

IEEE MAS LINK

Vol. 17 No. 3 July - August 2020

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Chairman's Message

Greetings to all

Inspite of the continuation of this pandemic situation, Madras section has paved way for many activities, events and extensive networking opportunities.

12 webinars, 2 FDPs, 2 STPs, were organised. 5 virtual conferences technically co-sponsored by IEEE Madras Section were successfully completed, in addition society chapters and affinity groups also organised good number of activities. R10 SAC sponsored membership development and leadership training - leadership insight program 2020 was successfully organised recently with positive feedback.

We have revised conference application norms, which is been published in this news letter issue. 33 student branches received the operation fund from the headquarters, among them SSN College of Engineering received the maximum funding. New student branch at NIT Puducherry is been approved by the headquarters. VIT got the approval for 'photonics' student branch chapter. Jeyppiyar engineering college got the approval for 'photonics' and 'signal processing' student branch chapters.

The Section Congress 2020 recommendation was held virtually and the top 3 recommendations were selected based on the voting. The SYWL Congress 2020 will be held virtually from 19th September to 4th October. Few members from WIE, YP, SAC and life members affinity group were nominated by the section to attend the above congress. Panimalar Institute of Technology received the best student branch award from R10, our Madras Section congratulates them for their achievement.

I had the opportunity to attend the WCCI 2020 which was held virtually for the first time with numerous plenary, keynote and workshop sessions, around 2000 papers were presented. Many competition were also held with an aim to get connected with each other.

Future plans of Madras Section :

1. Planned to organise R10 sponsored POCO 2020.
2. The student branch chairman and councillors meet is planned in the coming month.
3. Our section has got the approval from the headquarters to organise international flagship conference IEEE MASCON in the coming year. I request all of your support for its successful happening.

I kindly request you to exercise your voting rights without fail for IEEE Headquarters election. Let's make sure Madras section has the maximum voting percentage.

Stay safe stay well.



Dr. N. Kumarappan M.E., Ph.D.,
Chairman, IEEE Madras Section

Message from Editor

I am happy to bring forth the third issue of IEEE MAS LINK, the Newsletter of IEEE Madras Section.

Admst the given pandamic situation and changes in the office operation modalities, it is happy to note the enthusiasm and interest of colleges in organising events for the benefit of member community.



I wish all the active volunteers a great success.

Regards,

Dr. S. Joseph Gladwin M.E., Ph.D.,
Associate Professor, ECE Department, SSN College of Engineering
Treasurer and Editor – IEEE MAS Newsletter, IEEE Madras Section.



Student branch activities

Chennai Institute of Technology, Chennai

“IEEE SB Inauguration”

Inauguration of the IEEE CIT SB was held on 20th July 2020 in the presence of Dr. P. Partheeban, Principal, CIT, Dr. A. Ramesh, Dean, CIT, the chief guest Dr. N Kumarappan, IEEE Madras Section Chairman & Professor of EEE, Annamalai University, Chidambaram, Dr. J. Vishnupriyan, IEEE councilor, CIT, and Two IEEE student members. The IEEE CIT Chair Mr. Aswathaman M, Chair and Dr. J. Vishnupriyan, councilor coordinated the event and helped in making the event a grant success. Dr. N Kumarappan Inaugrated & congratulated CIT IEEE SB team for their successful attempt to establish an IEEE SB and wished them the best for the further events.



He briefed about various benefits of technical seminar to the students in their research work and projects. He shared his own experience in the IEEE and motivated the audience. He also discussed the mission and vision of IEEE society. He told that IEEE society sponsors more than 200 technical conferences and events every year. He told student benefits and exposed the student resources available at platform of IEEE. He said that in addition to conferences and publishing, the IEEE society is a leader in professional education and training, and has forced development and provide partnerships with major institutions and corporations internationally. And finally, the vote of thanks is proposed by Ms. Dhanushyalashmi, IEEE member, CIT.

Hindusthan Institute of Technology, Coimbatore

“Webinar on Next Gen Mobile Automation Platform –Test Project”

ECE dept. & IEEE SB organized one day Webinar on “Next Gen Mobile Automation Platform –Test Project” on 13.7.2020 for the ECE department of UG students and PG students. The resource person was Ms. Sailaja Banu A, QA Consultant, Novemarkets Inc., Chennai. A total of more than 60 students attended this webinar and gained their knowledge in Next Gen Mobile Automation Platform.



“Webinar on Biomolecule Functionalised Scaffolds for Meniscus Tissue Engineering”

ECE dept. & IEEE SB organized one day Webinar on “Biomolecule Functionalised Scaffolds for Meniscus Tissue Engineering” on 14.7.2020 for the all the department of UG students and PG students. The resource person is Dr. R. Selvakumar, Assistant professor in Nano Biotechnology, PSG Institute of Advanced Studies, Coimbatore. A total of more than 75 students attended this webinar and gained their knowledge in Biomolecule Functionalised Scaffolds for Meniscus Tissue Engineering.



“International conference on Electronics and Sustainable Communication Systems (ICESC 2020)”

ECE Dept. & IEEE SB organized an “International conference on Electronics and Sustainable Communication Systems (ICESC 2020)” during July 2-4, 2020 for UG, PG students, Research Scholars and Faculty members. The resource persons are Dr. Joao Manuel R. S. Tavares, Faculdade de Engenharia da Universidade do Porto, Portugal and Dr. D. Nirmal, IEEE ExeCom Member, Madras Section and IEEE ED past Chair, Associate Professor, Karunya University, Coimbatore, Tamil Nadu, India. A total of more than 190 participants attend the event and benefited.



“Webinar on Journey to Cloud”

ECE Dept. & IEEE SB organized one day Webinar on Journey to cloud on 8.8.2020 for the ECE department of UG students and PG students. The resource person is Dr. K. Sathishkumar, Solution Architect, IBM India Pvt. Ltd. A total of more than 75 students attended this webinar and gained their knowledge in Cloud computing Platform.



Report by: Dr. S. Kavitha, kavithashec@gmail.com

Jansons Institute of Technology , Coimbatore

“Webinar on IEEE as Professional Society for Growth in Career”

JIT IEEE SB organized a webinar series named unlock IEEE. Mr. Archit Goswami Vice of YP and Chair of IEEE India Council SCT, Kick started this webinar by presenting the first webinar on the topic “IEEE as Professional Society For Growth In Career” on 10th June 2020. Mr. Archit started the session by answering the most commonly asked question Why IEEE? This cleared the doubts of most of the engineering students. He gave a clear cut idea on what IEEE really is and the benefits of being an IEEE member. The most valuable benefit of IEEE the IEEE mail and the importance of the IEEE mail was the key point of his presentation. He expound the membership benefits by sharing his experience as an IEEE volunteer. The various volunteering positions in IEEE and the digital resource which are exclusively available for the IEEE members. He briefly explained the various benefits gained by an IEEE member and also mentioned the benefits of being a part of the various societies. Publishing a paper in IEEE was another main feature of his presentation. Above all as the quote says “Build Your Skills not your Resume” he mentioned how the skills developed by volunteering IEEE helped him during his placements and how he made to Airtel. He also mentioned how the volunteering experience in IEEE helped his friends at the time of placements to be placed in top companies. Mr. Archit answered the queries raised by all the participants in the YouTube Chat box. 363 participants took part in the webinar.

