

QUARTERLY REPORT (OCT-DEC 2020)

Navratri Golu Celebrations

PSG Institute of Technology and Applied Research (PSG iTech), in association with various non-technical Clubs of PSG iTech organized **Navrathri Golu Celebrations** in the college premises during 23 – 27 October 2020.

During the nine-day celebrations, a special **Golu Alangaram** was on the display for the members of faculty, staff and students. Around hundreds of dolls, made of clay were arranged beautifully in nine tiers with *Navrathri Idols* ranging from *Nava Shakthi*, *Asta Lakshmi*, *Dasaavatharam*, *Aaru Padai Veedu*, *Lord Vishnu*, *Lord Brahma*, and *Lord Natraj* etc. In addition, a *Varalakshmi Idol* was set-up using a pot, and, it was decorated with eye-catching jewels as an embodiment of health, wealth and prosperity. Our Alumni members, Ms J Jayeeta, Ms R M Swaathi, (*B.E. ECE 2015 Batch*), Ms T Shanmuga Bhagyasree (*B.E. ECE 2016 Batch*) and Mr S Sai Krishna(*B.E. CSE 2016 Batch*) recited devotional songs to invoke the *Lord Almighty* and made the event a remarkable one, through their lively and soulful renderings.

To mark the *Navaratri Celebrations*, **a Special Pooja** was performed on the final day of the nine-day event. Dr P V Mohanram, Principal and Dr G Chandramohan, Vice-Principal, and few members of faculty participated in-person for the Pooja. Special arrangements were made for other members of faculty, staff and students to watch the Pooja via, online platform, Google Meet.

Dr G Santhanamari, Associate Professor, Dept. of ECE, along with Ms. Lakshmi Kalpana Roy, Asst. Professor (Sr.Gr), (CSE), Ms. Divya, Asst. Professor, (EEE), Ms. Deepa, Asst. Professor (Sr.Gr) (ECE), Mr. Sakthi Prasanth, Asst. Professor(Civil), Mr. Gopalakrishnan, Asst. Professor (Sr.Gr) (Mech.) and Ms. N. Susithra, Asst. Professor, (ECE), PSG iTech organized the event in a grand manner.



Dr. P.V.Mohanram, Principal, Dr.G.Chandramohan, Vice-Principal, Members of Faculty & Staff attended the special Navratri Pooja, organized on 23rdOctober 2020 in the college premises.



A Special Pooja was performed for the Lord Almighty on the eve of Navaratri Celebrations held on 23rd October 2020 in iTech Campus.

Guest Lecture on “Novel Femininity”

PSG iTech, in association with Staff Club and Wellness Center, organized a guest Lecture on "**Novel Femininity**" for the members of faculty on 23rd October 2020 through online platform, Google Meet. Dr. P V Mohanram, Principal, delivered the welcome address. During the address, Dr P V Mohanram underscored the multifarious roles played by a woman in social and personal contexts and their unsurmountable sacrifices in uplifting the society. Also, the crucial role played by child psychology in shaping and conditioning the younger generation was highlighted. Dr.G Chandramohan, Vice-Principal, PSG iTech introduced the resource person to the participants and made a detailed presentation about the works and accomplishments of Mrs.D.Ahila, a prominent writer and psychologist. The Speaker, in her insightful presentation, shed light on women empowerment, gender inequality, and struggles faced by women in society. She pointed that novel femininity means soft and strong attributes of women. To support her arguments, she cited some excerpts from the works of renowned writers like S Ramakrishnan, Jayakanthan, and Ambai. During the speech, the representation and misrepresentation of modern women were also elaborated for the participants. She stated that women are unpaid workers of society. In addition, various other physical and psychological challenges faced by women folk and prevailing insecurities in society were also discussed with the participants. Her enlightening speech was well received. Finally, Dr A.C.Sumathi, Assistant Professor (Sr. Grade), proposed the vote of thanks and presented her concluding remarks.



Dr P V Mohanram delivered the welcome address during guest lecture on Novel Femininity on 23rd October 2020 (Friday). On the left, resource person, Ms.D.Ahila addressing the participants.

Award of Merit Scholarship

Academic Scholarships worth Rs.1.75 lakhs weredistributed to three meritorious girl students of PSG iTechin the event held on 29th October 2020:

- Ms.S.Gowthami (III B.E. CSE)
- Ms.S.Kamali (III B.E. ECE)
- Ms.V.Sangeetha (IV B.E. Civil)

Mr Baskaran R Tranquebar, a distinguished alumnus of PSG Tech, had come forward to help the needy students,with a scholarship for the third consecutive year for the students of PSG iTech.

During the scholarship distribution programme, Dr.P.V.Mohanram, Principal, immensely thanked the philanthropic gesture of Mr Baskaran R Tranquebar and his family members. The awardees, at the same time, were advised to utilize the scholarship amount fruitfully for uplifting their academic career, and were requested to reciprocate similar support for the student community in the future. The tireless involvement and unstinted support extended by Dr. J Kanchana, Deputy Director, PSG Institute of Advanced Studies, was gratefully acknowledged and appreciated by the Principal and Vice-Principal. Her instrumental role in organizing the event and distributing the scholarships to the deserving students and at the right time was affirmed.

Dr. G Chandramohan, Vice-Principal, thanked the scrutiny team, for the rigorous process in identifying the deserving students, for receiving scholarship. Importantly, the efforts taken by the faculty coordinators, Dr P Subbaraj, Dean, Electrical Sciences, Dr. D Elangovan, Professor (Mech.), Mr. P Balakumar, Asst. Professor(Civil), all the Heads of the Dept., tutors and office members were acknowledged.



Dr J Kanchana, Deputy Director, PSG IAS, awarding the academic scholarship to Ms.S.Gowthami along with Dr.P.V.Mohanram, Principal, Dr.G.Chandramohan, Vice-Principal, Dr. P Subbaraj, Dean, HoDs and Members of Faculty on 29th Oct 2020



Dr J Kanchana, Deputy Director, PSG IAS, awarding the academic scholarship to Ms.S.Kamali along with Dr.P.V.Mohanram, Principal, Dr.G.Chandramohan, Vice-Principal, Dr. P Subbaraj, Dean, HoDs and Members of Faculty 29thOct. 2020

Award of additional Merit Scholarship

Additional Academic Scholarship worth Rs.58,850/- (Partial Financial Assistance Requested for the Academic Year: 2020-2021) was distributed to Mr R.Athul Krishna, II B.E. ECE, PSG iTechon 28th December 2020.



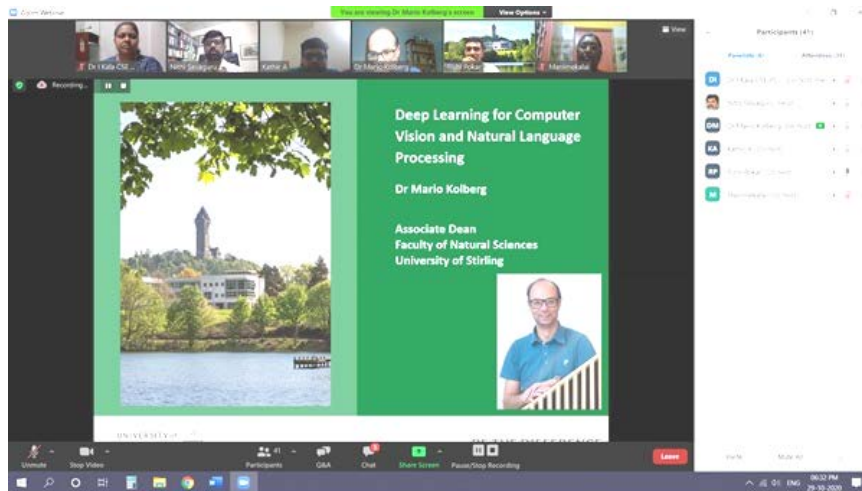
Dr.P.V.Mohanram, Principal, awarding the academic scholarship to Mr R.Athul Krishna, II ECE along with Dr.G.Chandramohan, Vice-Principal, Dr. P Subbaraj, Dean, and Dr D Elangovan, Professor, Mechanical Engg. on 28th December 2020

International Webinar on “Recent advances in AI for Data Science, Computer Vision and Natural Language Processing”

The Department of Computer Science and Engineering, in association with The Institution of Engineers (India) PSGI Students’ Chapter, organized an International Webinar on “Recent advances in AI for Data Science, Computer Vision and Natural Language Processing” on 29th October 2020. The Speaker, Dr Mario Kolberg, Senior Lecturer, Computing Science, University of Stirling, addressed the participants on the recent advancements in Artificial Intelligence for Data Science, Computer vision and Natural Language Processing. Around seventy external and internal students and members of faculty participated in the event. The event was well-received by the participants. Participants were given e-certificate.

Key ideas:

- Deep learning for computer vision and natural language processing
- Data Science
- Computer vision
- Artificial Intelligence
- Natural Language processing
- Image Processing
- Information retrieval
- Pattern recognition
- R Programming



Dr Mario Kolberg, Senior Lecturer, Computing Science, University of Stirling, addressing the participants during the International Webinar on “Recent Advancements in AI for Data Science, Computer Vision and Natural Language Processing” held on 29th October 2020.

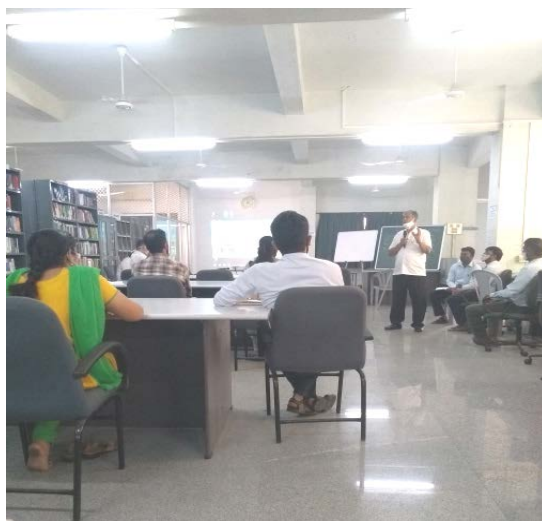
Lateral Entry Students – their challenges and solutions

In the academic year 2020-21, 52 students were admitted in the lateral entry stream for direct second year in five departments out of which 25 from management quota and 27 from counseling. The admission details are given in the following table:

Department	No. of students admitted
Civil	17
EEE	13
Mechanical	10
ECE	6
CSE	6
Total	52

Online classes were started for those students, who were admitted through management quota from 03.8.2020 along with the regular third semester students. From 09.11.2020 special time table was followed for lateral entry students alone. On 10.11.2020, the Principal arranged for a HoD's meeting and discussed the academic schedule for lateral entry students.

Principal addressed the lateral entry students through video conferencing on 05.09.2020 and motivated the students to work hard. He requested the students to do mini projects from placement perspective. Passed out lateral entry students Mr.Mhanoj and Mr Mohana Ramakrishnan of 2019 Batch addressed the newly joined lateral entry students through video conferencing and motivated them.



Dr.P.V.Mohanram, Principal, discussing the Academic Schedule for the Lateral Entry students on 10th November 2020

First Year Induction Programme 2020

PSG Institute of Technology and Applied Research (PSG iTech) commenced the three-week **First Year Induction Programme** for the students on 4th November 2020 through online mode. The auspicious event started with felicitations offered by Shri.L.Gopalakrishnan, Managing Trustee, PSG Sons and Charities, Coimbatore. During his address, he highlighted the salient features of PSG Institutions like infrastructure, state-of-the-art laboratories, and outstanding medical services rendered by the PSG Institute of Medical Sciences and Research for the society. Students were requested to seek the help of the counsellor during the critical times. He also highlighted the facilities available in PSG Industrial Institute for doing the project works. Also, students were encouraged to utilize the sports facilities available in the campus to keep their mind and physique fit.

Dr P V Mohanram, Principal, welcomed the gathering and introduced the Heads of the departments. In his detailed presentation, matters related to academics, research, projects, placements, and various other aspects of education were elaborated to give a glimpse of the four year academic journey.

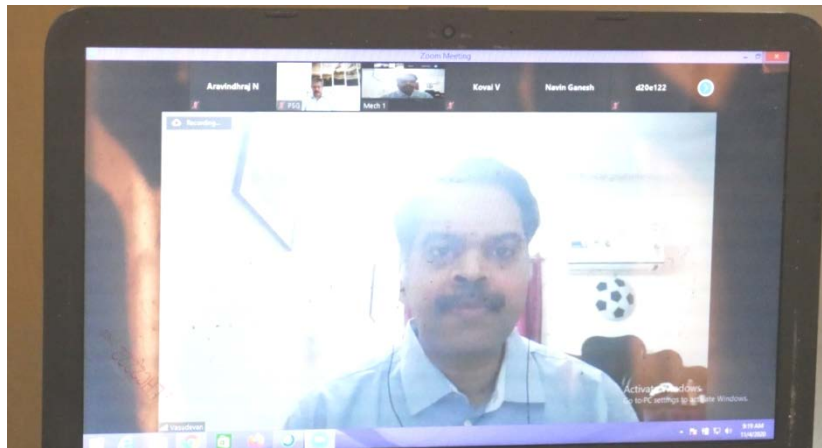
Mr R Vasudevan, HR Head –Business Group, Tata Consultancy Services, Chennai, delivered the chief guest address on “**Industry Expectations and Challenges**”. Students were urged to develop three C’s: Curiosity, Communication, and Character for excelling in their personal and professional life. Mr Vasudevan requested the students to utilize the infrastructure facilities, engage in dialogue, and interact with industry at regular intervals to identify the latest innovations and insights on engineering and technology. Importantly, the speaker appealed the students to develop questioning spirit and application-oriented understanding of technical concepts.

