

PSG Institute of Technology and Applied Research
Quarterly Report April - June 2021

Events Organized:

Second National Conference on Communication and System Design 2021

The Department of ECE, in association with IETE, IE(I) and ISTE, organized the Second National Conference on Communication and System Design 2021(NC²SD 2021) on 3rd April 2021. Dr P Vetrivelan, Associate Professor and Head, Department of ECE, welcomed the gathering. Dr G Santhanamari, Associate Professor of ECE and the Organizing Secretary briefed about the conference. It was reported that 95 papers from various institutions were received for review and 45 select papers were presented in the conference. Dr. G Chandramohan, Principal, PSG iTech, delivered the inaugural address and encouraged the faculty members to organize International Conferences during the next academic year to establish intellectual networks and collaborations with researchers across the world. Dr P V Mohanram, Secretary, PSG iTech, delivered the presidential address and appreciated the efforts taken by the faculty members in organizing the conference. Dr. P. Subbaraj, Dean (Research-Electrical Sciences), highlighted the recent advancements in technologies like energy efficient communication, wireless power transfer, and wearable to implantable sensors for biomedical applications. Ms N Susithra, Organizing Secretary, proposed the vote of thanks.

Dr. S. Manikandan, (Scientist E), LRDE, DRDO, Bengaluru, delivered a lecture on “Autonomous Driver Assistance System”. He deliberated on the sensor fusion for autonomous driver assistance system in detail. Also, he elucidated on the ultrasonic sensors, RADAR, LIDAR, vision systems and their applications as range-sensors in different environments. Dr.R.Ramanathan, Assistant Professor, Amrita Vishwa Vidyapeetham, delivered a speech on “Cognitive Networks for 5G Communication”. Six technical sessions were arranged and these sessions were moderated by industry expert from NI - Drive - Japan (Industry), and Professors from Anna University (Regional Centre -Coimbatore), Velammal College of Engineering and Technology (Madurai) and PSG iTech.



Dr. P V Mohanram, Secretary and Dr. G Chandramohan, Principal, PSG iTech along with Dr. P Vetrivelan, HoD in-charge, Department of ECE and Dr. P Subbaraj, Dean - Electrical Sciences releasing the Conference Proceedings



Dr. P V Mohanram, Secretary and Dr. G Chandramohan, Principal, PSG iTech along with Dr. P Vetrivelan, HoD in-charge, Department of ECE, Dr. P Subbaraj, Dean (Electrical Sciences) and organizing team of the Second National Conference on Communication and System Design (NC²SD 2021)

National-level Technical Symposium Yukta: 2021

Students' Union of the college and various clubs, conducted Yukta : 2021, a national-level Technical Symposium for 3 days from 9th to 11th April 2021. The technical symposium aimed to make students think, compete, and grow. Several events and activities like paper presentations, coding contests, treasure hunts, and pictorial were organized during the symposium. Around 500 students from various colleges across the country actively participated in a wide-range of academic events like workshops, paper presentations, technical and non-technical events organized by various departments.

During the inaugural function, Dr K B R Varma, Director (Research), PSG Institutions, released the Yukta: 2021 Souvenir. Dr B Ramamoorthi, Advisor (Academic), PSG Institution received the first copy and offered his felicitations. Dr B Ramamoorthi expressed his happiness and congratulated the Students' Union members. Ms Sangavi Sri, Chairperson - Students' Union proposed the vote of thanks. PSG College of Technology, Coimbatore bagged the overall Championship Trophy and SRM Easwari Engineering College, Chennai secured the Runner-up place.



From the Left: Dr S Jayakumar, HoD –Phy, Dr.P.V.Mohanram, Secretary, Dr B Ramamoorthi, Advisor (Academic), Dr K B R Varma, Director (Research), PSG Institutions, Dr.G.Chandramohan, Principal, Dr P Subbaraj , Dean (Research), Dr P Vetrivelan, HoD, Dept. of ECE and Students' Union Faculty advisor with other faculty members and Students' Union members



Dr G Chandramohan, Principal, interacting with the coordinators of QGIS workshop during Yukta: 2021

Webinar on “Implementation of National Education Policy-2020”

The Depts. of Civil and Mechanical Engineering, in association with the Indian Society for Technical Education (ISTE) and All India Council for Technical Education (AICTE), organized a one-day webinar on “Implementation of National Education Policy (NEP) 2020” on 16th April 2021. Dr G Chandramohan, Principal, delivered the welcome address and appreciated the efforts taken by Dr K Kasthurirangan and his committee in drafting the NEP 2019. Several key aspects of NEP like flexibility, blended - learning, gross enrolment ratio (GER), higher-order thinking were discussed in brief. Dr P V Mohanram, Secretary, delivered the presidential address and spoke about the importance of nurturing students with academic, social, and emotional competence coupled with communication and professional skills. Further, the student-centric approach to education practiced across the PSG Institutions was highlighted.

Dr Pratapsinh Kakaso Desai, President, ISTE, New Delhi, delivered the inaugural address. In his address, he elaborated on the objective of education in Indian context and stressed about the importance of knowledge creation in indigenous context. The ideation behind the introduction of NEP like offering collaborative educational courses with foreign universities for the larger benefit of Indian students was discussed. The importance of ancient education and rich cultural background were also highlighted with examples from the history. Later, salient features of the NEP like various flexibilities in pursuing higher education were discussed in detail.



DrPratapsinhKakaso Desai, President, ISTE delivering the inaugural address



Release of a proceedings of webinar on National Education Policy - 2020

Session 1: National Education Policy-2020 Challenges

In the first session, Dr.P.Subbaraj, Dean (Research - Electrical Sciences), PSG iTech, delivered a lecture on “National Education Policy-2020 Challenges”. He discussed some of the significant points about the NEP-2020 and challenges involved in implementing it in higher education context. Some of the main tenets of the educational policy were also discussed with the participants.

Session 2: Skill Education: Insights from NEP 2020

During the second session, Prof. Sathans Suhag, Professor, National Institute of Technology, Kurushetra, delivered a lecture on “Skill Education: Insights from NEP 2020”. In his address, he stated that the NEP is a product of an extensive exercise that strives to achieve 50 per cent Gross Enrolment Ratio (GER) by 2030.

Session 3: Salient features of NEP

In the third session, Dr.G.Karuppusami, Dean - Research and Innovations, Sri Eshwar College of Engineering, Coimbatore, delivered a lecture on “Salient Features of NEP”. In his address, vision and mission of NEP-2020, its salient features, fundamental principles, importance of National Repository of Educational Data, and timeline for NEP 2020 were deliberated during his insightful talk.

Valedictory Address

Col.B.Venkat, Director, AICTE, in his valedictory address, discussed the various aspects of the National Education Policy 2020. Dr.M.I.Abdul Aleem, Professor and Head, Dept. of Civil Engineering, proposed the vote of thanks. Around 120 participants from various institutions actively participated in the event and benefitted. Ms. D. Pricilla, Ms.V.Selvapriya, Asst. Professors, Dept. of Civil Engineering and Dr. G Rajeshkumar, Associate Professor, Dept. of Mechanical Engineering coordinated the webinar.

Valedictory Function of AICTE - ISTE sponsored Refresher/Induction Programme on “Integration of Pedagogical Strategies with ICT for Transformation of Engineering Education-Phase III”

The Dept. of Electronics and Communication Engineering (ECE) of PSG iTech organized an AICTE–ISTE-sponsored One-week Online Refresher / Induction Programme (Phase III) on “Integration of Pedagogical Strategies with ICT for Transformation of Engineering Education” during 22nd – 28th April 2021. Dr. P.Vetrivelan, Coordinator of the Programme, Associate Professor and Head (in-charge), Dept. of ECE, delivered the welcome address.

In his address, he expressed his deep gratitude to the All India Council for Technical Education (AICTE) and the Indian Society for Technical Education (ISTE) for sponsoring such need-based impactful programmes for the faculty members. Around nineteen resource persons from top-notch institutions like IIT-M, NIT-Trichy, NITTTR, and ISTE facilitated eighteen sessions on various topics like ICT tools, digital learning, pedagogical strategies, and mental wellbeing etc. Participants found the sessions interesting and informative.

Dr G Chandramohan, Principal, PSG iTech, presided over the valedictory function and spoke about importance of creativity in teaching. Further, he elaborated on different thinking skills like convergent and divergent thinking in enhancing teaching skills. Also, all the participants were appreciated for their active participation in all the sessions. Chief Guest of the event, Dr.N.Tamarai Selvan, Associate Professor, Dept. of Management Studies, NIT-Trichy, overwhelmed by the feedback given by the participants.

Dr. P V Mohanram, Secretary, PSG iTech, recalled the significant points shared during the sessions facilitated by the internal faculty members, and encouraged all the other faculty members to organize such productive sessions on various other useful topics for the students and the society. Finally, Ms. A.K. Kowsalya Devi, Asst. Professor, Dept. of ECE, proposed the vote of thanks.



