

PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH

Quarterly Report (July to September 2023)

Events Organized:

ACADEMICS:

Event title	Micro-teaching
Date and Duration	13 th , 17 th , 22 nd & 27 th July 2023
Department	For all Engineering departments
Co-ordinator	Dr K Balaji, Associate Professor Department of Chemistry
External Experts	Dr. P. Vinayagam, Professor, Coimbatore Institute of Technology. Dr. V. Krishnaraj, Professor, PSG College of Technology. Dr. T. Hamsapriya, Visiting Professor, PSG CARE. Dr. V. Lakshmi Prabha, Academic Consultant, PSG Institutions. Dr. M. Sundaram, Associate Professor, PSG College of Technology.
No. of Participants	28

1. A workshop on “Micro Teaching” for theory classes was organized in our campus during 13th, 17th, 22nd, 27th July 2023.
2. Totally twenty eight faculty members across all the engineering departments were participated in the workshop. Individual slot has been fixed to the each faculty and they handled the class for about 20 minutes in front of the panel of experts with audio and video coverage.
3. Faculty members got useful suggestions from the panel regarding teaching and learning process like preparing hour-wise lesson plan, typical handouts, tutorial problems, models and importance of hand written notes, etc.



Ms. N. Susithra / AP (Sr.Gr), ECE delivered a concept in the field of Satellite Communication in front of the panel of experts

Event title	Faculty Training Programme on “Python Programming”
Date and Duration	18 th July to 25 th July 2023 & Full Day
Department	CTLP
Co-ordinators	Dr V Chitra, Associate Professor, Mathematics Mr Jothibas M, Assistant Professor (Sl.Gr), ECE Department
Chief Guest	Mr. T. Tamilarasan, Focus Academy for Career Enhancement
No. of Participants	35

1. The Centre for Teaching-Learning Practices (CTLP) organized a seven-day faculty training program on Python Programming from July 18 to July 25, 2023. The resource person was Mr. T. Tamilarasan, Focus Academy for Career Enhancement (FACE).
2. During the inaugural address, Dr. P V. Mohanram, Secretary, PSGiTech highlighted the significance of Python in today's technology-driven world. He stressed the importance of staying updated with the latest programming languages and encouraged the faculty members to make the most of this learning opportunity.
3. Mr. T. Tamilarasan, experienced trainer from FACE Training Academy, played a pivotal role in delivering an enriching training to the faculty members.
4. He encouraged active participation and problem-solving, creating an engaging and collaborative learning environment. During the training program, Mr. Tamilarasan provided hands-on training on fundamental concepts of Python, Python statements, Python data structures, strings, and functions. Additionally, faculty members were equipped with modules and assessments in Faceprep, a valuable resource to continue their skill development beyond the training program.
5. Mr. M Jothibas, Assistant Professor (Selection Grade), Department of ECE summarized the key points discussed during the training program.



Mr. T. Tamilarasan, Trainer Focus Academy for Career Enhancement (FACE), with faculty members during the seven-day Faculty Training Program on Python Programming from July 18 to 25 July 2023

Event title	FDP on “VLSI and Chip Design”
Date	24 th to 29 th July 2023
Department	ECE
Co-ordinators	Dr P Vetrivelan, Dr M Jayasanthi, ECE
Chief Guest/ Resource Person/ Keynote Speaker	<ul style="list-style-type: none"> • Dr.D.Nirmal, Head- ECE, Karunya Institute of Technology and Sciences • Dr. Manoj, AP-ECE, Karunya Institute of Technology and Sciences • Dr.G.Chandramohan, Director, Examinations, PSG Institutions • Dr.M.Jayasanthi, ASP-ECE, PSG iTech • Dr.P.Kalpana, Professor, PSG College of Technology • Dr.J.Ramesh, Prof-ECE, PSG College of Technology • Dr.M.Jagadeeswari, Head- ECE, Sri Ramakrishna Engineering College • Dr.G.Lakshmi Priya, Assistant Professor, VIT Chennai • Dr.S.Padmapriya, AP, Sri Ramakrishna Engg College • Dr.R.Manimegalai, HoD-CSE, PSG iTech • Mr.Nambi J U, CTO, Lyle Technologies • Dr.P.V.Mohanram, Secretary, PSG iTech • Dr. Anita J. P., AP (S.G), ECE, Amrita School of Engineering • Dr.Saravanan, ASP- ECE, PSG College of Technology
No. of Participants	44

1. The major topics covered during the first day of the training programme on 24.7.2023, are Scaling & Fabrication challenges of MOS Transistors, Transistor Characteristics, Technology Scaling, power consumption, Transistor sizing, Logical Effort.
2. On 25.7.2023, the second day, Static and Dynamic Logic Gates, Pass Transistor Logic, Power Dissipation, Low Power Design principles, Sequential latches and flip-flops were covered.
3. On 26.7.2.23, Propagation Delays, Construction of stick diagrams, Layout diagrams for various gates and combinational logic circuits were explained clearly along with Elmore’s constant.
4. Various Interconnect Parameters existing practically along with adders, multipliers, comparators, shift registers were discussed on 27.7.2023.
5. On 28.7.2023, concepts on VLSI Testing was enlightened. ASIC Design using Verilog HDL was also described with hands on training using Xilinx Vivado software on Verilog HDL.
6. On the last day of the program, a test was conducted for the participants and Feedback was obtained. Dr.P.Vijayakumar, HoD, ECE concluded the FDTP with a valedictory note.



