

Quarterly Report (January–March 2021)

Events organized

Lecture on “Personal and Professional Ethics”

PSG iTech in association with the Institute of Engineers, India (IEI) iTech Students’ Chapter, the Institutions’ Innovation Council (IIC) and Wellness Center, organized a guest lecture on “Personal and Professional Ethics” for the students and members of faculty on 9th January 2021 in the college premises. Dr L.S. Ganesh, Professor (Retd.), Dept. of Management Studies, IIT (Madras) addressed the gathering on the philosophical and practical aspects of ethics in different contexts of life. Dr.G.Chandramohan, Vice-Principal, offered his felicitations and appealed the young students to adhere to ethics in both their academic and personal lives. Dr.R.Manimegalai, Professor and Head, Dept. of Computer Science Engineering, welcomed the gathering and introduced the chief guest to the audience.

In his thoughtful discourse, Dr Ganesh shed light on various aspects of consciousness, dialectical nature of universal eternal truth and worldly truth, and the struggle of an individual in upholding the values in different spheres of life like personal, professional and public. It was stated that an individual’s belief systems and understandings play a key role in conditioning the ethics. Also, participants were explained about the role of interpersonal skills like the non-verbal signals, diction and tone in shaping the ontological nature of truth. It was stressed that one has to engage in continuous struggle to uphold the values in life. In addition, he explained the nexus between the personal, interpersonal and systemic ethics and how they are to be driven by meaningful purpose. The speaker appealed the audience to understand the functioning of their mind and requested them to keep their minds under their control rather being influenced by external factors. Also, he explained the role of intention and knowledge in measuring the ethics and be mindful of the attitude that reflects in every action. During the session, he also emphasized on the pivotal role of education in instilling the values and ethics in young students. Finally, Dr.M.Devasena, Associate Professor, Dept. of Civil Engineering, proposed the vote of thanks. The session ended with high tea and group photo with the resource person.



Dr.G.Chandramohan, Vice-Principal, Heads of the Departments, and Members of Faculty along with the resource person Dr.L.S.Ganesh during the session on Personal and Professional Ethics held on 9th January 2021

Online Workshop on “Circuit Analysis using SPICE”

The Department of Electronics and Communication Engineering in association with the Indian Society for Technical Education (ISTE) organized a one-day online workshop on “Circuit Analysis using SPICE” on 12th January 2021 for the second year ECE students. Mr.T.R.Raghuram, Research Scholar, Electrical Engineering, IIT Palakkad was the chief guest of the workshop. Around 60 students and 3 faculty members participated in the workshop.

Key areas discussed:

- Introduction to circuit analysis
- Simulation of Ohm’s Law, Kirchhoff’s Law, Voltage division rule, Current division rule, Resistors in series and parallel
- Mesh current and Nodal voltage analysis with dependent and independent sources
- Simulation of Network Theorems like Thevenin, Norton, Superposition theorems
- Modeling System Dynamics using SPICE



Mr.T.R.Raghuram, Research Scholar, IIT Palakkad, simulating the RLC circuit using LTSPICE during the workshop held on 12th January 2021

Guest lecture on “PFMS EAT module – Need and Importance for Institutions”

A special guest lecture on “PFMS EAT module – Need and Importance for Institutions” was delivered by Mr. S. Francis, Senior Accountant Officer(Training and Capacity Building), Ministry of Finance, Government of India, PFMS, New Delhi at PSG iTech on 20th January 2021. The event was organized in association with the Institution of Engineers (India) – PSGI Students’ Chapter. Totally 40 faculty and staff members participated in the program. Dr. P Subbaraj, Professor and Dean (Research), PSG iTech welcomed the gathering, and Ms. R. Divya, Assistant Professor, Dept. of EEE, introduced the chief-guest to the audience.

Mr. S. Francis explained the importance of PFMS - Public Financial Management System. PFMS, a web-based application, is an online management information and decision support system for the planning the schemes organized by the Government of India.

With the help of this platform, it is easy to track and monitor fund disbursement and utilization in real-time basis. He also explained in detail about the modules developed by PFMS such as i) Fund Flow Monitoring, ii) Direct Benefit Transfer DBT modules iii) Interfaces for Banking. He also added that after the completion of registration process, the agencies can login into PFMS portal and can create Maker and Checker type users to use Expenditure-Advance-Transfer modules (EAT module) for transferring funds or advance to lower-level agencies and e-payments to vendors, employees and beneficiaries for financial MIS (Management Information System).

This platform was designed to build efficiency, effectiveness, accountability, and transparency in the Government system. He also explained the file transfer protocol such as SFTP (Secured File Transfer Protocol) relating with real-time examples. Ms. Archana D, Assistant Professor, Dept. of ECE proposed the vote of thanks. Dr M Mohammed Iqbal, Associate Professor, Dept. of EEE and Mr. M Jothibas, Asst. Prof (Sr.Gr), Dep. of ECE coordinated the event.



Mr. S Francis along with the faculty and staff members of PSG iTech during the guest lecture on “PFMS EAT module – Need and Importance for Institutions” held on 20th January 2021

Students’ Union Inauguration

PSG Institute of Technology and Applied Research (PSG iTech) inaugurated the Students’ Union and introduced the office bearers for the academic year 2020-2021 on 23rd January 2021 (Saturday). Mr.S.Saravana Prabhu, SQC Specialist, KLA-Tencor Software India Pvt. Ltd., Chennai inaugurated the Students’ Union and addressed the students and members of faculty on “Discover The New “You”. Dr.P.Vetrivelan, Associate Professor and Head, Dept. of ECE, delivered the welcome address.

Dr.P.V.Mohanram, Principal, delivered the presidential address. During the address, all the newly selected members of students’ union were congratulated and they were requested to organize skill- and knowledge-oriented activities for the larger benefit of the student community in the upcoming days.

In addition, students were appealed to understand and appreciate the rich cultural lineages of India and ancient knowledge systems of the country, which served as the backbone and even challenged the colonial masters like Thomas Babington Macaulay in dismantling the country. Also, the talk highlighted how spiritual and cultural heritage of the ancestral past made the country not only proud but withstand all the cultural degradations set by the external forces. Further, he requested the resource person to organize exclusive sessions on the subtle aspects of Art of Living in the future, to channel the young students' and their energy in the right direction. Later, Ms.R.Suchithra, Secretary of Students' Union (III B.E. Civil), introduced the chief guest to the audience.

Mr.S.Saravana Prabhu, the resource person, spoke about the importance of conditioning the interior self of an individual like mind, soul and body (material), and discussed some of the effective strategies to unify the internal faculties for a holistic living. Students were delineated about the seven levels of existence viz:

- Self
- Ego
- Memory
- Intellect
- Mind
- Breath
- Physical body

They were requested to keep all the listed above, in the best condition to excel in their personal, professional and social spheres of life. It was stated that life is not a smooth road as it is filled with ups and downs. Therefore, learners were requested to stay optimistic and approach life with confidence and hope. Further, they were demonstrated about the change of breath patterns in different states of mind like happiness, sadness, anger etc. and they were strongly advised to remain happy irrespective of situation. Also, they were told not to look for reasons for being happy. Finally, Dr.G.Chandramohan, Vice-Principal, succinctly recapitulated the significant points shared by the resource person and introduced the newly selected office bearers to the spectators. Ms.R.Suchithra, Secretary, Students Union proposed the vote of thanks.



Dr.P.V.Mohanram, Principal, Dr.G.Chandramohan, Vice-Principal, Senior Faculty Members, Members of Students' Union Advisory Committee, and newly selected office bearers for the academic year 2020-2021 are seen in the photo during the event organized on 23rd January 2021

Republic Day 2021

PSG Institute of Technology and Applied Research celebrated the 72nd Republic Day on 26th January 2021 in the college premises at 8.00 am. Shri.R.Mylsamy, Managing Director, MM Gears Private Ltd, Coimbatore, served as the Chief Guest and unfurled the National Flag. The event commenced with flag hoisting and National Anthem. Dr. P.V. Mohanram, Principal, delivered the welcome address and recalled the entrepreneurial spirit of the chief guest Shri.R.Mylsamy, who has given employment for hundreds of people in the city. Also, the speech foregrounded the ways and means to calm down the wavering mind through meditation and by uninvolved witnessing. Students were explained about the need for observing the inner consciousness and asked not to be carried away by momentary thoughts.