“Webinar on Developing a Digital Portfolio as Volunteers”

JIT IEEE SB organized a webinar series named unlock IEEE. The second webinar of this series was Developing a Digital Portfolio as Volunteers on 12 June 2020 with Ms. Mehak Azeem , Biomedical Engineer as the presenter. She started the session by clearing the most important and the common doubt of all the students that is the difference between a CV and a resume. She expound briefly on what CV is and how to prepare a CV. Ms. Mehak stated that “A short precise version of a candidate is a Resume” and explained how to prepare a resume and stressed the importance of a resume. Nextly she covered what portfolio is and how it helps in career and express ourselves. Cover letter the next important part a candidate must prepare before the interview. Ms. Mehak clearly explained the importance of a cover letter at the time of an interview. She elucidated the roles a CV, Resume, digital portfolio and the cover letter for a student during their placements and also gave an idea on the points to be added in all those. She exemplified portfolio formats by sharing a real digital portfolio of a student and also specified the online tools available. IEEE resume lab which is especially available for the IEEE members was also covered in the presentation. Ms. Mehak explained the features of the IEEE resume lab and how to use the resume lab. She presented her resume which served as an example for the students. At the end of the presentation Ms. Mehak listed all the online sources and tools available to create a professional resume. There were few questions from the participant’s side in the You Tube chat box. Ms. Mehak cleared all their doubts and was sparked them to explore more about IEEE and develop their digital portfolio. 493 participants took part in the webinar.

“Webinar on Get Awarded and Recognized With IEEE”

JIT IEEE SB organized a webinar series named unlock IEEE. Mr.Aravindhan Anbazhagan, TEDx Speaker, Chair IEEE Madras Young Professionals Madras section presented the third webinar of this series Get Awarded and Recognized With IEEE on 14th June 2020. Mr. Aravindhan started the session by briefing a cycle through which a volunteer gets a recognition. He made it simple that everyone understood his point. The two REM scholars Mr.Charavathy Srinivas and Ms.Angitha Gudla from Hyderabad also joined the session. Mr.Charavathy shared his experience as a computer society volunteer and his various volunteering positions in IEEE and finally how he made to be a recipient of the REM scholarship. Ms.Angitha expounded her volunteering experience and how she got the REM scholarship after certain number of tries. This was motivational part of the session. Mr. Aravindhan specified the four main steps to which leads a person towards his goal and also shared his experience of being a teacher working for a non profit organization like Teach for `India helped to upskill himself. He specially mentioned about the LinkedIn page where the various awards and opportunities available in all the sixteen societies of IEEE are mentioned and suggested certain points to be remembered while searching for an opportunity through illustrating his own experience while applying for his award. He expounded the steps to be followed while applying for an award among which Act on Time was the most important part quoted by him during his presentation. His session kindled the thirst of young volunteers to explore more about IEEE and the awards. : 609 participants took part in the webinar.

“Webinar on Opportunities in Industries after graduation”

JIT IEEE SB in association with JIT IEEE WIE AG organized a live webinar on “Opportunities in Industries after graduation” on 08.06.2020, 05:30 pm – 07:00 pm. The resource person for the webinar is Mr. John Benedict Boggala, Manager – I, Amazon Development Centre, India. 344 participants watching the webinar live on YouTube. Mr. John started the session by sharing his experience and how he made it to Amazon. As the quote says “Books are a uniquely portable magic” he stated the books which he read and also solicited the participants to read books. He described the various job opportunities available for the students as well as the professionals who wanted to switch to industries. Mr. John elaborated the various roles in industries and then skills that the students should acquire to step into the industries after graduation. He detailed the jobs roles such as Product manager computer information and system manager, database manager, computer programmer, social media manager and also mentioned some software which the students can learn in order to get into an industry. Along with John Mr.Sesha and Ms.Chetna also joined the session. Mr.Sesha gave more insights about digital marketing job and how he entered Accenture as a digital marketing manager. Ms.Chetna shared her work experience as a product manager and the role of a product manager in a company. At the end there was a Q&A session in which various questions was raised by the participants. Mr. John cleared all the queries of the participants and gave a clear idea.

Report by: Dr.S. Elangovan, SB Counselor

Jeppiaar Institute of Technology, Sriperumbudur

“Online Poster Presentation Contest “

JIT IEEE SB, IIC conducted online poster Presentation contest. The topics for the contest are COVID 19 Awareness, Machine Learning, Artificial Intelligence. The event held during 04-07-2020 and 11-07-2020. students from various colleges registered for this event. Participants were asked to send the posters based on the given theme. All the participants were given with Participation certificates and winners were given with Merit certificates.



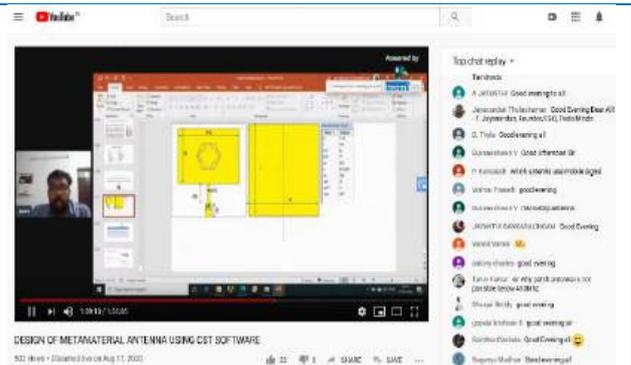
“Online Photography Contest “

JIT IEEE SB conducted online Photography contest during 07-07-2020 and 14-07-2020. The theme for the contest are COVID 19 Awareness, Night Lights, Nature. students from various colleges registered for this event. Participants were asked to send the photos based on the given theme. All the participants were given with Participation certificates and winners were given with Merit certificates.



“Workshop on Design of Metamaterial Antenna using CST Software”

Antenna Club of ECE in association with IEEE SB organized a One Day Workshop on 17.08.2020 on “Design of Metamaterial Antenna using CST Software”. The Resource Person Mr.S.Prasad Jones Christydass, μ Maker, Antenna Research Institute, Trichy have given very good lecture on Metamaterial Antenna and its design procedure with CST Software. More than 200 participants including students, research scholars and faculty participated in the event and were given with participation certificates.



