

PSG Institute of Technology and Applied Research
Quarterly Report (July to September 2021)

Guest Lecture on “Machine Learning and Algorithms”

The Department of Electronics and Communication Engineering, in association with the Institute of Electronics and Telecommunication Engineers (IETE) Students’ Chapter, organized an online guest lecture titled “Machine Learning and Algorithms” on 7th July 2021. Dr. G. Chandramohan, Principal, delivered the welcome address and briefed about the importance of machine learning (ML) in the day-to-day affairs and the way ML has impacted and transformed the modern lifestyle. Dr. P. Subbaraj Dean (Electrical Sciences) presided over the session.

Ms. Madhuri Gopal, an expert mentor in the field of Machine learning, Data Science and Natural language Processing (NLP) participated as the chief guest and shared her rich decade-long work experience after serving in various top-notch R&D companies. Her session commenced with a detailed introduction to machine learning and explicated the three types of learning methods. She clearly elaborated on the different algorithms used in realizing the learning methods. In addition, python snippets for some of the algorithms were also discussed. The session was loaded with information that motivated and driven students to explore and develop deep insights. Lastly, students expressed their inclination towards the topic and shared how the session benefitted them. Around 80 students and 20 faculty members across the circuit branches participated in the online lecture.

Finally, Dr.P.Vetrivelan, Professor and Head, Department of ECE, proposed the vote of thanks and recapitulated the significant points shared during the session with the participants. The session was coordinated by Dr.P.Reba, Associate Professor, Ms.M.Deepa and Ms.N.Susithra, Assistant Professors, Department of ECE.



Dr. G. Chandramohan, Principal, Dr. P. Subbaraj Dean (Electrical Sciences), Dr. P. Vetrivelan, Associate Professor and Head, Department of ECE, and Dr. R. Manimegalai, Professor and Head, Dept. of CSE along with faculty members are seen in the photo during the guest lecture “Machine Learning and Algorithms” held on 7th July 2021

Project Contest on “Arduino Platform and Programming”

The Department of Electronics and Communication Engineering (PSG iTech), in association with the Indian Society for Technical Education (ISTE) Students’ Chapter, organized an online Arduino based project contest on 12th July 2021. The contest was planned as a part of the value-added course (VAC) titled “Arduino Platform and Programming” offered to the students of I Year ECE (2nd Semester). Ms. Mirnalani, I year ECE student, began the session with a prayer song. Dr. P. Vetrivelan, HoD – Department of ECE, delivered the welcome address. Dr.P.Subbaraj, Dean (Electrical Sciences) presided over the session. Dr P V Mohanram, Secretary, motivated the students on how to present their work in a forum.

The Class tutor, Ms.M.Deepa, introduced the judging panel members, Mr. K Yazhisaikumar (2014 batch Alumnus), Validation Engineer, Renault Nissan Technology and Business Centre India Pvt. Ltd, and Ms. Samyuktha Saravanan (2015 batch alumnus), Software Engineer, CISCO Systems Pvt Ltd. Totally 13 batches, with maximum 4 members per batch (50 students) took part in the contest. They demonstrated their work through live video, slide presentation, animation, recorded video demo and screen recordings. The Class tutor Dr. P. Reba lauded the efforts of all the students and thanked the Alumni for joining the event. At the end of all the presentations, Professor Dr. P Subbaraj announced the prize winner. Dr. P. Vetrivelan, thanked all the co-ordinators. Ms. M. Sowmiya and Ms. N. Susithra, Class tutors and all the students were appreciated for their tremendous efforts in doing hardware-based project work as a team amidst the pandemic situation. The first prize was given for the project “Home Automation System”, done by Mr Viswa Kumar N, Mr Sriniketh J, Mr Ganeshraam K and Mr Asswanth S D.

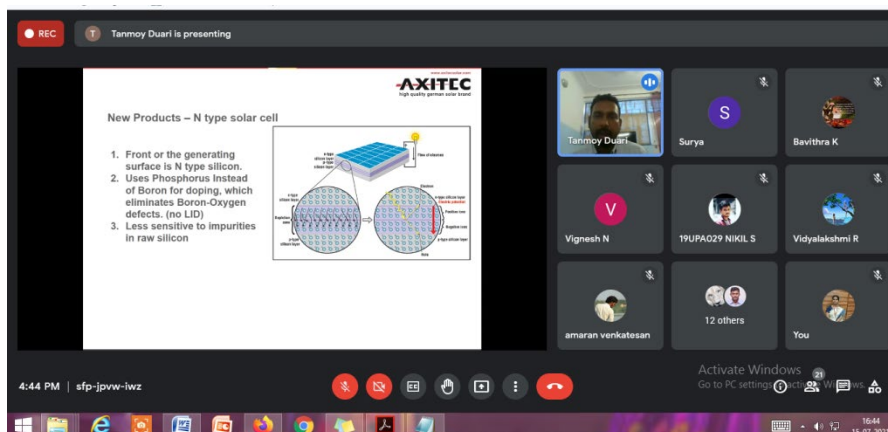


Arduino based Project Contest held on 12th July 2021

Three-Day workshop on “Advanced Solar Technology”