Shri.R.Mylsamy, in his speech, explained the unsurmountable sacrifices made by the freedom fighters and forefathers to set the country free. During his speech, the philanthropic gestures of P.S.G “Let there be charity, so that others can share my family’s prosperity” was highlighted and audience were requested to share their knowledge and resources with fellow human beings to seek happiness. He appealed the students to utilize the resources available in the college and equip themselves to reach great heights in life. In addition, they were asked to develop competencies that are required to compete with global competitors and explore global opportunities. Also, young students were urged to practice meditation and yoga to strengthen their mind and body. Students were requested to understand their larger roles and responsibilities in the society and work for the upliftment. Struggles encountered by parents in their old age, especially how they remain unattended, were highlighted to make young students understand the predominant social challenge. In addition, the impactful social life led by Mr.P.Subramanian, Founder, Shanthi Social Services, who rendered yeoman service to the society, was recalled and students were asked to commit themselves in social service. Finally, the speaker requested the younger generation to plant saplings, which will be of great help for the future generation.

Finally, Dr.G.Chandramohan, Vice-Principal, recalled some of the significant points shared by the chief guest and proposed the vote of thanks. Later, saplings were planted by the Chief Guest, Principal, Vice-Principal, Members of Faculty and Students.



Dr.P.V.Mohanram, Principal, Dr.G.Chandramohan, Vice-Principal, Dr.P.Subbaraj, Dean-Research, honoring the Chief Guest Shri.R.Mylsamy during the Republic Day Celebrations 2021 with a memento

Workshop on “Introduction to LabVIEW and Sensor Interfacing”

The Department of Electronics and Communication Engineering in association with The Institution of Engineers (India) PSGI Students’ Chapter conducted a two-day online workshop on “Introduction to LabVIEW and Sensor Interfacing” during 27th-29th January, 2021. The importance of graphical programming in contrast to textual programming was highlighted in addition to a bird’s eye view of prototype development using LabVIEW. Around 30 students from II and III year ECE got benefitted from this workshop.



Mr Vishweshwaran, National Instruments presenting the session on “Preparing students for 21st century System design challenges using NI” on 27th Jan 2021

The following topics on sensors were covered as part of the workshop and students were able to get hands-on experience using their community edition:

- Introduction to LabVIEW Graphical Programming Environment
- Loops, structures in SubVI in LabVIEW
- 21st century System design challenges using NI
- Graphs, Charts and Waveforms in LabVIEW
- Signal Processing using LabVIEW
- Sensor Interfacing using LabVIEW
 - DIP Switches and Seven Segment LED to display the desired alpha numeric character based on the position of DIP switches
 - Infrared Sensor for range measurement
 - DC Motor with Buzzer and LED
 - LCD Display interfacing using I²C logic

Webinar on “Recent Trends in Electric Vehicles”

A webinar on “Recent trends in Electric Vehicles” was organized by the Institution of Engineers (India) Coimbatore Local Centre in association with the Department of Electrical and Electronics Engineering on 03rd February 2021 at Online Platform Google Meet. Dr P R Natarajan, Chairman, IE(I), Coimbatore Local Centre and Council member, IE(I), Kolkata welcomed gathering.

Dr M Mohammed Iqbal, Associate Professor, Department of Electrical and Electronics Engineering, PSG Institute of Technology and Applied Research, Coimbatore presided over the meeting. Ms. R Divya, Assistant Professor, Department of Electrical and Electronics Engineering, PSG Institute of Technology and Applied Research, Coimbatore introduced the Chief Guest to the members.

Mr S Karthik, Chief Engineer – Technology, Ampere Vehicles Private Limited, Coimbatore, served as a chief guest and delivered a lecture on “Recent Trends in Electric Vehicles”. He explained the construction and working of brushed DC motor and brushless DC motor and its control. Further, he shared that zero-emission vehicle deployment, fuel economy and emissions standards, increase in public charger availability and capacity, electrification will spread into the heavier vehicle segments.

The members found the talk interesting and informative. Finally, by Dr H Rammohan, Honorary Secretary, IE(I), Coimbatore Local Centre proposed the vote of thanks.



Online Webinar on “Recent Trends in Electric Vehicles” was held on 03rd February 2021

Event by Cooking Club (Pushti:)

Cooking is an inevitable life skill and the management of PSG institutions supports the faculty of PSG iTech in organizing activities to promote and develop the same through the cooking club Pushti:. One such interesting event was conducted on 6th February 2021 called “AnyBody can Cook”, for all the first year students. Around 120 students joined the session via Zoom.

Dr. S. Aramuthakannan, Asso Prof, Department of Mathematics, Dr. K. Pramila, Prof & Head, Department of English, and Dr. G. Latha, Asso Prof & HoD i/c, Department of Chemistry began the session with a note on the importance of healthy eating and cooking irrespective of gender and age.

A step by step live demonstration of cooking “Kadai Veg Gravy” was made by a team of faculty and staff members from department of ECE along with Pushti: club co-ordinator Dr.G.Santhanamari, Associate Professor, Department of ECE. Around 10 students performed the same from their homes and 4 students 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.



Team of faculty members before the Online live cooking demo



Dish prepared by Mr Harshavarthan P K, I year CSE

Lecture on “Dealing with Stress on Current Times”

PSG Institute of Technology and Applied Research, in collaboration with Women Empowerment Cell, Society of Automotive Engineers (SAE), Wellness Centre and Harmony Club organized a webinar on “Dealing with Stress on Current Times” on 13th February 2021. Dr M. Roopa Rani, Faculty, Department of Mechanical Engineering, PSG College of Technology, addressed the Students and Members of Faculty. Dr P V Mohanram, Principal, welcomed the gathering. The Standard Human Problem and Solution (as listed in Drg - DrishyaViveka:) was briefly presented by Principal in the introductory session. He also connected the above approach with the vision of Women Empowerment Cell, where the women will turn out to be confident leaders with the highest competence and capable of serving the world with reverence to environment.

Truth of Being (Understanding of the Reality)	World (a common man’s paradigm)		
<p>Key aspects: (generally overlooked by a common man—to be emphasized for the transformation)</p> <p>1. Undivided Existence 2. Universal Knowingness 3. Ever Contented (No sense of lack)</p>	<p>Key aspects generally emphasized are:</p> <table border="0"> <tr> <td> <p>1. Forms (Limited)</p> <ul style="list-style-type: none"> • Separate, independently existing objects – a belief • Life principle is as though enclosed in the form </td><td> <p>2. Names (Mind formulates through dualistic language for the purpose of functional representation)</p> </td></tr> </table>	<p>1. Forms (Limited)</p> <ul style="list-style-type: none"> • Separate, independently existing objects – a belief • Life principle is as though enclosed in the form 	<p>2. Names (Mind formulates through dualistic language for the purpose of functional representation)</p>
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Typical qualities of truth and its expressions in the world	Typical aspects of human suffering
Peace	Psychological suffering is there incessantly
Harmony	Full of conflicts among persons
Fulfilled, contented	Constantly wanting objects/ situations to be different due to discontent
Welcoming – saying “YES” moment to moment	Resisting what is unfolding from time to time
Fulfilled with all forms of expression	Overwhelmed by fear, uncertainty, insecurity
Unconditional love, respect, mercy, forgiveness for all forms of expression of life	Attachment, aversion, judging self/ others, hatred, insisting, disrespect to others
Unchanging	Constantly changing in nature

Solution to the above Standard Human Problem		
Merge in Totality (Goal)	Glorification of divinity in all forms of existence, through interactions - Bhakti Yoga	Let go, surrender the above attachment (to possessions, relations and situations), and aversions to names and forms (gross and subtle) through a calm mind and meditation
	Offering all actions to the divinity without expectations - Karma Yoga	
	Understanding and abiding as the REALTY - Jnana Yoga	

Dr Roopa Rani, the resource person, commenced her speech by highlighting two major factors that cause stress: expectation in situations and multi-tasking.

There is a **constant chatter happening in mind due to our resistance to what is unfolding**.

She pointed that 80 % people feel stressed due to three reasons, besides digital technology:

- **Work pressure**
- **Peer pressure**
- **Relationship issues**

The outcomes of such pressure result in serious **mental agony like anxiety and depression**; there is a **decrease in focus, concentration and it culminates in irritation and shouting at others**. Besides, it causes physical issues like **stomach ulcer, cardiac issues, blood pressure, digestive problems, weight gain, and pain in joints** and so on. Therefore, she urged the participants to check whether the cause of stress is under one's control. What causes stress?

- **My attitude i.e. my state of being**
- **My relationship with family and mutual expectations**
- **My equation with friends and colleagues**

- **The environment (uncertainty, future)**
- **Genetic make-up.**

In any situation try to study:

- **What can be changed? If ‘yes’-give a try**
- **If ‘no’- let there be reverential acceptance of the situation and gently flow with it.**
- **Resistance goes away**
- **It brings ease to the journey of life**

It may be noted that trees, animals and other forms of nature do not experience stress. Also, the speaker shared some useful techniques to stay away from stress.