Group photo with participants

Event title	Introduction to Energy Auditing
Event Category	Workshop
Date and Duration	25 th & 26 th August 2023 & Two Days
Department	Mechanical
Co-ordinators	Mr Premkumar T, Assistant Professor & Mr Avinash Kumar R, Assistant Professor, Department of Mechanical Engineering
Resource Persons	Dr Manoj Kumar P, Professor, Mechanical Dept, PSG iTech Mr Premkumar T, Assistant Professor, Mech, PSG iTech Mr Avinash Kumar R, Assistant Professor, Mech, PSG iTech Mr Mannar Kaliyamoorthy, Earth Teknics, Chennai Mr Vimallesh T, Cameron Manufacturing India Pvt Ltd Mr Gokul, ELGI Equipments Ltd, Coimbatore
Session Chair	Dr R Ramesh HoD-Mechanical, PSG iTech
No. of Participants Registered	47
No. of participants Attended	41

1. Dr Manoj Kumar P, Professor, Mechanical Dept welcomed the gathering. Dr R Ramesh, HoD-Mechanical, PSG iTech gives an Inaugural Address to the Participants.
2. Mr Premkumar T, Assistant Professor, PSG iTech briefly explains about the workshop and he continued his Technical session.
3. First day morning three technical sessions were there. Introduction to energy auditing and Energy & mass balance were handled by Mr Premkumar T, PSG iTech. Induction Motor Performance Analysis session was handled by Mr Mannar Kaliyamoorthy, Earth Teknics, Chennai.
4. Second day morning theory sessions including Introduction to Pumps (Mr Vimallesh T, Cameron Manufacturing India Pvt Ltd), Introduction to compressors (Dr Manoj kumar P, PSG iTech), Energy conservation in Pumps and Compressors (Mr Premkumar T)
5. Second day afternoon included practical sessions dealt with energy auditing aspects in pumps and compressors by Mr Premkumar T and Mr Avinash kumar R respectively. Workshop was completed with feedback and vote of Thanks sessions headed by Mr Premkumar T.



Group photograph of participants and co-ordinators along with HoD, Mech and Principal, PSG iTech

Event title	Outcome Based Education - Typical Learnings
Date and Duration	13 th September 2023 and 4.30 to 5.45 pm
Department	IQAC
Chief Guest/ Resource Person/ Keynote Speaker	Dr P V Mohanram, Secretary, PSG iTech
No. of Participants	72

1. Dr N Saravanakumar, Principal (I/c), PSG iTech welcomed the gathering and outlined the overall effectiveness of Outcome Based Education.
2. Dr P V Mohanram, Secretary, PSG iTech, delivered the typical learnings of Outcome Based Education in detail to the faculty members and covered various factors involving OBE. He also emphasized the importance of Outcome Based Education (OBE) and gave valuable insights to enhance the teaching and learning processes at PSG iTech.
3. Dr P Vijayakumar, HoD, ECE delivered the vote of thanks.



Dr. P V Mohanram, Secretary, PSG iTech handling the session on “OBE” on 13th Sep 2023

Event title	One Day Workshop on 'Outcome Based Education'(OBE)
Date and Duration	16 th Sep 2023 & Full Day
Department	College Event
Co-ordinators	Dr V Chitra, Associate Professor, Mathematics Mr Jothibas M, Assistant Professor (Sl.Gr), ECE Department
Chief Guest	Dr.Kanmani Buddhi Professor, Department of Telecommunication Engineering B.M.S College of Engineering
No. of Participants	100

1. The Centre for Teaching Learning Practices (CTLP) at PSG Institute of Technology and Applied Research organized an one-day workshop on 'Outcome Based Education' (OBE)' on 16th Sep 2023.
2. Dr. N Saravanakumar, Principal (i/c), extended a warm welcome to all attendees and emphasized the importance of Outcome Based Education (OBE) in today's rapidly evolving educational landscape. He encouraged the participants to actively engage in the workshop and extract valuable insights to enhance the teaching and learning processes at PSG iTech.
3. Chief Guest, Dr. Kanmani Buddhi, Professor, Department of Telecommunication Engineering, B.M.S College of Engineering, delivered a comprehensive address that shed light on the significance of OBE. She shared her thoughts and experiences regarding OBE and its importance.
4. Also, she highlighted the role of OBE in ensuring that students not only gain knowledge but also develop practical skills and competencies that are essential for success in their careers.
5. In addition to her previous points, she elaborated on various factors includes Global Relevance, Adaptability, Industry Linkage,Continuous Improvement and Student-Centric Approach.
6. Finally, Dr. P Vijaykumar, Dean of Electrical and Computer Science Engineering, and Head of the Department of ECE, summarized the key points discussed during the workshop and presented vote of thanks.