The Department of Electrical and Electronics Engineering, in association with Institute of Electrical and Electronics Engineers (IEEE) PSGI Student Branch and Cares Renewable Private Limited, Coimbatore, organized a three-day workshop on “Advanced Solar Technology” during 14th - 16th July 2021. Totally 30 participants including the faculty members, students and the practicing engineers from industries benefited through the workshop.

The workshop was inaugurated by Mr. Subrahmanyam Pulipaka, Chief Executive Officer of National Solar Energy Federation of India, New Delhi on 14.07.2021. Experts from solar photovoltaic manufacturing and related service industries delivered the lecture on advancement in inverter technologies, storage system, power optimization in solar system and hybrid and micro inverter options. Design presentation and various case studies by the experts enlightened the participants on solar domain. Finally, the session was concluded with the Virtual Tour to Renewable Energy Systems Laboratory facility at PSG Institute of Technology and Applied Research, Coimbatore.



Mr.TanmoyDuari, CEO, Axitec Energy India Pvt. Ltd delivering a talk on “Mono PERC Half Cut Technology” on 15th July 2021

NCC Inaugural Ceremony

The new rising of 6 (TN) Medical Company National Cadet Corps (NCC) was inaugurated on 20th July 2021 in the college premises with great enthusiasm. The Chief Guest of the function was Major Dhinesh Davis, Commanding Officer, 6 (TN) Medical Company NCC, Coimbatore. The Chief Guest unfurled the NCC flag. After flag hoisting, Major Dhinesh Davis opened the NCC room at E4 Block. Principal Dr.G.Chandramohan welcomed the gathering. In his welcome address, he emphasized the need for joining in NCC through which students can render their service as responsible citizen. The chief guest encouraged the students with his invigorating speech. In his speech, he said that NCC aims to develop qualities of character, courage, comradeship, discipline, leadership, and secular outlook, the spirit of adventure and sportsmanship and ideals of selfless service among the youth to make them useful citizens. The keynote address was given by Dr.P.V.Mohanram, Secretary. In his address, he said, that “even though the NCC was initially created as a second line of defense for the nation, the NCC experience is much more than that. It is a platform to build character, team work, leadership qualities, and a secular outlook in life. Finally, the vote of thanks was proposed by Mr.P.Gajendran, NCC Caretaker unit.



Dr. G. Chandramohan, Principal, Dr. P.V. Mohanram, Secretary, with the Chief Guest Major Dhinesh Davis, Commanding Officer, 6 (TN) Medical Company NCC, Coimbatore, New rising inauguration event held on 20th July 2021

Faculty Awards Function

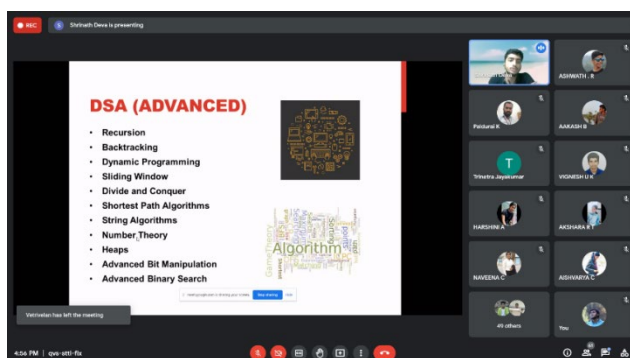
Faculty Awards Function was held on August 02, 2021 to recognize research contributions and achievements made by faculty from 1st January 2021 to 30th June 2021. As per the norms established in approval with management for each category of awards, the management was gracious enough to release Rs.1,41,410/- (One Lakh Forty One Thousand Four Hundred and Ten Rupees). The function was presided over by Dr K B R Varma, Director – Research, PSG Institutions. Around 42 faculty members were honored for their achievements.