They are as follows:

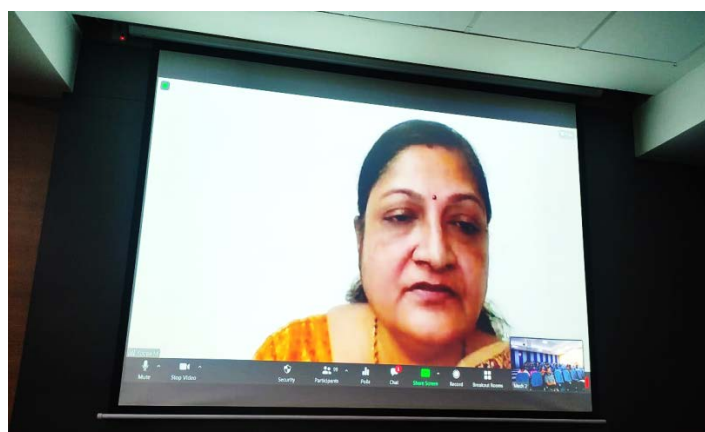
- **Prioritize Important Things – To Do Task List**
- **Plan the activities to be done for the next day**
- **Task Management – Most Important, Most Urgent**
- **Give least priority to Social Media**
- **Allocate extra time for activities that really deserve**
- **Set long-term goals for professional developments such as publishing research papers, writing research proposals, books, promotion etc.**
- **Set short-term goals for developing communication skills, learning new languages, interpersonal skills, sports, spiritual, health care, new game, song etc.**
- **Develop emotional well-being by spending quality time with family and friends**
- **Learn to express yourself in a polite manner to your mentors; it increases confidence**
- **Cultivate cordial relationship with everyone, particularly with the junior subordinates**
- **Show real concern for others with an intension to solve their issues, moment to moment**
- **Listen and respect others’ point of view (Listen and consider)**
- **Have the patience to understand, and, adjust to different situations as you grow in the profession**
- **Reserve some time for yourself: “Me Time” for self-analysis and reflections**
- **Am I making others happy? – A fundamental question, which each one of us have to ask oneself frequently**

Besides sharing these tips, participants were requested to understand PDCA Cycle: **P-Plan, D-Do, C-Check, and A-Analyse**. The speaker urged the young student participants to inculcate healthy habits viz:

- **Discover the stress-free zone in your SELF**
- **Accept and face new challenges; welcome challenges;**
- **Do things that you like, and stay energetic throughout the day**

- Practice positive affirmations like “I will make it” and “Everything is for my good”; keep repeating
- Be with nature, take a walk around, and connect with nature
- Be grateful to everyone and everything that you possess, even in little things and activities
- Why get caught in negative spiral of energy through ‘complaining’?
- Shift the focus from “Me” to “You”
- Reach out to the needy e.g., spending time with students, Manavar Illam
- Be in the present; connect with the source - “Being”
- Practise “self-enquiry” to understand the root cause of psychological problems

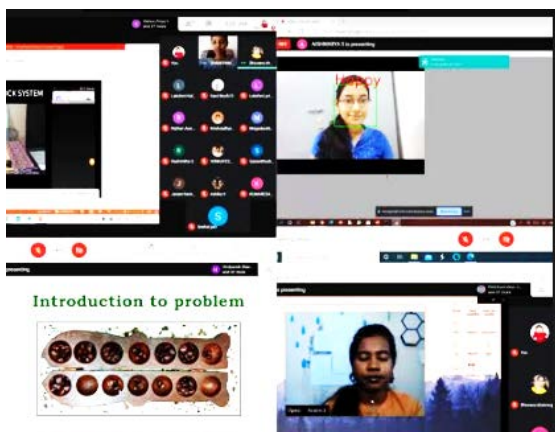
She also gave a **five-minute guided practice session on breath watching meditation to all participants**. The session came to an end with vote of thanks by students of first year and a group photo with the members of Women Empowerment Cell and students of the first year.



Dr M. Roopa Rani addressed the Students and Members of Faculty on Dealing with Stress on Current Times on 13th February 2021

Online Project Exhibition

The Department of Computer Science and Engineering, PSG Institute of Technology and Applied Research conducted Project Expo 2021 in association with Institution of Engineers (India) on 20th Feb 2021. Best projects done by 2018-22 and 2019-23 batches of students were demonstrated to the first year CSE students. Students have developed their projects in various domains such as Internet of Things (IoT), Data Structures, Deep Learning and Image Processing. They demonstrated the working of the model with code. Ms. Shanthi and Team from III CSE presented and published their project on “Smart Door Locking System Using IoT” in IEEE Conference. Mr. Harikrishna and Team demonstrated the Mancala using circular linked list and got selected in the National-level Toycathon-2021 competition.

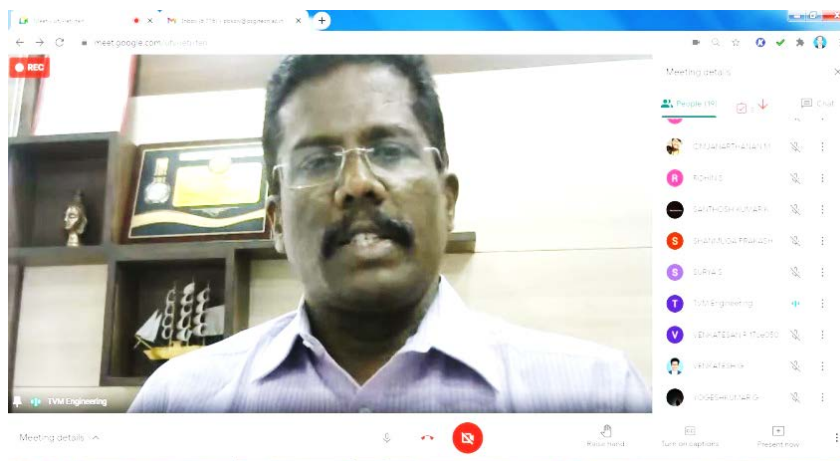


Project Expo 2021

Mind Tree Implementation using C was explained by Mr Kirubanand from II CSE. Image Processing applications such as Facial Expression detection and Driver drowsiness detection systems were nicely demonstrated by Ms Aiswarya & Team, Ms Ganga Devi & Team respectively. All the students benefited by attending Online Project Exhibition and gained overall idea about the importance of doing projects.

Guest Lecture on “Start the Career in a Smart Way”

The Department of Civil Engineering, in association with ISTE Students Chapter (TN-366), organized a guest lecture on “Start the Career in a Smart Way” on 23rd February 2021. Dr. M.I.Abdul Aleem, Professor and Head, Dept. of Civil Engineering, welcomed the gathering. Er. T. Vanchimuthu, Proprietor, TVM Engineering Construction, Coimbatore delivered the Keynote address and motivated the Final Year Civil Engineering students. Mr. P.Balakumar, Assistant Professor, Dept. of Civil Engineering, proposed the vote of thanks. The programme was conducted virtually and around 25 students attended the guest lecture.



Er. T.Vanchimuthu delivering the keynote address on 23rd February 2021

Installation Ceremony of the New Principal Dr.G.Chandramohan

Professor Dr. G Chandramohan has been designated as the new Principal of PSG Institute of Technology and Applied Research (PSG iTech), Coimbatore from 24th February 2021 (Wednesday). Dr. G. Chandramohan has around 38 years of teaching, industry and research experience. He has served at PSG College of Technology in various capacities as Lecturer, Professor, Deputy Controller, Controller of Examinations, Dean - Student affairs and Head of Automobile engineering department. He has served as the Vice Principal of PSG iTech for the past 6.5 years.

During the Installation ceremony, Dr.P.V.Mohanram, Founder Principal, delivered the welcome address and fondly reminisced his professional associations with his mentors Dr.P.Radhakrishnan, Director, PSG Institute of Advanced Studies (PSG IAS), Dr.R.Rudramoorthy, Director, PSG Centre of Academic Research and Excellence (PSG CARE) and many other senior professors at PSG College of Technology during the bygone days as a young professor. Also, he underscored the noble qualities of Dr. R. Rudramoorthy as a teacher and the way he encouraged every faculty to experiment, to learn and to teach. In his welcome speech, he also appreciated Dr.B.Ramamoorthy, Academic Adviser, PSG Institutions, for all the efforts and guidance that he has been offering all these years for taking this institution to great heights. Also, he recalled the instrumental role played by Dr.B.Ramamoorthy in establishing the PASCO Lab and Polymer Lab for research purposes. Some of his notable qualities like honesty, integrity, and devotion to duty were also highlighted in his speech. Also, he thanked Dr.S.Jayakumar, Professor and Head, Dept. of Science and Humanities, for being a pillar of strength in building this college from the inception and Dr. P. Subbaraj, Dean (Research - Electrical Sciences), for his steadfast commitment in teaching and promoting research culture among the faculty and students.