Dr. Kanmani Buddhi, Professor, Department of Telecommunication Engg, B.M.S College of Engineering delivering her address to the faculty members during the workshop on 'Outcome Based Education' held on 16th Sep 23

Event title	“A Guest Lecture on Sustainable Construction”
Date and Duration	19 th Sep 2023 & One Hour
Department	Civil
Co-ordinators	Dr Karthick J, Assistant Professor, Civil Department
Chief Guest/ Resource Person/ Keynote Speaker	Dr.-Ing. Ali Bawono, PMP Senior Research Fellow & Lecturer, Faculty of Rail, Transport & Logistics, University of Munich, Singapore
No. of Participants	56

1. The event began with a prayer song and a warm welcome by Dr. M.I. Abdul Aleem, Professor and Head of the Civil Engineering Department.
2. Dr. Ali Bawono discussed the perils of faulty roads and the environmental issues tied to conventional pavements. He introduced Engineered Cementitious Composite (ECC), emphasizing its unique deformation property and lower CO2 emissions.
3. An interactive session rewarded students for their pavement choice, engaging the audience. Dr. Ali Bawono's lecture shed light on ECC's potential to revolutionize civil engineering with real-world examples. The event concluded with a vote of thanks and a memento presentation.
4. Mr.Dhuruwin Raj D, III Civil, Executive Member of COSMOS gave the vote of thanks.



Civil Engineering Association (COSMOS) members with the chief guests

RESEARCH:

Event title	AICTE Sponsored National Conference on “Emerging Trends in Electrical and Electronics Applications”
Date and Duration	21 st & 22 nd July 2023 & Two Days
Department	EEE
Co-ordinators	Dr Subash Kumar C S, Associate Professor & Dr Sathiyathan M, Associate Professor, EEE Department
Chief Guest/ Resource Person/ Keynote Speaker	Dr Sabarimalai Manikandan M Associate Professor, IIT Palakkad
Guest Speaker/ Session Chair	Dr Jaganathan S HoD-EEE, Dr. NGP Institute of Technology Mr Angamuthu A Asst. Prof (Sr. Gr.) EEE, PSG College of Technology
No. of Participants	70

1. Dr Vasu C L, HoD, EEE welcomed the gathering.
2. Dr N Saravanakumar, Principal, PSG iTech delivered the presidential address, emphasizing the significance of the conferences to bridge the gap between industry and academia. His address provided the perfect motivation for all attendees and students to aim high and strive for excellence in research.
3. The keynote address by Dr Sabarimalai Manikandan M, Associate Professor, IIT Palakkad, was a true intellectual feast. He gave a brief insight into research in the fields of automation, IoT, and artificial intelligence with practical examples, and the impact of these technologies have on society.
4. The inaugural session was followed by technical sessions chaired by Dr S Jaganathan and Mr A Angamuthu.
5. The presentation sessions were chaired by Dr Mohammed Iqbal, Asso. Prof and Mr S Ravikrishna, Asst Prof (Sl. Gr.), EEE, PSG iTech. The participants had the opportunity to explore recent trends in electrical and electronics engineering, and to set future research objectives.



Dr. Sabarimalai Manikandan M, Associate Professor, IIT Palakkad delivering the keynote address during the National Conference on 21st July 2023

Event title	IPR Cell and PSG iTech Launch-pad sponsored Workshop on “Intellectual Property Rights”
Date and Duration	14 th Sep 2023 & Three and half hours
Department	Civil ,CSE, ECE, Mech, EEE
Co-ordinators	Dr M I Abdul Aleem, Convenor - IPR Cell
Chief Guest/ Resource Person/ Keynote Speaker	S. UdhayaShanker Deputy Controller of Patents and Designs Patents office, Chennai
No. of Participants	82

1. Dr. M I Abdul Aleem, welcomed the gathering by introducing the participants to patents and explaining the importance of the same.
2. Dr P V Mohanram, Secretary, PSG iTech delivered the presidential address, emphasizing the significance of the workshop and elucidated the importance of patents and innovation with real-life stories of his students. He presented a memento to the chief guest.
3. The keynote address by S UdayaShanker, Deputy Controller of Patents and Designs, Patents office, Chennai was a true intellectual feast. He gave a brief insight into the process of how an invention comes to fruition and the evolution of different innovative inventions in history.
4. He also defined how patents are a tool to safeguard one’s ideas and provide security for the owner with different analogies. He moved the audience to realize that feeling our ideas are not enough is a key reason why students don’t document their ideas via patents. He discussed how patents provide monetary benefits for the inventor as well.
5. The vote of thanks was proposed by Dr. K SenthilKumar, thanking all the faculty members, organizers, participants, and the chief guest for aiding in making this event successful.



**Mr S UdayaShanker, Deputy Controller of Patents and Designs, Patents Office, Chennai
honoured with a memento by Dr P V Mohanram, Dr. M I Abdul Aleem & Dr K SenthilKumar**

CO-CURRICULAR ACTIVITIES:

Event title	Gender Equality
Date and Duration	12 th July 2023
Department	Internal Complaints Committee – Gender Champions
Co-ordinators	Dr K Pramila, HoD, English
Judges	Ms Susithra/ Asst Prof/ECE and Mr Kumar/Asst Prof/B.Arch
No. of Participants	15

1. Gender Champions organized a Poster Competition on “Gender Equality” on 12th July 2023. Students from PSGiTech and PSG IAP participated. Fourteen posters were displayed.
2. The winners were given special prizes and certificates and all the participants were also given prizes and certificates. The following were the winners of the poster competition:

First Prize: Ms Monika K (I Yr B Arch)

Second Prize: Ms Kanishka Dharshini D (I Yr B Arch)

Third Prize : Ms Haripriya S (I Yr ECE)



First Prize Poster

Event title	Professional Empowerment Programme
Date and Duration	15 th July 2023 and two hours
Department	CLTP
Co-ordinator	Dr K Pramila, HoD, English
Chief Guest	Ms Janaki G, Head, Akira Intelligence Management Solutions (OPC) Pvt Ltd.
No. of Participants	45

1. Centre for Teaching Learning Process (CLTP) and the Department of English organized a Professional Empowerment Programme on 15th July 2023.
2. The facilitator was Ms Janaki G, Head, Akira Intelligence Management Solutions (OPC) Pvt Ltd.
3. Dr P V Mohanram, Secretary, PSG iTech, gave the presidential address and Dr P Vijayakumar, Dean, Electrical and Computer Engg. felicitated the guest speaker.
4. The session was very interactive and interesting and the facilitator involved the staff members in the activities. The staff members were thoroughly engaged and actively participated in the activities which highlighted the themes of leadership and team work.