Dr K B R Varma, Chief Guest awarding to Ms. K. Govarthanambikai, Assistant Professor/Department of Civil Engineering

Interactive Session on “Strategies to get Placed in Core/ Software Company”

On the 3rd of August 2021, the Dept. of ECE organized an interactive session for the students of 3rd year. The session started with a welcome address by Dr.P.Vetrivelan, HoD / ECE. The session was organized by placement faculty coordinator and student placement coordinators with two students of the final year Akash B and Shrinath D, who are successfully placed in Texas instruments and PayPal respectively. Especially at this point of the year, it is significant for the students to be aware of placement details and the types of companies recruiting. The interaction helped the third-year students to gain clarity regarding the placement procedure and preparation strategies. A live interaction session with the placed seniors opened doors for the juniors to gain more insights and understand the opportunities on the table from a better perspective. They explained the concepts, topics, and resources which are required for placement preparation in a nutshell. They also patiently cleared the doubts that students had. The session ended with the vote of thanks by Mr.K.Paldurai.



Screen shot taken during the interactive session held on 3rd August 2021

Webinar on “Transformative Reforms under National Education Policy (NEP) 2020”

PSG iTech in association with the Depts. of Civil and Mechanical Engineering, the Indian Society for Technical Education (ISTE) and All India Council for Technical Education (AICTE), organized a webinar on “Transformative Reforms under National Education Policy (NEP) 2020” (Theme: Research, Innovation and Ranking) on 12th August 2021. Dr P.Vetrivelan, HoD, Electronics and Communication Engineering, delivered the welcome address. Dr. Gaurav Kumar Dhuria, Associate Professor & Head, DAV Institute of Engineering and Technology, Jalandhar, Punjab facilitated the session on “Research innovation and Ranking”.

The importance of ancient education and rich cultural background were highlighted with examples from the history. The relevance and importance of research was discussed during his speech. He also discussed the current state of affairs in the country on research and 360 degrees holistic progress cards. During his lecture, salient features of NEP 2020 were explained. He discussed the goals, significant activities, and different types of research proposals at national research foundation. Around 50 participants from various institutions participated in the webinar. Ms.V.Selvapriya, Asst. Professor, Dept. of Civil Engineering coordinated the webinar. Dr. M.I. Abdul Aleem, Professor and Head, Dept. of Civil Engineering proposed the vote of thanks.

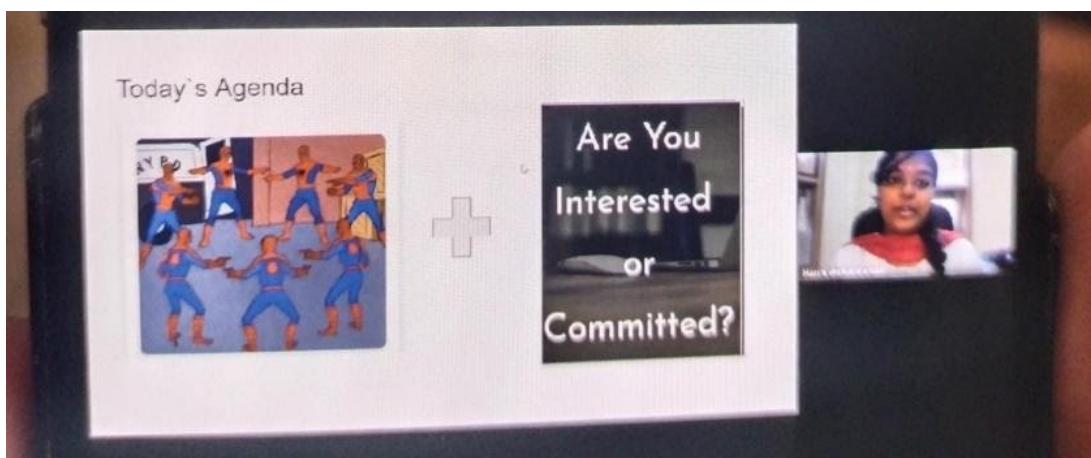


Dr. Gaurav Kumar Dhuria, Associate Professor & Head, DAV Institute of Engineering and Technology, Jalandhar, Punjab delivering the session on “Research innovation and Ranking” on 12th August 2021

Alumni Talk on “Interested-Committed”

The Department of Electronics and Communication organized an “Alumni Talk” for the Students of 3rd and 4th year, which served as a motivational session for the students for having a fruitful academic year. Ms. Harini, who is working as Software Engineer at AppViewX and Ms. Pavithra, working for Temenos as Software Developer, were the resource persons. The session was held on 11th August 2021.