“International Conference on Recent Innovations in Science, Engineering and Technology ICRISSET 2020”

Conference (ICRISSET) provided a virtual platform for students, researchers, academicians and Industry persons to bring out and share their innovative ideas in various fields of Science, Engineering and Technology. ICRISSET include broadening collaboration within the many fields of science, engineering and technology, creating higher-quality educational opportunities, building professional skills and knowledge, strengthening professionalism and broadening networking opportunities.



Key Note Speakers:

- Dr. T.S.N. Sankara Narayanan School of Mechanical, Aerospace and Nuclear Engineering (MANE) Ulsan National Institute of Science and Technology (UNIST) Ulsan Republic of Korea
- Dr. Rajapandianpannerselvam Research Scientist Prof. DetlevBelder's Group University of Leipzig, Germany
- Dr. Pal M. Thangamathesvaran Senior Director, Novitium Pharma, New Jersey, USA
- Dr. Balaji Seth, Prof. & Program Director, Department of Industrial Technology, California State University, Fresno, USA
- Dr. Mohammad Khalid, Prof. & Head, Graphene & Advanced 2D Materials Research Group Sunway University, Malaysia
- Dr. Toleti Subba Rao Senior Scientist, IGCAR, Kalpakkam
- Dr. Jaysree Ramkumar, Senior Scientist, Bhabha Atomic Research Centre, Mumbai
- Dr. S. Chandra Mohan, Researcher and Post-Doctoral Fellow Laboratory for Nanomaterials for Energy and Recycling, Marcoule Institute for separation Chemistry, CEA, Marcoule, France.
- Dr. Ngangbam Phalguni Singh Assistant Professor, KL University, Vijayawada

“Workshop on VLSI Image Processing using Xilinx”

VLSI Club of ECE in association with IEEE SB organized one day workshop on "VLSI Image Processing using Xilinx " on 04.09.2020 from 9 A.M to 10.30 A.M. The Resource Person was Mrs.V.Dyna Christilda, Associate Professor, Vins Christian College. She have given very good lecture on VLSI image processing methods and gave many research and project ideas to students. More than 150 participants including students, research scholars and faculty participated in the event.



Report by: Mrs. Benisha, SB Counselor

K. S. Rangasamy College of Technology, Tiruchengode

“Alumni Webinar Series 2020”

IEEE SB organized Alumni Webinar series 2020 during 08.06.2020 to 12.06.2020. Ms. Jovita Shalini welcomed the gathering. Dr. K. B. Jayanthi, Professor and HOD/ECE, in her HOD address, briefed about the importance of Alumni and to bring the innovative ideas towards advanced in various fields. Dr. R.Gopalakrishnan, Principal of KSRTC, inspired the students through his addressing, by delivering the importance of Alumni and technology in an Engineer’s career and the role of students in the field of Electronics in this developing world. Mr. N.Kalairajah, staff engineer, DAMO academy, Alibaba group on 08.06.2020(FN). He briefed about semiconductors and motivated the students work in this field.

Mr.A.K.Prasad Kumar, Indian Navy on 08.06.2020(AN). He gave brief introduction about Indian Navy and also talked about job opportunities in Indian Navy. Mr.Balakumar chinnusamy, Vice President – HR, VVDN technologies Pvt Ltd. on 09.06.2020(FN). He mention about current technologies and opportunities for the students. Mr.M.Chandru on 09.06.2020 (AN) elaborated about the branches of Indian Air Force like flying, technical branch and ground duties. He talked about the various opportunities for Students in Indian Air Force. Mr. Arun venkatesan, Vice President, Eximius India Pvt Ltd on 10.06.2020(FN). He expressed about semiconductor testing and importance of VLSI domain. Mrs.M.sumathi, Manager, Hindustan Aeronautics Limited on 10.06.2020(AN). She shared her experience about how she joined in India Aeronautics and elaborated the importance of GATE exam in public sector. Mr.Rajesh Narayan, Senior Principal Engineer, Broadcom on 11.06.2020(FN). He shared how he joined in VLSI domain. He briefed about the pre processing and post processing methods, importance of VLSI domain for the students. Mr.G.Mathan from Indian Navy on 11.06.2020(AN). He spoke a lot about Indian Armed Forces like Indian Army, Indian Navy and Indian Air Force and explained regarding service selection procedure, SSB interview etc.. Mr.R. Sudhakar , Sr.Staff/Manager, Tessolve Services Pvt Ltd. on 12.06.2020(FN). He explained about introduction to semiconductor and what are all the opportunities in semiconductor testing for the students. Mr.V.Janarthanan, Scientist-SE, ISRO on 12.06.2020(AN). He mentioned about his experience got into ISRO as a scientist, history of Radar and real time application of FFT in Radar.

K.S.Rangasamy College of Technology
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Tiruchengode-637 215, Namakkal (Dt), Tamil Nadu
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Electronics and Communication Engineering

Alumni Webinar Series - 2020
08.06.2020 to 12.06.2020

Sky is not the limit for our ECE alumni

Mr. Kalairajah N Staff engineer, Alibaba Group, USA. 1994-1998 Batch 08.06.2020 09.30 am to 11.00 am	Mr. Prasad Kumar A K Indian Navy. 1994-1998 Batch 08.06.2020 05.00 pm to 06.30 pm
Mr. Balakumar Chinnusamy Vice President - HR, VVDN Technologies Pvt Ltd. 1999-2003 Batch 09.06.2020 09.30 am to 11.00 am	Wing Commander Chandru M Indian Air Force (IAF). 1999-2003 Batch 09.06.2020 05.00 pm to 06.30 pm
Mr. Arun Venkatesan Vice President, Eximius India Pvt Ltd. 1996-2000 Batch 10.06.2020 09.30 am to 11.00 am	Mrs. Sumathi M Manager (Assembly & Testing), Hindustan Aeronautics Ltd. 1999-2003 Batch 10.06.2020 05.00 pm to 06.30 pm
Mr. Rajesh Narayanan Senior Principal Engineer, Broadcom. 1995-1999 Batch 11.06.2020 09.30 am to 11.00 am	Lt Commander G Mathan (Retd) Global Defence Analyst, Janus Pvt Ltd. 1998-2002 Batch 11.06.2020 05.00 pm to 06.30 pm
Mr. Sudhakar P R Sr.Staff/Manager, Tessolve Services Pvt Ltd. 1998-2002 Batch 12.06.2020 09.30 am to 11.00 am	Mr. Janarthanan V Scientist - SE, ISRO. 2002-2006 Batch 12.06.2020 05.00 pm to 06.30 pm

Join with Us Reserve your seat
https://forms.gle/otB9Jf64YAIePyGUG
Online session platform Microsoft Teams
92808 08082, 96836 88555, 96658 41004

National Level E-Quiz

ECE Dept. in association with KSRTC IEEE SB conducted online quiz on 29.7.2020 on Basics of Electrical and Electronic Circuits. 169 participants from various colleges and institutions around the nation were participated. The main motive of this quiz was to have depth knowledge in electrical and electronic circuits by solving more numerical problems and to bridge the gap between the students & academics in this pandemic lockdown.