Speaking on the auspicious occasion, Dr.P.V.Mohanram congratulated Dr.G.Chandramohan, for being promoted as the succeeding Principal of this prestigious institution and praised him for his sincerity, dedication and devotion to duty. He stated that Dr.G.Chandramohan as a man of discipline, integrity, and lifelong learner. Finally, he thanked the management, heads of the departments, members of faculty, staff, and students for their love and support.

Dr.P.Radhakrishnan requested everyone to give standing ovation to Dr.P.V.Mohanram for his selfless service to the college and requested the members of faculty to collaborate with professors and researchers at IITs and NITs for doing meaningful research and getting research grants.

Dr.R.Rudramoorthy, Director, PSG CARE, recalled the time that he spent with Dr.P.V.Mohanram and Dr.G.Chandramohan at PSG College of Technology. Especially, he appreciated the efforts taken by the management in procuring land for expanding the institution to accommodate all the facilities required to promote this institution to international level. Also, he requested the faculty to invest their full efforts in their academic, administrative, and research works. He lauded the commendable works done by Dr.P.V.Mohanram and requested the faculty to focus on research and add value to the institution.

Dr.B.Ramamoorthy, in his address, shared the remarkable moments he had with Dr.G.Chandramohan during his school and collegiate days and recommended the young teachers to consider the two principals as role models for teaching and learning.

Dr.S.Jeyakumar, Professor and Head, Dept. of Science and Humanities, praised Dr.P.V.Mohanram for his hard work and his commitment. He also congratulated the Dr.G.Chandramohan and wished him all success. Dr.P.Subbaraj, Dean (Research-Electrical Sciences), lauded the achievements of Dr.P.V.Mohanram by citing a couplet from *Thirukkural*.

Finally, Dr.G.Chandramohan, Principal, commenced his acceptance speech with a note of thanks to everyone and spoke about the greatness of the brand PSG and family culture, which is missing even in great institutions.

Also, he outlined his vision for PSG iTech in nutshell and requested each faculty member to publish at least one paper in reputed journal per year, work for 100% results and placement, and complete at least one online course every year. He requested the HoDs to get two research proposals sanctioned per dept. every year. Later, he was escorted to the Principal Office.



Dr.G.Chandramohan receiving the order of appointment as the Principal, PSG iTech from Shri L Gopalakrishnan, Managing Trustee, PSG & Sons' Charities on 24.02.2021

National Science Day Celebrations

The Science and Humanities Association and Astronomy club, along with ISTE students' chapter (PSGiTech), celebrated the National Science Day with "Exploring our Universe" as a theme on 24th February 2021. Dr.Devika Kamat, Astrophysicist and Senior Lecturer in Astronomy, Macquarie University, Australia participated as the Chief Guest. Around 150 participants attended the online event. Dr.G.Chandramohan, Principal, welcomed the participants. Further, Dr. P. V. Mohanram, Secretary, PSGiTech, delivered a special address. Dr.Devika, in her talk, compared the human body with that of the universe and visually took the audience through the Milky Way galaxy.

She highlighted the methods of exploring the stars along with the elements and their importance. She briefed about the multi-wavelength of the Milky Way. The astronomical telescope and its variants based on the advantages and limitation to study the stars were explained in detail by Dr. Devika Kamat. After the presentation, students interacted with the resource person.



Dr.Devika Kamat, Astrophysicist and Senior Lecturer in Astronomy, Macquarie University, Australia is delivering a special lecture on “Exploring Our Universe” on 24th February 2021.

Guest Lecture on “Restoration of Lakes”

The Department of Civil Engineering, in association with ISTE Students Chapter (TN-366), organized a guest lecture on “Restoration of Lakes” on 27th February 2021. Ms. V. Elakya, Secretary, Civil Engineering Association, welcomed the gathering. Dr. R. Ilangovan, Rtd. Chief Engineer, PWD, delivered the Keynote Address and spoke about the importance of restoring lakes and lake water. Ms. R. Suchitra, Joint Secretary, Civil Engineering Association, proposed the vote of thanks.



Dignitaries on the Dais during the guest lecture on 27th February 2021

Association Inauguration and release of Department Magazine

The Dept. of CSE inaugurated the Computer Science Engineering (CSE) Association for the academic year 2020-2021 on 27th Feb 2021 at PSG iTech. Dr G Chandramohan, Principal, welcomed the gathering. Dr P V Mohanram, Secretary, presided over the function and offered some useful tips to improve the course delivery. Prof C Pandu Rangan, Professor, IIT Madras was the Chief Guest. Dr R Manimegalai, Professor and Head, Department of CSE, introduced the chief guest to the audience. Prof C Pandu Rangan inaugurated the association and released the department magazine, “BITS & BYTES”. Dr.A.C.Sumathi, Faculty in-charge of CSE Association introduced the office bearers of the association. Dr B Ramamoorthy, Advisor (Academic), PSG Institutions, felicitated the chief guest by recalling their associations at IIT Madras and stressed that both faculty members and students need to make sure that classes are interactive.



CSE Association Office Bearers at the Inaugural Function on 27th Feb 2021

CSE Association Office Bearers:	
President	P.E Aravindhan – IV BE CSE
Secretary	Sreenithi N- III BE CSE
Joint secretary	Anjhanaa A K – III BE CSE
Treasurer	Harikrishna M – III BE CSE
Public Relation Officer	Ashwin Balaji S – III BE CSE
Executive Members	1. Tharun S -II BE CSE 2. Rawat Batul -II BE CSE 3. Susmeta - II BE CSE4. Premkumar I M- II BE CSE

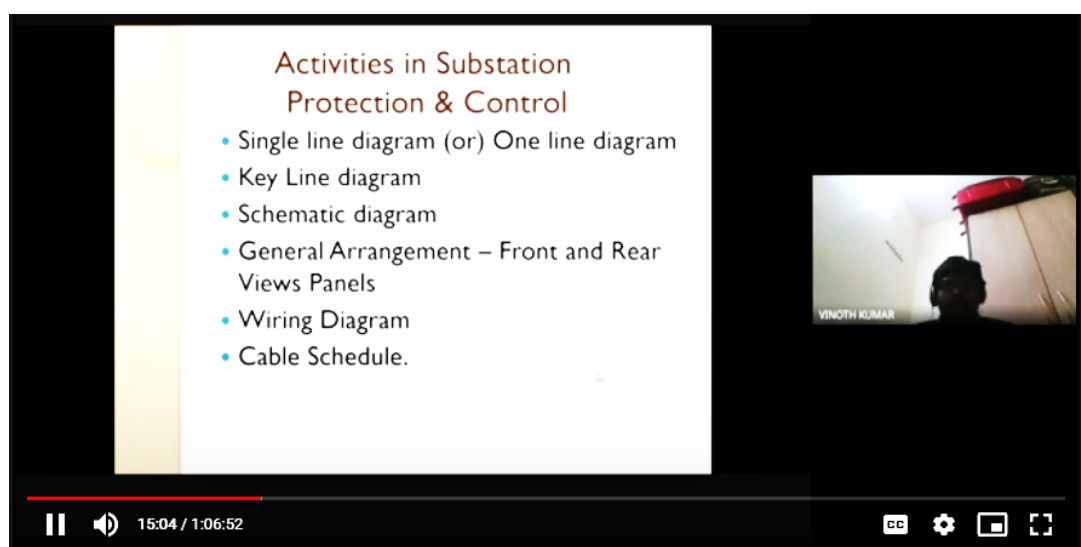
Prof C Pandu Rangan, delivered the inaugural address on “Joy of Algorithms: MORE for LESS”. He started with Divide and Conquer approach and explained how to tweak and refine the divide using conquer approach by calculating additional information. He also illustrated solving the subarray-sum-problem using the enhanced divide and conquer approach to reduce the time complexity from $O(n^2)$ to $O(n)$. Prof Pandu Rangan urged the students to think and look for possible alternative solutions. The session was very interactive and informative.