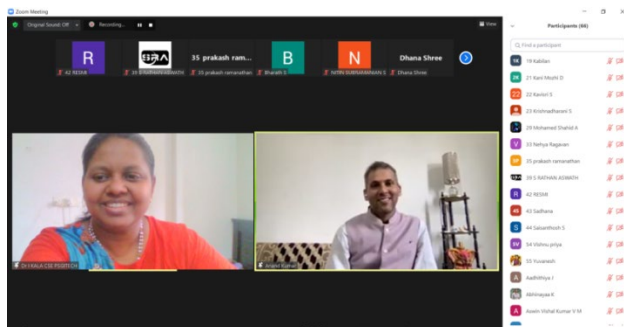
The session focused on the ways and means of reaching great heights in life and how doing routine work with interest and commitment can bring paradigm shift in the way of life. They spoke about the importance of fitness, money making, evolving mindset, knowledge, and creativity, which are essential for every individual for a successful living. They explained these five essential things with interesting examples from histories and living legends like Mary Kom, Serena Williams and other achievers. Later they motivated the students who are going to attend placement interviews with examples from Olympics. The session was not only interactive and interesting but filled with fun. Finally, the session ended with Q & A and feedback.



Alumni Talk on “Interested-Committed” held on 11th August 2021

Webinar on “Opportunities after Engineering through GATE & ESE”

The Webinar on “Opportunities after Engineering through GATE & ESE” was held on 12th August 2021 in association with The Institution of Engineers (India) PSGI Students’ Chapter and ACE Engineering Academy. The Speaker Mr. Anand Kumar, a motivational speaker and senior faculty, ACE addressed the participants by highlighting various strategies for competitive exams. Around 75 students have participated and their doubts were clarified.



Mr. Anand Kumar, Senior Faculty, ACE addressing the students on the topic “Opportunities after Engineering through GATE & ESE” held on 12th August 2021

Webinar on “Importance of Mathematics in Intelligent Techniques”

The Department of Mathematics has conducted a Webinar on “Importance of Mathematics in Intelligent Techniques” on 13th August 2021. The aim of the webinar is to create awareness in the field of Artificial Intelligence for the faculty members, researchers, and students to know the importance of Mathematics in the era of modern technologies. Dr. Mehar Chand, Professor, Department of Mathematics, Baba Farid College, Punjab, explained the importance of Mathematical techniques in the light of modern technologies. Around 110 participants from various parts of the country participated in this webinar and got benefitted. Dr. V. Jailaxmi, Professor and Head, Department of Mathematics, welcomed the chief guest and participants joined in online and offline. Dr. P. V. Mohanram, Secretary gave the presidential address. He pointed out the role of Mathematics in the light of modern technologies like Data Science and Artificial Intelligence. Dr. R. S. Sankarasubramanian, Professor introduced the chief guest. Dr. P. Chinnaraj, Assistant Professor (Selection Grade) proposed the vote of thanks. Dr. S. Aramuthakannan, Associate Professor hosted the Question Answer Session, Dr. V. Chitra anchored the session and Ms. Amrita sung the prayer song.



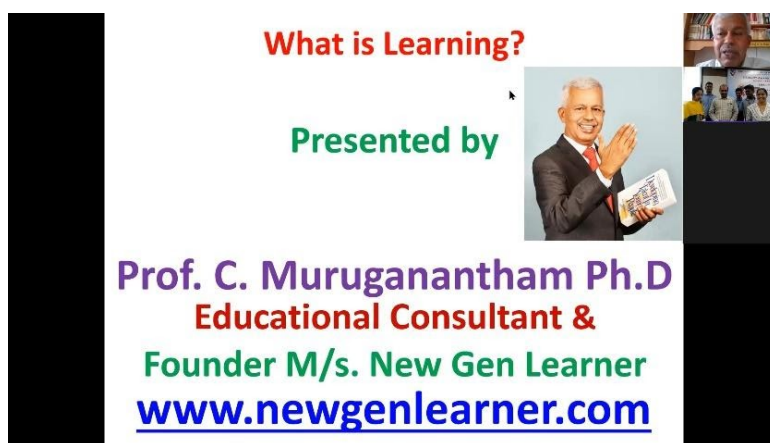
Webinar on Importance of Mathematics in Intelligent Techniques on 13th August 2021

Guest Lecture on “What is Learning?”

The Department of Electronics and Communication Engineering, in association with ISTE students' chapter conducted an online guest lecture on “What is Learning?” on 13th August, 2021 to the second and third year students of ECE. Prof Muruganantham exclaimed that the “Capacity to learn is a gift” which is inherited from our forefathers. He quoted several examples from Tamil literature to add value to his speech. He also quoted that the “Ability to learn is a skill”, which is acquired from the surroundings and society we grow up in. But “Willingness to learn is a choice” made by the individual. Around 63 students took part in the guest lecture and got benefited.

He stated that willingness plays a crucial role in learning more than the ability and capacity. He spoke about the innovations made by Archimedes in the mechanical and civil engineering domains like pulleys and levers to explain how it helped during the times of war by easing the muscle load in lifting the warships. Similarly, he wondered if there could be a lever that could lower the cognitive load (brain load) while we study. He elaborated the concepts of strong encoding and long term memory and how we can effectively train our brain to remember and retrieve new concepts learnt.