K.S.Rangasamy College of Technology
Autonomous Institute, Affiliated to Anna University, Chennai
Tiruchengode, Namakkal (Dt), Tamil Nadu - 637215

Department of Electronics and
Communication Engineering
and
KSRTC IEEE Student Branch

**e - Quiz in Basics of Electrical and
Electronic Circuits**
29 July 2020

No Registration Fee
Certificate will be provided to all the
participants who score above 80%

Faculty Coordinators:
Dr. C. Rajasekaran (Prof/ECE)
Sankar A.K. (Assistant)
Mrs. K. Soglia Devi (AP/ECE)
Sudhakar (Assistant)

Student Coordinator:
Mr. L. Karish
Chandru M. (Assistant)
QR Code to
Participate

Website: www.ksrct.ac.in | Instagram: @ksrct.ac.in | Facebook: /ksrct.ac.in | Twitter: @ksrct.ac.in

Workshop on IOT using Node MCU

Workshop on IoT using Node MCU was organized by ECE and CAFACE, IETE & IEEE Association on 06.03.2020. Nearly 50 students attended the workshop. Session handled by the final year student Mr.K.Gentleman & Mr.V.Mokesh for transferring their knowledge to other college students and covered the concept of embedded system and their needs with particular Arduino board Node MCU and its specification. Second session was hands on Interfacing basic input output devices with Arduino and work in database(firebase) step by step and how to connect it with the Node MCU with example(controlling LED from database). And then finally they taught the overview of creating a mobile application using (MIT app inventor 2).



Workshop on VLSI AND FPGA

Workshop on “VLSI and FPGA” was organized by ECE Dept. and CAFACE, IETE & IEEE on 06.03.2020. Mr.K.Sivanandam & Mr.Saravanan Assistant Professor handled the workshop. Around 40 students of various colleges enhanced their knowledge with this workshop. The motivation of the workshop was to provide the basics understanding of VLSI and FPGA to the students among various colleges. During the session detailed concepts of VLSI concepts were explained and also explained about the trends of VLSI.



National Level Technical Symposium Communix'20

CAFACE Association / IEEE / IETE student chapter was organized National Level Technical Symposium COMMUNIX'20 on 07.03.2020. Mr.R. Y. Sudhir was our chief guest, Faurecia clean mobility, Bengaluru. On the memorable day he explained well about importance of human values and he shared his experience to the budding engineers. Nearly 180 students from various colleges participated in the symposium. The events of the symposium are Paper presentation, Project presentation, Poster Presentation, Circuit Debugging Photography and Short film.



Womens' Day Celebration 2K20

IEEE-WIE and Women Empowerment Cell organised International Women's Day celebration on 9 March, 2020 in the presence of Dr.G.Vennila, Dr.R.Gopalakrishnan, principal, Mr.R.Srinivasan, vice-chairman, Dr.K.Thyagarajah, CEO of KSREI. Chief guest are Ms.Pryati Sharma- Deputy Commissioner of Income Tax, Mrs.Sonali Pradeep- title winner of Mrs India Universe Earth 2019, Dr.Neeraja Karthi- Speech and Language Therapist, Mrs.Malini Saravanan- Deputy general manager(HR) of The New Indian Express Group, Mrs.Nivedha- Founder of Shri Gaura Foundations, Mrs.Megha M Jorapur- Speech and Language Therapist. Ms.Pryati Sharma shared her experience about her studies and elaborated the history of two women who inspired her.



Mrs.Sonali Pradeep talked about her achievement struggles to achieve Mrs India Universe Earth title and she gave 8-points to succeed in the life. Dr.Neeraja Karthi narrated how she chose this work and importance of women empowerment for betterment of society. Mrs.Malini Saravanan shared the struggles and how she overcame from those problems using willpower. Mrs.M.Nivedha told about her Sri Gaura foundation and how she helps the students, pregnant ladies, schools, colleges and old age homes to overcome from stress. She also added to think positive and do prayers. Mrs.Megha

M Jorapur she gave the experiences in her field and gave some notes on uplifting of women status in society. Finally, vote of thanks was delivered by Dr.A.Lakshmi, HoD/MBA. The afternoon session was engaged with cultural by the team members of KSRTC girl students. Dr.G.Vennila, HoD/Civil and Dr.A.Lakshmi, HoD/MBA distribute the prizes to the prize winners in the Womens' Day Celebration 2k20 Events. This type celebration showed the importance of the women empowerment and women dedication and everywhere.

Report by Dr.C.Rajasekaran, raja7ksrct@gmail.com

Kings College of Engineering, Pudukkottai

"Alumni Webinar Series"

ECE dept. and IEEE SB jointly organized Alumni Series Webinar from 06th to 10th July, 2020. A total of 333 registrations were received from participants residing in India, Oman, Singapore and Saudi Arabia. Ms.S.Sharmila Thagore, Data Analyst, Bangalore, on 06th July, 2020, delivered a talk on Digital Marketing Analytics. In her lecture, she explained in detail about Digital marketing strategies, data analytics and the software tools used in Digital Marketing. Mr.Surendhar Ravichandran, Sr. Devops Engineer, European Bioinformatics Institute, England on 07th July, 2020, delivered a talk on Introduction to Linux Containers and Kubernetes. In his talk, he briefed on Dockers images, docker hub, Kubernetes, container orchestration. At end of the session he demonstrated the installation of the docker. Mr.A.Athiraja, Innovation Ambassador- MHRD IIC Cell, Coimbatore on 08th July, 2020, presented an overview on "Basics of Machine Learning".

In his lecture he briefed, supervised learning, unsupervised learning, reinforcement learning and machine learning models. He concluded his lecture with the applications of ML in healthcare, sentiment analysis, fraud detection and e-commerce. Ms.Vaishnavi Nagapandian, Senior Programme Consultant, PSB Academy, Singapore on 09th July, 2020, delivered a lecture on "Turning Crisis into Opportunity : Lessons from COVID-19". In her lecture, she briefed on the impact on economy, impact on individual and lifestyle, impact on workplace and future requirements, impact on competition. Also she briefed on industries thriving amid COVID-19 and on the opportunities for the engineers/ graduates with digital skills due to rapid digitization. Mr.P.Aravind Preshant, Software Engineer, Apple, California, USA on 10th July, 2020 delivered lecture on "Introduction to Robotics". In his lecture, he briefed on Robot Operating System (ROS), Simulators i.e. MATLAB and Gazebo, various sensors, Perception: object detection, object tracking, SLAM, planning algorithms and reinforcement learning. While concluding he elaborated on the project "Exploration of Unknown Environment using Multiple Robots". The programme was coordinated by Mr. P. Raja Pirian, AP/ECE and Mr. J. Niranjana Samuel, JRF/ECE-R&D. Mrs. N. Mangaiyarkarasi, HOD/ECE, felicitated the resource persons for attaining a big position in the society and thanked all the staff members for grand success of the webinar.