From the left: Dr. P. Subbaraj, Dean (Research), Dr. G.Chandramohan, Principal, Dr. P.V. Mohanram, Secretary, Dr. P. Vetrivelan, Coordinator, Associate Professor and Head i/c, Dept. of ECE along with the organizers of the event and co-coordinators of the AICTE-ISTE-sponsored One-week Online Refresher / Induction Programme (Phase III) on “Integration of Pedagogical Strategies with ICT for Transformation of Engineering Education” during 22nd-28th April 2021

Third International Conference on “Digital Technologies for Design, Construction, and Management in Civil Engineering”

The Dept. of Civil Engineering, in association with Deakin University, Australia, the Indian Society for Technical Education (ISTE), and the American Concrete Institute, organized the Third International Conference on Digital Technologies for Design, Construction, and Management in Civil Engineering (DigiTeC 2021) during 23rd – 24th April 2021. Dr Krishna Kanth Pulicherla, Scientist, TDT Division, Dept. of Science and Technology, Ministry of Science and Technology, Govt. of India, was the chief guest and delivered the inaugural address.

Dr G Chandramohan, Principal, welcomed the gathering and presented a memento to the chief guest virtually. In his welcome address, members of faculty were appreciated for organizing a useful conference on a need-based topic in a professional manner. Dr P V Mohanram, Secretary, spoke about the significant role played by digital technologies in the design and construction management field. In his address, the role of Additive Manufacturing (AM) and Conceiving, Designing, Implementing, Operating (CDIO) approaches, Lean Construction (LC), and Design Thinking, and, several other latest initiatives in the engineering field were highlighted.

Ms K Govarthanambikai, Asst. Professor, Dept. of Civil Engineering, elaborated the conference theme and shared the unique features about the conference. It was stated that the two-day international conference would feature six keynote speakers from different parts of the world and eight technical sessions on various interesting topics. Around fifty-four research papers were presented after a careful scrutiny of 104 papers received from various Colleges and Universities across the world.

Dr Krishna Kanth Pulicherla, in his address, emphasized on the importance of strengthening the infrastructure of the country for boosting the economy and the necessity of building bridges, roads, power plants, industrial units to enhance the societal living conditions. It was stated that the biggest focus area for the Govt. of India is infrastructure development and various initiatives taken by the Govt. like the ATAL Mission for Rejuvenation and Urban Transformation (AMRUT), Smart City, metro rail policies, housing were highlighted.

At the same time, it was mentioned that the advancements in the Digital Technology like Big Data and Artificial Intelligence are creating waves of innovation in Construction Management. The importance and reliance of Drone Technology in construction site was discussed to enlighten the participants on the use of advanced technologies. The crucial roles played by Augmented Reality, Virtual Reality, and pre-fabrication were also highlighted.

Importantly, the speaker appealed to the participants to focus on developing indigenous technologies, which are efficient and customizable to suit the needs of the country. Various programmes and projects introduced by the Dept. of Science and Technology to develop indigenous technologies were discussed succinctly during the talk. The need to automate the construction industry was also emphasized. Further, it was stated that technology-driven systems and highly-skilled capable human resources are the key pillars for infrastructure development.

Finally, he urged the members of faculty to give industry-driven problems statements at the under graduate, post graduate and for PhD level project works. Dr M.I.Abdul Aleem, Professor and Head, Dept. of Civil Engineering, proposed the vote of thanks. The conference proceedings were released at the end of the inaugural function. Dr.M.Devasena, Associate Professor, Mr P Balakumar, Ms K Govarthanambikai, Asst. Professors, Dept. of Civil Engineering, were the organizing secretaries of the conference. Members of Faculty in the Dept. of Civil Engineering successfully coordinated the event.



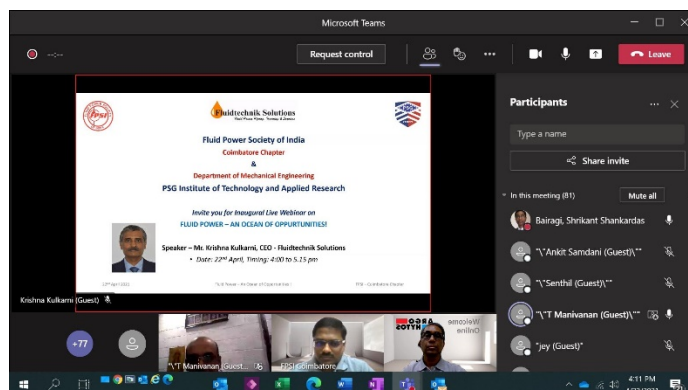
From the Left: Dr. M. Arun, Associate Professor, Dept. of Civil, Dr. G Chandramohan, Principal, Dr PV Mohanram, Secretary, Dr M.I. Abdul Aleem, Professor and Head, Dept. of Civil Engineering, Dr. P. Perumal, Professor of Civil Engineering during the Third International Conference on Digital Technologies for Design, Construction, and Management in Civil Engineering (DigiTeC 2021)



Dr Krishna Kanth Pulicherla, Scientist, TDT Division, Dept. of Science and Technology, Ministry of Science and Technology, Govt. of India delivering the inaugural address during the Third International Conference on Digital Technologies for Design, Construction, and Management in Civil Engineering (DigiTeC 2021)

Webinar on “Fluid Power – An Ocean of Opportunities – Approach”

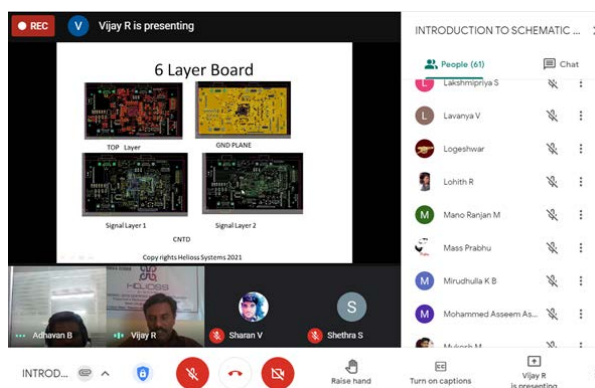
A webinar on ‘Fluid Power – An Ocean of Opportunities - Approach’ was organized jointly by FPSI Coimbatore Chapter and Department of Mechanical Engineering as a part of FPSI Students’ chapter – PSG iTech on 22nd April 2021. Around 100 participants (fluid power professionals, students and faculty) from various colleges participated in the live webinar. The workshop provided an overview of utilization of fluid power in various industries and the opportunities available for young engineers.



Webinar on ‘Fluid Power – An Ocean of Opportunities - Approach’ was held on 22nd April 2021

Guest Lecture on “Introduction to Schematic Diagram, Simulation, and PCB Layout of Electrical and Electronic Circuits”

The Department of EEE, in association with the ISTE Students’ Chapter (PSGiTech), jointly organized a guest lecture on “Introduction to Schematic Diagram, Simulation and PCB Layout of Electrical and Electronic Circuits” on 23rd April 2021 for the first year EEE students. Mr.R.Vijayanarayana, Joint Director, Helioss Systems, Coimbatore served as the resource person and explained the requirements of PCB, types of PCB, design steps involved and basic guidelines for PCB designing. Also, he explained about the KiCad, an open-source software that can be downloaded freely and used for PCB designing. He also explained the schematic diagram, simulation using PSPICE tool box of KiCad software for an RC network and developed the PCB layout of the same. The multi-layer PCB design and differences in PCB design for leaded components and SMD components were explicated by the resource person. Sixty one participants got benefited by attending the guest lecture.



Mr. R. Vijayanarayana, Joint Director, Helioss Systems, Coimbatore, delivering the guest lecture on “Introduction to Schematic Diagram, Simulation and PCB Layout of Electrical and Electronic Circuits”

One-week Virtual Training Programme on “MATLAB & SIMULINK for Engineers: An Interdisciplinary Approach”

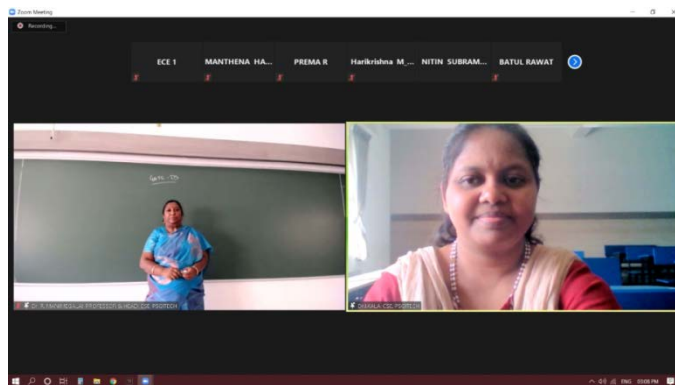
A one-week virtual training programme on “MATLAB & SIMULINK for Engineers: An Interdisciplinary Approach” was jointly organized by the Departments of Mechanical and EEE from 26th April to 1st May 2021. Mr.M.Senthilvel, Asst. Professor of Mech and Mr S Ravikrishna, Asst. Professor of EEE organized the event. Around thirty eight students from various colleges including IIT Madras and faculty members participated in the online workshop. This workshop offered insights on using MATLAB & SIMULINK platform for electro-mechanical engineering applications. Participants were exposed to several interesting real-time projects throughout the course.