He also presented the models of brain and how the neurons made strong emotional associations when we learn the concepts with utmost concentration and acceptance. He also threw light on the concept of chunking in order to shrink the content and store it in the limited available memory. He also illustrated examples in favor of the concept of transfer, how the principles in physics were transferred to a new domain of veterinary gynecology. He concluded the talk highlighting the terms in Bloom's taxonomy and move higher in the Bloom's level in order to excel in the curriculum as well come out with flying colors.



What is Learning?

Presented by

Prof. C. Muruganantham Ph.D
Educational Consultant &
Founder M/s. New Gen Learner
www.newgenlearner.com

Prof C Muruganantham, Former professor, TCE, Madurai, presenting his talk on “What is Learning?” on 13th August 2021

Independence Day Celebrations

PSG Institute of Technology and Applied Research celebrated the 75th Independence Day (I-Day) in the presence of the Chief Guest Col B Satish, Commanding Officer 5 (TN) Girls Battalion NCC, Coimbatore on 15th August 2021. Unfurling the national flag, Col B Satish accepted the students' march-past parade and delivered the I-Day speech. In his special address, several sacrifices made by the forefathers and martyrs for the freedom struggle were recalled and an appeal was made to the spectators to reminisce about the glorious past and historic moments. Students were urged to understand their moral responsibility to the nation and the society. Col B Satish shared that with freedom comes maturity, sense of gratitude, resilience, inclusivity, equality, respect for everyone, and sense of ownership. He requested everyone to remind themselves about Nation First and work for the nation to reach great heights in all aspects.

Earlier, Dr.G.Chandramohan, Principal, welcomed the gathering and lauded the achievements made by the students and members of faculty of PSG iTech. He shared that students of iTech are continuously motivated not only to excel in academics but in extra-curricular activities through various clubs functioning in the college like NCC, music club, eco-club and so on to become holistic citizens and serve the nation. With great sense of pride, he shared that PSG iTech has NCC Wings for both boys and girls. Also, he thanked faculty members and students involved in organizing the event successfully.

In his felicitation address, Dr P.V Mohanram, Secretary, extended a warm welcome to everyone and reflected upon the glorious sacrifices made by the ancestors to overcome the freedom struggle. Several important values to be inculcated by every human being like mutual respect, love, inclusive growth, sense of responsibility and ownership were recalled in the speech. Also, young students were urged to pursue the Defence Services as one of the options for their career and add value not only to the individual self but to the nation.

Further, he shared an interesting anecdote from the life of Major Dhyan Chand to explain how one should be truly patriotic to the nation and render selfless service to the country which he or she belongs to, at any point of time. Finally, participants were requested to practice watching their breath pattern to know their emotional state for a harmonious living.

At the end, a special tree-plantation drive was organized to commemorate the 75th Independence Day celebrations by the eco-club. Finally, Dr.P.Vetrivelan, Associate Professor and Head, Dept. of ECE, proposed the vote of thanks. Lt. V.Vilashini, Asst. Prof, Dept. of CSE, Mr. Gajendran, Asst. Prof, Dept. of Mathematics along with Mr A Robinson, PED, Dept. of Physical Education coordinated the event.



Principal Dr G Chandramohan, Secretary Dr PV Mohanram and other dignitaries presenting a memento to the Chief Guest Col. B Satish during the 75th Independence Day celebrations held in the Central Courtyard at PSG iTech on 15th August 2021

Short-term Training Programme on “Application of Geospatial Technologies in Building Sustainable Smart Cities”

The ISTE approved Short-term Training Programme on “Application of Geospatial Technologies in Building Sustainable Smart Cities” was conducted by the Department of Civil Engineering, PSG iTech during 23rd to 27th August 2021. The inaugural function started with the invocation, followed by welcome address by Dr.M.I.Abdul Aleem, Professor and HoD of Civil Engineering at PSG iTech. He thanked the ISTE for approving the STTP programme. The presidential address was delivered by Dr.P.V.Mohanram, Secretary, PSG iTech. In his address, he stressed upon the need to implement the Intelligent Traffic Management System for finding alternative routes, IoT and cloud based automation, application of drones for surveillance, as a part of the Smart City development. He also highlighted the use of geospatial technologies for the monitoring of common amenities in smart cities such as 24x7 water supply, effective garbage disposal systems, underground drainage systems, digital documentation of land and public records. Mr.V.Navin Ganesh, Assistant Professor (Sr. Gr.), Department of Civil Engineering, PSG iTech, briefed about the objectives of the STTP. The chief guest of the function, Dr.K.Elangovan, Professor in the Department of Civil Engineering at PSG College of Technology, Coimbatore, delivered the inaugural address.