"International webinar on Amazon Web Services with EC2, EB and S3"

ECE Dept. and IEEE SB jointly organized its First International webinar on "Amazon Web Services with EC2, EB and S3" on 29th June, 2020 in the presence of Dr. J. Arputha Vijaya Selvi, Principal, , Mrs. N. Mangaiyarkarasi, HOD/ECE. Dr. V. Bala Dhandayuthapani, Professor in Information Technology, Shinas Institute of Technology, Oman delivered the lecture. In his lecture, he briefed on Cloud Computing, AWS Global Cloud infrastructure, Creating an account in AWS, Elastic Compute Cloud, Simple Storage Service and Elastic Bean Stack with live demonstrations. Speaker clarified the queries raised by the participants. Mr. P. Raja Pirian, AP/ECE, delivered the vote of thanks. Mr. J. Niranjana Samuel, JRF/ECE-R&D, moderated the session. 327 members from various institutions at India, Denmark, Indonesia, Oman and Singapore participated in this programme.

Report by :Mr. P. Raja Pirian, rajapirian@gmail.com

KPR Institute of Engineering and Technology, Coimbatore

“Webinar on Bridging the Gap between College and Work (IT)”

IEEE SB & EEE Dept. organized a Webinar on Bridging the Gap Between College and Work(IT) on 18th June, 2020 in presence of Dr.V.Kumar Chinnaiyan, Prof. & Head, EEE and Dr.M.Akila, Principal of KPRIET. Er Harsh V Radia – DevOps Engineer, Amazon Development Center, Bangalore presented the following deliberations Skill required for IT jobs, Mindset of Graduates, Importance of internship, Current trends in IT field. 64 Participants from various departments attended.

“Webinar on IoT Applications for Electrical Engineering”

IEEE SB & EEE Dept. organized a Webinar on “IoT Applications for Electrical Engineering” on 19th June, 2020 in presence of Dr.V.Kumar Chinnaiyan, Prof. and Head, EEE and Dr.M.Akila, Principal. Er Selvaraj Chinnasamy, Software Engineer, Softway Solutions, Bangalore, presented the following deliberations Benefits of IoT in our daily needs, Future of IoT, Introduction to Raspberry Pi 4, Basic IoT Components, Applications like Smart wheel chair, Smart traffic system, and smart parking etc., 70 Participants from various institutions and industries attended the webinar.

“Webinar on Practical Exposure on Android App development”

IEEE SB & EEE Dept. organized a Webinar on “Practical Exposure on Android App development” on 20th June, 2020 in presence of Dr.V.Kumar Chinnaiyan, Prof. and Head, EEE and Dr.M.Akila, Principal. Prof.A.Maswoodhur Rahman, Assistant Professor, Department of Engineering (Electrical Engineering Section), IBRI College of Technology, Sultanate of Oman, presented the following deliberations Overview of IoT, IoT with Microcontroller (Arduino), Programming in Arduino, Arduino with Android App, Smart home using IoT. 76 Participants from various institutions & industries attended.

“Webinar on IoT Applications for Smart Home”

IEEE SB & EEE Dept. organized a Webinar on “IoT Applications for Smart Home” on 4th July, 2020. in presence of Dr.V.Kumar Chinnaiyan, Prof. and Head, EEE and Dr.M.Akila, Principal. Er.Dinesh Ponnusamy, Embedded Developer, SAI Incubation Centre, Coimbatore, presented the following deliberations Benefits of IoT in our daily needs, Future of IoT, Introduction to Raspberry Pi 4, Basic IoT Components. 156 Participants from various institutions and industries attended the webinar.

“Webinar on Sustainability in Electrical Engineering”

IEEE SB & EEE Dept. organized a Webinar on “Sustainability in Electrical Engineering” on 4th July, 2020 in presence of Dr.V.Kumar Chinnaiyan, Prof. and Head, EEE and Dr.M.Akila, Principal. Er.S.Kubendhiran, Regional Engineering Manager, Integrated Facilities Management, Singapore presented the following deliberations Energy efficient in home appliances Renewable & Non renewable energy, Sustainability. 105 Participants from various institutions and industries attended the webinar.

“Webinar on Industrial Expectations and Challenges for Gen-Z Graduates”

IEEE SB & EEE Dept. organized a Webinar on “Industrial Expectations and Challenges for Gen-Z Graduates” on 7th July, 2020 in presence of Dr.V.Kumar Chinnaiyan, Prof. and Head, EEE and Dr.M.Akila, Principal. Er.V.Aravindh, Embedded Software Developer, Timesys India LLP, Coimbatore presented the following deliberations Industrial focus options, Higher studies focus options, Industry Perspective about career, What’s next after degree?, How to utilize social media platform. 100 Participants from various institutions have attended the webinar.

Report by: Dr.V.Kumar Chinnaiyan, hod_eee@kpriet.ac.in

National Institute of Technology, Tiruchirappalli

“Technical Talk on Achieving Sustainable Development Goals through ICTs”

IEEE SB in association with Institute of Engineers (IEI India) - Tiruchirappalli Local Centre (TLC) and Tamilnadu State Centre (TNSC) organized a technical webinar on Achieving Sustainable Development Goals through ICTs by Dr. N.V.S.N.Sarma, Director, IIIT Tiruchirappalli, on 02.06.2020. Dr. Sarma started with the definition of sustainable development. He then detailed the seventeen sustainable development goals (SDG) like eradicating poverty and hunger, improving quality of health and education, availability of affordable and clean energy etc. He particularly highlighted the need for responsible development by judicious consumption of natural resources and action on climate change. Dr. Sarma then moved on to the technical domain of Information & Communications Technology (ICT), which played a major role in bringing about the Information Age. The information age is expected to give way to the Age of Sustainable Development. The role ICT could play in enabling the arrival of this new age by accelerating the attainment of SDG was the crux of this session. Dr. Sarma discussed the steps to be taken in that direction like developing a basic ICT infrastructure and improving the access to mobile broadband services. Towards the end of the session, Dr. Sarma discussed some of the research possibilities like sustainability science, research in context of social- ecological systems and ICT framework for SDG. Students, research scholars and faculty members from NIT Tiruchirappalli and other colleges across the country attended this event. A few industry personnel affiliated to IEI were also in attendance.

