighting during the opening ceremony from left Dr Nagarjun J, IRC Chairperson 2024, Dr Mohanram P V, Secretary, PSG iTech, Mr Sagar Daka, Founder, SPROS, Ms Justyna Pelc, Member, SPROS, Ms Adrianna Oracz, Member, SPROS, Dr Saravanakumar, Principal, PSG iTech

Event title	75 th Republic Day Celebration: 2024
Event Category	College
Date and Duration	26.01.2024 and 8:00 am to 8:45 am
Participants	NCC Cadets and students, parents, faculty members

1. The 75th Republic Day celebration at PSG iTech's central courtyard was a vibrant and memorable event that brought together students, faculty, and staff in a spirit of national pride and unity.
2. The proceedings commenced with the arrival of Dr. P.V. Mohanram, Secretary of PSG iTech, who served as the esteemed Chief Guest for the occasion. The unfurling of the national flag accompanied by the national anthem evoked a sense of pride and patriotism.
3. The NCC parade that followed, led by Cadet Under Officer Mr Tanish Padmanadhan from 6 Tamil Nadu Medical Company and Cadet Under Officer, Ms Nitya S from 5 Tamil Nadu Girls Battalion NCC, exemplified the spirit of discipline and dedication to serving the nation. The formal segment of the celebration began with a warm welcome address by Ms Sivaani Srinivasan Gurusami, Secretary of the Students' Union, who expressed gratitude to the gathering for their participation.
4. The atmosphere was further heightened by a stirring patriotic song performed by Ms Harita M from ECE - III year and Ms Ramya A from CSE - III year, followed by a captivating dance performance by Ms Srinivasavi K and Ms Yuvashree K, both from EEE - III year, reflecting the cultural diversity of India. Dr. P.V. Mohanram's address reflected on the significance of Republic Day and the enduring values enshrined in the Indian Constitution.
5. Following the Chief Guest's address, prizes were distributed to the participants, recognizing their contributions and talents. Mr Karupanasamy V, Secretary of the Students' Union, concluded the event with a heartfelt vote of thanks.



Unfluring of National Flag on 26th Jan 2024

Event title	PSG iTech Expo'24
Event Category	College
Date and Duration	09.02.2024 to 10.02.2024 – 2 days
Co-ordinators	Dr.M.I.Abdul Aleem, Prof and Head/Civil Dr. P. Manoj Kumar (Professor/Mech) Dr.R.S.Sankarasubramanian, Prof/Mathematics Dr. V. C. Maha Vishnu (AP Sr.Gr./CSE) Dr.N.Divyah, AP/Civil
Chief Guest/ Resource Person/ Keynote Speaker	Mr. Obuli Chandran R, Founder and CEO, Mango Education, Head of Mango Astronomy Club, Coimbatore
No. of Participants	Student Project contest : 46 PSG iTech Expo : 1602

1. Dr. N. Saravanakumar, Principal, PSG iTech and Dr M I Abdul Aleem, HOD/Civil Engineering, presided over the event on 09.02.2024 (Day one) at Mechanical Seminal Hall by 09:30 am.
2. PSG iTech Expo'24 featured two distinct categories: Student project contest and PSG iTech Expo; aligned with the overarching theme of "Eco-friendly and Sustainable Development.
3. On the second day (10.02.2024), the Valedictory Ceremony was presided over by Dr P V Mohanram, Secretary PSG iTech. He appreciated the student's and teachers' active participation and creativity in addressing environmental challenges with current technology.
4. The school students of Grades 6 to 8 (Category 1) and Grades 9 to 12 (Category 2) presented their projects in the student project contest. Cash prizes of Rs.20,000, Rs.10,000 and Rs.5,000 were awarded for the First, Second and Third Places in each category.
5. The Secretary, Principal, Deans and HODs awarded the Cash prizes to the participants. Dr N Divyah, AP/Civil Engineering, proposed the vote of thanks.
6. The event ignited interest among school students in engineering and science, shaping the next generation of innovators and problem-solvers.