He explained the salient features of the smart cities mission launched by the Government of India and the objectives of the mission, which include applying smart solutions to infrastructure and services in area-based development in order to make the cities a better place for living. Mr.R.Rajkumar, Assistant Professor (Sr. Gr.), Department of Civil Engineering, PSG iTech, proposed the vote of thanks. The first session of the STTP was facilitated by Dr.K.Elangovan, Professor, Department of Civil Engineering, PSG College of Technology, Coimbatore.

He elaborated on the concept of smart city and the various geospatial techniques available. Renowned speakers from various institutions including IIT, NIT, NITTTR, and other institutions delivered talks on various topics. Every day, 2 sessions were held. One session on Hands-on training in QGIS was conducted for the benefit of the participants. A test was conducted for the participants on the last day of the STTP.



Dr P Perumal, Prof (Civil Engg) and Dr P V Mohanram, Secretary presenting a memento to the chief guest Dr.K.Elangovan, Professor in the Department of Civil Engineering at PSG College of Technology, Coimbatore on 23rd August 2021.

Teachers' Day Celebrations

The Staff Club of PSG Institute of Technology and Applied Research organized a guest lecture on “Seriousness is Sickness” on 3rd Sep 2021. Dr K Rathnasabapathi, Director, Anglophonix Institute of English, Coimbatore participated as the resource person and addressed the gathering. Dr.G.Chandramohan, Principal welcomed the gathering and spoke about the legacy of Dr. G.R.Damodaran, especially his unfailingly courteous, helpful and kind gesture with everyone around him. Also, the impactful life led by Dr G.R.Damodaran and his tremendous contributions for the development of education and society was highlighted in the address.

Further, he appealed to the members of Staff Club to organize and celebrate the birth anniversary of Dr G.R.D as Staff Day of PSG iTech in the upcoming years. Also, he requested the Staff Club to take initiatives for celebrating Teachers' Day every year and organize more events for the members of faculty and their family members, which will help to establish strong bonding in the work environment. Later, Mr. M Jothibas, Asst. Prof, Dept. of ECE, introduced the chief guest to the audience.

Speaking on the special occasion, Dr. Rathnasabapathy recalled his remarkable experiences at PSG College of Arts and Science as a Professor of English and encouraged the faculty members to feel proud and responsible about their opportunity to address young minds every day, which is a rare opportunity in any profession.

At the same time, he urged the policy makers, educationists, and teachers to read *Bertrand Russell's The Functions of a Teacher* for understanding the roles and responsibilities of educational institutions and teachers in shaping the young minds. Through stories and personal experiences, various significant qualities required for effective teaching were highlighted.

Importantly, he urged the members of faculty to capture the attention of students in the first five minutes of every class and find ways to stay away from tension, which will reduce the performance and increase forgetfulness. Also, teachers were appealed to enter the classrooms with excitement and use PPTs sparingly as it may not interest the students all the time.

Dr. P.V. Mohanram, Secretary, offered his felicitations and requested the faculty members to relish teaching, be joyous and serve the student community with high spirits and shape them as responsible citizens. Later, gifts were distributed to all the faculty and staff of the institution during the special occasion.

Finally, Dr.S.Aramuthakannan, Associate Professor of Mathematics, proposed the vote of thanks. The event was coordinated by Staff Club coordinators Dr.P.Chinnaraj, Mr.M.Jothibas, Dr.R.Ravikumar, Ms.K.Govarthanambikai, Asst. Professors and Ms.N.Vasanthi, Asst. Librarian.



Dr K Rathnasabapathi, Director, Anglophonix Institute of English, Coimbatore distributing the gifts to Ms K Bavithra, AP (EEE) during the Staff Day celebrations on 03.09.21. Dr.G. Chandramohan, Principal and Dr. PV. Mohanram, Secretary were seen in the picture

One week online Faculty Development Programme on Computer Architecture

The Department of Computer Science and Engineering has organized a one-week online Faculty Development Program on “Computer Architecture” from 06th September 2021 to 10th September 2021, in association with “PSG Center for Research and Academic Excellence”. There were 46 participants from various colleges which included 8 participants from PSGiTech. The programme began with the welcome speech by the Director Dr. R. Rudramoorthy, PSG CARE followed by Introduction to Chief Guest by Dr. R. Manimegalai, HoD, Dept. of CSE. Principal Dr. G. Chandramohan offered his felicitations. The session was started by Dr. John Jose, Assistant Professor, Department of Computer Science & Engineering, Indian Institute of Technology Guwahati.