Ms Janaki G addressing the staff

Event title	Inaugural Function of CSE Association 2023-2024
Date and Duration	27 th July 2023 & One Day
Department	CSE
Co-ordinators	Dr I Kala, Associate Professor, CSE Department
Chief Guest/ Resource Person/ Keynote Speaker	Mr. Ashok Singh Jebakumar General Manager - Commercial Leap Green Energy Pvt Ltd, Coimbatore.
No. of Participants	150

1. Dr R Manimegalai, HoD, CSE welcomed the gathering.
2. Dr I Kala, Faculty Advisor of CSEA took the stage to formally introduce the distinguished office bearers of CSE Association 2023-2024 to the audience.
3. Former Secretary of CSEA – Mr Sai Santhosh eloquently presented the highlights and accomplishments documented in the previous year's annual report. He also mentioned the remarkable achievements of students and various events conducted by the Association.
4. Following this, Mr. Yuvanesh – President of CSEA presented about the current academic year's activities that are planned to be conducted for the beneficial of students. The activities included various workshops, bits and bytes programme, interaction sessions and many more.
5. The keynote address by Mr. Ashok Singh Jebakumar - General Manager, Commercial Leap Green Energy Pvt Ltd, was a true intellectual feast. He gave a brief insight into Demand and Supply of energy, forecasting on wind generation, marketing and commercials.
6. At the conclusion of the inaugural function, Jaivant - Secretary of CSEA delivered a heartfelt vote of thanks, acknowledging the contributions of all those who made the event a success.



Mr. Ashok Singh Jebakumar - General Manager, Commercial Leap Green Energy Pvt Ltd, delivering the keynote address during the CSEA Inaugural Function held on 27th July 2023

Event title	PSGiTech HackFest 2023 - A National Level Hackathon
Date and Duration	24 th , 25 th , and 26 th August 2023 & Three Days
Department	CSE
Co-ordinators	Convenor : Dr. R. Manimegalai, HOD Lt. V.Vilasini Assistant Prof.(Sr. Gr), Dr. S. Lokesh, Associate Prof. Dr. Priya ponnusamy, Assistant Prof. (Sl.Gr)
Chief Guest/ Resource Person/ Keynote Speaker	Mr. Maran Nagarajan Founder and CEO of Kaar Technologies. Mr. Ferose V R, Senior Vice-President, and Head of SAP Academy for Engineering
No. of Participants	544

1. PSG iTech conducted iTech Hackfest 2023 from 24th to 26th August 2023 by the Department of Computer Science and Engineering in partnership with industry leaders SAP and Kaar Technologies.
2. SAP Academy for Engineering, the event presents an impressive prize pool of three lakhs, where the top winner receives Rs. 1,50,000, the second-place achiever secures Rs. 1,00,000 and the third-place awardee takes home Rs. 50,000. As the competition reaches its thrilling conclusion in the final rounds, 146 teams comprising 544 dedicated students anxiously await their turn to shine.
3. The inaugural address by Mr. Maran Nagarajan Founder and CEO of Kaar Technologies. His words resonate deeply, inspiring and motivating the participants for the forthcoming days of innovation and competition.
4. Mr. Ferose V R takes the stage to deliver the valedictory address, sharing his perspective on the immense value of events like the iTech Hackfest in nurturing innovation and talent.
5. He emphasized the value of hackathon ideas, he underscores the need to cultivate them further, transforming them into startups rather than leaving them unexplored.



**Mr. Ferose V R Senior Vice-President, and Head of SAP Academy for Engineering
addressing the gathering**

Event title	SAP TechFest 2023
Date and Duration	5 th September 2023
Department	CSE
Co-ordinators	Dr. S. Lokesh, ASP/CSE, Dr. Priya Ponnuswamy, AP(SL)/CSE Lt.V.Vilasini, AP(Sr.L)/CSE
Chief Guest/ Resource Person/ Keynote Speaker	Ms.Sindhu Gangadharan, Senior Vice President and Managing Director of SAP Labs in India, Head, User Enablement
Guest Speaker/ Session Chair	Mr Srivatsan Santhanam, Vice President, Spend Engineering, Head of Concur R&D,SAP Labs India
No. of Participants	187

1. Dr P V Mohanram, Secretary, PSG iTech delivered the welcome address, emphasizing the significance in defining clear problem statements for student projects and praised their professional project scheduling. He expressed the potential for SAP to facilitate industry exposure for PSG iTech faculty.
2. The Keynote Address by Ms Sindhu Gangadharan SVP and MD, SAP Labs India outlined SAP's vision of improving the world and people's lives. She encouraged academic-industry collaboration, providing students with opportunities to tackle real-world challenges.
3. The Key Achievements and Future Outlook for SAP-PSG Partnership addressed by Mr Srivatsan Santhanam by stressing the importance of solving critical business problems and advocated SAP's "Why, What, When, and How" approach. He emphasized continuous self-investment as a key to success.
4. Dr R Manimegalai, Professor and Head- CSE featured a book release ceremony jointly conducted by SAP and PSG iTech Faculty, symbolizing a fruitful partnership between academia and industry, fostering innovation and progress for a better future.