Inauguration by Mr. Obuli Chandran R, Founder and CEO, Mango Education, Head of Mango, Astronomy Club, Coimbatore on 09th Feb 2024

Event title	NBA Compliance Visit
Event Category	IQAC - NBA Accreditation Extension
Date and Duration	2.03.2024
Departments	Civil, CSE EEE, ECE & Mech
Co-ordinators	Dr R Ramesh & Dr E.Malar
Expert Members	Dr G L Datta, Head of Expert team

1. An Expert Committee from National Board of Accreditation headed by Dr G L Datta visited PSG iTech to extent accreditation status of five already accredited UG Engineering programs offered by the institution.
2. The expert committee visit started with welcome note by Principal Dr N Saravanakumar and followed by introducing Director IQAC and Heads of Departments to Expert Committee.
3. All the files pertaining to NBA audit were verified in the board room.
4. Faculty with research background were interviewed seperately to present their research contribution.
5. Departments of CSE, ECE and EEE were inspected in the forenoon session and Departments of Civil and Mechanical were inspected in the afternoon session.
6. The expert members verified higher education details and placement of students by calling them in-person through phone.
7. The Expert Committee meeting concluded with a vote of thanks by Principal Dr N Saravanakumar and Secretary, Dr P V Mohanram.



NBA Compliance visit on 2nd March 2024

Event title	eYantra Innovation Challenge2024
Date and Duration	7 th March 2024 & One Day
Department	EEE
Co-ordinators	Dr Sathiyathan M, Associate Professor, EEE Department
Chief Guest/ Resource Person/ Keynote Speaker	Prof. Kavi Arya Professor, Principal Investigator e-Yantra Project, IIT- Mumbai
No. of Participants	80

1. Dr. Vasu C L, HoD of EEE, welcomed the gathering and appreciated the efforts of all the teams for reaching the eYIC finals. He also thanked the eYantra Team at IIT-Mumbai for choosing PSG iTech to host the eYIC regional finals.
2. Prof. Kavi Arya, Principal Investigator of the eYantra Project, was the Chief Guest for the event. Seven expert panel members evaluated the eYIC projects. In this competition, 9 teams from the southern region submitted their proposals.
3. The eYIC Team presented their project work to the expert team, and first-year students of PSG iTech visited the project stalls.
4. Prof. Kavi Arya, the eYantra Principal Investigator from IIT-Mumbai, thanked the event coordinators, Dr. M. Sathiyathan, Associate Professor of EEE, and student coordinators for their contributions to organize the event.



Experts from renowned Robotic industries and academicians from eLSI colleges shared their experience and a panel discussion moderated by Prof. Kavi Arya

Event title	Advaya 2024
Event category	Cultural Fest
Date and Duration	14 th March 2024
Organizer	Students' Union
Coordinator	Dr. P.Vetrivelan, Dean SU
Number of participants	800

1. PSG iTech, Coimbatore organized Advaya 2k24, a cultural fest on 14th March 2024. The guest of honour Mr.Ramachandran, COO-Propel inaugurated the event.
2. Dr. N Saravanakumar felicitated the chief guest Mr.Parthiban, MD - Bull Machines, and the guest of honour Mr.Ramachandran, COO-Propel with a memento.
3. Mr.Parthiban's speech motivated students to embrace the mindset of a young entrepreneur, emphasizing the key qualities essential for success in the professional world.
4. The cultural fest commenced with a captivating performance by the iTech music band, followed by a mesmerizing dance performance from the iTech dance crew.
5. The alumni's rhythmic dance performance enthralled the audience, creating a memorable experience for all attendees. Additionally, students showcased a range of cultural art forms including Silambam and a segment from Silappatikaram, adding to the vibrant atmosphere of the event.
6. With the sincere efforts and expertise of the student union's management, the event was a resounding success in every aspect.



Cultural performance by the students during Advaya : 2024 held on 14th March 2024

Event title	Yukta: 2024
Event category	Technical Symposium
Date and Duration	15 th & 16 March 2024 (Two Days)
Organizer	Students' Union
Coordinator	Dr. P.Vetrivelan, Dean SU
Number of participants	1694 (Day 1) & 1127 (Day 2)

1. Yukta 2024, organized by the Students' Union, witnessed a remarkable turnout, with approximately 2900 attendees actively participating in various events and activities over both days. A total of 20+ workshops were conducted, covering a wide array of topics and providing valuable insights to participants.
2. Technical enthusiasts were treated to a plethora of opportunities, with around 20+ technical events spanning different domains. In addition to the technical aspect, Yukta also embraced non-technical events, with around 20+ engaging activities catering to diverse interests and talents.
3. Day one featured a stellar performance by Mr. Vipin Violin and his band, captivating the audience with their musical prowess. Alongside the entertainment, a plethora of technical events including paper presentations, workshops, project expos, and quizzes took place across all departments.
4. The stage came alive with mesmerizing performances by Ajay Krishna, Surabi, and VJ Mahalakshmi, captivating the audience with their musical talents on Day two.
5. Each department contributed to the event's ambiance with thematic decorations, reflecting their unique identities and creativity. Throughout the event, iTech Broadcast ensured seamless coordination, orchestrating proceedings flawlessly.
6. In conclusion, Yukta was a resounding success, leaving participants enthralled and satisfied with the diverse array of experiences offered. It not only showcased talent but also fostered camaraderie and celebration.