Webinar on Emerging Trends in Electrical Substation Design

The Department of EEE, in association with the IEEE Students' Branch (PSG iTech) jointly organized a one-day webinar on "Emerging Trends in Electrical Substation Design", on 6th March 2021. Mr. S. Vinoth Kumar, Electrical P & C Engineer, Balfour Beatty, Bengaluru was the chief guest. He spoke about the emerging trends in electrical substation design and various substation types such as air insulated & gas insulated substations.

He also gave an overview on substation equipment, circuit breaker, one and half breaker scheme, breaker failure, current transformer, potential transformer, bus-bars, autotransformers, metrosil relay, and relay panels. He also explained the development of one line diagram, key line diagram, schematic diagram, wiring diagram and cable scheduling of substation.

Finally, the speaker discussed the career opportunities, challenging issues and potential research areas in electrical substation design, available for young engineers.



Mr. S. Vinoth Kumar, Electrical P & C Engineer, Balfour Beatty, Bengaluru, delivering the webinar on "Emerging Trends in Electrical Substation Design"

International Women's Day Celebrations

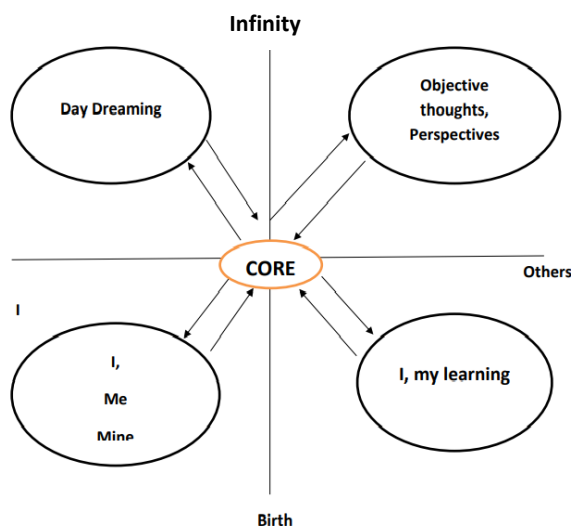
PSG Institute of Technology and Applied Research in association with the Women Empowerment Cell (WEC), Drawing and Cooking club, organized a special lecture on the occasion of International Women's Day on "Leveraging the Existing Support System at Workplace and Home to Achieve our Goals and Ambitions" on 8th March 2021. Dr.R.Manimegalai, Professor and Head, Dept. of CSE and Chairperson of the Women Empowerment Cell, welcomed the gathering.

Dr.G.Chandramohan, Principal, delivered the presidential address and stated with pride that a girl has been nominated as the Chairperson of the student union for the first time in PSG iTech. While felicitating the speaker, Dr.G.Chandramohan lauded the intellectual pursuits and yeoman services being rendered by Smt Sashi Chandran through counseling and training sessions in various areas for the different sections of people in the society.

Also, the commendable activities carried out by the women empowerment cell was appreciated and they were encouraged to do more activities in the future. Also, Dr.G.Chandramohan explained about the importance of the lecture titled “Leveraging the Existing Support System at Workplace and Home to achieve our Goals and Ambitions”. He highlighted the crucial role played by women at home and office. Later, Dr.C.V.Pavithra, Member, WEC, introduced the chief guest to the audience.

Smt. Sashi Chandran, in her insightful presentation, expressed her happiness and pride in revisiting the prestigious PSG Institutions and appreciated the aesthetics of the campus. She spoke about the significant challenges faced by women in society through case studies and personal observations. While offering some constructive solutions to overcome the challenges faced by women, she pointed out how we miss to appreciate ourselves as a constructive resource in a given situation. She motivated the young participants to be joyous in their lives and find meaning in their living.

Smt. Sashi Chandran, Founder and CEO, Nitya Gurukula, Coimbatore addressed the participants on various challenges encountered by women in personal and professional life and discussed some of the effective strategies to handle difficult situations through case studies and personal experiences. Further, she explained the Cartesian coordinate system identified by her spiritual mentor Nataraja Guru, the disciple of Narayana Guru. She succinctly described consciousness using the four quadrants proposed by him: I, Others, Birth, and Infinity coupled with some of the psychological and behavioral attributes required for holistic living.



Quadrant I – Self-centered Individual Being

Quadrant II – Learning Individual

Quadrant III – Adolescent Age

Quadrant IV – Professional Being

She stated that goal in life is to go to the core of one’s being (center) through awareness and express oneself through all the four quadrants in life and briefed about the components of holistic model of human being:

1. Physical/Biological-body

2. Psychological-emotions

- 3. Cognitive Beliefs- thoughts, memory, knowledge**
- 4. Behavioral – body language, posture, gesture**
- 5. Social Communication- interactions**
- 6. Spiritual- energy, power**

It was stated that the ultimate reasons for internal blocks in our life are due to lack of mutual trust and fear.

She also encouraged the participants to consider themselves as resources rather than seeking help from others during tough times and stressed the role of psychodrama with a real life example. She urged the participants to seriously practice the following points:

- **Consider oneself as a resource**
- **Learn to sit straight**
- **Sit tall and walk tall**
- **Use the voice powerfully to blossom the inner energy**
- **Listen to criticisms carefully and learn to deal with them objectively**
- **Question the validity of comments about self by others; may be they are the standpoints of others**

The speaker pointed out the steps to be followed to become an effective person in handling different situations of life. They are as follows:

- **Feel the bodily sensations and emotions**
- **Understand the process of meaning making in life**
- **Perceive the expressions of life through behaviors**
- **Learn to express your thoughts clearly without any hesitation**
- **Understand the importance of flow in life – pause – moving**

In addition, she elaborated on the **eight Pillars of Joy** proposed by His Holiness the Dalai Lama, the spiritual leader, for leading a happy and peaceful life:

- **Accept the person but not necessarily his/her behavior**
- **Have compassion and consideration for all beings**
- **Deepen your perspective beyond forms**
- **Forgive people by appreciating their helplessness & intentions**
- **Show generosity to every being**
- **Express gratitude in every possible way to all forms of nature**
- **Develop a sense of humor, by being in the present**
- **Learn humility beyond academic degrees, economic status and ever willing to learn**
- **Submit yourself to new knowledge and wisdom etc.**

Dr.P.V.Mohanram, Former Principal, in his address, recapitulated the key points shared during the session. Also, he emotionally recalled the sacrifices made by women and their selfless contributions. While speaking about the importance of mentors in life, he shared how lectures shaped his life and helped him establish rapport with great teachers.

Also, he encouraged students to develop questioning spirit. Later, he congratulated the efforts taken by the women empowerment cell in organizing various programmes and urged them to develop a joyful ecosystem inside the campus.

Ms.N.Nikketh Nazrin and Ms.Sudha demonstrated three NG Tai Chi exercises for enhancing the mind, body and spirit. Prizes were distributed to the winners of various events like cooking, drawing and painting organized in connection with women's day celebration and students delivered brilliant speeches, recited poems and soulful songs praising womanhood. Dr.M.Devasena, Associate Professor, Dept. of Civil, and Co-Chairperson of WEC, proposed the vote of thanks.



From the left: Dr.R.Manimegalai, Prof. and Head, Dept. of CSE and Chairperson of Women Empowerment Cell, Dr.G.Chandramohan, Principal, and Chief Guest Smt. Sashi Chandran, Founder and CEO, Nitya Gurukula, Coimbatore are in the photo during the International Women's Day celebrations held on 8.3.2021

Python Mini Project and Poster Presentation-First Year ECE-2020 Batch

The Department of Electronics and Communication Engineering, in association with Institution of Electronics and Telecommunication Engineering Students' Chapter, organized a Python Mini Project and Poster Presentation contest on 10th March, 2021. Around 37 first year ECE students were teamed into 19 batches. They participated enthusiastically and presented their project work at the NI lab. Two alumnus from industry joined virtually and three faculty from the CSE department joined in-person as panel members and evaluated all the projects and gave their comments and valuable suggestions.

- Mr. Nishanth S, UEFI Developer, Microsoft India (R&D) Pvt. (2015 Batch Alumnus)
- Ms. Preetha Selvakumar, Application Developer, Oracle (2015 Batch Alumnus)
- Dr. Mahavishnu, AP (S. Gr.), CSE Dept.
- Ms. Lakshmi Kalpana Roy, AP (Senior Grade) CSE Dept.
- Mr. N. Aravindraj, AP-CSE Dept.

The Prize winners were rewarded with gifts like books, multi-meter and soldering kit. Principal Dr. G. Chandramohan, Dr. P. Subbaraj, Dean (Research - Electrical Sciences) and Dr.P Vetrivelan, HoD in-charge, Dept. of ECE graced the occasion and distributed the prizes.