The event featured distinguished guests, Sindhu Gangadharan, SVP and MD, Mr Srivatsan Santhanam, VP and Mr Abhishek Chatterjee, Director, Strategic Programs of SAP Labs India

Event title	Engineer's day Celebration and Inauguration of Association of Civil Engineering
Date and Duration	15 th Sep 2023 & Two hours
Department	Civil
Co-ordinators	Dr Karthick J, Assistant Professor, Civil Department
Chief Guest/ Resource Person/ Keynote Speaker	Er. B. Pichaiya Chief Executive Officer S. Pichaiya & Associates Coimbatore
No. of Participants	77

1. Dr Abdul Aleem M I, HoD, Civil welcomed the gathering.
2. The event commenced with the formal inauguration of the COSMOS office bearers for the Academic Year 2023-24. This momentous occasion was met with excitement and anticipation as the new leadership team took on their roles, pledging their dedication to advancing the field of civil engineering within the college.
3. The inaugural session was followed lecture delivered by Mr. Pichaiya S, a prominent figure in the realm of Civil Engineering. Mr. Pichaiya's lecture revolved around the fundamental distinction between the profession and occupation of civil engineering, shedding light on the deeper significance of being a civil engineer. He emphasized the challenges and opportunities that lie ahead in the field of civil engineering.
4. Mr. Pichaiya painted a compelling picture of the future growth areas within the industry, highlighting the importance of innovation, sustainability, and adapting to evolving technologies. Moreover, Mr. Pichaiya provided invaluable insights into the diverse career opportunities available to civil engineers. He encouraged the students to explore various paths within the field, ranging from infrastructure development to environmental engineering, and even entrepreneurship.
5. Mr. V. Karuppanasamy, III Civil, and Secretary of COSMOS gave the vote of thanks.



Executive members of COSMOS with the guest

Event title	“Technical Quiz Competition”
Event Category	Competition
Date and Duration	27 th Sep 2023 & Half Day
Department	Civil Engineering
Co-ordinators	Dr Karthick J, Assistant Professor, Civil Department
No. of Participants	I Year Civil - 32 II Year Civil- 29 III Year Civil- 21 IV Year Civil -13 Total – 95 Students (19 Teams)

1. The event featured three rounds, testing participants' knowledge and fostering teamwork. Teams comprised students from different academic years, ensuring a mix of expertise and learning.
2. In summary, the event was a resounding success, promoting learning and camaraderie among participants.
3. COSMOS looks forward to organizing more such events in the future to enrich the knowledge and experiences of civil engineering students.



Dr. Karthick J with event winners along with COSMOS members

EXTRA-CURRICULAR ACTIVITIES

Event Title	Aerobic and Zumba
Event Category	Sports training
Date and Duration	4 th July 2023 onwards (Weekly 3 days)
Department	Physical Education
Coordinator	Ms. Vaishnavi R (Assisstant Physical Directress)
Resource Person	Ms. A. Sandhiya Nancy
No. of Participants	56

1. The Aerobic and Zumba training commenced in the Girls hostel by the Expert Ms. Sandhiya Nancy, Zumba and Aerobics Trainer along with the staff co-ordinators Ms. Vaishnavi R, APED, Ms. Puvaneshwari, Student Counselor, Ms. Jayasree and Ms. Sowmiya, Resident Tutors.
2. It takes place on Tuesdays, Wednesdays and Thursdays of every week for one hour each with 3 different songs and unique steps.
3. Most of the hostellers taking part in the zumba training regularly.



Ms. Sandhiya Nancy (Zumba and Aerobics Trainer) and hostellers taking part in the Zumba training in Girls hostel

Event title	Chandrayaan 3 Touchdown - Live Telecast
Date and Duration	24 th August 2023 (5:45 PM to 6:15 PM IST)
Club	Astronomy Club, Radio Club & IETE
Faculty Co-ordinators	Dr S Maruthamuthu, Astronomy Club Mr. D. Venkatesh, Radio Club Dr P Vetrivelan, IETE student's forum
Student Coordinators	Gayatri V, Aravindan A, Mithilesh R, Deepesh M, Amirtha T
No. of Participants	120

1. Live telecast event organized at iTech Square to witness the historic lunar touch down of Chandrayaan-3 on August 24, 2023 was exclusively organized for the students and staff of the college.
2. Before the live telecast, the Astronomy Club members made a short presentation centered around the Chandrayaan-3 mission, focusing on its objectives and technical aspects. The video provided a visual journey of Chandrayaan-3's mission, highlighting key moments of the descent and touch down.
3. The highlight of the event came at 6:04 PM IST when Chandrayaan-3 made its historic touch down at the lunar South Pole. The room erupted in applause, and a palpable sense of pride and accomplishment filled the air.
4. The success of the event not only showcased India's achievements in space exploration but also served as an inspiration for aspiring scientists and engineers in the college community.