Virtual training programme on “MATLAB & SIMULINK for Engineers: An Interdisciplinary Approach”

Talk on “Cracking GATE Exam - Data Structures”

The Department of Computer Science and Engineering, in association with the Institution of Engineers (India) PSGI Students’ Chapter, organized a talk on “Cracking GATE Exam - Data Structures” on 6th May 2021. The Speaker, Dr R Manimegalai, Professor and Head, Department of CSE, PSG iTech, addressed the participants by highlighting the best tips for GATE preparation (CS), dealt with the approaches to solve GATE Questions, recollected some specific fundamental concepts in Data Structures, and discussed the previous year GATE questions. About 127 external and internal students as well as faculty members have participated in the session. The event was conducted using Zoom online and the registration and feedback was collected through Google Form. The takeaways from the talk are as follows:

- Best Tips for GATE
- CS Paper Analysis (2013-2020)
- Data structures (2013-2020)
- Recommended Text Books
- Recommended Websites
- How to solve GATE Questions?
- List
- Queue
- Stack
- Tree
- Graph



A talk on “Cracking GATE Exam - Data Structures” held on 6th May 2021

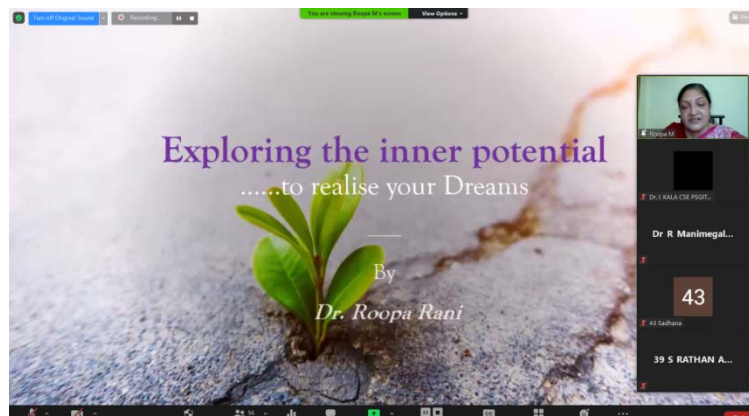
Lecture on “Cracking GATE Exam Design and Analysis of Algorithms”

A lecture on “Cracking GATE Exam Design and Analysis of Algorithms” was organized on 13th May 2021, in association with the Institution of Engineers (India) PSGI Students’ Chapter. The resource person was Mr.C.P.Shabariram, Assistant Professor, Department of CSE, PSG iTech, Coimbatore who has scored 92.8, 87.5, 86.8 percentile in consecutive GATE Exams. During the talk, he addressed the participants by highlighting the best tips for GATE preparation (CS), approaches to solve GATE questions, recollected some specific fundamentals in Design and analysis of algorithms, and discussed the previous year GATE questions. About 101 external and internal students as well as other members participated and raised many doubts and got clarified by the speaker.

Virtual Workshop on “Exploring the Inner Potential to Realize Your Dreams”

The Department of Computer Science and Engineering organized a virtual workshop on “Exploring the Inner Potential to Realize Your Dreams” on 18th May 2021, in association with the Institution of Engineers (India) PSGI Students’ Chapter. Dr Roopa Rani, Visiting Professor, PSG College of Technology, Coimbatore addressed the participants by highlighting the inner potential to realize your dream, set a goal or a vision and work towards the goal, and know the essentials to achieve a goal. About 59 first year students participated. The workshop has received very good response and feedback from the participants. The takeaways from the workshop are as follows:

- Identify your strength
- Identify your weakness and overcome it
- Have a goal or vision
- Split into small goals
- Proper planning and preparation
- Making a schedule and staying motivated
- Self discipline not to get distracted
- Practice is essential
- Don’t give up
- Set up a deadline
- Work towards goal
- Ways to measure progress
- Have a mentor who motivates you



A virtual workshop on “Exploring the Inner Potential to realize your Dreams” held on 18th May 2021

Five-day Virtual Workshop on “Cracking GATE Exam - CSE Courses”

The Department of Computer Science and Engineering organized a five-day virtual workshop on “Cracking GATE Exam - CSE Courses” held during 20th - 26th May 2021, in association with the Institution of Engineers (India) PSGI Students’ Chapter. The following speakers addressed the participants: 1. Dr R Manimegalai, Professor and Head, Department of CSE, PSG iTech on Data Structures (20th May 2021); 2. Dr I Kala, Associate Professor of CSE on Computer Networks (21st May 2021); 3. Dr S Bhuvana, Associate Professor of CSE on Database Management System (24th May 2021); 4. Mrs. G. Niranjani, Assistant Professor of CSE on Theory of Computation (25th May 2021) and 5. Dr A C Sumathi, Assistant Professor of CSE on Computer Architecture (26th May 2021). Best tips on GATE preparation (CS), approaches to solve GATE Questions, fundamental concepts in CSE courses, previous year GATE questions were discussed with the participants. About 297 external and internal students as well as faculty members participated and clarified their doubts.

PSG Institute of Technology and Applied Research
Neelambur, Coimbatore – 641062
Department of Computer Science and Engineering
in association with
The Institution of Engineers (India) PSGI Students' Chapter
organize
Five Days Virtual Workshop
on
“Cracking GATE Exam - CSE Courses”

Data Structures 20.5.2021	Computer Networks 21.5.2021	DBMS 24.5.2021	Theory of Computation 25.5.2021	Computer Architecture 26.5.2021
 Dr R Manimegalai Professor & HoD/CSE PSGITech	 Dr I Kala Associate Professor/CSE PSGITech	 Dr S Bhuvana Associate Professor/CSE PSGITech	 Ms G Niranjani Assistant Professor (Senior Grade), PSGITech	 Dr A C Sumathi Assistant Professor (Selection Grade), PSGITech

zoom link
<https://zoom.us/j/94056203657>

whatsapp link
<https://chat.whatsapp.com/BQVZH2CL5bIA1IPMND2V3t>

Who can attend:
* Faculty members
* Students of B.E/B.Tech(CSE, IT, ECE and EEE)

Convenor
Dr R Manimegalai, Professor & HoD/CSE

Coordinator
Dr I Kala, Associate Professor/CSE
+91 9944472323 | kala@psgitech.ac.in

Dates
20-26 May 2021
(except Saturday and Sunday)

Time
05:00pm - 07:00pm

E-Certificate will be provided

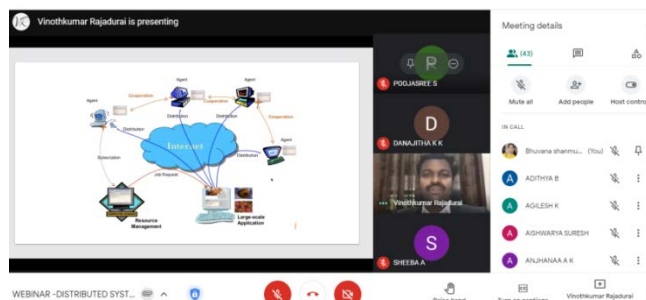
Register here

Google Form Registration URL
<https://forms.gle/BFxmBQCMmGEZz5V9>

Invitation on “Cracking GATE Exam – CSE Courses” held during 20th – 26th May 2021

Webinar on “Distributed Computing in the world of Big Data”

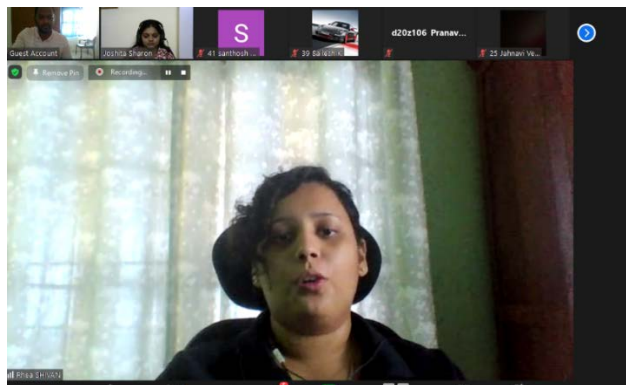
The Department of Computer Science and Engineering, PSG iTech, conducted a webinar on “Distributed Computing in the world of Big Data”, in association with Computer Society of India (CSI) on 21st May 2021. Totally 50 students from III Year CSE participated in the webinar. The session was facilitated by Mr.Vinothkumar Rajadurai, Manager, Software Engineering, Gartner Inc, Bangalore. He briefed about the various applications such as NETFLIX, Google etc in the field of Distributed Systems. He offered insights on how distributed computation simplifies the complexity in processing of Big Data. He has demonstrated the application of distributed computation with Gartner Skill Extraction process using SPARK tool. Students interacted with the resource person in connection with the Distributed Computation tools and got clarified.