Principal Dr. G. Chandramohan, Dr. R. Manimegalai (HoD/CSE) along with the Event Coordinators and Faculty members during the inaugural function of the FDP on “Computer Architecture”

Each session was concluded by Dr. R. Manimegalai, HoD, Department of CSE and immediate feedback was received from the participants. The programme ended with a vote of thanks by Dr. R. Manimegalai, HoD, Department of CSE.

Association Inauguration - CSE

The CSE Association for the academic year 2021-2022 was inaugurated on 14th Sep 2021 at PSG Institute of Technology and Applied Research, Neelambur, Coimbatore. Mr Manoharan Duraisamy, Chief Executive Officer and Mr M Khaja Mohideen, Chief Administrator Officer from Jana Analysis Pvt. Ltd. were the Chief Guests. Mr Manoharan shed light upon “Digital Transformation and its Challenges” and Mr Khaja elucidated on “The Entrepreneurial Journey of a PSGian”. Dr.R.Manimegalai, Head of the CSE Department welcomed the gathering and inaugurated the association. Dr. I Kala, Faculty In charge, CSE Association introduced the Office bearers of the association. Mr Abhisek, Class of 2019 who got placed at Infibeam Avenues-Bangalore and is currently a Research Scholar at IIT Bombay, accepted our invitation to interact with our students. He delivered a talk on “Homo Sapiens 2.0- Technology and Beyond”.



CSE Association Office Bearers during the Inaugural Function held on 14th Sep 2021

Engineer's Day Celebration

The Department of Civil Engineering, PSG iTech in association with “The Institution of Engineers (India) PSGI CV Student Chapter” organized “Engineer’s day celebration” on 15th Sep 2021. Er.A.Sudhahar, Managing Director, Dimensions structural designs was the chief guest of the program. The function was started with invocation followed by welcome address by Preethi VM, convener, IEI, final year student. Akash R, secretary, IEI, final year student briefed about the chief guest. The chief guest insisted about importance of engineers in innovating new technologies for solving problems in simple manner. Also, he added the importance of entrepreneurship in the field of civil engineering. He stressed upon various start up idea in the civil engineering field and explained the importance of ethical behavior of engineers in the society. Ms Sreemathi Gayathri S, Joint secretary, IEI, third year student, proposed the vote of thanks. The coordinator of the event was Mr.R.Rajkumar, Assistant Professor, Department of Civil Engineering.



Dr P Perumal, Professor, Civil Engg. department presenting a memento to the chief guest Er.A.Sudhahar, Managing Director, Dimensions structural Designs

Covid-19 Vaccination Drive at PSG iTech

The Youth Red Cross (YRC) Society has organized Covid-19 Vaccination Drive in the college premises on 14th September 2021. Around 121 vaccines have been granted by Deputy Director of Health Services, Coimbatore district. Dr. S. Gangadaran, Doctor, PSG iTech Medical Centre, and medical team from PSG IMSR have vaccinated the students, faculty and their family members. Dr. G. Chandramohan, Principal, and Dr. P. V. Mohanram, Secretary appreciated the efforts taken YRC volunteers and Mr.M.Sathiyathan, YRC Programme officer and Mr. Udayakumar, General maintenance for coordinating this event. They also thanked Dr. S. Gangadaran, Doctor, PSG iTech Medical Centre and medical team of PSG IMSR for their support.



Covid-19 Vaccination Drive at PSG iTech on 14th September 2021

Soft Launch of PSGIAP

Soft launch of the PSG Institute of Architecture and Planning was held on 18th September, 2021. Architecture block was inaugurated by the honorable Chairman PSG Institutions, Shri G R Karthikeyan and Shri L Gopalakrishnan, Managing Trustee, PSG & Sons' Charities. Heads of the various PSG institutions and faculty members were present on the occasion. The inauguration was followed by the soft launch program. Dr.P.V.Mohanram, Secretary, PSG Institute of Technology and Applied Research welcomed the august gathering. Shri G R Karthikeyan gave an interesting insight into the journey of the PSG Institutions and Charities from the inception to where it stands today and the path ahead while also wishing success to the new institution. Shri L Gopalakrishnan, in his address, conveyed his best wishes for the new institution. Ar.K.Venkatesh Kumar, Principal, PSG Institute of Architecture and Planning presented his vision for the architecture college and introduced his team. Dr. G Chandramohan, Principal, PSG Institute of Technology and Applied Research delivered the vote of thanks. The event was followed by a press briefing.