“Technical Talk on Fundamentals of Block Chain and its Applications”

IEEE SB in association with IEEE-Computer Society chapter organized a technical talk on Fundamentals of Block Chain and its Applications by Dr. Modi Chirag Navinchandra, Assistant Professor, Department of CSE, NIT Goa 05.06.2020. Dr. Navinchandra started the session by giving the definitions of blockchain and rattled off the recent advancements in blockchain technology. After describing the background of blockchain Dr. Navinchandra explained architecture of blockchain and its components. He also gave detailed explanation on working of blockchain. He then moved to the practical implementations of blockchain technology in real-time environment. He also elucidates the strategies for implementing Hyperledger by considering the use cases. He also broadly explained about the practical constrains for incorporating Hyperledger in real-time scenario. The technical talk was attended by UG, PG and Ph.D. scholars and faculties from NIT Tiruchirappalli also from across the country. During the session, Dr. Navinchandra had mentioned the role of decentralized network, smart contracts and encouraged the scholars to focus on these domains as their research area.

“Technical Talk on How Microstrip Antenna”

IEEE SB organized a technical talk How Microstrip Antenna works by Dr. K.P.Ray, Dean (Research), Head of Electronics Engineering & Computer Science Department, Professor In Charge of International Cooperation & MOU, Defence Institute of Advanced Technology (DIAT), Ministry of Defence, Pune 10.06.2020. Dr. Ray started with the working of microstrip transmission line. He then proceeded to explain the theory of microstrip antennas which offer several advantages like lower weight, smaller volume and lesser cost. A significant amount of time was dedicated to explain the concept of capacitance, which is an important parameter to be considered during the design of microstrip antennas. Dr. Ray then discussed the different types of microstrip antennas and compared the performance of popular configurations like rectangular, circular and triangular microstrip antennas. The concept of resonance was also explained. Students, research scholars and faculty members from NIT Tiruchirappalli and other colleges across the country attended this event. A few industry personnel were also in attendance.

“Technical Talk”

IEEE SB in association with IEEE-MTTS chapter organized a technical talk on Engineering Electromagnetics: Concept, Methodology and Techniques for High Impact Learning and Teaching by Dr. Chinmoy Saha, Associate Professor, Department of Avionics, Indian Institute of Space Science and Technology, Thiruvananthapuram on 15.06.2020. Dr. Saha started the session by offering a glimpse into his research activities which included antennas for cognitive radio applications, photoconductive antenna and dielectric resonator based wireless power transfer among others. Dr. Saha then moved on to the central topic of the session - teaching electromagnetics in a more effective way. He first gave a brief demonstration of the conventional ‘chalk and talk’ technique that involved lengthy mathematical derivations with little physical insight. To overcome the ineffectiveness of this technique, Dr. Saha proposed using graphic aids for better visualization, involving programming exercises to take advantage of students’ interest in coding and demonstrating relevant hardware components available in the labs. The superiority of the second technique was demonstrated with the help of case studies on popular topics in Electromagnetics like Rectangular waveguide, Circular waveguide, Dielectric Resonator and Circular Polarization. Each of these topics was presented with animations to enable a faster, easier and more intuitive grasp on the subject. Students, research scholars and faculty members from NIT Tiruchirappalli and other colleges across the country attended this event. A few industry personnel were also in attendance.

“Technical Talk Reinforcement Learning: The frontier of Artificial Intelligence”

IEEE SB in association with IEEE-Computer Society chapter organized a technical talk on Reinforcement Learning: The frontier of Artificial Intelligence by Dr. Chandra Shekar Lakshminarayanan, Assistant Professor, Department of CSE, IIT Palakkad on 27.06.2020. Dr. Lakshminarayanan started the session by introducing examples of state of the art artificial intelligence (AI) like image tagging, self driving cars, human speech recognition & synthesis and playing games like chess. He contrasted the smart programs that drive these artificially intelligent systems with the conventional computer programs and highlighted the former’s ability to learn, adapt and respond to new situations. Dr. Lakshminarayanan then asked the participants to categorise several real world applications like Google ad placement, spam filtering, self-driving cars, stock and weather prediction into static or dynamic tasks and prediction or control tasks. After several incorrect attempts from the participants, Dr. Lakshminarayanan elucidated the logic behind classifying such AI tasks and this was a major takeaway from the session. He then moved on to the popular topic of Machine Learning and discussed data driven methods to solve AI tasks. He then spoke in detail about Reinforcement Learning and explained several methods to solve AI control tasks. Throughout the session, Dr. Lakshminarayanan had stressed on the role of probability and decision theory in developing AI systems and encouraged the students to focus on these areas if they wished to pursue a career in AI. Students, research scholars and faculty members from NIT Tiruchirappalli and other colleges across the country attended this event. A few industry personnel were also in attendance.

Inauguration of IEEE Computer Society Student Chapter

IEEE SB organized the inaugural ceremony of the student chapter of IEEE Computer Society on 27 June 2020. The Chief guest for the occasion was Dr. Chandra Shekar Lakshminarayanan, Asst. Prof., Dept. of CSE, IIT Palakkad. The proceedings were presided over by Dr. N. Ramasubramanian, Professor, Dept. of CSE, NIT Tiruchirappalli. Mr. K. Kannadasan, Chairman & Secretary, IEEE SB NITT welcomed all those in attendance to the ceremony. After the welcome address, Dr. N. Ramasubramanian addressed the online gathering. The presidential address was followed by the inaugural address given by the chief guest Dr. Chandra Shekar Lakshminarayanan. Dr. M.P. Selvan, SB Counselor then released the list of office bearers of the IEEE Computer Society student chapter. After the office bearers were introduced, Dr. B. Shameeda Bhegum, Chapter Advisor presented the action plan of the chapter. Dr. Rajeswari Sridhar, HoD, Department of CSE, NIT Tiruchirappalli and Dr. N. Kumaresan, Professor, Department of EEE, NIT Tiruchirappalli felicitated the dignitaries. The felicitation was followed by the vote of thanks given by the chapter chairman Mr. C. Sekar.

Technical Talk on “SIW Technology towards 5G Applications: Miniaturization, Design and Materials”

IEEE SB in association with the IEEE MTT-S chapter organized a technical talk via WebEx Meetings on “SIW Technology towards 5G Applications: Miniaturization, Design and Materials” by Dr. Mrinal Kanti Mandal, Senior Member, IEEE currently working as Associate Professor, Department of ECE in IIT Kharagpur on 06.07.2020. After giving a general introduction to beamforming networks, Dr. Mandal compared the pros and cons of analog beam forming networks against their digital counterparts. He then moved on to the theory and working of analog beamforming networks, the central topic of the session. He explained both the time domain and frequency domain approaches of analysing these networks. He also talked about the ongoing research in this field in IIT Kharagpur and their developments. Students, research scholars and faculty members from NITT and other colleges across the country had attended this event. A few industry personnel were also in attendance.