A part of the gathering, during the live telecast of Chandrayaan 3 Touchdown

Event title	Empower Her: Unleashing Your Potential and Embracing Success
Date and Duration	05 th Sep 2023
Department	CSE
Co-ordinators	Dr.Kala, Associate Professor, CSE and Dr. Deepannita Chakraborty, Assistant Professor, Physics
Chief Guest/ Resource Person/ Keynote Speaker	Mrs. Sindhu Gangadharan, Senior Vice-President and Managing Director, SAP Labs India
Guest Speaker/ Session Chair	Mrs. Sindhu Gangadharan, Senior Vice-President and Managing Director, SAP Labs India
No. of Participants	70

1. Chief Guest was introduced by Trisha Sinha, Director Spend Engineering, SAP Labs India.
2. Guest Speaker exemplified the phenomenal growth of women in various fields and pointed out ways to tap into one's potential and strategies to embrace success.
3. She gave three rules as a success mantra for a woman. The first rule is to "Keep hands up always" by which she motivates every woman to take up all the opportunities in front of them. By the second rule, she advises everyone to find a right support system in order to keep the balance between work and life. The last rule is not to negotiate oneself for anything.
4. Dr.R.Manimegalai, Head of D, CSE and Dr. M. Devasena, Professor, Civil Engineering felicitated the speaker with a memento.
5. Finally the event was concluded by Megadharshini, IVth year CSE, with vote of thanks.



Ms. Sindhu Gangadharan with faculty members of PSG iTech and SAP mentors

Event title	NSS Room Cleaning event
Date and Duration	17 th July 2023 & One Day
Department	NSS
Co-ordinators	Dr.P.Chinnaraj, Associate Professor, Maths Department & Dr D.Thangaraju, Associate Professor, Physics Department
No. of Participants	10

1. On behalf of NSS club, NSS Room cleaning activity was conducted on 17th July 2023 at 5:00 pm. Nearly 10 students from 1st year participated in this event.
2. They all work together with good team spirit and enthusiasm. Then event came to end at 6:00 pm and refreshments were provided for the volunteers.



NSS Room Cleaning event held on 17th July 2023

Event title	Cleaning and Trekking event
Date and Duration	5 th August 2023 & One Day
Department	NSS
Co-ordinators	Dr.P.Chinnaraj, Associate Professor Maths Department & DrD.Thangaraju , Associate Professor, Physics Department
No. of Participants	50

1. On August 5, 2023, NSS (National Service Scheme) unit in Chennimalai organized a trekking and cleaning event with 50 dedicated volunteers.
2. Under the guidance of Mr. P. Chinnaraj and Mr. D. Thangaraju, staff coordinators trekked up a hill to a beautiful Murugar temple, enjoying the breathtaking views.
3. The event not only promoted physical fitness but also instilled a sense of responsibility and compassion for the environment.
4. During the trek, the students actively participated in cleaning the trail and temple grounds, making a positive impact on the local ecosystem.



Cleaning and Trekking event held on 5th Aug 2023

Event title	Social Justice Day Pledge event
Date and Duration	15 th September 2023 & One Day
Department	NSS
Co-ordinators	Dr.P.Chinnaraj, Associate Professor Maths Department & Dr.D.Thangaraju , Associate Professor, Physics Department
No. of Participants	55

1. As a part of NSS drive, NSS Club conducted an event on 15th September 2023, at 2:30 pm on behalf of Social Justice Day Pledge.
2. Around 60 NSS volunteers and NSS programmer officer Dr.P.Chinnaraj have participated in the event and took pledge.
3. This pledge is to state that the birth anniversary of “Thanthai Periyar” is observed as “Social Justice Day” on 17th September every year.



Social Justice Day Pledge taken by PSG iTech Students

Event Title	PSG Heartathon 23
Date and Duration	24 th September 2023
Department	Physical Education
Coordinator	Ms. Vaishnavi R (Assistant Physical Directress)
No. of Participants	24

1. PSG Heartathon 2023 with three different categories of 3, 7 and 10 kms Marathon took place in PSG IMSR ground on 24th September 2023. 20 girl students from the hostel along with the faculty co-ordinators Dr Devasana M, Dr Latha G, Ms. Susithra N and Dr. Santhanamari G have participated in the event.
2. PSG iTech participants completed the marathon successfully and were felicitated with Medals & Certificates.



PSG iTech students and staff taking part in PSG Heartathon 23 event

OTHER MAJOR EVENTS

Event title	7 th Annual Day Celebration of Sri Vidhya Ganapathy Temple
Date and Duration	06.07.2023wo Hours

1. 7th Annual Day Celebration' of 'Sri Vidhya Ganapathy Temple' was held on 6th July 2023.
2. The function was coordinated by Mr. M. Jothibas, Asst. Prof (Sl.Gr), Dept. of ECE, and Ms. K D Radhamani, Office Superintendent.
3. Dr. N Saravanakumar, Principal (i/c), welcomed the gathering, setting a spiritual tone which added a spiritually enriching dimension to the event, making 7th Annual Day Celebration of 'Sri Vidhya Ganapathy Temple' a truly memorable and inspirational occasion.