Also, students were urged to participate in activities beyond their academics to transform their personalities and enhance their inter-disciplinary skills. He also requested the students to experiment different concepts irrespective of its outcome.

Finally, Dr.G.Chandramohan, Vice-Principal, proposed the vote of thanks. He also spoke about the academic performance of the students during the last six years and various activities organized for students to engage and enhance. Later, he thanked the chief guest, managing trustee, parents, students, and press. Around 300 students along with their parents attended the inauguration.



Dr P V Mohanram, Principal, addressing the students and parents during the First Year Induction Programme held on 04 November 2020. Dr G Chandramohan, Vice-Principal, Dr P Subbaraj, Dean (Electrical Science) are also seen in the picture.



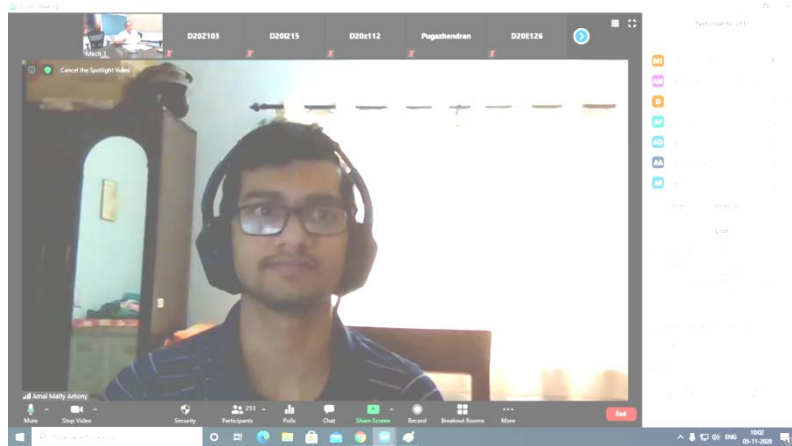
Mr R Vasudevan, HR Head –Business Group, Tata Consultancy Services, addressing the students on “Industry Expectations and Challenges” during the First Year Induction programme held on 04th November 2020.

Alumni Talk on “Placement Preparation & Communication Skills”

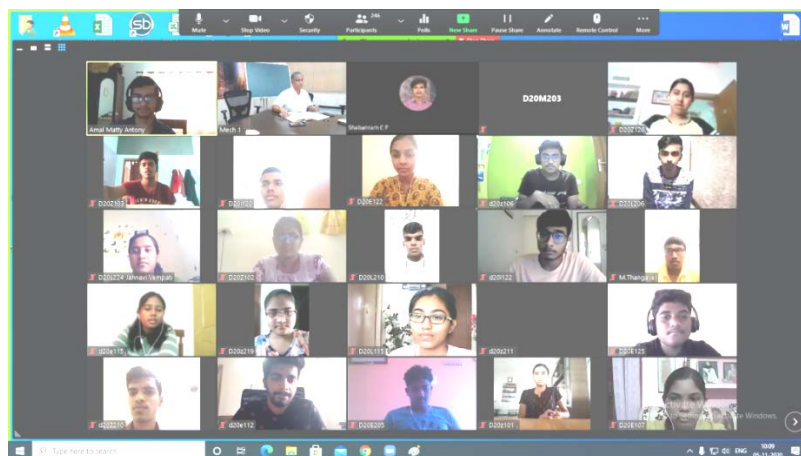
PSG iTech organized a session on **Placement Preparation and Communication Skills** for the first year students during the second day of the First Year Induction Programme 2020-2021 held on 5th November 2020. **Mr Amal Matty Antony**, Software Engineer, Arcesium Pvt. Ltd., Bangalore, and an alumnus of B.E. Computer Science Engineer 2019 Batch, addressed around 250 learners, who joined through virtual platform. **Dr P V Mohanram**, Principal, delivered the welcome address and recapitulated the points discussed during the inaugural session. **Dr G Chandramohan**, Vice-Principal, offered his felicitations. Mr Amal Matty Antony, in his address, shed light on various technical and non-technical competencies that are to be enhanced during the four year study. Especially, his talk focused on the following points:

- Importance of Cheerful disposition in personal and professional context
- Critical role of documentation
- Engagement in projects (at least of six)
- Pivotal role of listening skills to become an effective communicator
- Developing Optimistic Attitude for becoming a successful person
- Becoming a lifelong and independent learner
- Enroll in MOOCs and other Certificate Courses to develop advanced skills and demonstrate the insights gained through practical projects
- Developing practical and working knowledge on technical concepts
- Preparation for GRE, GATE etc. from day one

During the interactions, several questions with regard to approaching academics and placements were raised. Mr Amal Matty Antony patiently answered their questions and clarified their doubts. Finally, **Mr. Shabariram**, Asst. Professor, Dept. of Computer Science and Engineering proposed the vote of thanks.



Mr Amal Matty Antony, Software Engineer, Arcesium Pvt. Ltd., Bangalore, addressing the students on Placement Preparation and Communication Skills held as part of First Year Induction Programme on 5th November 2020.



First Year Students are engaged in listening to the lecture on Placement Preparation and Communication Skills held on 5th November 2020

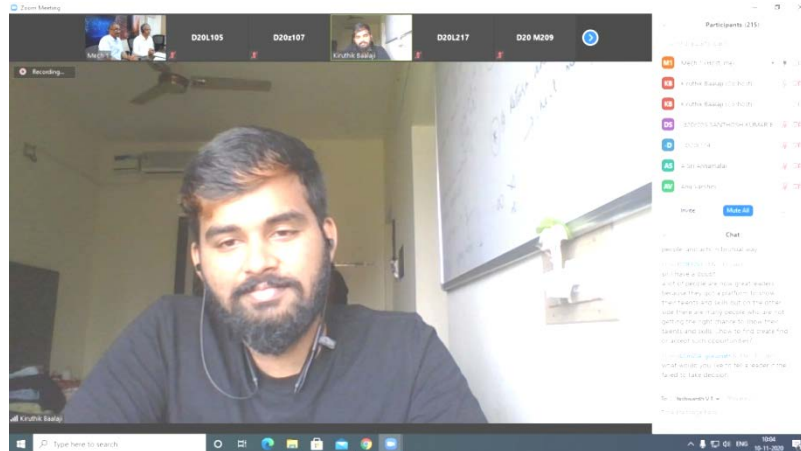
Alumni Talk on Leadership Skills

PSG iTech organized an exclusive session on **Leadership Skills** for the first year students during the fifth day of the First Year Induction Programme 2020-2021 on 10th Nov. 2020. **Mr C V Kiruthik Balaji**, Data Scientist, Mu Sigma Solutions Pvt. Ltd. Bangalore, and an alumnus of B.E. Civil (2018 Batch), addressed the students.

Earlier, **Dr. P.V. Mohanram**, Principal, delivered the welcome address and contextualized the topic. **Dr.G.Chandramohan**, Vice-Principal, offered his felicitations and thanked the former student for devoting his precious time for instilling the leadership skills among the young students. Through an interactive presentation, Mr. C V Kiruthik Balaji enlightened the students on the importance of leadership skills and its various dimensions. It was explained that leadership skill means leading a group of people towards a common goal. Students were requested not to be afraid and feel shy at any scenario, as it will dismiss oneself from reaching the desired goal. They were requested to do a SWOT Analysis at regular intervals to understand their capabilities and ways and means of achieving the goal. The following points were discussed succinctly during the presentation in order to make the students grasp the essentials of leadership skills:

- Move out of comfort zone to reach the goal
- Set high standards to lead a happy and harmonious life
- Grab every opportunity that unfolds
- Try to bring in attitudinal change in oneself for effective performance
- Instill optimistic traits like honesty, loyalty, and selflessness
- Don't hesitate to take initiatives for the betterment of the system as a whole
- Listen to your heart and find the rhythm of your life
- Associate with typical sport and club activities
- Collaborate with people from diverse backgrounds
- Leadership is not about competition or an exercise of authority
- Participate in NSS programmes to experience the prevailing challenges in the society and enhance the people skills to hone their personality.
- Students were strongly appealed to implant the following skills qualities like: trustworthiness, decisiveness, creativity, humility, intelligence, enthusiasm, and gratitude. Quotes and instances from real-life heroes were cited as examples to make the students comprehend the vital aspects of a happy and healthy living.
- Students were told that they cannot satisfy everybody instead show dedication and devotion to whatever work they do.
- Also, the young learners were urged to stay confident while facing hardships and learn stress management, meditation, and breathing exercises.
- Beyond these, Mr Kiruthik Balaji asked the students to take the constructive criticisms appropriately, which will help one to shape the personality. Students were counseled to be open for learning moment to moment throughout their professional life.

Finally, students were strongly advised to strike a balance between academics and extra-curricular activities and extend help for others in all possible ways. The three I's of leadership are Involve, Interact, and Integrate. The above aspects were briefly discussed with students and they were requested to direct their energy in working for a common goal and community growth.



Mr. C V Kiruthik Balaji, Data Scientist, Mu Sigma Solutions Pvt. Ltd. Bangalore, addressing the students on Learning Leadership Skills during the First Year Induction Programme-2020 on 10thNov 2020

Alumni Talk on Transforming from a Student to a Professional

PSG iTech organized a session on “Transforming from a Student to a Professional” for the first year students during the third day of the First Year Induction Programme 2020-2021 on 6th Nov. 2020. Mr.S.Nishanth, Software Development Engineer, Microsoft, Bangalore, and an alumna of B.E. ECE (2019 Batch), addressed around 250 learners, who joined through virtual platform. Earlier, Dr. P.V. Mohanram, Principal, delivered the welcome address and introduced the resource person to the students. Dr.G.Chandramohan, Vice-Principal, offered his felicitations and thanked the former student for spending his precious time for enlightening the student community.

Mr.S.Nishanth, in his address, shared various aspects of academic, personal and professional life. Especially, his speech focused on the kind of transformations, which students are expected to undergo in the next four years. It was emphasized that students need to stay competitive and participate in several activities like hackathon, symposiums, workshops (organized by IITs, NITs, PSG Tech, KCT etc.), and equip not only the hard skills but soft skills like time management, communication skills, leadership skills, and team dynamics. He urged the students to develop strong and undaunted passion for learning and exploring the latest developments in technical field. One of the key aspects of his speech was regarding the balance between the academics and entertainment. He encouraged students to enjoy their stay in the college and to devote adequate time for enhancing the competencies required for securing a first-class job. During the four-year journey, students were requested to focus on the following transformative aspect points:

General Points:

- Maintain cool and composed frame of mind
- Spend after-college hours for preparing for projects
- Spend extra-time for learning new areas of knowledge
- Participate with each other in a team with zeal and grow as a team
- Seek the support of the senior students and continue to explore new avenues of technical knowledge
- Mantra for success: “Silence enhances the productivity”
- Extend selfless support for students to learn and grow mutually
- Learn the art of writing effective emails to communicate with faculty
- Move away from the comfort zone
- Stay self-motivated and join in a club based on interest/start a club of your interest
- Translate every challenge as an opportunity to grow
- Find your rhythm of life rather than following others philosophy of life
- Follow your passion and enthusiasm for success in professional and personal life

Academic Preparation:

- Seek the help of the faculty to learn coding during evening hours (for AU exams during the initial phase)
- Exploit the laboratories for doing at least of six productive projects
- Biology students can also take special efforts to overcome the challenges in computer proficiency

Placement Preparation:

- Involvement in project helps one to build confidence and engage in dialogue with industry experts and interviewers
- Participation in Smart India Hackathon helps one to identify real-time problems and offers an opportunity to gain real industry experience
- Professional coding preparation has to be done by the individual only; no dependence on faculty and others
- Investment of 12-hour coding enabled me to me to develop the required expertise for placements
- Build special interest for learning professional coding

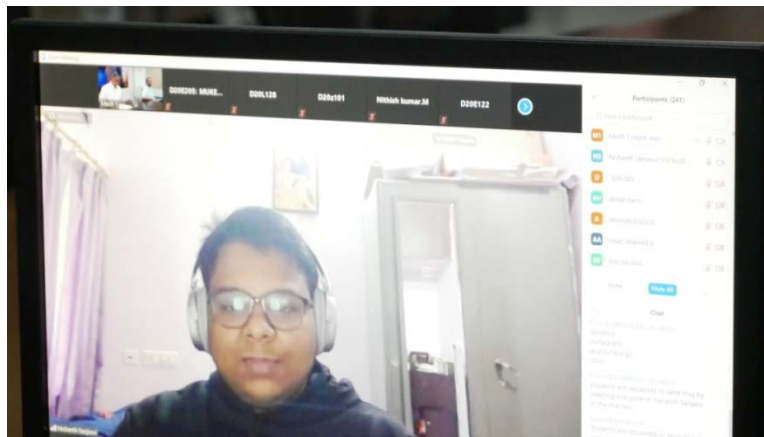
Professional Attributes:

- Avoid “No Sir” in corporate world, one cannot fool anyone in the professional context
- Inform the team lead or manager in advance regarding the leave through mail
- Zero selfishness in working as a team and offer everything to the team
- Adopt “Help Ever, Hurt Never” policy
- Inculcate strong interpersonal skills like being punctual and professional in every possible aspect
- Do not blame anyone for any kind of failure; instead, analyze the reasons for failure and work constantly
- Learn not to point your finger at anyone, at any point of time

Besides, he addressed several questions raised by students with regard to skill development, placements, and academic life. Later, Dr. P.V. Mohanram, Principal, presented his concluding remarks and thanked the young engineer for his remarkable speech on the occasion. Finally, Ms. M. Deepa, Asst. Professor (Sr.Gr), Dept. of ECE, proposed the vote of thanks.