Mr.Vinothkumar Rajadurai, Manager, Software Engineering, Gartner Inc, Bangalore explored the distributed system concepts in real world scenarios during the webinar

Study Opportunities and Scholarships in France

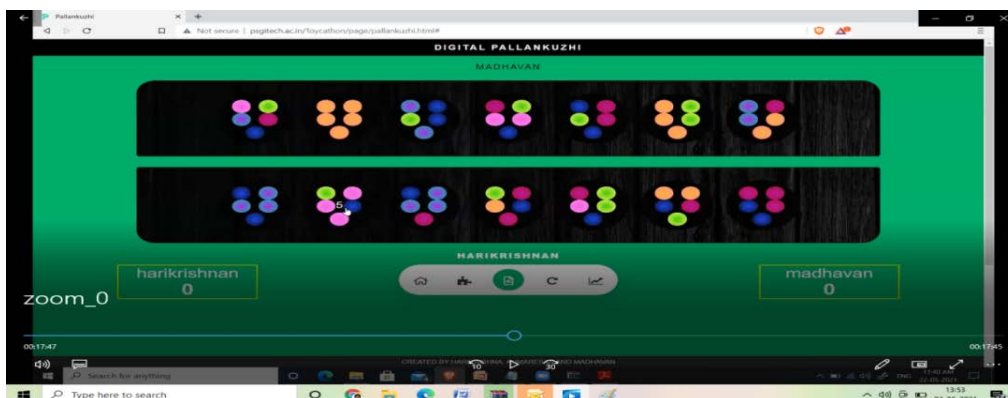
PSG Institute of Technology and Applied Research, in collaboration with Campus France, Chennai and Alliance France, Coimbatore organized a session on “Study and Scholarship Opportunities in France” for the students on 20th May 2021. Ms. Rhea Cheryll Shivan, Manager, Campus France, Chennai and Ms. Joshita, Alliance France, Coimbatore addressed the students on various opportunities in higher education, scholarships available for the course, and job opportunities in France. During the talk, Ms. Rhea explained the historical and cultural background of France and the bilateral relationship between India and France. Later, Ms. Joshita elaborated on the various courses available at Alliance France, Coimbatore and briefed about the scopes of learning French. Mr.Pranav Kiran, Student of First Year B.E. CSE, proposed the vote of thanks. Mr N Sethunarayanan, Assistant Professor (Sr. Gr), Department of English coordinated the session.



Ms. Rhea Cheryll Shivan, Manager, Campus France, Chennai addressing the participants on “Study Opportunities in France” on 20th May 2021

Webinar on “Digital Pallanguzhi using Circular Linked List”

A webinar on “Digital Pallanguzhi using Circular Linked List” was organized on 22nd May 2021 as a part of Coder Series for the benefit of students. Mr. M Harikrishna and Mr. B Madhavan (III B.E. CSE Students), PSG iTech, elaborated on the idea of Pallankuzhi, which was aimed to promote local traditional games that are underrated. The transformation of the project using C++, to a website was explained. They did a code walkthrough C++ code on how the pointers were used to implement the game. Also, ways and means of submission of project in national level Hackathon named Toycathon was briefed. Totally, 59 students have attended the webinar.



Webinar on “Digital Pallanguzhi using Circular Linked List” held on 22nd May 2021

Webinar on “Building Micro Services on Azure Services Fabric”

The Department of Computer Science and Engineering conducted a webinar on “Building Micro-Services on Azure Services Fabric” on 22nd May 2021. A total of 35 participants including students and faculty members participated in the webinar. Ms. Sritharini Radhakrishnan, Backend Developer, Integration Wizards, Bangalore, was the resource person for the session. Mr.S.Thivaharan, Assistant Professor (Sl. Gr), Dept. of CSE, PSGiTech, coordinated the webinar. Ms. Sritharini, Alumna of PSGiTech, made a demonstration on Azure platform. Later, some reference materials and web links were shared with the participants.



Screenshot of the webinar on “Building Micro-Services on Azure Services Fabric” held on 22nd May 2021

Online Special Lecture on “5G Open Source is the Future”

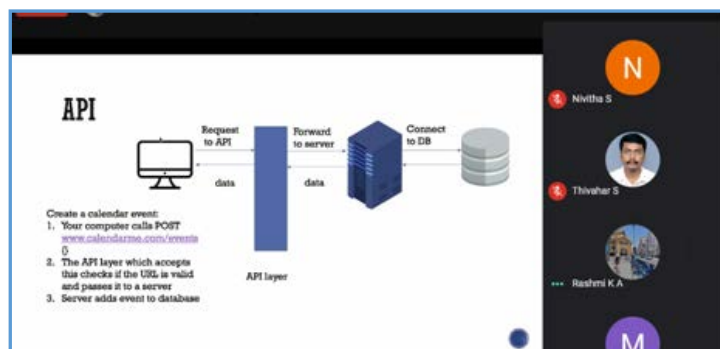
The Department of Electronics and Communication Engineering, in association with ISTE Students' Chapter, organized an online guest lecture on “5G Open Source is the Future” on 22nd May 2021. Dr.P.Vetrivelan, Associate Professor and Head, Dept. of ECE, welcomed the gathering. Mr. Ramkumar, Technical Specialist, Mobile Network Division, Nokia Networks, Bangalore, shared his insights on the topic. Around 50 students of III B.E ECE and 7 Faculty members attended the session. The speaker spoke about the need for 5G communication systems. Further, he elaborated on different 5G /new radio use cases, the 5G spectrum and the 5G architectures. He also highlighted the speciality of 5G in implementation aspects (i.e., the open source software), when compared to the previous standards. The speaker ended the session by sharing his experience on acquiring a career in networking domain. Overall, the session was very informative and the students were offered a bird's eye view of different aspects of 5G and the open source components available for developing 5G systems. The session was coordinated by Dr. P. Reba, Associate Professor and Ms. N. Susithra, Assistant Professor, Department of ECE.



Mr. Ramkumar, Nokia Systems explaining the need and scope of 5G during the lecture held on 22nd May 2021

Webinar on “Server-Less Computing: A New Way of Cloud Computing”

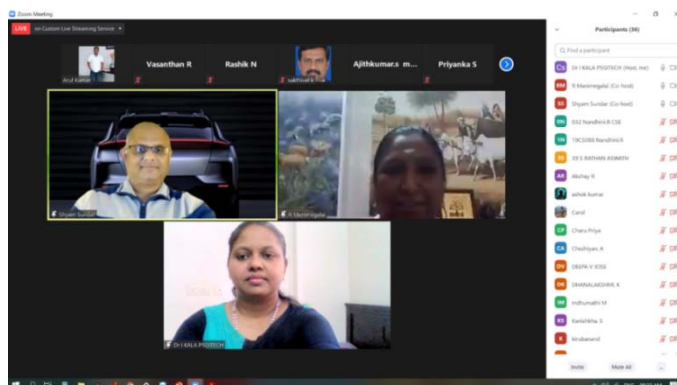
The Department of Computer Science and Engineering conducted a webinar on “Server-less computing: A New Way of Cloud Computing” on 29th May 2021. Twenty eight participants, including students from various disciplines and faculty members, attended the session. Ms. K A Rashmi, Software Developer, Intuit Inc, Bangalore, served as the resource person for the event. Mr.S.Thivaharan, Assistant Professor (Sl. Gr), Dept. of CSE, coordinated the session. The session focused on discussing the fundamentals of the server less kubernetes and imparting the germination of cloud computing as a platform free setup.



Webinar on “Server-less computing: A new way of cloud computing” held on 29th May 2021

International Webinar on “Autonomous Vehicles: Past and Present”

An international-level webinar on “Autonomous Vehicles: Past and Present” was organized on 5th June 2021, in association with the Institution of Engineers (India) PSGI Students’ Chapter. The Speaker, Mr Shyam Sundar, Head – Product Management, Faraday Future, San Diego, USA offered a detailed introduction to autonomous vehicle for the participants. Around 580 students and faculty (300 in zoom + 280 in YouTube) participated in the session.