Inauguration of the architecture block by Shri G R Karthikeyan, the honorable Chairman PSG Institutions and Shri L Gopalakrishnan, Managing Trustee, PSG & Sons' Charities on 18th September 2021

NSS Day Celebrations

The National Service Scheme (NSS) Unit of PSG Institute of Technology and Applied Research has organised a special event to celebrate the NSS Day and to install the new office bearers for its Unit on 24th September 2021. Dr. P. Chinnaraj, Assistant Professor (Senior Grade), Dept. of Mathematics and NSS Coordinator welcomed the gathering. Principal Dr G Chandramohan delivered the presidential address and motivated the students to render selfless service for the society and fellow human beings.

Dr. M. Devasena, Associate Professor, Dept. of Civil, PSG iTech, participated as the chief guest and addressed the gathering. In her special address, students were urged to be socially responsible through their day to day activities and encouraged them to prepare compost from hostel food waste. Also, they were introduced to mobile libraries, a great way to inculcate a book reading habit. The college NSS Unit was recognized for its commendable and outstanding works and received the “Best NSS Unit” award for the year (2019-2020) by Anna University. Also, students Mr. B Aakash, Final Year B.E. ECE and Ms. S Vaishali, Final Year B.E. CSE received the ‘Best NSS Volunteer’ awards from Anna University. Mr B Aakash, Senior NSS Volunteer, presented the new office bearers and they were congratulated. Finally, Ms K Bhuvaneshwari, Final Year B.E. EEE student, proposed the vote of thanks.



Members of NSS Unit seen along with Dr M Devasena, Dr G.Chandramohan, Dr P Chinnaraj (From the left) during the induction of new office bearers for the college NSS Unit

Student Achievements

e-Yantra Innovation Challenge (eYIC 2020-21)

The final year Electrical and Electronics Engineering Students of PSG iTech, Mr. Gopi Ananth, Mr.Kavikumaran R, Mr. Kolappan C and Mr. Lingesh L developed a hardware prototype “Disinfecting Rover” addressing the Disaster Management concept. This team was mentored by Mr. M. Sathiyathan, Assistant Professor (Senior Grade), Department of EEE. There were 300 plus teams from various parts of the country participated in this competition held on 31st July 2021. This team was placed in the top 10 teams selected for final round of eYIC- 2020-21. The Professors from IIT-Bombay and experts from industries have reviewed the proof of concept and awarded a Bronze certificate to the team. Principal Dr. G. Chandramohan and Dr.C.L.Vasu, Professor and HoD, Department of EEE congratulated the student team and mentor for achieving this award.

Mega Fluid Power Championship Quiz 2021

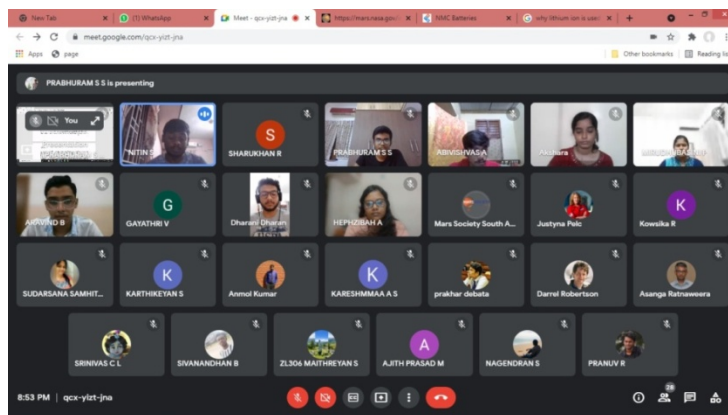
The 'Mega Fluid Power Championship Quiz 2021' was conducted by Fluid Power Society of India (Coimbatore Chapter) on 4th September 2021. A team from the Department of Mechanical Engineering M Aniruth, Final year A K Aseel Ahamed mentored by Mr T Prem Kumar (Assistant Professor, Mechanical) and Mr M Senthilvel (Assistant Professor, Mechanical) participated in the above event and emerged as the 'Winners' for the year 2021. The team is awarded with a two month Industrial internship at Argo Hytos Pvt Ltd, Pollachi with a stipend of Rs 10,000/month and faculty mentor is awarded with Rs 10,000 as Research Grant.



The teams from various colleges along with the quiz moderators in the online Microsoft Teams Platform

International Rover Design Challenge (IRDC) 2021

'Team Aurora' from PSG iTech participated in the International Rover Design Challenge competition held during September 2021 and finished with 7th Position. The IRDC is an annual event conducted by International Mars South Asia. The event was organized via online due to pandemic. Around 60 teams participated in the competition from all around the world. The competition demanded students to design and simulate the Rover. During the event, students justified their design based on the calculations, analysis, results and simulation results. The jury team consisted of prominent scientists from all over the world including NASA.



PSG iTech team Aurora presenting their Design report to the Jury that includes Scientists from NASA