Ms.M.Deepa, Assistant Professor, Dept. of ECE, introducing the resource person Mr. S. Nishanth, Software Development Engineer, Microsoft, Bangalore during the First Year Induction Programme-2020. Dr. P.V.Mohanram, Principal, and Dr G Chandramohan, Vice-Principal are seen during the event organized on 6th Nov. 2020.



Mr. S. Nishanth, Software Development Engineer, Microsoft, Bangalore addressing the students during the first year induction programme held on 6th Nov. 2020

Talk on “Future Social Responsibilities of Youth in India Context”

PSG iTech organized an insightful session on **Future Social Responsibilities of Youth in India Context** for the first year students during the fourth day of the First Year Induction Programme 2020-2021 on 9th Nov. 2020. **Mr.R.Nandhakumar**, Head, Legal &Admin, Leap Green Energy Pvt. Ltd, Coimbatore addressed around 250 students.

Earlier, **Dr.P.V.Mohanram**, Principal, welcomed the resource person and students, and offered his felicitations. In his address, he lauded the humane qualities of the resource person and his profound interest and commitment in activities related to social upliftment.

Dr.G.Chandramohan, Vice-Principal, gave a detailed introduction about the chief guest and explained the significance and relevance of the topic. At the same time, he appreciated the undaunted interest and enthusiasm of the students.

Mr.R.NandhaKumar, in his opening remarks, defined the meaning of social responsibility and spoke about the philosophy behind the establishment of the management, the visionary leadership, and their social commitments. Students were briefed about the birth of the **Fifth Brother named PSG Sons and Charities**, which was formed based on the vision of Shri PSG Govindasamy Naidu “**Let there be charity, so that others can share my family’s prosperity**” in the year 1926. The aesthetic ambience of PSG iTech was highlighted and appreciated. Students were requested to understand the importance of inculcating social responsibilities and commit themselves in any one of the activities that lead towards the social upliftment. He also stressed that the mission of life should be driven by dharma rather than materialism and other excitements in the materialistic world. They were advised to stay away from typical adulthood excitements and find the ontological meaning of the life. Stanzas from *Thirukkural* were quoted to make the students to realize the importance of being open-minded and urged the students to develop strong interest in expanding the horizon of knowledge. In addition, importance of selflessness, parents’ commitment for their wards, and duties as students were reinstated by the speaker.

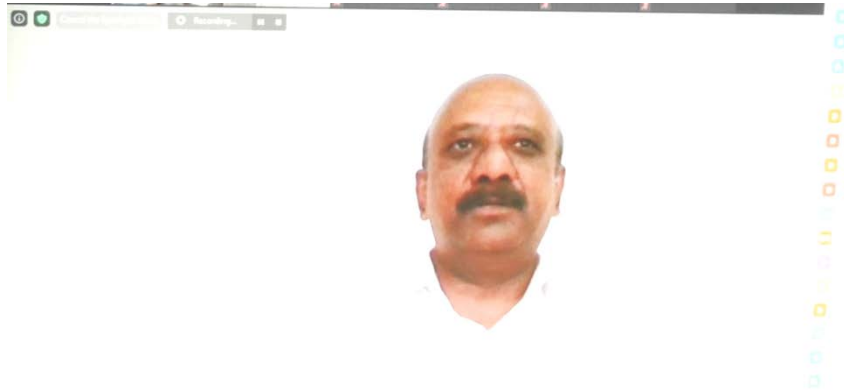
Mr. Nandhakumar also briefed the prevailing situation in other countries with regard to global insecurities and inequalities and urged the young students to practise the path of dharma and learn the responsibilities ahead of them.

He also recollected the exemplary and socialistic vision set by the PSG Sons & Charities and compared with the vision of JRD Tata to lay emphasis on the offerings to the society, which we live in. He also stated that “nobility should come without any force or compulsion”. The charity work carried out in the name of PSG Sons & Charities were pointed out.

The outcome of alcoholism and unhealthy practices of living were also discussed to show how several students in *Manavar Illam* are struggling without proper parenting. Students were also advised to spend some time with children in the orphanages in offering counselling and work for their upliftment, which will be a great service for the nation.

The 5000 plus years-old Indian culture, history, practice of dharma were underscored by the resource person to explain the core responsibility of an individual and restoring our tradition. At the same, he explained how the values and ethos helped our nation to sustain after all the invasions and still illuminating in glory. He also appealed to the students to find one deserving student from the under privileged group per year and offer assistance for their welfare.

The speaker also employed a quote from the poet Bharathiar to explicate the rich and invaluable heritage of the mother India. Besides, students were also requested to develop their inquisitive knowledge and channel their energy and enthusiasm towards social upliftment. The session ended with questions and answers. Finally, Dr.G.Chandramohan, Vice-Principal, proposed the vote of thanks and detailed about the works done by the students of PSG iTech for the *ManavarIllam* in the recent past.



**Mr.R.Nandhakumar, Head, Legal &Admin, Leap Green Energy, Coimbatore
addressing the students during the First Year Induction Programme on Future
Social Responsibilities of Youth in India Context**

Alumni Talk on How to Grab Opportunities for a Holistic Growth

PSG iTech organized a session on **How to Grab Opportunities for a Holistic Growth** during the First Year Induction Programme 2020-2021 on 11th Nov. 2020 (Wednesday). Ms.Dhanya, an alumnae of B.E. EEE (2018 Batch) and Analyst, Lowe's Pvt. Ltd., Bangalore addressed the students on multifarious aspects of academics and personal traits to be imbibed for a successful academic career. Dr.P.V.Mohanram, Principal, welcomed the gathering and recollected her various outstanding accomplishments that she made during her college days. Dr.G.Chandramohan, Vice-Principal, thanked the resource person for spending her precious time in sharing some useful strategies to encounter the four-year journey with her juniors.

At the outset, Ms.Dhanya expressed her gratitude to all her teachers, who shaped her personality and helped her to become a successful person. She explained, in detail, about the intricacies in balancing the academics and extra-curricular activities. Similarly, she explained how she accommodated and transformed herself from a school to college life by citing various instances from her four-year college life. She encouraged the students to grab every opportunity to experience the novel things, which will help a person to know the unknown spheres of knowledge. It was mentioned that it took around a year to understand the nuances of an engineering course and comprehend the ways and means of approaching the course. Meanwhile, she reminisced her hostel life, especially how she adapted herself to the new ecosystem and people in her hostel room. Apart from these, she shed light on the following points:

General:

- Learn to face the uncertainties in life and perceive it as an experience
- Accept whatever opportunity unfolds in life
- Enhance the leadership skills to unleash your potential
- Be creative and take initiatives
- Finish the task on hand and give last priority for entertainment, cell phones etc.
- Voluntarily participate in hostel activities and build your network
- Avoid complaining about hostel or anything in life
- Be grateful to all things you have received from time to time
- Be judicious in spending pocket money
- Keep your physique fit through exercises
- Be contented with whatever you have and start living in the present
- Be a solution provider in conflicting scenarios
- Establish rapport with students from other colleges too
- Learn to accept constructive criticisms; it is not about the person but about the action
- Good friends are really important for success
- Mutually help each other when there is a genuine need and grow as a team
- Own your responsibilities and complete the tasks on time

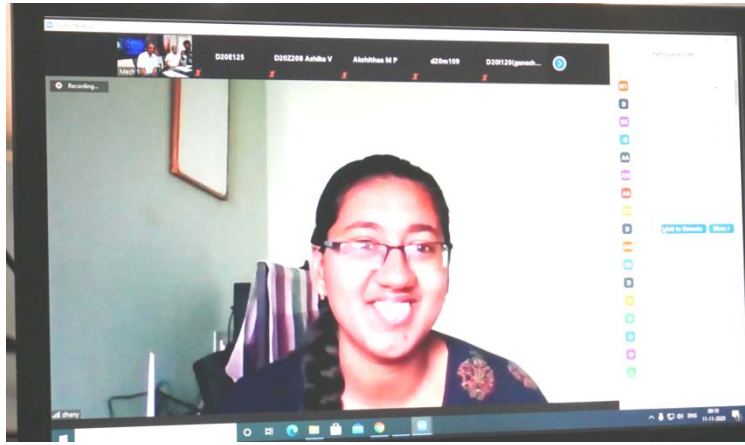
Academics:

- Consistently Maintain a minimum of 8.5 CGPA till the final semester
- Focus on understanding the concepts in engineering
- Apply for revaluation if you are disheartened with the marks secured in the AU exams
- Establish connect with students from other depts. in organizing events and doing projects
- Understand the importance of googling skills
- Logic is more important than syntax
- Enroll in relevant courses for doing project work
- Stay attentive in classes
- Commit yourself in doing projects
- Plan in advance and jot down your ideas on paper
- Be smart in grabbing opportunities

Professional:

- Create a LinkedIn profile and start professional networking
- Use personal email for creating LinkedIn profile

Finally, Mr.M.Sathiyathan, Asst. Professor, Dept. of EEE, proposed the vote of thanks.



Ms.Dhanya, an alumnae of B.E. EEE (2018 Batch) and Analyst, Lowe's Pvt. Ltd., Bangalore addressing the students on How to Grab Opportunities for a Holistic Growth during the First Year Induction Programme 2020-2021 on 11th Nov. 2020

Alumni Talk on Leadership Skills

Mr.K.Annamalai, Former IPS Officer and Founder, We the Leaders Foundation, addressed the first year students on **Leadership Skills** during the **First Year Induction Programme 2020-2021** held on 12th Nov. 2020. Dr.P.V.Mohanram, Principal, welcomed his former student and offered his felicitations and briefed about the resource person's transformation from a learner to a leader.

The resource commenced his speech with a detailed explanation on one of the popular leadership theories of Warren Bennis and Burt Nanus: Volatility, Uncertainty, Complexity, and Ambiguity (VUCA) and appealed the students to be witnessing actors, whose outcomes cannot be controlled. Also, he spoke about the influence of one idea over another idea to implicate the world of uncertainty.

Mr.K.Annamalai defined leadership as a continuous learning process and stressed on the importance of life-long learning through an interesting anecdote. Then, he requested the young students to observe their immediate environment and identify a societal problem, which is bigger than their life, and immerse into it for uprooting the problem. Especially, he spoke about how overcoming one's ego facilitates in setting higher goals and committing oneself towards great things in life. He also cited the case of Mr.Rana Kapoor and many other business tycoons, who have faced miserable end in their professional lives due to their egoistic nature.

The hardships faced by their parents in the bygone days were explained briefly to make the students realize the philosophy of leading a simple life and high thinking. He also spoke about the detrimental effects of pampering made by their parents and its impact on their adaptability skills. It was also pointed out that sense of competition leads only to create poor and ineffective leaders.

Students were explained how the trials and tribulations faced by Steve Jobs in the competitive world, which kicked him out of the job, had made him stronger with more clarity and overcome selfishness.

They were explained how Steve Job's obsession for perfection led him to become a successful technocrat in the later part of his life. He appealed the students to kill their egos by self-realization, reading books, and spiritual enlightenment. Mr Annamalai also explained how he strived to overcome his ego by committing himself to doing service for others in ashrams and derives satisfaction. He had a natural calling to devote to society's upliftment.

Learnings from the life of Mahatma Gandhi

Besides, students were narrated some testing time from Gandhiji's life, especially how he was initially driven by selfishness in making money. He also explained the kind of significant transformation underwent by Mahatma Gandhi, when he was racially discriminated and terminated from the first class compartment, during his train journey in South Africa. Students were explained how Gandhi took 55 years to fulfill his dream after encountering various hardships in life. He also insisted that people, who want to revolutionize their field, must have a vision for future and have big picture thinking.

Inspiration from the distinguished Alumni of PSG Tech

At the same time, he explained how he was inspired by the distinguished alumni of PSG Tech like Shiv Nadar, Mayilsamy Annadurai, and Shammugam Nagarajan and their corner stones for success: no sense of ego, life-long learning, and moving ahead with bigger picture in life.

Facing Failures

Furthermore, it was instilled that failures are the stepping stones to reach success. He described how continuous failures led to the success of the president-elect Joe Bides at the age of 78 with all his health problems. He also insisted that the younger generations must not only see the success-side of the leaders but also learn how they emerged from those failures. It was affirmed that there is no success without failures and requested the students to embrace failures and learn from failures, which is the real test for aspiring leaders.

Learnings from Academic Pursuits

Later, he recollected how fate driven him to PSG Tech, where he met the finest teachers and people with great ideals in life. He acknowledged that technical things were not his cup of tea, so refused his offer from TCS and took a break to join MBA in IIM Lucknow, where he got an opportunity to work with Melinda Gates and the life-changing experience. He also detailed about the work he has been doing through the foundation *We the Leaders* and how he embraced failures to reach the pinnacle of success. Also, he suggested students to have faith in destiny and not to control their life. He requested the students to see the positivity in everything and recognize the play of totality. It was also emphasized that students need to maintain a cheerful disposition irrespective of the situations that unfold as comic events.