**Mr Shyam Sundar, Head – Product Management, Faraday Future, San Diego, USA
addressing the participants on 5th June 2021 during the webinar**

Webinar on “Physical Design and its role in Semiconductor Industry”

The Department of Electronics and Communication Engineering, in association with IETE Students’ Chapter, organized a webinar on “Physical Design and its role in Semiconductor Industry” on 10th June 2021. Dr.P.Vetrivelan, Associate Professor and Head, Department of ECE, welcomed the gathering. Dr.M.Jayasanthi, Associate Professor of ECE, introduced the resource person Mr. Samuel Jigme Harrison, Senior Digital IC design Engineer, ST Micro-electronics Asia Pacific Pvt. Ltd., Singapore. Around 50 participants comprising students of II and III Year B.E. ECE and members of faculty attended the session.

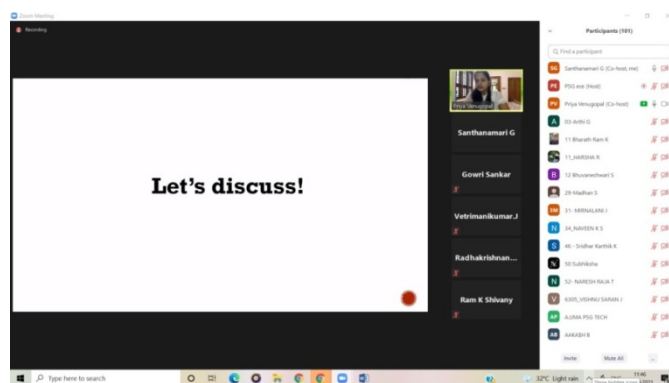
The speaker explained the importance of physical design in VLSI systems and provided an extensive description of the steps involved in physical design process like placement, routing etc. Various online courses, certificate courses available to learn IC design, and implementation were highlighted to the participants. In addition, the speaker discussed the different roles of engineers in VLSI industry and opportunities and internships that are currently available for them. It was an enlightening session and students were motivated by the resource person. Ms. A.K Kowsalyadevi, Assistant Professor, Department of ECE, proposed the vote of thanks.

Webinar on “Power - Aware IC Design”

The Department of Electronics and Communication Engineering, in association with ISTE Students' Chapter, PSG iTech, organized a webinar on the topic “Power – Aware IC Design” on 12th June 2021. The resource person was Dr Priya Venugopal, Principal Engineer, Design Enablement Advance Circuit Design (ACD) – BLR Global Foundries, Bengaluru. More than 100 participants including faculty members and students from different institutions attended and benefitted from the webinar. The webinar was coordinated by Dr G Santhanamari, Associate Professor and Ms. M Deepa, Assistant Professor (Sl.Gr.), Department of ECE.

Dr. Priya discussed the integrated circuits (IC) in brief and elaborated on the need for integrated circuits. Then, she explained the basic terminologies related to IC design namely technology node, technology scaling, and difference between analog and digital ICs and the process of IC fabrication. Further, she explained in detail about the need for reducing the channel length of a transistor in order to accommodate more transistors in an IC. She stated that the ICs are applied in other fields like computers, automobiles, defense, medical equipments, wearable devices, air coolers, washing machines, smart watches and so on. She explained in detail about Power – Aware IC design, which includes operating an IC on a low power budget, with a goal to operate on the minimum possible power profile.

She also elaborated on the need for power – aware IC design as it provides prolonged battery life, reduced charging cycles, cost efficiency, lesser heat dissipation among many other reasons. Then, she explained one such application using a case study on the design of a Wearable Cardiac Activity Monitor IC. The modules inside the Cardiac Activity Monitor were sensors, signal acquisition circuits, signal conditioners, memory, controller and transceiver module. The system could be designed to operate in sleep mode, active mode and transmission mode for power awareness. Finally, she ended the session by giving some insights on career in IC Designing and spoke in brief about the research happening worldwide in the area of semiconductor devices, circuit design and design verification.

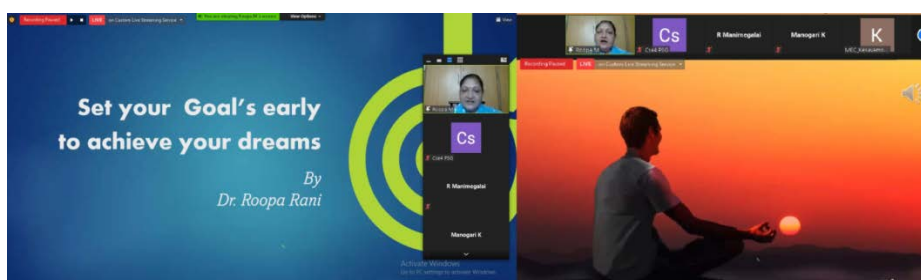


Webinar on “Power - Aware IC Design” held on 12th June 2021

Three-day webinar on “Career Guidance and Counseling”

Day 1: Set Your Goals Early to Achieve Your Dreams

The three-day webinar on Career Guidance and Counselling was held during 09th – 11th June 2021. The first day session started on the topic “Set Your Goals to Achieve Your Dreams” by Dr M Roopa Rani, Visiting Professor, PSG College of Technology, Coimbatore. The resource person enlightened about the personal and professional goals and the ways to convert goals into SMART goals. She quoted from the real life examples of Dr.A.P.J. Abdul Kalam, Mr.Arnold and her own experiences to have the perseverance to achieve their goals. She also emphasized the “Breath Watch” and Visualization technique with a live demo. Around 157 participants attended the session.



Day 1 Session on Set Your Goals to Achieve Your Dreams by Dr M Roopa Rani, Visiting Professor, PSG College of Technology, Coimbatore

Day 2: Entrepreneurial Motivation, Skills and Behavioral Training

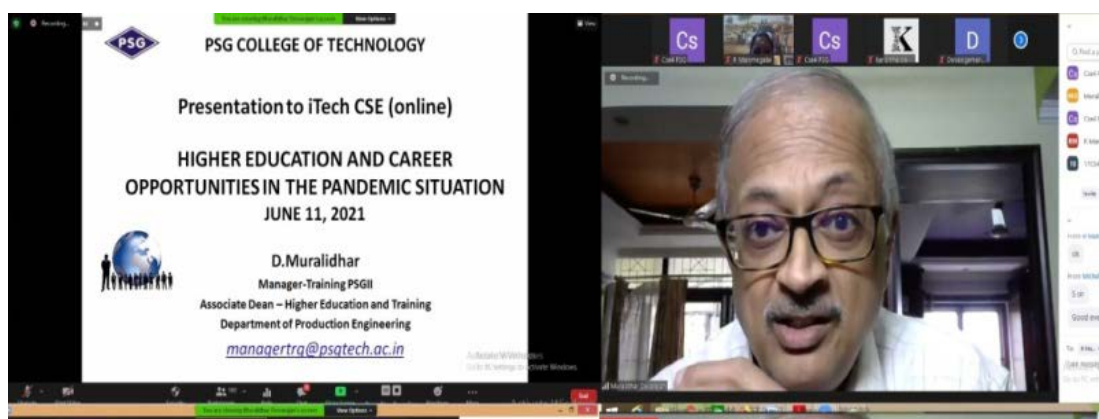
In the second-day session on “Entrepreneurial Motivation, Skills and Behavioral Training”, Prof Dr. R Ganesan, Founder & Chairman, National Federation for Entrepreneurship Development, outlined the necessity of self-motivation and skill sets required to become an entrepreneur. He shared the sources for entrepreneurial motivation and the ways of achieving it. The resource person also briefed about the self-management through the dimensions such as physical, emotional, psychological and spiritual factors. He enlisted the core entrepreneurial skills such as Internal Locus of Control, Attentiveness, Reinforcement, Information Congregation, Super Competence and Ethicality. Around 122 participants have attended the session.



KVJ Prof Dr R Ganesan, Founder & Chairman, National Federation for Entrepreneurship Development, Coimbatore delivered a talk on “Entrepreneurial Motivation, Skills and Behavioral Training”

Day 3 – Higher Education Opportunities during Pandemic Situation

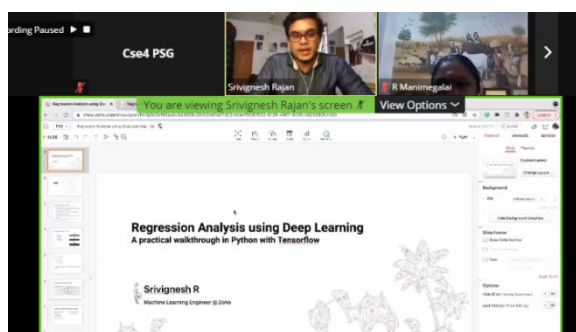
In the third-day session on “Higher Education Opportunities during Pandemic Situation”, Prof D Muralidhar, Manager – Training, PSG College of Technology discussed the various higher education opportunities across the globe. The resource person listed the available benefits for the students to have overseas education at PSG College of Technology. Also, he explained how globalization has offered various opportunities for professional development. Later, he encouraged the students to convert their knowledge into research papers and publish in the reputed journals. Around 127 participants attended the session.