Later, the participants shared their feedback. Mr.Hari Krishna, a first year student, mentioned that he was able to learn new python modules beyond the topics in the curriculum. Mr Girish Laxan stated that it was an exciting experience to explain their work to peers, seniors and faculty and that helped them gain more insights into what can be made better and the scope of the project work. Ms Amritha thanked the faculty for organizing such an event.

1 st Place	
Hari Krishna R Sailesh K	Project Title : Python Project On Voice Assistant
2 nd Place	
Amrithaa P Subhiksha E	Project Title : Stock Management System
3 rd Place	
Shailesh H Rethika S	Project Title : Restaurant Management System



Dr P Subbaraj, Dean – Electrical sciences presenting the prizes to the best projects on 10th March2021

An awareness programme on “GRE and Admissions Abroad - Timelines”

Higher Education Forum (Language) organized an awareness programme on “GRE and Admissions Abroad - Timelines” for students interested in pursuing higher education abroad. The speaker was Mr. Gowtham Sekaran, Manya – The Princeton Review, Coimbatore. The programme was held on 11th March 2021 (Thursday). Mr. Gowtham Sekaran, explained the format of GRE and ways to prepare for the exam. He also provided the training details, duration and cost of training at Manya.

Further, Mr. Gowtham also discussed the scope and opportunities for higher education in the US and the process involved in applying to universities. He interacted with the students and clarified their queries. Forty eight students participated in the programme.



Mr.Gowtham Sekaran, Manya – The Princeton Review, Coimbatore addressing students on “GRE and Admissions Abroad - Timelines” on 11th March 2021 organized by Higher Education Forum – Language.

Engineering Excellence for Diploma Civil Engineering Students

The Department of Civil Engineering in association with ISTE Students Chapter (TN-366) conducted a one-day workshop on Engineering Excellence for Diploma Civil Engineering Students” on 13th March 2021. Dr.G.Chandramohan, Principal, PSG iTech welcomed the gathering. Dr.P.V.Mohanram, Secretary, PSG iTech presided over the function. Dr.A.Sankara Subramanian, Chairman, ISTE-Tamil Nadu Section inaugurated the workshop. Totally, 60 Polytechnic Civil Engineering students from various reputed Polytechnic Colleges attended the workshop. The basic concepts in design of bridges were taught to the diploma students by the Civil Engineering Students of PSG iTech. Cash prizes were distributed to the winners in the events. Finally Dr.M.IAbdul Aleem, Professor and Head, Department of Civil Engineering, PSG iTech proposed the vote of thanks.



Dr.G.Chandramohan, Principal honoring Dr.A. Sankara Subramanian, Chairman, ISTE-Tamil Nadu Section

Guest Lecture on “General Health and Day to Day Lifestyle”

PSG iTech staff club organized a guest lecture on “General Health and Day to Day Lifestyle” on 24th March 2021. Dr.K.Mahadevan, Professor, Dept. of Dermatology, PSGIMSR served as the resource person for this programme. Dr.G.Chandramohan, Principal, PSG iTech welcomed the gathering and stressed the importance of health in our life. Mr.M.Jothibas, Assistant Professor (Sr.Gr) introduced the chief guest. Dr.P.V.Mohanram, Secretary, PSG iTech delivered the felicitation address. Dr.K.Mahadevan highlighted the importance of mental health, physical health and social health in his humorous speech. He stressed the importance of lifestyle modification to manage the common diseases like blood pressure, diabetes and cholesterol. Finally, Dr.I.Kala, Associate Professor, delivered the vote of thanks.



Dr.K.Mahadevan, Professor, Department of Dermatology, PSG Institute of Medical Science and & Research highlighting the importance of mental health, Physical health and Social health during the guest lecture on “General Health and Day to Day Lifestyle”

AICTE-ISTE Sponsored Refresher/Induction Programme on “Integration of Pedagogical Strategies with ICT for Transformation of Engineering Education”

The Department of Electronics and Communication Engineering (ECE) organized an AICTE-ISTE sponsored One-week Online Refresher / Induction Programme (Phase II) on “Integration of Pedagogical Strategies with ICT for Transformation of Engineering Education” during 25-31 March 2021. Col. B. Venkat, Director, Faculty Development Programme, AICTE, New Delhi, participated and delivered the inaugural address and offered felicitations.

Dr G.Chandramohan, Principal, delivered the welcome address and Dr.P.V.Mohanram, Secretary, PSG iTech, delivered the presidential address. In his presidential address, he thanked the AICTE for sponsoring the programme and appreciated the efforts taken by members of faculty in organizing the event. Also, he highlighted various innovative teaching strategies practised in PSG iTech in alignment with National Education Policy (NEP), formulated by the Govt. of India. Later, Mr.D.Venkatesh, Asst. Professor, Dept. of ECE, introduced the Chief Guest to the participants.

The Chief Guest Col.B.Venkat, in his address, congratulated the college administration for organizing fruitful academic activities on NEP. Also, he spoke about the importance of participating in the Faculty Development Programmes (FDPs) and enhancing various skills required for effective teaching and learning process. Dr. P. Subbaraj, Dean, Electrical Sciences, in his felicitation speech, spoke about paradigmatic shift in teaching and learning process, especially the transformation from faculty-centric to student-centric and other flexibilities in learning.

Also, he stressed the importance of motivating students in learning rather than merely delivering bookish knowledge, which is readily available. In addition, he requested the members of faculty to lecture less, motivate the students to interact more and enjoying giving lectures.

Finally, Dr. P. Vetrivelan, Head of the Dept. (in-charge), Dept. of ECE, and the coordinator of programme, proposed the vote of thanks. Some of the significant points shared during the session were recapitulated and expressed his sincere gratitude to the management, invitees, and participants for their continued support and encouragement. Mr.D.Venkatesh, Mr.K. Paldurai and Ms. M.Sowmiya, Asst. Professors, Dept. of ECE, coordinated the programme.



Dr.G.Chandramohan, Principal, delivering the welcome address during Inaugural Session on AICTE-ISTE Sponsored Refresher/Induction Programme on “Integration of Pedagogical Strategies with ICT for Transformation of Engineering Education”

First International Conference on Next Generation Computing Systems

The First International Conference on Next Generation Computing Systems (ICNGCS 2021) was organized by the Department of Computer Science and Engineering on 26th March, 2021. The conference was organized by the Department of Computer Science and Engineering. Dr. R Manimegalai, Professor and Head, Department of Computer Science and Engineering, welcomed the chief guest, Mr Dhiraj Rajaram, Founder, Chairman and CEO, Mu Sigma Inc, Dr B Ramamoorthy, Advisor (Academic), PSG Institutions, and the gathering. The function was graced by the Guest of Honors Mr. Karthik Vaidyanathan, Co-Founder and CTO at Reelbox and Mr Vivek Kalagara, CTO, Data Foundry. Dr. P Ilango, Professor, Dept. of CSE, Conference Chair, briefed about the conference.

Principal, Dr G Chandramohan delivered the Presidential Address and congratulated the Department of Computer Science and Engineering for initiating the first international conference. He quoted that a total of 91 papers were received and after peer review 58 papers were selected for presentation in the conference. He stated that the creativity of the students and faculty must be enhanced by following the intuition process and obtaining multiple solutions to a given problem. It must be followed by the left brain activity, which involves logical thinking aiming at detailing the optimal solution. The conference e-proceeding was released by Mr Dhiraj Rajaram and the hard copies of the conference proceedings were released by Mr Kartik Vaidyanathan, CTO, Reelbox. The proceedings were received by the Principal Dr G Chandramohan and Secretary Dr PV Mohanram.

Secretary, Dr P V Mohanram discussed the definitions of Data Engineer and differentiated them with the Data Analysts, who analyze the wealth of information from the data and arrive at some useful insights. He also emphasized the importance of understanding the first principles with good knowledge of statistics and a sound mathematical background, which are pivotal for students interested in Data Analytics and IoT.

He briefed the motto of IIT Kharagpur, which says excellence in action leads to communion with the Reality and excellence in action relies on Equanimity of Mind each one must maintain the same so that the distracting thoughts do not affect. Thus, one can be at peace and face the challenges, which will improve the life of every citizen in the country.