Mr.K.Annamalai, Former IPS Officer and Founder, We the Leaders Foundation, addressing the First Year Students during the First Year Induction Programme-2020 held on 12th November 2020

Role of Library

At the same time, Mr Annamalai requested the students to stay in constant touch with gurus and shared how reading magazines like *Malayala Manorama*, newspapers, and books on international and Indian politics in library, helped him to get a global perspective and understand the need for service for the society.

It was strongly recommended that students need to work on their strengths and treat success and failure equally. Dr.G.Chandramohan, Vice-Principal, offered felicitations to Mr.K.Annamalai. Finally, Dr.N.Saravanakumar, Professor and Head, Dept. of Mechanical Engineering proposed the vote of thanks.



Dr. N Saravanakumar, Professor and Head, Dept. of Mechanical Engineering proposing vote of thanks during the First Year Induction Programme-2020 held on 12th Nov. 2020.

Yoga Session - First Year Induction Programme

The Department of Physical Education of PSG iTech conducted Yoga Sessions for the First Year students during the **Induction Programme-2020** held from 5th to 24th Nov. 2020. Mr. A. Robinson, Director of Physical Education and Ms. D. Saranyadevi, Assistant Professor, Dept. of Civil Engineering, PSG iTech, delivered the welcome address and introduced the yoga masters to the students.

Around 198 (Boys and Girls) students benefitted through the session. During the session, Mr. Subramani, Mr. M. Senthilkumar, Ms. C. Thangamani and Ms. M. Sabitha elaborated on various Yoga Asanas and Pranayama (breathing exercises).

Standing Asanas:

- Tadasana
- Vrksasana
- Urdhva Hastasana
- Padangusthasana
- Utkatasana
- Utthita Trikonasana
- Anjaneyasana
- Utthita Parsvakonasana

Sitting Asanas:

- Paripurna Navasana
- Baddha Konasana
- Gomukhasana
- Sukhasana
- Agnistambhasana
- Ardha Matsyendrasana
- Janu Sirsasana.

Prone Posture Asanas:

- Makarasana
- Bhujangasana
- Salabhasana
- Dhanurasana
- Ashtangasana

Supine PostureAsanas:

- Uttanpadasana
- Pavanamuktasana
- Setu Bandha Sarvangasana
- Shavasana & Sarvangasan

Finally, the session ended with Pranayamas (breathing exercises) like Bhramari Pranayama, KapalBhati Pranayama, Bhastrika Pranayama, Nadi Shodhan Pranayama, and Nadi Shuddhi Pranayama.

Feedback for yoga session (Boys):



Name: Mr. Rishi Gowtham S (1ST Year)
Department: Civil Department
Roll No: D20C122

Feedback: The yoga session is very useful, which keeps my mind relaxing and stress free. The trainer is very good in performing yoga and I loved the session.



Name: Mr. Hariharan R (1ST Year)
Department: EEE Department
Roll No: D20E208

Feedback: I attended the yoga class conducted in the induction program, it was very good and useful to me. Due to that class, I also became fit. And I also had few eye problems and it is becoming better now since I am practising yoga. And also it improved my concentration in studies. I really thank the college for giving me this opportunity.



Name: Mr. Yuvanesh J (1ST Year)
Department: CSE Department
Roll No: D20Z113

Feedback: I have attended the yoga session during our induction programme. The session was very useful and knowledgeable. I inculcated a habit of waking up earlier which is very useful for my day to day life. The Yoga session was taught well by the faculty in a polite manner. The overall session was well planned and executed. Active participation of all the students would have made it much more enjoyable.

Feedback for yoga session (Girls):

From D20Z102 to Everyone

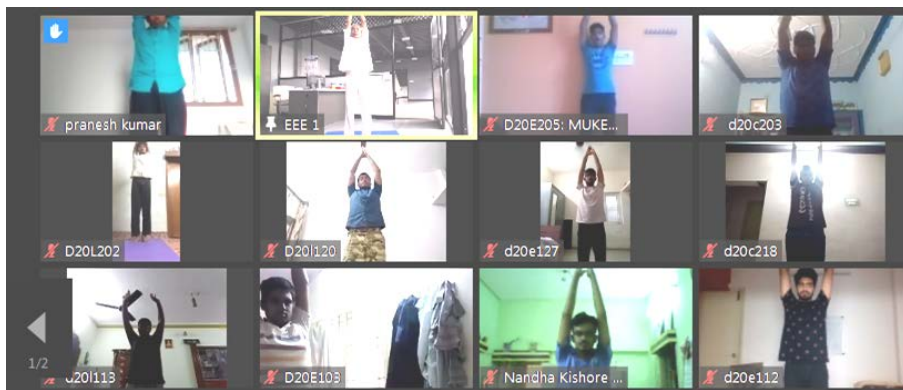
good morning mam, The yoga sessions were very helpful and made me fresh the whole day.

From D20L112 to me (Direct Message)

Mam this was really useful for me. It helped in being active the whole day. This also helped me waking up early



Ms. M.Sabitha, Yoga Teacher, along with girl students, is practicing various Yoga Asanas during the First Year Induction Programme-2020



Boys practicing various Yoga Asanas during the First Year Induction Programme-2020



Mr.Subramani, Yoga Master, is demonstrating Padmasana during the First Year Induction Programme- 2020

Session on First Aid, Fire and Safety - First Year Induction Programme

The Department of Physical Education of PSG iTech organized two exclusive sessions for the first year students on First Aid (F-First, I-Investigation, R-Relief, S-Symptom, T-Treatment, A-Arrangement, I- Immediately, D-Disposal) and Fire and Safety (F-Find, I- Inform, R-Rescue, E-Evacuate, S-Stay, A-Alert, F-For, E-Every, T-Task, Y-You do) during the First Year Induction Programme-2020 held on 6th Nov. 2020.

Mr. A. Robinson, Director of Physical Education, PSG iTech, delivered the welcome address and introduced the resource person. Mr. V Rangaraju, Safety Officer, PSG Institutions, made a detailed demonstration on Safety and Awareness for the students. Around 247 students benefitted through the session. During the session, Mr.V.Rangaraju made a lecture – cum-demonstration on effective use of fire extinguishers during fire accidents and use of wet clothes for securing a person from fire injuries. Further, they were elaborated on different types of fracture and steps to be followed during the arm fractures and injuries. Students were clearly demonstrated on rescuing methods that can be adopted during electric shock. In addition, they were given step-by-step guidance about the coin chocking. Also, question and answer session was held to clarify various doubts raised by students. Finally, Mr. A. Robinson, PED proposed the vote of thanks.



Mr. V. Rangaraju, Safety Officer, explaining and demonstrating the first aid steps to be followed during the fire accident scenario

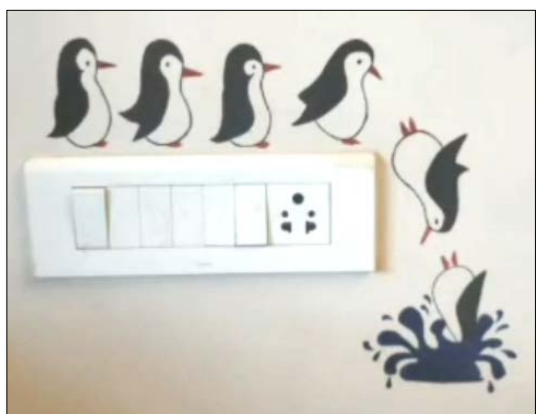


Dr.P.V.Mohanram, Principal honouring the resource person Mr.V.Rangaraju, Safety Officer, PSG Institutions with a memento during his session on “First Aid, Fire and Safety Awareness” during the First Year Induction Programme on 6th Nov 2020.

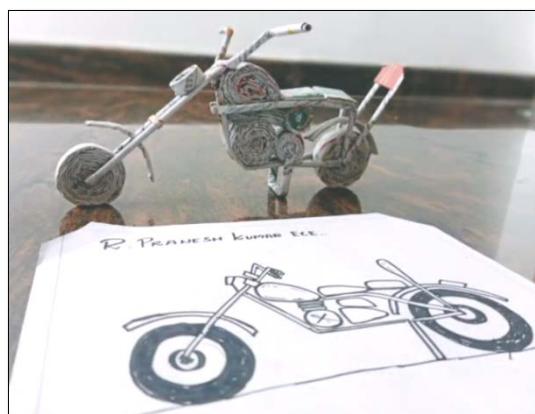
Student Talent Expo-First Year Induction programme 2020

As part of the First Year Induction programme for the students admitted in the academic year 2020-21, the Students' Talent Expo was conducted in two spells on 16th and 24th November, 2020 through Zoom online platform. Dr. P. V. Mohanram, Principal, Dr. G. Chandramohan, Vice-Principal, Dr. P. Vetrivelan, HoD in-charge, Department of ECE and Dr. S. Aramuthakannan, Associate Professor, Department of Mathematics greeted the students on this occasion. Around 86 videos on different categories, viz., Yoga, Literary, Drawing and Painting, Music, Dance, Gymnastics and Photography were uploaded by the students, which were scrutinized and screened through Zoom online platform.

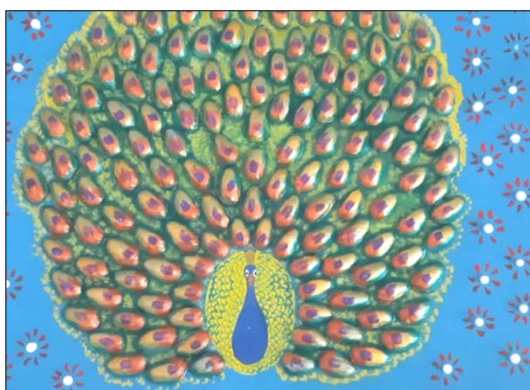
The event commenced with the prayer song by Ms. Lakshmi Priya, I BE EEE on 16th November, 2020 and a devotional song by Ms. P. Amrithaa, I BE ECE on 24th November, 2020. Few notable talents include the Sculpture by Ms. S. Priyadharshini, I BE Civil Engineering, the rhythmic Rope Dance by Ms. Dharsana, I BE EEE, the yoga performance by Ms. Arthi, I BE ECE, the colourful Art work by Ms. Varsha, I BE EEE, the extraordinary oratorical skill of Ms. Madhusri, I BE ECE, the excellent photography and editing skill of Mr. A. Anurag and the melodious music by Ms. Swathy of I BE CSE. The event was coordinated by Ms. K. Lakshmi Kalpana Roy, Assistant Professor, Department of CSE and Ms. S. Pavithra, Student Counsellor, Wellness Centre.



**Switch Board Art by Ms. Nethra
Chezhiyan, I BE EEE**



**Craft Work from waste by Mr. R. Pranesh
Kumar, I BE ECE**



Art work by Ms. Varsha, I BE EEE



Sculpture by Ms. Priyadharshini, I BE Civil

Alumni Talk on How to Grab Opportunities for a Holistic Growth

PSG iTech organized a session on **Challenges in Content Writing in Magazines and Journal Publications** for the first year students during the **First Year Induction Programme 2020-2021** held on 16th Nov. 2020. Ms.G.Sahithya, an alumnae of B.E. Civil Engineering and Graduate Engineer Trainee, Technip FMC, Chennai addressed the students on various mechanisms of writing skills. Dr. P.V.Mohanram, Principal, welcomed the resource person and students and highlighted the importance of **honing writing skills in professional carrier**. The demand for content writers and the role of documentation were also explained, in brief, during his introductory remarks. Mr.P.Balakumar, Asst. Professor, Dept. of Civil, delivered the welcome address and lauded the commitments and achievements of Ms.G.Sahithya during her academic life. Especially, her passion for writing was appreciated.

Ms.G.Sahithya, in her presentation, shed light on challenges in content writing. It was suggested that a content writer may ask the following questions: What, When, Where, and How to get a clarity on what they want to communicate for their readers precisely. She broadly divided her presentation into two sections: **technical writing and non-technical writing**.

It was emphasized that a content writer need to **build a detailed profile about his or her writing competency in social media sites like Facebook and LinkedIn** and build a network with other content writers. She also hinted about the market remuneration for content writers.

It was emphasized that a good content writer **shall refrain from plagiarism**, develop the ability to do quick research, and gather data. She strongly recommended the students **to upgrade their vocabulary skills by reading novels and short stories of literary figures like Rabindranath Tagore, O Henry, Dan Brown, Sidney Sheldon, Jhumpa Lahiri and John Grisham**. She shared some of the ways through which students can contribute to the magazines like: content provider, proof-reading, and designer.

To hone their technical writing skills, students were strongly recommended to **write research articles, present research papers in conferences, and write technical reports**. Whereas for non-technical writing, students were suggested to utilize the space offered in college magazine *Tarangini* and Dept. Magazines like *Scriptures*. Besides, students were also encouraged to start **writing in blogs to shape their writing and thinking skills**. She insisted the budding writers to use professional softwares like grammarly.com, gingerly.com and so on. Besides, she advised the students to learn the nuances of writing a technical paper like non-technical and the vice versa.

She also briefly talked about how she **was able to get internship opportunities at IITs, Manipal University**, and other chances because of her strong writing skills. Finally, students were requested to **develop their communication skills, publish at least of two research papers in reputed journals, and do internships to add value to their resumes**.