Prof D Muralidhar, Manager – Training, PSG College of Technology, Coimbatore delivered a talk on “Higher Education Opportunities during Pandemic Situation”

Webinar on “Regression Analysis using Deep Learning –A Practical Walkthrough in Python using Tensorflow”

The Department of Computer Science and Engineering, PSG iTech, in association with the Computer Society of India (CSI), conducted a webinar on “Regression Analysis using Deep Learning - A Practical Walk through in Python using Tensor Flow” on 12th June 2021. The session was facilitated by Mr. Srivignesh Rajan, Machine Learning Engineer, Zoho Corporation, Chennai. He briefed about the basic concepts in Machine learning and explained the essential steps to be followed in Machine Learning. Also, he explored various concepts with real-time examples. He demonstrated the house-rate prediction using California Dataset using Google Colab with Scikit and TensorFlow. Around 263 Participants have actively participated in the webinar and got benefitted.



Resource Person Mr.Srivignesh , Machine Learning Engineer, Zoho briefed about the basic concepts in Machine Learning

Workshop on “PLC Programming”

The Department of Electrical and Electronics Engineering organized a two-day online workshop on “PLC Programming” for students, faculty members and industry personnel. The training program was conducted from 12th June 2021 to 13th June 2021. The training on simulation was conducted using Zelio software from Schneider Electric. The participants were taught the basics of electrical control circuit using contactors and push buttons, and programming PLC using ladder logic diagram and functional block diagram, in addition to the fundamentals of automation, and development of control logic for different industrial scenarios using PLC.

Arcesium Interview – The In and Out

The Department of Computer Science and Engineering, in collaboration with Computer Society of India (CSI), organized a session on ‘Arcesium Interview – The In and Out’ on 17th June 2021 for the students of III Year B.E. CSE, ECE and EEE. Totally, fifty six students preparing for placements participated in the event. The session was conducted by Mr. Amal Matty Antony (Senior Software Engineer, Arcesium), Mr.K.R.Vinuramanan (Software Engineer, Arcesium) and Mr.D. Balasiddharth, Final Year Student who got placed in Arcesium. Mr. Amal Matty Antony and Mr. K.R. Vinuramanan are (2015 - 2019 Batch) alumni of PSG iTech. During the session, Mr.Amal shared some productive tips. Mr.K.R.Vinuramanan and Mr. D. Balasiddharth shared some interesting and informative points, which greatly inspired the pre-final year students. Also, they shared their interview experiences, placement preparation tips and the layout of the Arcesium placement process starting from preliminary round to final HR rounds. Doubts raised by the participants were clarified at the end of the session. Finally, Mr.Shabariram C.P, Assistant Professor (Sr. Gr.), Dept. of CSE, proposed the vote of thanks.

Annual Day - Daksha: -2021

PSG Institute of Technology and Applied Research (PSG iTech) celebrated its 7th Annual Day virtually on 16th June 2021 (Wednesday). Shri. Raman Venkat, Chief Executive Officer and Chief Financial Officer, LeFiell Manufacturing Company, U.S.A delivered the Chief Guest Address. Dr.M.I.Abdul Aleem, Professor and Head, Dept. of Civil Engineering welcomed the gathering. Dr.G.Chandramohan, Principal, presented the Annual Report (2020-2021).

During his presentation, various achievements made by the students and faculty members in academics, research, and sports were highlighted and appreciated. In his presidential address, Shri.L.Gopalakrishnan, Managing Trustee, PSG & Sons’ Charities, congratulated the students and faculty for the significant achievements made during the previous academic year. During the felicitation speech, Dr PV Mohanram, Secretary, congratulated the Principal for his colourful presentation of Annual Report 2020-2021 and appreciated all the award winners, who invested their relentless efforts and their parents for their unstinted support.

Shri. Raman Venkat, Chief Financial Officer, LeFiell Manufacturing Company, U.S.A delivered the Chief Guest address. The fascinating story behind the formation of PSG & Sons’ Charities was reminisced along with its noble vision for society. Various competencies and characteristics, which are important for one to become a successful professional in life, were shared with the participants as outlined below:

People Skills:

Participants were requested to feel happy and at ease, and establish some personal touch with every individuals, which will be useful during the interactions. It was pointed out that students need to be compassionate with their team members. They were told to understand the science behind the body language and response of people from different cultures for effective interaction with them. Also, they should welcome different approaches of people from different cultural background, which plays a pivotal element to success.

Communication Skills:

While explaining the role of communication skills, participants were urged to slow down, listen to the other person, and formulate their ideas to speak. The speaker emphasized that one to one setting during dialogues will be effective in reaching out to the customer. Students can be given practice on effective presentation skills and public speaking skills, which will help them to learn to express themselves clearly without an element of fear. Also, they were advised to welcome diversity of thoughts from their team members.

Risk Management:

Students were advised to be prepared for real-life situations, where uncertainty is the order. They have to train themselves in understanding their grey areas in business life in order to flourish. Further, they must make appropriate assumptions and provide their customers, feasible solutions rather than asking several questions. Such an approach will enable the customer to be at ease and maximise the customer management.

Networking Skills:

The speaker quoted that networking is about planting and nourishing relationships. Students were advised to develop interest in typical areas like sports, nature, and music etc. outside their technical domain, which will help them to bring fresh perspectives and facilitate smooth interactions during meetings. He urged the students to listen to the interviews of experts in their desired field. It will benefit immensely to understand their visions and experiences. In addition, he stressed that attending internships in industries, will get a practical feel of industries.

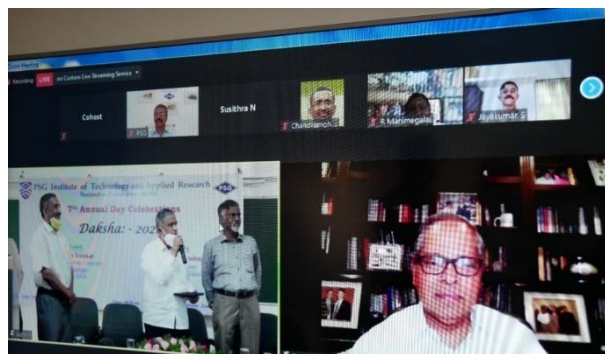
Lifelong Learning:

Participants were appealed to learn and build new knowledge's in multi-disciplinary fields like management, finance, language, sports and literature. Lastly, he thanked the management, faculty, and students and wished success in all the endeavours. PSG Venkataswamy Naidu Memorial Awards for the Best Outgoing Student were given to Mr S Palani Karthick (B.E. Mechanical Engineering) and Ms. S Roshini Naveen (B.E. ECE). Also, department-wise Best Outgoing Student awards were presented.

Finally, Dr P.Vetrivelan, Dean (Students' Union) recapitulated some of the significant points shared during the session and proposed the vote of thanks. The iTech Music Club, Dance Club, Tamil Mandram, Drawing and Painting Club collaboratively organised the cultural events.



On behalf of the management, a memento was presented to Shri. Raman Venkat, CEO and CFO, Lefiell Manufacturing Company, U.S.A. Dr.G.Chandramohan, Principal receiving the memento in his absentia from Dr P.V.Mohanram, Secretary.



Shri. Raman Venkat, Chief Executive Officer and Chief Financial Officer, LeFiell Manufacturing Company, U.S.A is addressing the participants during the 7th Annual Day Celebrations on 16th June 2021

Personal Development and Secrets to Self-Motivation

A webinar on “Personal Development and Secrets to Self-Motivation” was organized jointly by the Department of ECE in association with ISTE & Wellness Centre of PSG iTech. The webinar was conducted on 17th June 2021. Around 50 participants including the first year ECE students have participated along with 4 faculty members and benefited through the webinar. Ms. Usha Nandhini Mahalingam, Application Development Senior Analyst, Accenture Solutions Pvt. Ltd., Bangalore, served as the resource person and delivered the keynote address.

The key points discussed:

- Techniques for self-development
- Tips to manage time
- Ways to motivate oneself
- Categories of motivation
- Activities to develop the personality

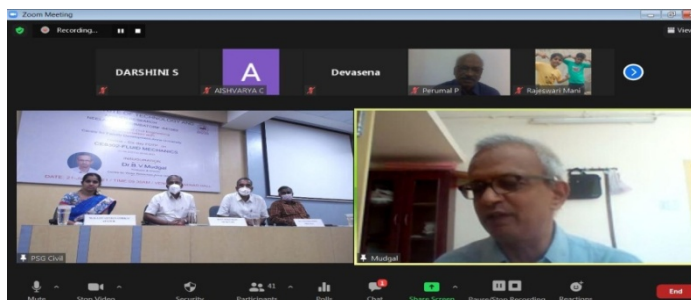
Mr.D.Venkatesh, Assistant Professor [Sr.Gr] and Ms.M.Sowmiya, Assistant Professor, Dept. of ECE coordinated the session.