“Workshop on Deep Learning”

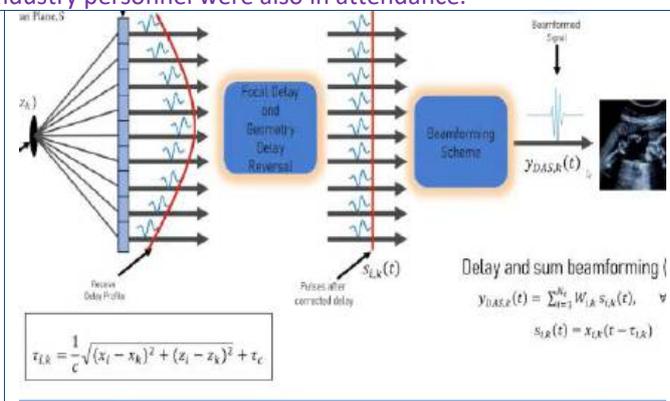
IEEE SB, IEEE Computer Society Chapter in association with M/s. Pantech Solutions organized a technical workshop on Deep Learning during 6 July and ended on 10 July 2020. The workshop was coordinated by Dr. M.P. Selvan, IEEE SB Counselor and Dr. B. Shameedha Begum, IEEE CS Chapter Advisor along with Mr. K. Kannadasan, IEEE SB Chairperson & Secretary and Mr. C. Sekar, IEEE CS Chapter Chairperson. On day 1, the participants were introduced to deep learning and neural networks. On day 2, the basics of Python programming were covered, along with different types of data structures and modules available in Python. Scientific Python was covered on day 3 with the help of libraries like NumPy, Pandas, TensorFlow and Keras. The design and working of popular classification algorithms like MLP and PNN were explained on day 4. Classification using CNN algorithm and a few real time projects were discussed on the last day of the workshop. Students, research scholars and faculty members from NIT Tiruchirappalli and other colleges across the country had attended this event. A few industry personnel were also in attendance.

“Technical Talk on SIW Technology towards 5G Applications: Miniaturization, Design and Materials”

The IEEE Student Branch of NIT-Tiruchirappalli in association with the IEEE MTT-S chapter organized a technical talk via WebEx Meetings on “SIW Technology towards 5G Applications: Miniaturization, Design and Materials” by Dr. Maurizio Bozzi, Fellow, IEEE currently working as Full Professor, University of Pavia, Italy on 14.07.2020. Dr. Bozzi started the session by introducing the current trends in microwave technology applicable to 5G. He then spoke about the Substrate Integrated Waveguide (SIW) technology in detail. Students, research scholars and faculty members from NITT and other colleges across the country had attended this event. A few industry personnel were also in attendance.

“Technical Talk on Lung Ultrasound Imaging for COVID19: From Physics to Neural Networks”

IEEE SB in association with IEEE Computer Society chapter organized a technical talk on “Lung Ultrasound Imaging for COVID19: From Physics to Neural Networks” by Dr. Mahesh Raveendranatha Panicker, AP, Dept. of EE, IIT Palakkad on 15-08-2020. Speaker started the session by explaining the basics of ultrasound imaging – the physics of ultrasound waves and the different components in a typical ultrasound system. He then discussed the beamforming techniques employed in ultrasound transmitters and receivers. Dr. Panicker illustrated how COVID19 infection appears in lung ultrasounds.

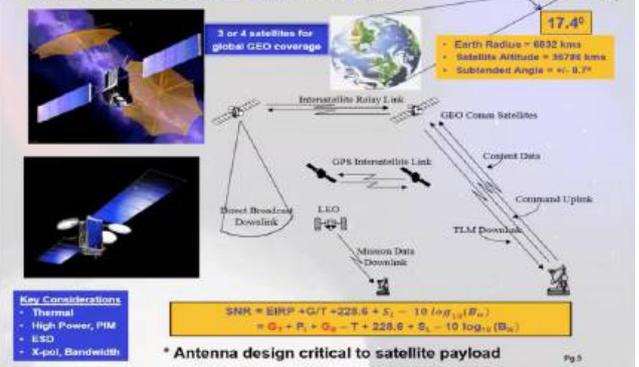


After a brief introduction to deep learning, he moved on to the applications of neural networks in classifying the severity of infection based on pleura detection. Students, research scholars and faculty members from NITT and other colleges across the country had attended this event. A few industry personnel were also in attendance.

Technical Talk on “Antenna Systems for Satellite, Aircraft & Ground Communication”

IEEE SB in association with the IEEE MTT-S chapter organized a technical talk on “Antenna Systems for Satellite, Aircraft & Ground Communication” by Dr. Sudhakar Rao, IEEE Life Fellow, Senior Technical Fellow, Northrop Grumman Aerospace Systems, California, USA on 23-08-2020. Dr. Rao started the session by listing the different roles played by antennas in day-to-day communications. He also shared an informative video that introduced AEHF satellite constellation. He then introduced antenna systems with special emphasis on satellite antennas and explained how antennas radiate.

Introduction to SATCOM Antennas: Definition of Satellite Communications

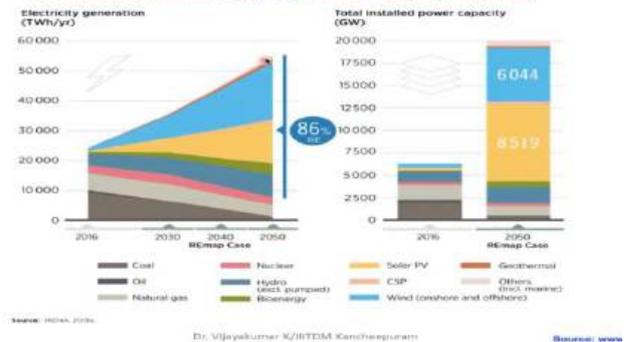


He covered the basics of satellite-based communication and different types of satellites. Dr. Rao also explained reflector antennas and phased arrays in great detail. He concluded the session by highlighting the recent developments in ground and vehicular antenna technology. Students, research scholars and faculty members from NITT and other colleges across the country had attended this event. A few industry personnel were also in attendance.

Technical Talk on “Power Controllers for Wind Energy Conversion Systems”

IEEE SB in association with the IEEE PES chapter organized a technical talk via WebEx Meetings on “Power Controllers for Wind Energy Conversion Systems” by Dr. Vijayakumar Krishnasamy, Assistant Professor, Department of ECE, IITDM, Kancheepuram on 26-08-2020. Dr. Vijayakumar started the session with the expected transformation in the renewable energy sector by 2050. He then compared the applications of horizontal & vertical axis wind turbines. He also described the grid-connected & stand-alone operation of wind energy conversion systems.

Renewable Energy by 2050 (Estimation)



He further highlighted the key differences between fixed speed wind turbines like synchronous & squirrel cage induction generators and variable speed wind turbines like permanent magnet synchronous generator, wound rotor induction generator & doubly-fed induction generator. Students, research scholars and faculty members from NITT and other colleges across the country had attended this event. A few industry personnel were also in attendance.