Later, Dr.P.V.Mohanram, Principal, recapitulated the points discussed during the presentation and shared the availability of plagiarism checking software Turn-it-in in the college. Finally, Mr.P.Balakumar, Asst. Professor, Dept. of Civil, proposed the vote of thanks.



Ms.G.Sahithya, an alumnae of B.E. Civil Engineering and Graduate Engineer Trainee, TechnipFMC, addressing the students on Challenges in Content Writing in Magazines and Journal Publications during the First Year Induction Programme held on 16th Nov. 2020



Dr P.V.Mohanram, Principal and Mr P Balakumar, Asst. Prof, Dept. of Civil Engineering and Session in Charge, listening to the lecture on Challenges in Content Writing in Magazines and Journal Publications during the First Year Induction Programme held on 16th Nov. 2020

Alumni Talk on Overseas Internship Experiences and CAT Preparation

PSG Institute of Technology and Applied Research organized a session for the first year students on **Overseas Internship Experiences and CAT Preparation** during the First Year Induction Programme-2020 held on 17th November 2020. Mr. C.S. Nagarajan, an alumnus of B.E. Mech. (2019 Batch) and Trainee Decision Scientist, Mu Sigma Business Solutions, Bangalore, interacted with the students.

Dr.P.V.Mohanram, Principal, and Dr.G.Chandramohan, Vice-Principal, offered their felicitations and welcomed the students and resource person. While delivering the lecture, Mr. Nagarajan elaborated on the following points:

General:

- ✓ Utilize every opportunity and engage in life-long learning.
- ✓ Maintain calm and composed mind-set for excelling in the competitive exams

Handling Distractions:

- ✓ Stay away from internal and external distractions like mobile phone and social media
- ✓ Keep yourself away from negativity

Importance of Self-esteem:

- ✓ Put adequate efforts to emerge as a successful person in personal and professional life
- ✓ Do not to limit your potential or possibilities
- ✓ Inculcate strong work ethic and discipline yourself
- ✓ Be a highly-motivated individual
- ✓ Maximize your skills and minimize your ego
- ✓ Avoid pretending and never hesitate to say 'I don't know'
- ✓ Learn to work hard beyond the college hours and be passionate
- ✓ Take pride in self and our own nation and its diversity
- ✓ Be patriotic
- ✓ Train your mind to think, moment to moment
- ✓ Try to give the best output in anything and everything that you do
- ✓ Make effective decisions that will help you in the long run
- ✓ Having fun and enjoying in life are very limited goals in life
- ✓ Be open-minded person to see the good in everything
- ✓ Be humble to everyone, in all instances
- ✓ Read books, magazines, journals in library and explore the fiction section fully
- ✓ Watch the "Losers" series in Netflix to get valuable inputs
- ✓ Use Timesheet app to plan and manage your time
- ✓ Explore the global opportunities available for higher studies

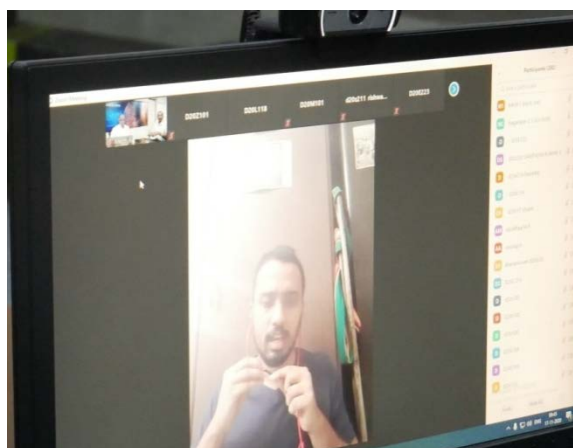
Academics:

- ✓ Do quality internships on par with international standards
- ✓ Fix your goals for higher education at the earliest
- ✓ Focus on the fundamentals during the first year
- ✓ Work hard to succeed in GRE and GATE
- ✓ International Exams are expensive, therefore, it requires serious preparation
- ✓ Maintain a good CGPA close to 9 across all the semesters

Besides, he also spoke the opportunity to do volunteering work with UN Volunteers and working strategies for taking up competitive exams in detail. Finally, Dr.K.Pramila, Professor and Head, Dept. of English, proposed the vote of thanks.



Dr P.V.Mohanram, Principal, Dr.G.Chandramohan, Vice-Principal, Dr.K.Pramila, Professor of English, and Dr.N.Saravanakumar, Professor of Mechanical Engineering were present for the session delivered by Mr.Nagarajan on Overseas Internship Experiences and CAT Preparation organized during the First Year Induction Programme-2020 held on 17th November 2020.



Mr. C.S. Nagarajan, an alumnus of B.E. Mech. (2019 Batch) and Trainee Decision Scientist, Mu Sigma Business Solutions, Bangalore, interacting with students on Overseas Internship Experiences and CAT Preparation during the First Year Induction Programme-2020 held on 17th November 2020

Talk on “Learning Experiences in PSG and the U.S.”

Dr. Gopalakrishnan Easwaran, Chair of the Dept. of Engineering, St. Mary’s University, Texas, U.S. addressed the first year students on **Learning Experiences in PSG and the U.S.** during the First Year Induction Programme 2020 held on 18th Nov. 2020. **Dr. P.V. Mohanram**, Principal, welcomed the resource person and student participants. Dr. Gopalakrishnan Easwaran voraciously spoke about the distinctive features in technical education, especially his first-class learnings from PSG College of Technology and the U.S. Some of the significant points elongated during the lecture are listed below:

Academics:

- Connect with the faculty and mentors and establish a strong rapport
- Decide your career path and enhance your passion

- Connect the technical knowledge with real-life problems and seek a working solution
- Go beyond the syllabus contents and explore the horizons of knowledge to grasp the big picture
- Spend most of the time in college laboratories
- Read the text books prior to the classes (Flipped Class)
- Discuss the key points dealt in class with peers
- Relish your college experience
- Attend the training programmes offered by industry experts
- Collaborate with faculty in conferences, industrial projects, setting up research laboratories, research work for enriching learning experience
- Prepare for GMAT, GRE, TOEFL etc.
- Internships are important and experiences are valuable
- Develop pre-reading skills which will prepare you for meaningful discussions
- Work out the problems given beyond the text books
- Elaborated on paid international internship opportunities and summer research fellowship
- Make your presence known to your faculty

General:

- Never be afraid of failure; instead, learn from failures
- Stay away from distractions
- Get good friends for life-long focus on developing skills rather than getting marks
- Pursue liberal arts courses, which help you to understand other aspects of living
- Be a problem solver and transform the living experience of people
- Develop the habit of studying books and get rid of anxiety, loneliness etc.

Finally, Dr.G.Chandramohan, Vice-Principal, proposed the vote of thanks.



Dr. Gopalakrishnan Easwaran, Chair of the Dept. of Engineering, St. Mary's University, Texas, U.S. addressing the first year students on Learning Experiences in PSG and the U.S. during the First Year Induction Programme 2020 on 18th Nov. 2020.

Talk on “Transformation of Youth from a Consumer to Contributor”

PSG Institute of Technology and Applied Research (PSG iTech) organized a talk on **Transformation of Youth from a Consumer to Contributor** as part of the **First Year Induction Programme-2020** held on 19th November 2020. Dr.V.Kovaichelvan, Director –TVS Institute for Quality & Leadership, TVS Motor Company, Bangalore addressed the students. Dr.P.V.Mohanram, welcomed the resource person and students. Dr.C.L.Vasu, Professor and Head, Dept. of EEE introduced the chief guest to the audience. During the session, various aspects of transformation, need for understanding the social-responsibility, and ways and means of leading a quality and meaningful of life were detailed.



Dr. V. Kovaichelvan, Director –TVS Institute for Quality &Leadership, TVS Motor Company, Bangalore addressing the students on Transformation of Youth from a Consumer to Contributor during the First Year Induction Programme-2020 held on 19th November 2020

Some of the significant points discussed in the session are as follows:

- Requested the students to emerge as contributors rather than consumers
- Have great dreams and aspirations in life
- Fix a greater goal that uplifts the society and people in the vicinity
- Focus on self-actualization and offer yourself for the society without any expectations
- Emphasized on developing employability skills for shaping a professional career
- Unleash all the potential to contribute for the society
- Potential is the product of aspiration, engagement, and ability
- Factors that enable effective learning skills are: doing some physical exercises regularly, drinking adequate water, eating nutritious food and having sound sleep
- Do SWOT analysis to understand and shape your personality
- Understand the different domains of knowledge like: cognitive thinking skills, affective attitudes, and psychomotor attributes
- Develop professional skills like: communication skills, interpersonal skills, physical fitness, and personal effectiveness.
- Participate in extra-curricular activities
- Understand the VUCA world
- Enhance your transdisciplinary, multidisciplinary, and interdisciplinary skills

- Future ready skills are: curiosity, empathy, insights, and determination
- Prepare for career not for job
- Prepare resume for 4 to 10 years
- Balance curricular, co-curricular, and extra-curricular activities
- Remain future-ready and relevant
- Dream the dream that does not let you sleep

Finally, Dr.C.L.Vasu, Professor and Head, Dept. of EEE, recapitulated the points discussed in the session and proposed the vote of thanks.



Dr.P.V.Mohanram (Center), Dr.G.Chandramohan (Right), and Dr. C.L.Vasu (Left) are attending the session on 19th Nov 2020

Talk on “Vehicle Development and Studies Abroad”

PSG Institute of Technology and Applied Research (PSG iTech) organized a talk on **Vehicle Development and Studies Abroad** as part of the **First Year Induction Programme-2020** held on 19th November 2020. Mr.J.Ashwin, an alumnus of B.E. Mechanical Engineering (2018 Batch) and currently a Student of Automotive Engineering at University of Modena and Reggio Emilia, Italy, addressed the students on building interest in automobile industry and scopes. Dr. P.V.Mohanram, Principal, Dr.G.Chandrmohan, Vice-Principal, Dr.N.Saravanakumar, Professor and Head, Dept. of Mechanical Engineering offered their felicitations before the commencement of the talk. Mr.J.Nagarjun, Asst. Professor, Dept. of Mechanical Engineering introduced the resource person and delivered the welcome address.



Mr.J.Ashwin, an alumnus of B.E. Mech Engg. (2018 Batch) and currently a student of Automotive Engineering at University of Modena and Raggio Emilia, Italy, addressing the students on Vehicle Development and Studies Abroad during the First Year Induction Programme-2020 held on 19th Nov 2020

During the session, the following points were deliberated:

Academics:

- Participate in competitions like Baja to enhance your knowledge
- Motivate and inspire the team members to build vehicles
- Use softwares to create soft model of the vehicle
- Apply the concepts learnt in various contexts like projects etc.,
- Take help from industry experts at appropriate time
- Interact with top-leaders in the field of engineering
- Focus on scoring well in exams, maintain CGPA of 8.5, which is the entry criterion

General:

- Follow the learning by doing strategy
- Push the boundaries of learning, especially spend time after college hours to do projects
- Develop sense of responsibility
- Learn to be adaptive and dynamic
- Observe closely on how and what you communicate
- Be open for all learning possibilities
- Chase your passion
- Spend more time in doing projects than scoring only on marks
- Develop can-do entrepreneurial attitude
- Inspire others to do more projects and build confidence
- Don't stop learning at any point of time
- Explore and experiment yourself on a daily basis
- Focus on building resume from day one

Mr.Ashwin was thankful to the management for sponsoring magnanimously for their automobile project. Finally, Mr.J.Nagarjun, Asst. Professor, Dept. of Mechanical Engineering, proposed the vote of thanks.



Dr. P.V.Mohanram, Principal, Dr.G.Chandramohan, Vice-Principal, Dr.N.Saravanakumar, Professor and Head, Dept. of Mechanical Engineering, and Mr.J.Nagarjun are listening to the speech delivered by Mr.Ashwin on 20th Nov. 2020

Talk on “Converting Dreams into Reality”

PSG iTech organized a talk on **Converting Dreams into Reality** as part of the **First Year Induction Programme-2020** held on 23rd November 2020. Mr.J.Sujith, Founder, Maatram Foundation, AVP & HR Business Leader, Infosys Ltd., Chennai, addressed the students.

Dr.P.V.Mohanram, Principal and Dr. G.Chandramohan, Vice-Principal, welcomed the resource person and students, and offered their felicitations. Dr.R.Manimegalai, Professor and Head, Dept. of CSE, introduced the chief guest to the audience. During the session, insights on life skills, personality traits, and social responsibility were shared.

Some of the significant points disseminated during the session include:

- Find effective ways to transform your personality from one stage to another stage
- Equip yourself with skills, both hard and soft skills, required for becoming industry-ready professionals
- Focus on strengths rather than weaknesses to become a successful person in life
- Develop the right attitude and perspective towards everything in life
- Understand the philosophy of ‘Know thy self’ and explore your interior self
- Explore the ways to use the brilliance in appropriate way
- Goal of education is to open the heart and be of use to the society
- Explore and enhance your unique talent
- Strength of an individual is the product of talent and time invested
- Identify good friends, who elevate your strengths
- Each one may teach school children to uplift them
- Focus on incremental changes on a daily basis (1% improvement consistently)
- Be a commonsensical person in all walks of your life
- Be a socially responsible person
- Dream for something big; dream is a reflection of ideas stored in sub-conscious mind
- Identify and solve a social problem with knowledge and expertise
- Utilize the four year college life as a launch pad for learning various skills
- Talk in front of a crowd to eliminate stage fear
- Participate in sports activities to strength your mind and body
- Develop empathy for others
- Have long and short-term goals in life
- Take time to understand the challenges ahead in life and changes will not happen in over night
- Good sleep and good lungs capacity are important for a successful living
- Use mobile phone only when it is really necessary
- Participate in co-curricular and extra-curricular activities like Hackathons, competitions etc.
- Develop some hobby and pursue your passion
- Life is all about inspiring other members in the community
- Be grateful to the alma mater

The session was filled with interesting stories from real-life experience and served as a great motivation for students. Finally, the session came to the end with interaction and vote of thanks proposed by Dr.R.Manimegalai, Professor and Head, Dept. of CSE.