Online Six-day FDTP on Fluid Mechanics

The Department of Civil Engineering (PSG iTech) in association with the Centre for Faculty Development, Anna University, Chennai, organized an online six-day Faculty Development Training Programme (FDTP) on “CE8302-Fluid Mechanics” from 21st June 2021 to 26th June 2021. Dr. G. Chandramohan, Principal, delivered the welcome address. Several key aspects of fluid Mechanics were highlighted in his talk. Dr P V Mohanram, Secretary, delivered the presidential address and spoke about the importance of hands-on training in the laboratory.



Dignitaries on the dais during inauguration (from the left to right) Ms. K.Govathanambikai, Dept. of Civil Engineering, Dr. PV Mohanram, Secretary, PSG iTech, Dr. G.Chandramohan, Principal, PSG iTech and Dr. M.I. Abdul Aleem, Prof. and Head, Dept. of Civil Engineering



Dr. B.V.Mudgal, Professor & Director, Centre for Water Resources, College of Engineering, Guindy delivering the inaugural address

Dr.B.V.Mudgal, Professor and Director, Centre for Water Resources, College of Engineering, Guindy delivered his inaugural address on “Introduction to Fluid Properties”. In his address, he elaborated on the importance of Fluid Mechanics for Civil and Mechanical Engineers. The basic terms and fundamental concepts were discussed during his speech. He also explained in detail about the fluid properties. Participants actively interacted with the resource person and clarified their doubts at the end of the session. In the second session, Dr.G.L.Sathyamoorthy, Professor of Civil Engineering, Kumaraguru College of Technology, delivered a lecture on “Pressure Measurement” and highlighted the importance of pressure measurement in field application. In the third session, Dr.M.Kaarthik, Assistant Professor, Department of Civil Engineering, Coimbatore Institute of Technology, delivered a talk on “Buoyancy and Floatation”.

On the second day, Dr. N.Ramsundram, Associate Professor, Department of Civil Engineering, Kumaraguru College of Technology, delivered a talk on “Hydrostatic Forces on Surfaces”. In the second session, Dr. Subashisa Dutta, Professor, Department of Civil Engineering, IIT Guwahati delivered a lecture on “Types of Flow & Continuity Equation”.

In the third session, Dr. Subashisa Dutta, Professor, Department of Civil Engineering, IIT Guwahati delivered a lecture on “Kinematics of Flow - Velocity Field and Acceleration, Velocity Potential Function & Stream Function”.

On the third day, Dr.E.Arun Babu, Assistant Professor (Sl. Gr), Centre for Water Resources, College of Engineering, Guindy, delivered a lecture on “Dynamics of flow - Equation of motion & Bernoulli's Equation”. In the second session, Dr.E.Arun Babu, delivered a lecture on “Application of Bernoulli's Equation”. Also, he explained about the experimental setup to verify the Bernoulli's Theorem. In the next session, Ms.K.Govarthanambikai, Assistant Professor, Department of Civil Engineering, PSG iTech delivered a lecture on “Linear Momentum Equation and its Application”. She highlighted the practical applications of linear momentum equations. In another session, Dr. R. Deepa, Chief Co-ordinator, PSG CARE delivered a lecture on “Emotional Intelligence”. She explained about the process of emotion generation. In her address, she highlighted the importance of emotional intelligence for the day to day well-being of humans.

On the fourth day, Dr.N.Ramsundram, Associate Professor, Department of Civil Engineering, Kumaraguru College of Technology, delivered a lecture on “Reynold's experiment - Laminar Flow Through Circular Pipe”. He explained the concepts with real-time examples and case studies. Ms.V.Vanathi, Assistant Professor, Department of Civil Engineering, PSG College of Technology, delivered a lecture on “Flow through pipes - Major and Minor Losses of Flow in Pipes”. She explained various problems on the major and minor losses in detail. Dr.G.L.Sathyamoorthy, Professor, Department of Civil Engineering, Kumaraguru College of Technology, delivered a lecture on “Pipes in Series and in Parallel”. He also highlighted the problems in the modern drainage system. In the next session, Dr.S.Senthilnathan, Professor, Department of Educational Technology, Bharathidasan University delivered a lecture on “Pedagogical Strategies for Engineering Education”. In his address, he highlighted digital learning techno pedagogical and OER perspectives.

On the fifth day, Mr.A.Rajkumar, Assistant Professor, Department of Civil Engineering, PSG College of Technology, delivered a lecture on “Dimensional Analysis”. In another session, he spoke about the model analysis. In his address he discussed the various real time problems and solutions.

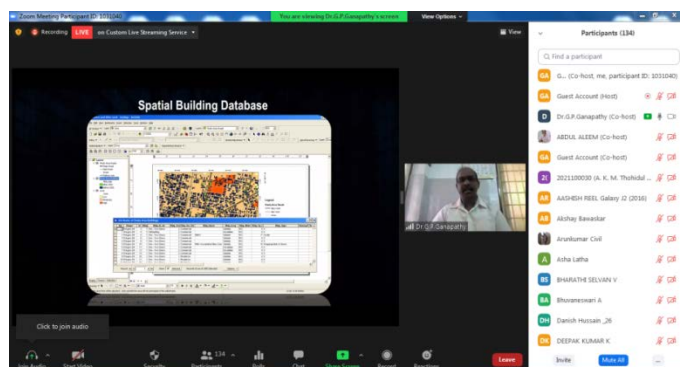
In the third session, Dr.R.Manjula, Assistant Professor, Department of Civil Engineering, NIT Trichy delivered a lecture on “Introduction to Boundary Layer & its Thickness”. Ms.K.Govarthanambikai Assistant Professor, Department of Civil Engineering, PSG iTech delivered a lecture on “Momentum Integral Equation & Boundary Layer Separation and Control”. In her address, she highlighted the real time application of Momentum Integral Equation & Boundary Layer Separation and Control with examples.

On the sixth day, Ms.V.Selvapriya, Assistant Professor, Department of Civil Engineering, PSG iTech, conducted a session on Online Tutorial & Online Polls. Participants' reflections on the questions were discussed. In the next session, online quiz was conducted.

Finally, Ms. K. Govarthanambikai, Asst. Professor, Dept. of Civil Engineering, proposed the vote of thanks. Total of fifty participants from various engineering colleges affiliated to Anna University have actively participated in the FDTP and benefited. Ms.K.Govarthanambikai and Ms. V. Selvapriya, Asst. Professors, Dept. of Civil Engineering coordinated the FDTP.

Webinar Series on “Recent trends in the Concepts of Civil Engineering Projects”

The Dept. of Civil Engineering (PSG iTech) conducted a six-day webinar series on “Recent Trends in the Concepts of Civil Engineering Projects” from 7th to 12th June 2021. A total of 150 participants from various countries such as Oman, Kuwait, Philippines, and Bangladesh participated in the program. The participants comprise of members of faculty, research scholars, industry professionals, under graduate and post graduate students. The participants were exposed to recent technologies in the field of Geo-technical Engineering, Structural Engineering and Environmental Engineering. The first technical session was delivered by Dr.G.P.Ganapathy, Professor, Centre for Disaster Mitigation and Management, Vellore Institute of Technology (VIT), Vellore, India on "GIS applications in Disaster Management" on 07.06.2021.



Lecture delivered by Dr. G.P. Ganapathy, Professor , Centre for Disaster Mitigation and Management, Vellore Institute of Technology (VIT), Vellore on 07th June 2021

In the second technical session, Dr.S.Ganesh Kumar, Scientist, CSIR - Central Building Research Institute, Roorkee, India, delivered a lecture on "Ground Improvement Techniques for Liquefaction Mitigation" on 08.06.2021. In the third technical session, Er.K.S.Asaithambi, General Manager, Offshore structures, Technip India limited, Chennai delivered a lecture on "Floating LNG Offshore Structures-Design Challenges".

In the fourth technical session, Dr. Jayasree Chakkamalayath, Research Scientist, Energy and Building Research Center, Kuwait Institute for Scientific Research, Kuwait delivered a talk on "Chemical Admixtures for Sustainable Concrete Construction" on 10.06.2021. In the fifth technical session, Er.Burhanuddin Khuzema Zaveri, EIT, Design Engineer, Hayter Engineering, Texas, USA delivered a lecture on "Role of Water and Waste-water Treatment towards Sustainability". In the last technical session, Er.Boopathi.R, Chief Engineering Manager (Civil), Larsen & Toubro Limited, Chennai, explained "How to Conceptualize Effective Water Supply System Design" on 12.06.2021. At the end of every session, feedbacks were collected from all the participants. The program was coordinated by Mr S Elayaraja, Assistant Professor (Sl.Gr), Ms D Pricilla and Mr K Kavikumaran, Assistant Professors, Dept. of Civil Engineering.