7th Annual Day celebration of Sri Vidhya Ganapathy Temple held on 06th July 2023

Event title	77 th Independence Day
Date and Duration	15 th August 2023
Co-ordinators	Dr Vetrivelan P, Dean (Students Union) & Dr Aramuthakannan S, Associate Professor, Maths Department
Chief Guest/ Resource Person/ Keynote Speaker	Dr Kadirvelu K Scientist 'F' & OIC, DRDO-BU Centre of Life Sciences, DRDO, Ministry of Defence Bharathiar University Campus
No. of Participants	400

1. Dr N Saravanakumar, Principal i/c, PSG iTech welcomed the chief guest and gathering during 77th Independence Day held on 15th August 2023. In his welcome address, he expressed that PSG iTech enters in 10th year and the yearlong celebration is awaiting. He congratulated the students for securing 61 ranks in Anna University semester examinations 2022-23
2. The Chief Guest address by Dr K Kadirvelu Scientist 'F' & OIC, DRDO-BU Centre of Life Sciences, was a patriotic one and pointed out the role of Coimbatore in freedom struggle movement. He also emphasized the role of DRDO in nation's safety and security.
3. Dr P V Mohanram, Secretary, PSG iTech delivered the presidential address, emphasizing the significance of the research to bridge the gap between society and academia. His address provides the perfect motivation for all attendees and students to aim high and strive for excellence in research.
4. The cultural programmes were performed by students from Tamil Mandram, iTech band, Dramatic club and NSS.



Dr. P.V. Mohanram Secretary, PSG iTech presenting a memento to the Chief guest, Dr K Kadirvelu in the presence of Dr. N Saravanakumar, Principal i/c PSG iTech and Ar. Tamilvanan, Principal PSG iAP

Event title	Student Induction Programme 2023
Date and Duration	21.08.2023 to 01.09.2023 & 2-weeks
Co-ordinators	Mr.V.Navin Ganesh, AP (Sr. Gr.) / Civil & Dr.R.Ravikumar, AP (Sl. Gr.) / Hum.
No. of Participants	480 (First-year students)

1. PSG iTech conducted a 2-week “Student Induction Programme 2023” for the first-year students of the 2023-2027 batch from 21.08.2023 to 01.09.2023. The Induction Programme commenced with the inaugural ceremony on 21.08.2023. Dr.O.R.Nandagopan, Director, DRDO Industry Academia-Ramanujan Centre of Excellence, IIT Madras Research Park was the chief guest of the inauguration function. 480 first-year students along with their parents attended the inaugural ceremony.
2. Dr.N.Saravanakumar, Principal, PSG iTech, welcomed the gathering and highlighted the importance of skill development for personal and professional success, shedding light on the institution’s achievements and state-of-the-art facilities. Chief Guest, Dr.O.R.Nandagopan delivered the inaugural address, where he motivated students to embrace learning beyond academics. He stressed self-awareness and societal contributions, inspiring students with the motto “I can do, I will do”.
3. Dr.P.V.Mohanram, Secretary, PSG iTech, shared effective learning strategies, and highlighted PSG Trust’s philanthropic endeavors. The inaugural ceremony concluded with a vote of thanks by Dr.C.L.Vasu, Dean – Academics, PSG iTech.
4. The students were addressed by various guest speakers including motivational speakers, alumni students of PSG iTech and entrepreneurs. Mr.Mayileragu K.Sundararajan, Dr.Jayanthasri Balakrishnan and Mr.IAKOKA N.Subraminam were the prominent motivational speakers. The entrepreneurial speakers are Mr. Dhruv Suyam Prakasam, CEO, Founder and Director, iCliniq.com, Mr.K.Vivekanandhan, Managing Director, Faraday Ozone, Mr.T.P.Senthil Kumar, Founder and CEO, iamneo.
5. Five alumni students of PSG iTech addressed the first-year students and shared their experiences of student life at PSG iTech and progress in their career life.
6. The valedictory ceremony of the induction programme was held on 01.09.2023 at PSG Convention Center. Principal, Dr.N.Saravanakumar gave the valedictory address and motivated the first-year students to focus on their academics, set targets and work towards achieving the targets including getting placed in reputed companies, clearing any one of competitive examinations like GATE, GRE, CAT, etc., and doing minimum of one mini-project in every semester.



Principal and Secretary felicitating Dr.O.R.Nandagopan, Director, DRDO Industry Academia-Ramanujan Centre of Excellence, IIT Madras Research Park during inaugural ceremony of “Student Induction Programme 2023” on 21.08.23

Event title	iTech Dialogue
Date and Duration	21 st Aug 2023 & One Day
Department	College
Co-ordinators	Dr K Pramila, English Department
Chief Guest/ Resource Person/ Keynote Speaker	Mr V R Feroose Senior Vice President & Head, SAP Academy for Engineering.
No. of Participants	800 Plus
Venue	PSG Convention Centre

1. Executive Members, iTech Dialogue, Mr Aravind Athreya and Ms Mithra introduced the Guest Speaker, Mr V R Feroose
2. Mr Feroose spoke about what is the persona of the future engineer and what should be at the core of the purpose of every engineer. He discussed why generalists are more successful than specialists, the main reason is generalists have broad and diverse experiences. He traced the origin of the word engineer – “ingenium” meaning “someone who solves problems”. He said educational institutions should teach the principles of thinking. The key characteristics of an engineer are: Ingenuity, grit, problem solving, craftsmanship and altruism. He said the world is well connected and we to find a way to connect with the world. He also emphasised on imbibing the core values: courage, compassion, craftsmanship, curiosity and community
3. Mr Feroose was felicitated by Dr Ramesh, IQAC Director & HOD/Mechanical. Dr Manimegalai, HOD/CSE and dignitaries from SAP joined in for the felicitation.
4. Executive Members, iTech Dialogue, Ms Jemmimah and Mr Surya Karthick delivered the concluding remarks.