Mr.J.Sujith, Founder, Maatram Foundation, AVP & HR Business Leader, Infosys Ltd., Chennai, addressing the students on Converting Dreams into Reality during the First Year Induction Programme-2020 held on 23rd November 2020

Talk on “Professional Skill”

PSG Institute of Technology and Applied Research (PSG iTech) organized a lecture on **Professional Skills** as part of the **First Year Induction Programme-2020** held on 24th November 2020. Ms.G.Monisha, Engineer, L&T Technology Services Ltd, Bangalore addressed the students. Dr.P.V.Mohanram, Principal and Dr.G.Chandramohan, Vice-Principal, offered their felicitations to the resource person. Dr.E.Malar, Professor, Dept. EEE, delivered the welcomed the address. During the session, Ms.G.Monisha, shed light on various professional attributes and skills that are necessary to be a successful and shining professional. Some of the key points deliberated during the session are as follows:

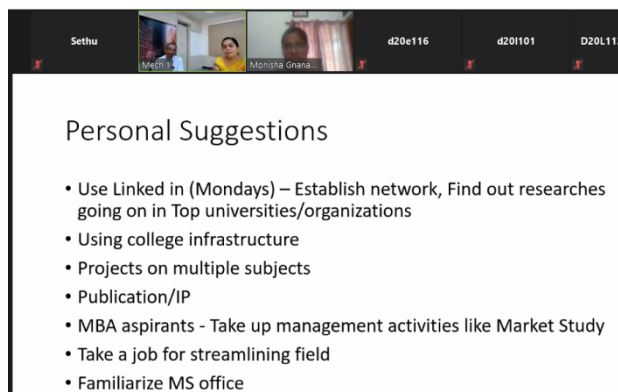
Academics:

- Develop problem-solving skills to be a successful engineer
- Coding is the need of the hour, irrespective of the discipline
- Attend workshops, internships and do at least of six projects to enhance your technical skills
- Check the websites of top colleges/ universities to know the ongoing researches and apply for research assistantship
- Be passionate about using the lab facilities irrespective of the time and day to experiment new ideas
- Do projects on multiple subjects to enhance the inter-disciplinary skills
- Develop proficiency in MS Office
- Establish rapport with seniors to know the latest updates in corporate and skills to be equipped
- Publish at least two papers in reputed journals to stand unique among the crowd
- Understand the logic than the syntax in coding

Soft skills:

- Develop strong communication skills to succeed in the interviews and for making effective presentations in college and professional life
- Be inquisitive and ask questions regularly in classes for better understanding of concepts
- Create a LinkedIn profile and start professional networking
- Make changes every Monday in the LinkedIn profile to get noticed by the concerned
- Learn Hindi as an additional language to explore the opportunities across the country
- Learn the adaptability skills to familiarize yourself with unfamiliar places and situations
- Use the brand name of the college to optimize your opportunities in gaining knowledge and skills
- Develop creativity and do things in a unique manner

Finally, Dr.G.Chandramohan, Vice-Principal, recalled the points shared during the session and Dr.E.Malar, Professor and Head, Dept. of EEE proposed the vote of thanks.



Ms.G.Monisha, Engineer, L&T Technology Services Ltd, Bangalore addressing the students on Professional Skills during the First Year Induction Programme-2020 held on 24th November 2020

Valedictory Session on First Year Induction Programme

PSG iTech organized a three-week First Year Induction Programme-2020 for the first year students from 4th Nov. 2020 to 24th Nov 2020. The 21- day program featured a series of talks by industry experts from top-notch companies, distinguished alumni, and public personalities. Besides these deliberations, a course on universal human values (UHV) was conducted for all the students to identify the inner self, the power of response rather than an emotional reaction, and the ultimate goal of life like peacefulness, happiness, and harmony. In addition, virtual industry visit to BMW Factory and Neelambur foundry, proficiency classes for coding, maths, and language, were also conducted for the students to bridge the gaps in learning. Sessions on infrastructure facility like sports, first aid practices, and fire safety were held to help the students to follow the precautionary measures during critical times. Also, exclusive sessions on applied science laboratory were organized to equip the students' in understanding the various advanced technical concepts.

Students were briefed about the various technical and non-technical clubs functioning in the college and exposed to activities and achievements made by the respective club members. Also, department-wise orientation was conducted for the students to expose them to technical and employability skills that are expected by the industry. Talent expo was conducted for the students to exhibit their extra-curricular skills on the last day of the induction programme.

Finally, the three-week induction programme came to the end with valedictory ceremony. During the ceremony, feedback on various learning experiences and insights gained during the 21-day induction programme was shared by the students and faculty members. The session was moderated by the Principal Dr.P.V.Mohanram. Importantly, Tarangini 6.1, the bi-annual college newsletter, was released and the first copy was received by Dr.P.Perumal, Professor of Civil Engineering including a team of faculty. Dr.G.Chandramohan, Vice-Principal, succinctly recapitulated the points discussed by the experts and proposed the vote of thanks.



Dr.P.V. Mohanram, Principal, Dr.Chandramohan, Vice-Principal, Dr.P.Perumal and Dr Ramesh, Professors, Faculty and Student Coordinators of Tarangini Magazine are seen in the photo during the release of Tarangini on 24th Nov 2020

NBA Presentation by HoDs and Principal:

As part of preparation for the NBA, a series of presentations by HoDs are arranged related to their department readiness for the NBA. The dates and place of presentation along with photographs are given below:



NBA Presentation by Dr. R.Manimegalai, HoD/CSE at CSE Seminar Hall held on 17th November 2020



**NBA Presentation by Dr. CL Vasu, HoD/EEE at
EEE Seminar Hall held on 20th November 2020**



**NBA Presentation by Dr.P.Vetrivel, HoD/ECE at
ECE Seminar Hall held on 18th November 2020**



**NBA Presentation by Dr. N Saravanakumar, HoD/Mech at
Mechanical Seminar Hall held on 23rd November 2020**



NBA Presentation by Dr. Abdul Aleem, HoD/Civil at Civil Seminar Hall held on 19th November 2020



NBA Presentation by Dr P V Mohanram, Principal at Civil Seminar Hall held on 18th December 2020

Lecture on “3D Printing”

PSG iTech, in association with the Indian Society for Technical Education (ISTE) Student Chapter organized a guest lecture on **3D Printing** for the first year students as part of **Technological Advancements- Lecture Series** on 12th Dec. 2020. Mr.Vignesh Hari, an alumnus of KTH Royal Institute of Technology, Sweden, addressed the students on various aspects of 3D Printing Technology. Dr.P.V.Mohanram, Principal, welcomed the students and faculty participants. During the welcome address, students were explained about the importance of ISTE and were requested to identify and explore some of the latest state-of-the-art technologies like Artificial Intelligence, 3D Printing and expand their horizon of knowledge.

Also, students were motivated to utilize the 3D Printing Technology available in the campus. Mr. Vignesh Hari, in his detailed presentation, defined 3D Printing, differentiated subtractive and additive manufacturing, and explained in detail about the working of 3D Printing and its industrial applications with interesting videos and pictures. Students were elaborated on the materials that could be employed for 3D printing technology like plastics, ceramics, and metal.

The resource person also highlighted on Metal 3D Printing and discussed the advantages of Power Bed Fusion (PBF) process. In addition, he explained about the application of PBF process in various fields like medical, aerospace, and automation. Also, the future of 3D Printing and its impact were discussed. Finally, Dr M I Abdul Aleem, Secretary (ISTE PSG iTech), Professor and Head, Dept. of Civil Engineering, proposed the vote of thanks and invited all the interested students to explore various avenues of knowledge in 3D printing. Mr. D. Venkatesh, Asst. Professor, Dept. of ECE, coordinated the session.



From Left: Dr. I Abdul Aleem, Secretary (PSG iTech- ISTE), Dr PV Mohanram, Principal, Mr. Vignesh Hari, , KTH Royal Institute of Technology, Sweden, Dr. G. Chandramohan, Vice-Principal and Dr. P. Vetrivelan, Associate Professor and Head (i/c), Dept of ECE, during the lecture on 3D Printing, held on 12th Nov. 2020.



Mr. Vignesh Hari, KTH Royal Institute of Technology, Sweden addressing the students on 3D Printing on 12th December 2020

Event on “Anybody can Cook”

Cooking is an inevitable life skill and the management of PSG institutions supports the faculty of PSG Institute of Technology and Applied Research, Neelambur, Coimbatore in organizing activities to promote and develop the same through the cooking club Pushti:. One such interesting event was conducted on 5th December 2020 called “**AnyBody can Cook**”, for all the first year students. Around 200 students joined the session via Zoom. Principal Dr. P V Mohanram and Vice Principal Dr. G Chandramohan began the session with a note on the importance of cooking irrespective of gender and age. A step by step live demonstration of cooking “Pumpkin Halwa” was made by a team of faculty and staff members headed by the Pushti: club co-ordinator Dr.G. Santhanamari, Associate Professor, Department of ECE. Around 15 students performed the same from their homes and casted their screens live while others participated as active observers. The ingredients, their cost and the nutrient value were outlined during the demo. The session was lively and interactive. Even the novice students expressed their motivation to cook and try the recipe at home.



The Team of faculty and staff members of Pushti Club headed by the co-ordinator Dr G Santhanamari with Principal Dr P V Mohanram, Vice Principal Dr G Chandramohan and Dr.N.Saravanakumar, Professor and Head, Dept. of Mech, and P Vetrivelan, HoD Incharge of ECE, after the online live cooking demo



Students showcasing their mettle in cooking Pumpkin Halwa live from their respective locations

Industrial Visit to M/S Sandfits Foundries Private Limited

An Industrial visit to M/s Sandfits Foundries Pvt. Ltd, which is located at Ravathur Pirivu, Kannampalayam, Coimbatore, was organized on 12th December 2020 from 10 am to 3 pm. Dr P V Mohanram, Principal and Dr G Chandramohan, Vice-Principal, PSG iTech, initiated this visit and a total of 11 Faculty members from the Dept. of ECE and Mechanical Engineering have participated.

The objectives of the industrial visit are detailed below:

- ✓ To visit the industry and study the day-to-day routine processes that are followed to meet the customer demand requirements
- ✓ To study the areas that may need attention by adopting, particularly:(1) Automation (2) Sensors and (3) Associated or other related/allied Applications
- ✓ To sort and identify the industry required problems
- ✓ To offer feasible solutions for enhancing the current level of industrial performance outcomes
- ✓ To suggest suitable pilot trial plans, avenues and opportunities with the expected improvements for possible implementation

Dr P. V. Mohanram and Dr G. Chandramohan explained the purpose of the industrial visit and thanked the industry officials, Mr R Saravanan, Managing Director, Mr S Udayabhanu, President, Mr G Rajendran, Associate Vice-President, Mr S Neppoleon, Senior Manager, Mr P Barath, Assistant General Manager and Mr A Ranjithraj, Safety Officer for providing an opportunity to interact and enhance. Besides, they emphasized the importance of Industry-Institute Interactions for the mutual benefits of both sides in a dual manner.

After the pre-discussion, faculty members of ECE and Mechanical visited the fettling process plant-1 for flywheel component, plant-2 for the differential case and the complete foundry division with the elaborate illustration of Mr. P. Barath, and Mr. A.Ranjithraj. Mr P Barath explained the complete process in detail about the specifications, execution time, problems suffered, steps for the remedy, implementation cost and time, and the improvements/automation done so far in the plant. Faculty Members interacted with the industry officials and gathered necessary information for further investigations. The collected information was consolidated and shared in the post-discussion meeting held with the Industry officials.

Through this visit and interactions, feasible ideas were identified for further developments. Dr PV Mohanram, Principal, PSG iTech, concluded the discussion with sincere gratitude and guided the faculty members to prepare a consolidated feasibility report of the discussed improvements for proceeding further.



An Industrial visit to M/S Sandfits Foundries Private Limited”, located at Kannampalayam, Coimbatore was held on 12th December 2020

In continuation with the Industrial visit, the following are the significant ideas identified:

1. Automated and fool proof quality check at the end of the CF2 differential case manufacturing.
2. Automated parallel processing for quality checking at the end of the flywheel manufacturing process
3. IoT integration at the end of the manufacturing line for real- time logging
4. The review team suggested that professional industry ready solutions shall be identified based on poka-yoke technology.
5. An elaborate brainstorming was done based on the available solutions and feasibility study was conducted.
6. It was also suggested that the non-value added activities in the proposed solution shall be discarded so that the solution can be simplified and easy to install.