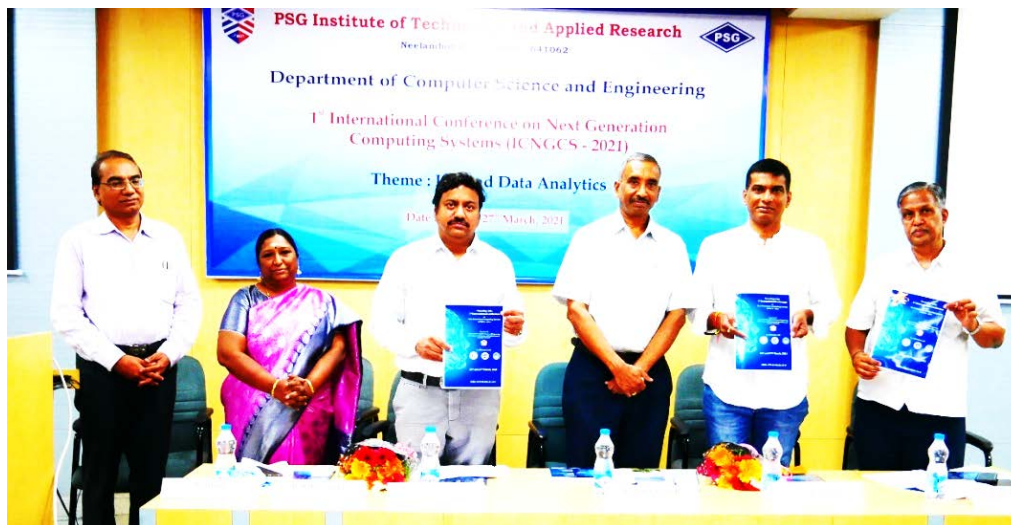
In the inaugural address, Mr Dhiraj Rajaram, Founder, Chairman and CEO of Mu Sigma Inc. emphasized the purpose of data engineering i.e., making sense out of data which will help in making appropriate decisions from time to time. He differentiated the concepts of Data Engineering, Data Science and Decision Science with a live example of minimizing the turnaround time at airlines with a beautiful video clipping.

He quoted that in the future knowing is of less importance and learning is of paramount importance. He also gave an example of a cricket match to highlight the current scenario, the need for all-rounders, the capacity to take risks.

Mr. Dhiraj Rajaram also spoke about dealing with complex systems with empathy. He was particular about asking ‘why not’ type of questions. In reality, the problem space will not be clearly defined and one has to sit down with the client and by repeated questioning with empathy to understand the problem one can define the problem clearly.

He also stated that it took about 12 to 18 months to understand the problem they had in the airline project to reduce the turnaround time of the airline. He concluded saying that Engineers in order to be successful they will have to have a combination of humility, which means to operate from the platform of “not knowing” so that one can know the picture clearly; with a contradictory paradigm which means being “irreverence” to the problem, that gives the confidence to solve any kind of problem.

Finally, Ms Priya Ponnusamy, Conference Convener, thanked the Chief Guest, Guest of Honours, Secretary, Principal, Dean, Heads of the departments, faculty and staff of various other departments, Delegates from different colleges along with the conference chairs and the Press. Around 138 participants participated through the online mode for the Inaugural function. A hard copy of the proceedings containing the complete papers will be published, as a book in a reputed Scopus Indexed Journal.



Release of the conference proceedings by Mr.Kartik Vaidyanathan, CTO, Reelbox on 26.03.2021

Second Graduation Day Ceremony

PSG Institute of Technology and Applied Research (PSG iTech), Coimbatore celebrated the Second Graduation Day Ceremony on 27th March 2021 (Saturday) in the newly inaugurated PSG Convention Center. Shri.G.R.Karthikeyan, Founder Trustee, PSG & Sons' Charities, welcomed the gathering and spoke about the inception of PSG iTech and its vision for imparting quality technical education for the meritorious students across the country. He congratulated all the eleven university rank holders from various branches and 319 graduates of 2015-19 batch. Also, he welcomed the National Educational Policy (NEP), introduced by the Govt. of India, and its vision for establishing multi-disciplinary universities across the country for empowering quality higher education.

Prof M.K.Surappa, Vice-Chancellor, Anna University, delivered the commencement address. In his insightful address, he acknowledged the management for establishing the state-of-the-art PSG Convention Center, which will provide a platform for organizing distinguished lecture-series and world-class conferences. He congratulated all the university rank holders and graduates for their hard work and dedication. At the same time, he extended his appreciations to all their parents and members of faculty for their continued support.

Prof M.K. Surappa lauded the visionary management in extending yeoman service for the society by producing quality education for all the members of the society. While he reminisced the visionary statement of Shri P.S.Govindaswamy Naidu, "Let there be Charity, so that others can share my family's prosperity" hundred years before, he requested the young graduates to consider such noble visionaries as their role models.

Also, he appreciated the efforts taken by the PSG Management in providing job opportunities and skill development programmes for the upliftment of the society. Further, he appealed to the graduates to focus on start-ups, which play an inevitable role in the development of the country. He requested the graduates to utilize all the knowledge and skills gathered over the years for uplifting the people around them. At the same time, he urged the graduates to think about the purpose of their lives, and, envision how they can transform the society in a meaningful way, with the help of latest and cutting-edge technologies. Especially, he prompted the graduates to think about taking the digital technologies to the reach of common man in the society, to simplify the work like applying for Aadhar Card and doing bank transactions; the above, defines real progress and success of the society. At the same, he insisted on data privacy and data security of individuals.

With reference to Covid-19 pandemic, the Vice-Chancellor, encouraged the graduates to exploit the power of big data analytics in handling the pandemic situation by timely collection of exhaustive data at various stages. While he welcomed all the latest technologies, he mentioned that the challenge lies not in developing new technologies but overcoming the challenges faced by the society like covid-19, by effectively using such technologies. Therefore, he urged all the graduates to embark on the latest technologies in finding solution for the challenges faced by the society. Also, he listed out the breakthrough technologies identified by MIT that can impact the society like: green hydrogen, lithium-metal batteries, digital contract tracing, hyper-accurate positioning, remote everything, multi-skilled AI, TikTok recommendation algorithms, and GPT 3.

In addition, he urged the young graduates to engage themselves in addressing the challenges of lithium-ion batteries for use in electric vehicles i.e. cost, life, quick charging, weight, inflammability during collisions etc.; also, alternate solutions need to be developed in these area of research by fresh engineers.

Citing the social progress index, he mentioned that it is need of the hour is to build an inclusive society rather than leading a sophisticated and luxurious life. He added that a progressive society has consider the various parameters to increase the social progress index like improved environment quality, access to healthcare and education, reduction in traffic density and crime rate, sanitation, access to drinking water, housing and so on.

Small countries like Norway, Denmark, Finland and New Zealand secured places in Tier I, but the so-called developed countries like the U.S and U.K. secured places only in Tier II category.

Also, he appealed to all the graduates to lead an inspiring life, set higher goals in life and achieve them with utmost happiness. Further, he requested all the fresh graduates to adhere to the high moral and ethical values while uplifting the standard of life of an inclusive society. Finally, students were urged to use their knowledge and skills that have acquired during their formative years at PSG iTech in solving the above-mentioned issues of the society.



Prof.M.K.Surappa, Vice-Chancellor, Anna University, giving away the degree certificate to Ms. J.S.Pavithraa, who secured the ninth rank in the University exams. From the Left: Dr.M.I.Abdul Aleem, Professor and Head, Dept. of Civil Engineering, Dr.G.Chandramohan, Principal, Shri.L.Gopalakrishnan, Managing Trustee, Shri.G.R.Karthikeyan, Founder Trustee, and Dr.P.V.Mohanram, Secretary are gracing the occasion during the Second Graduation Day Ceremony



Prof M.K. Surappa, Vice-Chancellor, Anna University, delivering the Commencement Address during the Second Graduation Day held on 27.3.21

Second Alumni Meet

The Second Alumni Meet of PSG iTech Alumni Association, Neelambur was held on 27th March 2021. There were 200 Alumnus from 2014-18, 2015-19 and 2016-20 Batches. Mr. Baskar S, Director, T&I Global Ltd., Coimbatore served as the Chief Guest and Mr. Muthukumaran KPM, Chief Executive Officer, KPM Plasto Rubber Co., Coimbatore, served as the Guest of Honor. DrB Ramamoorthy, Academic Advisor, PSG Institutions, Dr V Jeyabalan, Director-Examinations, PSG Institutions, and Dr. M. Arasu, General Secretary, PSG Tech Alumni Association, Dr. P. Subbaraj, Dean- Research (Electrical Sciences), Heads of Departments and faculty members were also present on the occasion.

Mr. Navaneetha Krishnan, President, PSG iTech- Alumni Association welcomed the gathering. He thanked the PSG Management for providing the all the required facilities and unstinted support to organize the event to help and interact with the alumni, students and faculty for establish rapport.