Lecture on “Additive Manufacturing for Aerospace Applications in an end user Perspective”

The Dept. of Mechanical Engineering (PSG iTech), in collaboration with the Indian Society for Technical Education (ISTE) and Mechanical Dept. Association, conducted a special lecture on 21st May 2021. Dr. Alphons A. Antonysamy, who is a Principal Materials Scientist, GKN Aerospace Bristol, UK, delivered an insightful talk on “Additive Manufacturing for Aerospace Applications in an end user Perspective”.

Dr. Alphons explained in detail about the Additive Manufacturing Technology (AMT) and its wide uses in Aerospace Applications. Students from all 4 years of Mechanical Engineering attended the session, along with members of faculty in the Dept. of Mechanical Engineering. Dr. Alphons spoke about the job opportunities in the field and explained more about the 3D printing machine and various processes involved in it.

International Day of Yoga Celebrations

The Department of Physical Education (PSG iTech) and PSG College of Technology jointly celebrated the International Day of Yoga 2021 on 21st June 2021. Dr. S. Somasundaramoorthy, Director of Physical Education, PSG College of Technology, and Dr. P. V. Mohanram, Secretary, PSG iTech addressed the participants on the importance of Yoga and its life-long benefits. Dr. G. Chandramohan, Principal, PSG iTech spoke about the importance of celebrating the International Day of Yoga and Dr. K. Prakasan, Principal-in-charge, PSG College of Technology, administered the Yoga Day Pledge.

Around 100 participants consisting of both students and faculty members benefitted through the session. During the session, Mr. M. Senthilkumar, Yoga Master, demonstrated various yoga asanas and pranayama (breathing exercises). At the end of the session, Pranayamas (breathing exercises) like Bhramari Pranayama, Sitali Pranayama, Kapalbhathi Pranayama, NadiShodhan Pranayama, and Dhyana were also explained and demonstrated.

Some of the other asanas practised during the session include:

Standing Asanas

- Tadasana
- Vrksasana
- PadaHastasana
- AardhaChakrasana
- Trikonasana

Sitting Asanas

- Bhadrasana
- Vajrasana
- Ardha Ustrasana
- Ustrasana
- Sasankasana
- UttanaMandukasana
- Vakrasana

Prone Posture Asanas

- Makarasana
- Bhujangasana
- Salabhasana

Supine Posture Asanas

- SetuBandhasana
- Uttanpadasana
- ArdhaHalasana
- Pavanamuktasana
- Savasana



Mr. M.Senthilkumar, Yoga Master, demonstrating the Salabhasanas to our college staff and students during the International Day of Yoga Programme-2021



Mr. J. Harsh (IV B.E. CIVIL) performing Padma Mayurasana during International Day of Yoga (IDY) 2021

Guest Lectures delivered by faculty members:

S.No.	Name of the faculty	Venue	Topic	Date
1.	Dr. K. Balaji	Chettinad College of Engineering and Technology	Creative Thinking Vs Critical Thinking'	05.06.2021
2.	Dr P. Prabunathan	SRM University, Ramapuram campus,	Materials Perspective 365	19.06.2021
3.	Dr. M. Manoj			
4	Dr .K. Pramila	Christ the King Engineering College, Cbe	Career Planning and Implementation	08.05.2021
5	Dr.P.Chinnaraj	NGP Arts and Science college, Cbe	Human Nature and Psychology	28.05.2021

PSG CARE Programmes- Online sessions attended by faculty members:

The following faculty members have attended various programmes being organized by PSG CARE during this quarter period:

S. No.	Name of the faculty	Event Title	Organised by	Date
1	Dr S Maruthamuthu Asso. Prof/Physics	Induction Programme for Faculty - 2021	PSG CARE	30 th January to 24 th April 2021
2	Mr N Sethu Narayanan Asst. Prof(Sr.Gr)/English			
3	Dr S Bhuvana ASP/ Computer Science Engineering	One-year executive program on “Data Analytics”		May 2021 – May 2022
4	Ms V Vilasini AP(Sr.Gr)/ Computer Science Engineering			
5	Mr M Sathiya Nathan AP(Sr.Gr)/ Electrical and Electronics Engineering			
6	Dr. P.Manoj Kumar ASP/ Mechanical Engineering	Webinar on "Introduction to OpenFOAM and CFD"		3 rd May 2021
7	Mr. R Avinash Kumar AP/ Mechanical Engineering			
8	Mr C Gopalakrishnan AP/ Mechanical Engineering	Session on "Systems Approach Design & Manufacture"		4 th May to 22 nd May 2021
9	Dr. G. Latha HoD i/c & ASP / Chemistry	Interdisciplinary Research among PSG Institutions		24 th April 2021
10	Dr. K. Balaji AP/ (Sl.G) / Chemistry			
11	Dr. A. Kumaravel AP (Sl.G) / Chemistry			
12	Dr. M. Manoj AP(Sr.G) / Chemistry			
13	Dr. P. Prabunathan AP/ Chemistry			
14	Dr. D. Thangaraju AP / Physics			
15	Ms G Niranjani AP (Sr.Gr)/CSE	Internet of Things for Beginners using PTC ThingWorx – Batch 2		25 th April 2021 to 05 th May 2021
16	Mr G R Hemanth AP/EEE			
17	Dr G Santhanamari Asso. Prof/ECE			
18	Ms M Sowmiya AP/ECE			

Workshops/FDPs/Webinars/ Seminars attended by faculty members:

S.No.	Name of the faculty	Event Title	Organized by/Venue	Date
1	Mr. G. R. Hemanth	Perspectives of Teaching Power Systems	NIT-Trichy	17.05.2021 to 21.05.2021
2	Dr. M. Mohamed Iqbal			
3	Dr. M. Mohamed Iqbal	Nanomaterials for energy and environmental sustainability	Nehru Institute of Engineering and Technology, Cbe	12.06.2021
4	Mr. K. Anandhakumar	FDP on Recent Trends and Research Perspective on Energy and Power System	PSN College of Engineering and Technology	31.5.2021 to 04.06.2021
5	Dr M.Jayasanthi	Deep Learning on Computer Vision	Karpagam College of Engineering	29.6.2021 & 30.6.2021
6	Mr Venkatesh D	Next Generation Wireless Communication: 5G & Beyond	K.S. Institute of Technology , Bengaluru	03.05.2021 to 08.05.2021
7	Mr Jothibas M	Image Processing Using MATLAB	PANTECH Solutions	12.04.2021 to 16.04.2021
8	Mr A.Anand	Recent Advancement in Electronics and Communication Engineering	Dr. N. G. P. Institute of Technology, Cbe.	08.06.2021 to 12.06.2021
9	Mr A.Anand	Advancements in Optical Communication Research	A.C.Government college of Engineering & Technology Karaikudi	21.06.2021 to 25.06.2021
10	Ms A K Kowsalyadevi	Cyber Security	AICTE	09.06.2021
11	Mr Aravindhraj N	Data Visualization using Python	Pantech in association with NITK	26.06.21 to 27.06.21
12	Ms K Lakshmi Kalpana Roy	AICTE ATAL FDP on Data Science	Punjab Engineering College	07.06.2021 to 11.06.2021
13	Ms K Lakshmi Kalpana Roy	Inculcating Human Values in Technical Education	Online	28.06.2021 to 2.07.2021
14	Ms V Vilasini			
15	Dr I Kala	Six days FDTP on Cryptography and Network Security	Anna University, Chennai	14.06.2021 to 19.06.2021
16	Ms.S.Hemkiran	Recent Advances in Computer Science	Saveetha Engineering College, Chennai	18.06.2021

S.No.	Name of the faculty	Event Title	Organized by/Venue	Date
17	Mr.P.Gajendran	Online FDP: CSIR-NET Preparative Program in Mathematics	PSG College of Technology	26.04.2021 to 29.04.2021
18		Online workshop on Recent Trends in Domination and Graph Labelling	Ramanujan College, University of Delhi	27.05.2021 to 31.05.2021
19	Dr. G. Latha	Essential Chemistry for Engineers	National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh	03.05.2021 to 07.05.2021
20	Dr. K. Balaji	Recent Developments in Materials Science 21	Sree Saraswathi Thiyagaraja College, Pollachi	16.06.2021 to 22.06.2021
		International Webinar III, 2021 on “PEM fuel cells for Electric vehicles” and “Heterogeneous catalyst design for desulfurization targeting clean environment”	The American College, Madurai	28.06.2021