Post-Visit Discussion held at PSG iTech on 14th December 2020

Alumni Interaction

The Association of Civil Engineering (ACE) of PSG iTech organized **“Alumni Interaction”** for the second, third, and final year students of B.E. Civil Engineering on 06 Dec 2020 from 4 to 5p.m. through Google Meet Platform. Ms K Kavya (2014-18 Batch), Assistant Engineer, PWD, Coimbatore served as the resource person and delivered a talk on **“Government Exams Preparation”**. Dr. M I Abdul Aleem, Professor and Head, Dept. of Civil Engineering, delivered the welcome address and Mr. P Balakumar, Asst. Professor (Sr.Gr) and Faculty Advisor of ACE introduced the resource person.

During the lecture, Ms. K Kavya briefed on the following points:

- Preparation Strategy for various government exams conducted by the Central & State Governments
- Syllabus and Question Pattern for TNPSC AE Exams
- Process of Recruitment
- Tips to Score High Marks
- Books to be Referred
- Importance of taking Practice Tests

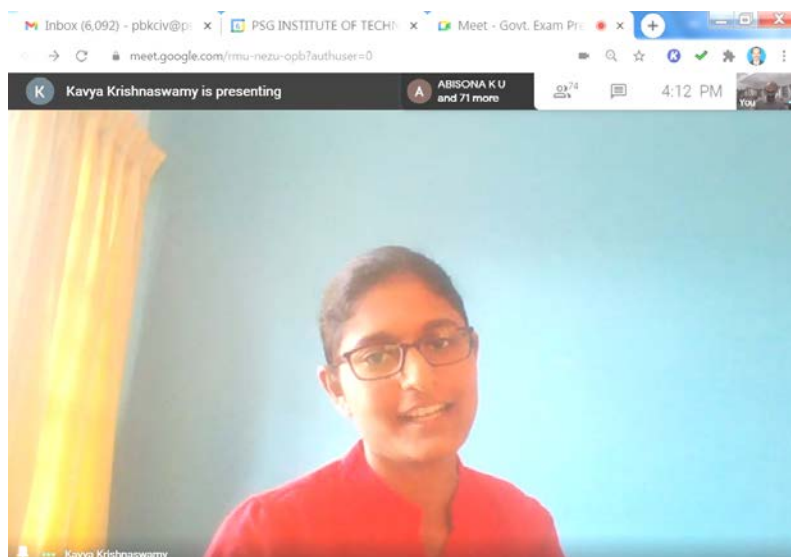
Ms Kavya also shared her experiences during the methods of preparation for interview. Later, students interacted with Ms Kavya and clarified their doubts. Finally, Mr. P Balakumar proposed the vote of thanks. Totally, seventy students participated and benefitted from the talk.

Details of Year-wise Student Participants:

II Year – 27

III Year – 30

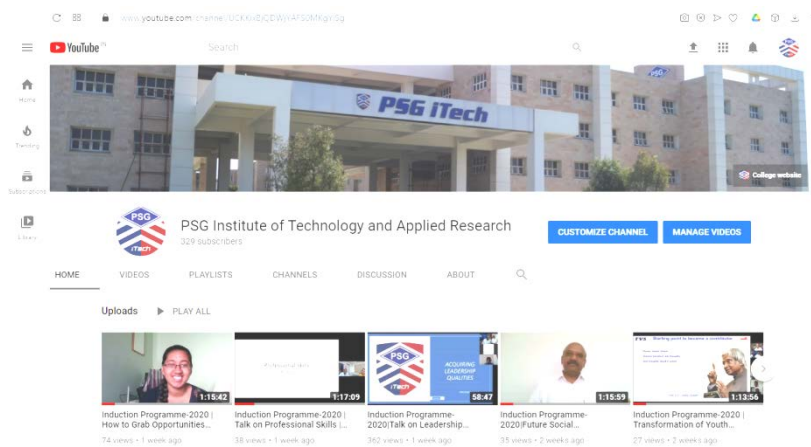
IV Year – 13



Ms Kavya K, Assistant Engineer, PWD, Coimbatore interacting with PSG iTech students on 06th December 2020

PSG iTech YouTube Channel

The YouTube channel of PSG iTech named “**PSG Institute of Technology and Applied Research**”, has been active over the past two months. The videos of programmes/events conducted at PSG iTech are uploaded in the channel for viewing by students and public. Currently, the channel has **25 videos** and **329 subscribers**. The video by Dr.G.Chandramohan, Vice Principal, PSG iTech titled “**CSE – 1st Year – Engineering Graphics – Lecture 1**”, has the highest number of views at 786. Steps have been taken to promote the channel among the faculty, students and general public to the number of subscribers.



increase of

PSG iTech YouTube Channel

Fit India Movement Cyclothon – 2020

The Department of Physical Education of PSG iTech organized **Fit India Movement Cyclothon** at Sports complex on 22nd December 2020 at 5.30 pm. Mr. A. Robinson, Director of Physical Education, PSG iTech, delivered the welcome address and Guest of honor Dr. S. Aramuthakannan, Associate Professor, Department of Mathematics, inaugurated the Fit India Movement Cyclothon. Around 20 members participated in this event. Around 10 children residing in the staff quarters participated enthusiastically in the Fit India Movement Cyclothon.



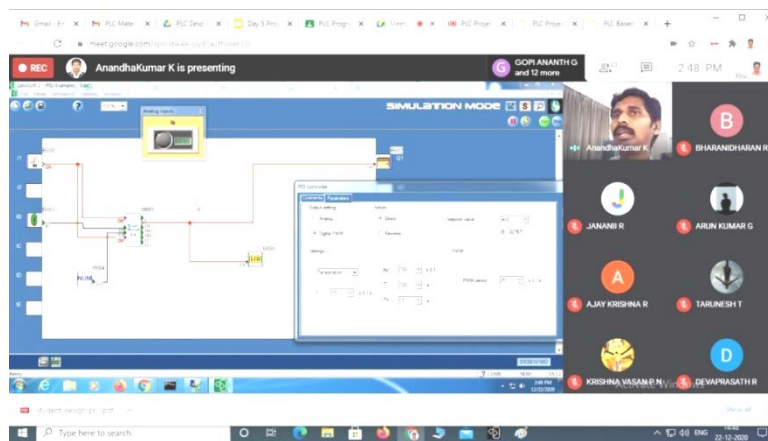
Dr. S. Aramuthakannan, Associate Professor, Dept. of Mathematics, and Guest of Honour inaugurated the Fit India Movement Cyclothon on 22nd December 2020.



PSG iTech Staff, Faculty members and Staff children have participated in the Fit India Movement Cyclothon on 22nd December 2020

Workshop on PLC Programming:

The Department of Electrical and Electronics Engineering, in association with ISTE – PSGiTech Student Chapter (TN366), organized a six-day online workshop on PLC Programming for third year students of Electrical and Electronics Engineering. The training program was conducted from 17th to 23rd December 2020, for twenty five students and four technical support staff. The simulation training was conducted in Google Meet platform using Zelio software from Schneider Electric. Participants were taught the basics of electrical control circuit using contactors and push buttons, and programming PLC using ladder logic diagram and functional block diagram, in addition to the fundamentals of automation, and developing control logic for different industrial scenarios using PLC.



Screenshot of Online PLC Training Session

The working of push buttons, other input devices, contactors, and starters was demonstrated and integrating all these devices, an automatic water level control system was also demonstrated. On the last day of the raining, students were grouped into three-member batches, projects were allocated and students successfully completed the simulation projects and presented their work. To encourage active

learning, assignments, quizzes in Kahoot and Google Forms were conducted at regular intervals.



Screenshot Kahoot Quiz Winners List

Inauguration of Civil Engineering Association 2020 - 2021

The Inaugural Ceremony of Civil Engineering Association was organized by the Dept. of Civil Engineering through online on 24th Dec 2020. **Dr.M.I.Abdul Aleem**, Professor and Head, Dept. of Civil Engineering, welcomed the gathering. Er.P.N.Ramesh Baabhu, TLR Associates, Dharmapuri served as the resource person and inaugurated the Civil Engineering Association. **Mr.P.Balakumar**, Asst. Professor (Sr.Gr), Dept. of Civil Engineering, introduced the new office bearers of Civil Engineering Association to the gathering. The list of planned activities for the current academic year were explained in detail by **Mr.G.Venkatesh**, Student of Final Year B.E. Civil, which includes: Student Pedagogical Programs, Software Training, Guest Lectures, Project Expo, Group Discussions, Alumni Talks. The events are planned meticulously with a vision to develop their technical and interpersonal skills. Then, **Ms. R.Suchitra**, Student of Third Year B.E. Civil Engineering, introduced the Chief Guest to the gathering and detailed about his achievements in the field of engineering.



Er.P.N.Ramesh Baabhu, TLR Associates, Dharmapuri inaugurating the Civil Engineering Association through online mode on 24th Dec 2020

Later, the resource person addressed the gathering about his views on the importance of attitude, values and conduct in professional context. He quoted that “Attitude decides the Altitude”. He discussed various opportunities in the field of civil engineering like registered engineer, panel engineer, and chartered engineer etc. He enlightened the students with his rich professional skills and knowledge, which helped the students in an extraordinary manner. His optimistic and bright outlook over the field gave confidence and enthusiasm for the students. Then, the meeting was opened for discussion for addressing the student’s doubts. Finally, **Mr.S.Pandiraj**, Student of Second Year B.E. Civil, proposed the vote of thanks. Around ninety participants attended the meeting.



Dr MI Abdul Aleem, HoD, Civil along with the faculty members attending the Inaugural Ceremony of Civil Engineering Association on 24th Dec 2020

Student Achievement

PSGiTech Student received “GREEN PIN Recognition 2020” from UNESCO

Mr. G. Yogabalaji, a pre-final year student from Civil Engineering Department, PSG Institute of Technology and Applied Research, Neelambur, Coimbatore received the prestigious student level “**GREEN PIN Recognition 2020**” from **UNESCO**. He participated in the International conference on “**Climate Reality Projects**” **conducted by UNESCO**. Earlier, he created awareness about the climatic changes to the school students in Coimbatore and Madurai. By observing his contributions, **Ministry of Human Resources Development, India** included him as a member in the “**Samadhan**” - a challenge to fight against Covid19 and future.

Mr.G.Yogabalaji was the only student representative from India and he delivered a lecture regarding the implications of Global Warming and Climatic Changes in the above conference. Notably, he was conferred the Green Pin Recognition 2020 for his commendable presentation in the above conference from the former Vice President of America Mr.AlGore.

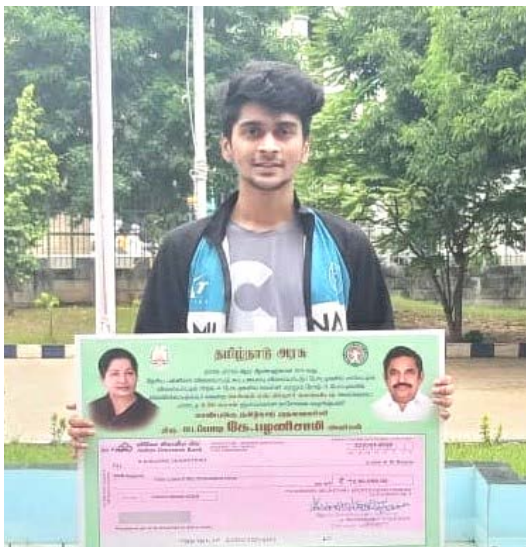


GREEN PIN Recognition 2020 awarded to Mr.G.Yogabalaji, III BE Civil Engg., PSG iTech



Mr.G.Yogabalaji creating awareness about the climatic changes to the school students in Madurai, as a part of his initiatives

Participation in National Level Event



Mr. Kishore Venkatesh, a student of Second Year B.E. CSE (PSG iTech), participated in the national-level events held on 28th Oct 2020 organized by the School Games Federation of India (SGFI) and secured the silver medal in Speed Skating Rink IV (500 Meters) and bronze medal in Road III (3000 Meters). As a token of appreciation, the sports development authority of India and the state government of Tamilnadu awarded a cheque of Rs.2,50,000. Chief Minister of Tamil Nadu Thiru Edappadi K Palaniswamy had given away the awards and cheque in the function held at the Secretariat.

PSG iTech Student Mr. Kishore Venkatesh is seen with the cheque awarded by the CM for his outstanding performance in the sports event organized by SGFI held on 28th Oct 2020

International Mars Hackathon 2020

Team Aurora of PSG iTech bagged the 6th Position along with Inferno DTU, Delhi Technical University, Delhi in the 48-hour International Mars Hackathon 2020 held during 3rd Oct 2020 and 1st Nov 2020. Knowledge and ideas on the Mars environment, Rover Design, Rover working etc. were tested intensely during the contest.

Around thirty-five teams across the world participated in the competition. Teams from Singapore, Turkey, Poland, Bangladesh, Sri Lanka and India participated in the competition. Prominent teams from India are IIT-Madras, VIT, SRM, BITS Pilani etc. The Mars Society South Asia (MSSA) organized the event.

The following is the list of top 15 achievers of the competition:

Rank	Team	University	Location
1	AGH Space systems	AGH University of Science & Technology	Poland
2	ITU Rover Team	Istanbul Technical University	Turkey
3	Mars Rover Manipal	Manipal Academy of Higher Education	Manipal, India
4	Taprobane 2.0	SEDS	Srilanka
5	Rudra SRM	SRM University	Chennai, India
6	Team Aurora	PSG Institute of Technology and Applied Research	Coimbatore, India
6	Inferno DTU	Delhi Technical University	Delhi, India
8	Team Rover X	VIT University	Vellore, India
8	DJI Antarkish	Sanghvi college of Engineering	Mumbai, India
8	Team Ekyam	Shiva Nadar University	Greater Noida, India
11	NUS SEDS	National University of Singapore	Singapore
12	Team Anveshak	IIT Madras	Chennai, India
13	Project Kratos	BITS Goa	Goa, India
14	Team ASEB	Amrita School of Engineering	Bangalore, India
15	Ares Robotics	Netaji Subhas University of Technology	Delhi, India



The Top 16 Teams as published by the Mars Society South Asia

Faculty Mentor: Mr NAGARJUN J, Dept. of Mech. Engineering.