Dr. G Chandramohan, Principal, in his address, mentioned the contributions made by alumni of both PSG Tech and iTech to the PSG iTech in terms of scholarship, project opportunities, advisory roles, infrastructure development, and honoring faculty. He stated that alumni network is the backbone of every institution and every alumnus is a torch bearer, who spread the message of the institution across the globe. He also entreated the alumni to help the third and final year students for their placements.

Dr. PV. Mohanram, Secretary, requested Mr. Sathiyathan, Faculty in-charge, PSG iTech Alumni Association and alumni members to start a program called **Alumni-Conversation** to connect with the peers and juniors for frequent discussion on important topics. He requested the members to identify five core competencies and make students involve in projects to solve industrial problems. For example, Battery design and development for electric vehicle is one such area, where there are lot of opportunities for developing new products. This creates the industry-institute partnership that makes PSG iTech a globally-recognized institution. Also, he appealed the members to conduct a Concept to Product competition, which may be completely mentored by alumni members. He also requested the members to address the pressing societal problems through alumni network.



Second Alumni Meet of PSG iTech Alumni Association held on 27th March 2021.

Chief Guest Mr. S Baskar wished the alumnus and their parents for choosing PSG iTech, one of the premier institutions in India. He encouraged the members to work for the welfare of the association and also to work for the societal problems like water management along with the government bodies in and around the city. He interacted with the Alumni members and discussed their careers and whereabouts. Also, he welcomed PSG iTech Alumni members to be a part of any PSG Tech Alumni Chapter as well.

He narrated an interesting story about how a PSG iTech Alumnus joined the Hosur PSG Tech Alumni Chapter.

Mr. KPM. Muthukumaran, Guest of Honor, encouraged the alumni members to explore and enhance their entrepreneurship. He suggested that human resource management is an important area where technologies can be used to increase the productivity and turnover of the company. He wished the students and members of alumni of PSG iTech to participate in product development competitions organized by companies that will help them create innovative products.

Alumni Members of PSG iTech (2014-18 and 2015-19 batches) handed over the scholarship money of **Rs. 2, 12, 000 (Rupees two lakhs and twelve thousand)** to the Principal.

Mr. Hariharan K, Vice-President, PSG iTech- Alumni Association, thanked the Guests and PSG Management for their continuous support and encouragement. He thanked the alumni, who contributed for student scholarship. He also thanked the PSG iTech students' union and member of estate office for their help in organizing the Second Alumni Meet. He thanked the iTech Music Band guided by Ms. Lakshmi Kalpana Roy, Assistant Professor, CSE and Mr. Mahesh, In-charge, PSG Hostel Mess and Supporting Staff for their refreshment and dinner arrangement. Later, the gathering relished in the musical treat given by iTech Music Band at the PSG Convention Centre. Guests, Members of Alumni Association, Parents and Faculties enjoyed their dinner at College Canteen.

Installation of Rotaract Club

PSG Institute of Technology and Applied Research (PSG iTech), in association with Rotaract Club of Coimbatore Saicity, installed the Rotaract Club on 30th March 2021 (Tuesday) in the presence of Secretary Dr P.V. Mohanram, Principal Dr G. Chandramohan, President of Rotary Club of Coimbatore Saicity Rtn. Shanmugam S. P and various other members of Rotary and Rotaract club across the Coimbatore district. The idea behind the inception of Rotaract Club at PSG iTech is to hone the soft skills and managerial skills of the students beyond academics and help them become socially responsible citizens. After the function, members of the club along with the dignitaries planted saplings as a mark of inception.

Rtn. Shanmugam S. P., President, Rotary Club of Coimbatore Saicity, welcomed the gathering and thanked the management for installing Rotaract Club at PSG iTech. Also, students were told how to help the socio-economic conditions of the people around everyone by organizing events and extending all possible help for the needy people. Rtr. Janani Mani, District Rotaract Representative, Rotary International District 3201 (Special Invitee), administered the Rotaract Pledge for the newly inducted members of the club and listed various benefits of joining the Rotaract like building friendship and developing social network. Further, she stated about the transformative capacity of the club and appealed the members to contribute holistically. Rtn. Gopinath A, Joint Secretary, Rotary Club of Coimbatore Saicity, extended his wishes and listed various projects undertaken like Gift of Life, Sastra, Tree Plantation, Sai Care for cancer patients, and Blood Donation.

Dr P.V. Mohanram, Secretary, in his address, appealed the members to organize productive events for the larger benefit of the student community and explained the significance of the name *Adya*, which means the great beginning. Also, he emphasized on the need for organizing programs like national integration, cultural values, and personal finance for developing responsible and selfless citizens of the country.

Speaking on the occasion, Rtn. Myilsamy R., Club advisor, Rotaract club of PSGiTech (Guest of Honor) stressed on the importance of managing time with examples and introduced various Rotaract Club members in the city to help students familiarize and partner with other clubs for organizing fruitful events. Further, he briefly spoke about the mission and vision of the Rotaract club in addressing the social challenges.

Dr G Chandramohan, Principal, in his address, reinstated the vision of PSG “Let there be charity so that others can share my family’s prosperity” and urged the young students to extend their selfless service to the society. Also, he shared the achievements made by PSG iTech students in co-curricular and extra-curricular activities. Particularly, he appreciated the design of the agenda, which exemplifies the time management skills of the club. In addition, he requested the students to be active in the club to help themselves for grabbing opportunities like placement, internship, and projects. While talking about the greatness of the club, he stated that happiness comes not by getting but by giving. Finally, Mr.C.P.Shabariram, Assistant Professor, Dept. of CSE, and Faculty coordinator of the club, proposed the vote of thanks.

Student Representatives of the Rotaract Club of PSG iTech:

- Rtr. Rashmika T - III Year CSE, President
- Rtr. Boopathi Raja S - II Year Mech, Vice President
- Rtr. Karthic Raja V S - II Year Civil, Secretary
- Rtr. Sugassini M - II Year EEE, Joint Secretary
- Rtr. Poornakala G - II Year ECE, Treasurer



Dr. P.V. Mohanram, Secretary, Dr. G. Chandramohan, Principal, along with other dignitaries and members of Rotary and Rotaract Club of Coimbatore during the Installation Ceremony of Rotaract Club at PSG iTech on 30.3.2021 (Tuesday)

Workshop on “e-NBA”

A one-day workshop on e-NBA was conducted by Internal Quality Assurance Cell (IQAC) on 30.03.2021 (Tuesday). **Dr S J Thiruvengadam**, Dean Academic Process, and **Dr S Baskar**, Dean Research and Development of TCE, Madurai had explained salient features of each criterion based on SAR in the morning session. In the afternoon session, individual department criteria prepared for the submission of e-NBA were reviewed by them, and suitable inputs were given to the individual criterion coordinators.



Dr S J Thiruvengadam, Dean Academic Process, TCE Madurai interacting with PSGiTech NBA Coordinators on 30.03.2021

Faculty Award Function

Faculty Awards Function (2019- 2020) was organized on 16th February 2021 to recognize Research Contributions and Achievements made by faculty from 1st July 2019 to 31st December 2020. The management has generously sanctioned a sum of Rs.4,23,536/- (Four Lakhs Twenty Three Thousand Five Hundred and Thirty Six) to encourage the faculty members, who contributed in various fields. The chief guest of the event was Dr R Nadarajan, Professor and Head, Department of Applied Mathematics and Computational Sciences, PSG College of Technology, Coimbatore. The faculty co-ordinators for the event are: Dr E Malar, Professor, Dept. of EEE and Mr. M Jothibas, Asst. Prof (Sr. Gr), Dept. of ECE.



Dr R Nadarajan, Chief Guest, awarding prize cover to Dr. R Ramesh, Professor, Dept. of Mechanical Engineering on 16th February 2021

Around 78 faculty members were honored for their achievements as shown in the table below:

No of Faculty and Staff Received Awards - 78			
S. No	Category of Awards	Sub-Category	Count
1.	Patents	Granted	1
		Applied	9
2.	Int. Journal Papers / Book / Book chapter Published	Wos & Scopus	145
		Book	02
		Book Chapter	19
3.	Online Courses Completed	NPTEL	24
		Coursera	549
4.	Conferences Organized	National	2 (EEE, ECE)
		International	2 (Civil, Mech)
5.	FDPs/PMKVY/Workshops Conducted for Faculty & Staff	-	24
6.	Value Added Courses/Workshops conducted for Students (Co-ordinators)	-	10
7.	PhDs	Faculty Awarded	1
		No of Research Scholars, guided by iTech faculty	9
8.	Research Projects	Sanctioned	8
9.	Other Significant Contributions	Best Faculty	6
		TNSTC Proj/other	4
		Best Tutor	5