Mr V R Feroose, Senior Vice President & Head, SAP Academy for Engineering giving a talk on, “The Future Engineer” on 25 Aug 2023

Event title	Teachers Day Celebration
Date and Duration	5 th September 2023 & Two Hours
Department	Staff Club
Co-ordinators	Dr Chinnaraj P, Associate Professor – Maths & Mr Jothibas M, Assistant Professor, ECE Department
Chief Guest	Prof. Sundararajan T, Visiting Professor, IIT Palakkad
No. of Participants	70

1. PSG iTech organized Teachers Day / Faculty Awards Function for the period (January - June 2023) on 05th Sep 2023. Faculty Awards Function is organized every six months to acknowledge the contributions made by the members of the faculty in research and academics.
2. Dr N Saravanakumar, Principal (i/c) welcomed the gathering. He encouraged everyone to publish more number of papers in reputed journals and urged everyone to enjoy the joy of doing research. Speaking on the occasion, he highlighted the research centre facilities available on the campus and the kind of research work carried out by faculty members.
3. Mr. M Jothibas M made a presentation about the summary of awardees and other significant contributions made by the faculty members.
4. Chief Guest, Prof. Sundararajan T, Visiting Professor, IIT Palakkad, delivered the special address and distributed the prizes to the faculty members. During his address, he appreciated all the awardees for their contributions and reminisced about his rich experience in research collaborations with various national and international funding agencies. He mentioned that teachers are the pillars of the institute and how teachers influence students in several aspects.
5. Finally, Dr.P Chinnaraj proposed the vote of thanks.



Chief Guest Prof. Sundararajan T, Visiting Professor, IIT Palakkad presenting the award to Dr R Rajkumar, Asst. Prof (Sel.Gr.), Dept. of Civil Engg. during the Faculty Award Function held on 05.09.23

Event title	Onam Celebration
Date and Duration	13 th September 2023 & One and half hours
Department	Dance Club
Co-ordinator	Dr P Manojkumar, Professor, Mechanical Engg.

1. Onam was celebrated at PSGiTech on 13th September, 2023. A beautiful floral decoration was made by the students.
2. Palada payasam and Banana chips were provided for all faculty, staff and students of the college through hostel mess.
3. Cultural programs like Thiruvathirakali, Onam songs, group dance etc were performed by the students at the courtyard between 4:00 pm to 5:30 pm.



Onam Celebration held on 13th September 2023

Event title	TEDx at PSGiTech
Date and Duration	30 th September 2023 & One Day
Co-ordinator	Dr Manoj Kumar P, Professor, Dept. of Mechanical Engg Dr Pramila K, Professor & Head, Dept. of English
Chief Guest/ Resource Person/ Keynote Speaker	1. Mr. Arun Krishnamurthy (Founder Environmentalist Foundation of India) 2. Dr. Krishnan Swaminathan (Endocrinologist Founding Trustee of Idhayangal Charitable Trust) 3. Mr.Sudhanshu Mani (Technocrat Vande Bharat Express) 4. Ms.Swarnalatha J (Founder and Managing Trustee Swarga Foundation)
No. of Participants	100

1. The TEDx talk started at 11:00 am with an inspiring talk from Ms. Swarnalatha J. She briefed about how tough her life has been and how courageously she fought against all of it and also briefed about the activities the foundation is doing for the people with different abilities.
2. The second talk of the morning session was by Mr Sudhanshu Mani who is the chief technocrat behind the Vande Bharat express. In his talk he briefed about the importance of railway as a sustainable mode of transport.
3. The afternoon session started with a musical performance by the music club of PSG CAS.
4. Mr Arun Krishnamurthy talked about the importance of working together to make our earth clean and sustainable.
5. The last TEDx talk was by Dr Swaminathan who is an endocrinologist and also Founding Trustee of Idhayangal Charitable Trust. He works tirelessly to make sure that girl children with Type 1 diabetes get proper treatment free of cost and supports them continuously for their treatment.



The speakers (Ms Swarnalatha J | Mr Sudhanshu Mani | Mr Arun Krishnamurthy | Dr Krishnan Swaminathan) delivering their 'Resonant Thoughts' at TEDx PSG iTech

International Internship

Name of the Student: Mr Muneeshwaran Karthikeyan, III year Civil Engineering

Name of the guide: Dr.M.Devasena, Professor, Civil Engineering

Mr Muneeshwaran Karthikeyan, a fourth-year Civil Engineering student at PSG Institute of Technology and Applied Research excelled in a two-month internship at Hiyoshi Corporation, Japan from May 22 to July 14, 2023. He was among two students chosen from India for the environmental technical training program. He received comprehensive training in water purification, wastewater treatment, and environmental analysis. The opportunity enriched his understanding of environmental practices. The training program was on Operation and Maintenance of Water purification plant and Domestic wastewater treatment facilities, Food and Environmental analysis.

Mr. Muneeshwaran underwent the training program for Environmental Business in India and got exposed to the Japanese working environment and culture. He cleared three rounds of interview and was selected for the internship. He received a stipend of 80,000 yen per month and completed a rewarding two-month internship in Japan. The experience provided him with tremendous exposure, numerous opportunities, and a broader scope for learning.



Mr. Muneeshwaran receiving the training certificate from Hiyoshi Corporation, Japan