Details of Teams of PSG iTech:

Subsystem	Name	Department	Year of Study	
Robotic Arm	Mr Sharukhan	Mech	3	
	Ms Hepzhibah		2	
Chassis & Materials	Mr Sekar		3	
	Mr Srinivasan		2	
	Ms Gayatri		2	
Suspension	Mr Mathivanan		3	
	Mr Ajith Prasad		2	
	Mr Nagendra Kumar		2	
Space Research	Mr Nitin		Mech	3
	Mr Hariharan		Civil	3
	Mr Aravind	Mech	2	
	Ms Mirudhabasini	Civil	3	
Motors, PCB Design, Motor Drivers, Actuators & Controls	Mr Kolappan	EEE	3	
	Mr Gopi Anand		3	
	Ms Kowsika		2	
ROS, Power Converters & BMS (Power Management)	Mr Kavikumaran		3	
	Mr Lingesh		3	
	Ms Sanjana Menon		2	
ROS & Gazebo	Mr Dharani Dharan		CSE	3
	Mr Abhisvyas			2
ML/DL Object Detection	Ms Sheeba			3
	Mr Bharath Kumar			3
	Ms Kareeshma	2		
Communication & Arm Control	Mr Karthikeyan	ECE		3
	Mr Sarvesh Vishwa			2
	Mr Prabhuram			2
Embedded	Ms Aarthi			3
	Ms Vedha		2	
Sensors	Ms Kavinaya		3	
	Ms Akshara		2	

Bicycle Design Challenge – 2020

Team Velocita Racing of PSG iTech bagged the first place with a cash prize of Rs.10,000 in the Bicycle Design Challenge (BCDC) – 2020 organized by SAE India Southern Section. Six girl students from second and third year B.E. Mechanical Engineering participated for the first time under the guidance of Mr. Senthilvel, Asst. Prof, Dept. of Mech and accomplished this feat.

Students from around 60 colleges across Tamilnadu, Kerala, Andhra Pradesh, and Mysore participated in teams of 7. The event began with workshops for the participants, where the rulebook was explained and guidelines were given. The objective, the general design requirements for the frame, brakes, transmission and suspension were elucidated. Four Design reports were asked to be submitted where each report had certain criteria and points pertaining to it. Finally, reports were evaluated and graded by the engineers of TI Cycles of India.



Students of B.E., Mechanical Engineering participated and won prizes in Bicycle Design Challenge – 2020

Faculty Achievement



Dr M Mohamed Iqbal, Associate Professor, Dept. of Electrical and Electronics Engineering, PSG Institute of Technology and Applied Research, Coimbatore has been nominated as one of the Members in the Editorial Board for the International Journal titled **Energy and Power Engineering**. EPE is a monthly journal, which publishes research and review articles in all important aspects of electric power engineering and other professionals involved in the electric power industry. **ISSN Print: 1949-243X; ISSN Online: 1947-3818**

Best Paper Award by PSG CARE

Ms G Vidya, AP (Sr.Gr.), Department of Computer Science and Engineering, attended a 6-month Faculty Induction Programme 2020 conducted by PSG CARE. PSG Institute of Management and PSG CARE organized an "International Conference



(Virtual/online) on "T - Shaping Higher Education", during Nov 21 - 22, 2020. Totally around 60 + papers were received and from that only 6 papers were selected for oral presentation. She received the Best Paper Award for the paper titled "A Study on the Comparison of Teaching-Learning and Performance Evaluation Methods Applied to Engineering Students".

Certificate given to Ms Vidya G, AP (Sr. Gr.), CSE at the "International Conference (Virtual/online) on "T - Shaping Higher Education", held on November 21 - 22, 2020

AICTE Sponsored One week Short Term Training Programme

Mr S Nanthakumar, Assistant Professor, Dept. of Mechanical Engineering, attended the AICTE-sponsored One week Short Term Training Programme on 'Multidisciplinary Competency Training for Mechanical Engineers' organized by Sri Krishna College of Engineering and Technology on 2.11.2020. Dr. P. Ashoka Varathanan, Professor and Head, Dept. of Mech, welcomed the gathering and gave an overview of the two day programme and stressed the importance of such programmes for the faculty members.



Certificate of Participation for attending One Week Short Term Training Programme conducted by Sri Krishna College of Engineering and Technology during 02 -07 Nov. 2020

Online FDP attended by faculty members:

The following faculty members attended the Online Faculty Development Programme (FDP) organized by ICT Academy:

S.No.	Name of the Faculty/Dept	Topic	Start Date	End Date	Duration	Time
1	Ms.R.Divya Asst. Professor / EEE	Emotional Intelligence (Online Live FDP)	13-10-2020	17-10-2020	10 Hours	2:00 - 4:00 PM
2	Mr.C.P.Shabariram Asst.Professor(Sr.Gr.)/CSE	Apex Programming Fundamentals (Online Live FDP)	19-10-2020	24-10-2020	12 Hours	2:00 - 4:00 PM
3	Dr.M.Arun Associate Professor / Civil	Leadership Skills (Online Live FDP)	20-10-2020	24-10-2020	10 Hours	2:00 - 4:00 PM
4	Ms.A.K.Kowsalyadevi Asst. Professor / ECE	Mobile Application Development (Online Live FDP)	26-10-2020	31-10-2020	12 Hours	2:00 - 4:00 PM
5	Mr.R.Avinash Kumar Asst. Professor / Mech	Central Air conditioning of a House using Revit (Online Live FDP)	27-10-2020	31-10-2020	10 Hours	2:00 - 4:00 PM
6	Ms D Pricilla Asst.Prof / Civil	Stress Management (Online Live FDP)	08-12-2020	12-12-2020	10 Hours	03:00 - 05:00 PM

UHV Programme attended by faculty members:

The following faculty members attended the Five Days Online Faculty Development Programme (FDP):

S.No.	Name of the Faculty	Topic	Venue	Date
1	Ms Saranyadevi, AP,Civil	Five days Online FDP on "Universal Human Values"	Online Mode-PSGiTech conducted by AICTE	19 th to 23 rd October 2020
2	Dr A C Sumathi AP(Sl.Gr)/CSE			
3	Ms R Divya AP,EEE			
4	Dr G Santhanamari Asso.Prof,ECE			
5	Dr K Sivanandadevi AP(Sl.Gr)/Mech			

Guest Lectures delivered by faculty members:

The faculty members delivered the lectures (Online mode) during the quarter period are as follows:

S. No.	Name of the Faculty	Dept.	Topic	In association with	Date
1	Dr Mohamed Iqbal M	EEE	Sixth Webinar in PSG - Binghamton International Research Series on the topic "Intelligent Techniques for Dynamic Analysis of Electrical Energy Systems"	PSG Tech	14.10.20
2	Dr.G.Chandramohan	Mech	"Mind Map-A Management Tool for Outcome based Education – series 1"	Saintgits College of Engineering.	16.11.20
3			"Mind Map-A Management Tool for Outcome based Education – series 2"		07.12.20

Books Published by faculty members:

The following faculty members published the books during the quarter period are as follows:

S. No.	Author	Title of the Book	Publisher	Price	ISBN No.
1	Mr C P Shabariram AP (Sr.Gr.) Dept. of CSE	Cloud Computing	Charulatha Publication, Chennai	Rs. 350/-	978-93- 89970- 30-2
2	Dr K Sivananda Devi AP (Sl.Gr.) Dept. of Mech. Engg.	Additive Manufacturing	Laxmi Publications, New Delhi	-	-
3	Dr G Rajeshkumar (Editor), Asso.Prof Dept. of Mech. Engg.	Materials, Design, and Manufacturing for Sustainable Environment	Springer	Rs 18,000/-	978-981- 15-9808-1

Book chapters Published by faculty members:

The following faculty members published the book chapters during the quarter period are as follows:

S. No.	Author	Topic	Book Title	Publisher	DOI
1	Dr Adhavan B Mr Sathiyathan M	Torque Ripple Reduction in DTC Induction Motor Drive	Direct Torque Control Strategies of Electrical Machine	IntechOpen	10.5772/intechopen.94225

S. No.	Author	Topic	Book Title	Publisher	DOI
2	Dr Mohamed Iqbal M	Simple Cycle Gas Turbine Dynamic Analysis Using Fuzzy Gain Scheduled PID Controller	Recent Trends in Image and Signal Processing in Computer Vision	Springer	10.1007/978-981-15-2740-1_6
3	Dr Rajesh Kumar G	Performance of Surface Modified Pineapple Leaf Fiber and Its Applications	Pineapple Leaf Fibers Processing, Properties and Applications	Springer	10.1007/978-15-1416-6_16
4	Dr Rajeshkumar G Dr Elangovan E Dr Rajkumar V	Phenolic Polymers Based Composite Materials	Natural Fibers Based Phenolic Hybrid Composites	Springer	-
5	Ms Hemkiran S	Intelligent Social Networking in Cyber Physical Systems	Smart Cyber physical Systems Advances, Challenges and Opportunities	Taylor & Francis Group	-

Details of PhD Viva-Voce Examination:

List of Ph.D Scholars who completed their degree under the guidance of PSG iTech faculty are as follows:

S.No.	Name of the Scholar	Research Supervisor	Viva Date	University Name
1.	Ms V Vishu	Dr R Manimegalai, Professor and Head, Department of Computer Science, PSGiTech	15.10. 2020	Bharathiar University
2.	Mr M Subramanian	Dr N Saravanakumar Professor and Head, Department of Mechanical Engg., PSGiTech	21.10.2020	Anna University
3.	Mr V Sureshkumar	Dr R Manimegalai, Professor and Head, Department of Computer Science, PSGiTech	22.10.2020	Anna University
4.	Mr M S Murali Dhar	Dr R Manimegalai, Professor and Head, Department of Computer Science, PSGiTech	24.12.2020	Anna University
5.	Mr Prabu L	Dr N Saravanakumar Professor and Head, Department of Mechanical Engg., PSGiTech	31.12.2020	Anna University

CCNA Program Organized:

S. No	Dept	Name of the faculty Co-ordinators	No. of Participants	Date	In Association with	Revenue earned
1	CSE	Dr AC Sumathi Mr S Thivaharan	3 rd year - CSE (48 students), ECE(14 Students) Total : 62 students PSG iTech for a duration of 60 hrs	10.10.2020 to 27.02.2021	CISCO Networking Academy under PSG Centre for Non-Formal and Continuing Education (PSGCNCE)	Rs. 1,55,000

Faculty selected for PhD Part Time:

The following candidates have been selected to register for PhD programme in Anna University under the guidance of Dr. V. Chitra, PSG iTech:

1. Mr. P. Gajendran AP/ Maths
PSGiTech, Coimbatore
2. Mr. T. Pradeepkumar AP / Maths
KGSLEngg. College, Coimbatore

Student Internship

S.No.	Internship coordinator	Industry	Department	No. of Students	Date
1	Dr Manimegalai Dr Ilango P Ms Vidya	Industry 4.0 and Industrial Internet of Things	2 nd CSE (Batch: 2019-23)	20	13.09.2020 to 09.12.2020 (50 hours)
2	Dr Jayasanthi M Ms Kowsalyadevi A K		2 nd ECE (Batch:2019-23)	24	
3	Mr Ravikrishna S		3 rd EEE (Batch:2018-22)	20	

IUCEE Poster Presentation Contest

The following students won 2nd Prize in the Poster Presentation Contest:

S.No.	Name of the student	Department
1	Aseel Ahmed A K	II Yr Mech
2	Kamalesh J	II Yr CSE
3	Manish R K	II Yr Civil
4	Rajagopal V S	II Yr Civil
5	Swetha S	II Yr EEE

IUCEE Artificial Intelligence Soft Skills Course attended by students

S.No.	Name	Register No.	e-mail ID	Department
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5	Arawind S	715519104007	19cs107@psgitech.ac.in	CSE
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8	Sandiya Shri E	715519104043	19cs142@psgitech.ac.in	
9	Akshatha Jacob	715519105003	19ee103@psgitech.ac.in	EEE
10	Amrutha V	715519105004	19ee104@psgitech.ac.in	
11	KeerthiAnandS R	715519105015	19ee115@psgitech.ac.in	
12	Sanjana Chelat Menon	715519105033	19ee132@psgitech.ac.in	
13	Harshini A	715519106015	19ec115@psgitech.ac.in	ECE
14	Sivaprasath M K	715519106048	19ec148@psgitech.ac.in	
15	Trinetra J	715519106055	19ec155@psgitech.ac.in	
16	Vignesh U K	715519106058	19ec158@psgitech.ac.in	
17	Aditya S	715519114004	19me104@psgitech.ac.in	Mechanical
18	Niranjan U K	715519114034	19me135@psgitech.ac.in	
19	Srinivas C.L	715519114047	19me149@psgitech.ac.in	
20	Retik S V	D20M602	d20m602@psgitech.ac.in	
Faculty members:				
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