Technical Event conducted during Yukta : 24 and musical performance by Mr Vipin on 15th March 2024

Event title	“Health Management and life principles for women” Women’s Day Celebration 2024
Event Category	Major Event
Date and Duration	23 rd March 2024
Department	Women Empowerment Cell (WEC)
Co-ordinators	Dr. Deepannita Chakraborty, Assistant Professor, Physics
Convener	Dr.R.Manimegalai, Chairperson, WEC
Resource Person	Dr. K Banumathi, Director, PSG VishnuGranthi
No. of Participants	112

1. Ms. Hari Nandana, Joint Secretary of WEC, welcomed the Chief Guest, Dr. K. Banumathi, Director of PSG Vishnu Granthi. Dr. R. Manimegalai, Chairperson of WEC, delivered the welcome address.
2. Dr. K. Banumathi explained Maslow’s hierarchy of needs, such as safety, psychological friendship, and belongings. She also emphasized the importance of never saying “NO” to anything, as it can be the most negative thing that resembles eliminating oneself from their lives. Additionally, she stressed the significance of "Decision Making" in Management principles.
3. Various events were conducted by partnering clubs, namely the Pushti Club, Tulika club, and Ainthinai Tamil Mandram. Prize winners, along with the iTech music band and dance crew, were felicitated by Dr. Banumathi and Dr. Manimegalai.
4. Cultural performances of dance and music were presented by the PSG iTech Dance club and iTech Music Band.
5. The session concluded with a cheerful performance by the music band and a soulful performance by the dance crew. Ms. Subhasini of II CSE delivered the vote of thanks.



Dr. R. Manimegalai presenting a memento to the chief guest on 23rd March 2024

Event Title	Mini Marathon
Date and Duration	26 th March 2024 & 1 hour
Department	Physical Education
Coordinator	Mr A Robinson, Physical Education Director Mr Eashwar, Assistant Physical Director
No. of Participants	135

1. Mini Marathon (2.5 kms and 3 kms run) was held at PSG iTech on 26th March 2024. Before the commencement of the event, Mr. Eashwar, Assistant Physical Director shared some general instructions about the event to the participants. Principal Dr. N. Saravanakumar led the event.
2. The event kick started at Staff Quarters' Main Gate by 5.00 pm and ended at PSG iTech Outdoor Sports Complex by 5.30 pm.
3. Dr. N. Saravanakumar, Principal congratulated all the participants at the end of the event for participating and making the event, a successful one. Finally, refreshments were provided to all the participants.



Dr. N. Saravanakumar, Principal, PSG iTech along with participants during the PSG iTech Mini Marathon event held on 26th March 2024

Event title	Micro-Teaching
Event Category	Teaching-Learning Practice-Micro Teaching
Date and Duration	28 th March 2024
Department	College Event
Coordinators	Dr V Chitra, Associate Professor, Mathematics Dr Jothibas M, Assistant Professor (Sl.Gr), ECE Department
Chief Guest/ Experts	External Expert: Dr.T. Hamsapriya, Visiting Professor Internal Experts: Dr.P.V.Mohanram, Secretary Dr.N.Saravanakumar, Principal Dr.C.L.Vasu, Dean-Academics Dr.P.Vijayakumar, Dean-Electrical & Computer Engg. Head of the Departments
No. of Participants	14

1. The Micro Teaching Evaluation, conducted on 28th March 2024, aimed to assess and enhance the teaching skills of faculty members at PSG iTech. This evaluative process focused on providing constructive feedback and insights to educators participating in microteaching sessions.
2. The evaluation included 14 faculty members from diverse departments, contributing to a rich and varied representation of teaching styles and methodologies. These sessions were observed by experienced educators, designated evaluators who provided feedback based on predefined criteria.
3. The microteaching sessions showcased a range of teaching styles and strengths among the participants. Positive aspects included clear communication, effective use of teaching aids, and engaging interaction with students.
4. However, areas for improvement were identified, such as refining questioning techniques, enhancing classroom management strategies, and adapting teaching methods to address diverse learning styles.
5. Overall, participants demonstrated a commitment to continuous improvement, as evidenced by their willingness to receive feedback and engagement in discussions about refining their teaching approaches.



Dr. A. R. Pappu, AP/Mech during her Micro Teaching Session on 28th March 2024