“Technical Talk on Recent Trends in Autonomous Vehicles”

IEEE SB in association with the IEEE IAS chapter organized a technical talk on “Recent Trends in Autonomous Vehicles” by Dr. Anbalagan Thangavel, Technical Project Manager, BOSCH Coimbatore on 29-08-2020. Dr. Thangavel started the session by introducing some of the recent megatrends in demography, urbanization, energy & climate and connectivity leading to improved safety in transportation, higher fuel efficiency, reduced congestion and gain in productivity. He then elaborated on the recent vehicle trends in terms of ownership, business models and usage.

Vehicle trends Changes in ownership, business models and usage



He then explained the foundations of automated driving like legislation, safety & security, surround sensing, system intelligence, localization and system architecture. Dr. Thangavel also described the role of sensors and HMI in autonomous driving. Students, research scholars and faculty members from NITT and other colleges across the country had attended this event. A few industry personnel were also in attendance.

Panimalar Institute of Technology, Cennai

“7 Days Faculty Development Program”

IEEE PIT SB, ECE Dept. in collaboration with IETE organized 7 days Faculty Development Programme on Groundbreaking Technologies during June 01 2020 - June 07 2020 from 4.30PM – 6.30PM IST. Dr. Chitra, HOD/ECE delivered welcome address and explained the importance of Developing new technologies. Various resource persons from different fields delivered the talk. The topics delivered in the Faculty development programme on each day were the booming technologies in recent times. Nearly 160 faculty from various Educational Institutions across India participated in the programme and befitted. Mr. Arun M, IEEE PIT SBC coordinated the event.



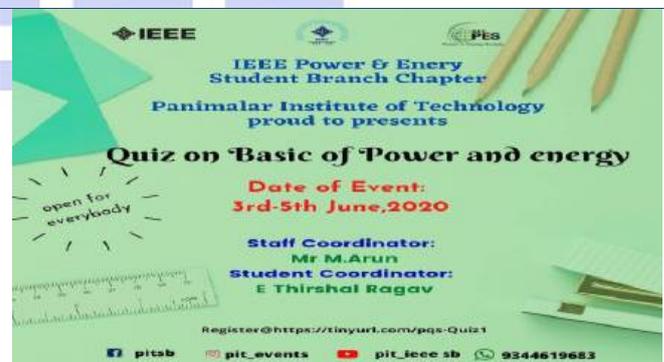
01.06.2020: Advance Technological trends in Automotive by Mr. Sivaprakash Rameshkumar, Director at IELEKTRON Technologies, IIT Madras Research Park. 02.06.2020: AI for Embedded System by Dr.A Athif Shah, Chairman & Managing Director, ABE Semiconductor Designs 03.06.2020: Implementation of E-Tools for Effective Research – Nature of Proactive Workforce by Dr. Debabrata Samanta, Assistant Professor ,CSE, CHRIST (Deemed to be University), 04.06.2020: An Academic Perspective on Networks and AI by Dr. P. Sankar, Professor, ECE, SV Engineering College, Tirupati, 05.06.2020: Role of digital transformation in Smart city for Sustainable Solutions by Dr. Sridhar Sheshadri, President & CEO Sbyte Technologies, Ex- VC 06.06.2020: Research Directions on Future CMOS Nano Devices by Dr.T.D.Subash, Chair-IEEE Photonics Society Madras Chapter IEEE Madras Section, 07.06.2020: Image Processing and Computer Vision - Industrial perspective by Dr.Karthik Seemakurthy, Research Scientist, TCS Innovation labs.

“Technical E Quiz on Industrial Internet Of Things”

CSE dept. & IEEE PIT SB, IEEE CS SBC, CSI PIT Organized an E Quiz on Industrial Internet of Things. It is an online mode, which is open to all Faculties and Students of National Wide among all department. To explore the knowledge of IIOT among participants this event was initiated through online Quiz. Nearly 321 members have attended the E Quiz,. Dr.W.Gracy Theresa Assistant Professor / CSE along with student coordinator Mr Gopi coordinated the event.

“Quiz Contest – Basic Of Power And Energy”

IEEE PIT SB in collaboration with IEEE PES SBC organized a quiz contest on the topic Measurement of Power and Energy” during 03 June 2020 – 05 June 2020. To give a brief overview it was online quiz event, around 507 participants attended the event from across different educational institutions – Students and Professors. This quiz contest proved to be useful for the participants to learn more about power and energy and its types, its importance, its applications. E – Certificates is provided to all the participants. Student Coordinator Thirshal Ragav coordinated the event with Mr.M.Arun, IEEE SBC.



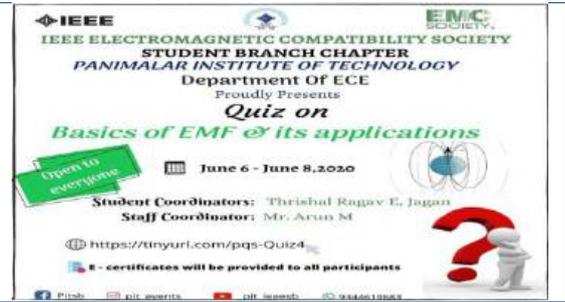
“Quiz Contest – World Achieved Women”

IEEE PIT SB in collaboration with IEEE WIE AG organized a quiz contest on the topic World Achieved Women online quiz event, during 04 June 2020 – 06 June 2020. Around 730 participants attended the event from across different educational institutions. This online quiz contest was framed to test the knowledge and provide a brief exposure to the participants regarding world achieved women. The participants actively participated in the contest and submitted their answers for the same. Student Coordinator Thirshal Ragav E coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Quiz Contest – Basics of Emf And Its Applications”

IEEE PIT SB in collaboration with IEEE EMC SBC organized a quiz contest on the topic Basics of EMF and its Applications online quiz event during 06 June 2020 – 08 June 2020. 321 participants attended the event from across different educational institutions. This online quiz contest was framed to test the knowledge of the participants on Basics of EMF and its applications. Student Coordinator Thirshal Ragav E , Jagan coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Online Workshop – Deep Learning”

IEEE PIT SB in collaboration with IEEE , Computer Society SBC organized online workshop on the topic “Deep Learning” on June 06 2020 from 8.00PM – 10.00PM IST. The Speaker was “Mr Mohit Uniyal, Mentor @ Tensorflow at Google code-in”. Around 398 participants attended the session. The speaker initiated the session by diving into basics of python programming and the applications of python in recent trend. He further continued with basics of deep learning, where he started his presentation by defining Deep Learning and its applications in today’s world. Ms Anishka coordinated the session with Mr M Arun , SB Counsellor.



“Workshop on Python – Coding made simple”

IT Dept., in association with IEEE Information Society SBC, CSI & AICL organized 3 Days Online Workshop Programme on the topic Python coding made simple during 05.06.2020 – 07.06.2020 for various college students, staffs and research scholars. Industry Expert from AICL has delivered about Python for beginners to start learning from simple to advanced concepts and provide practical sessions. 25 participants attended and benefitted. Dr.R.Josphineleela,Prof/IT, Mr.R.Vinston raja Ap/IT coordinated the event.



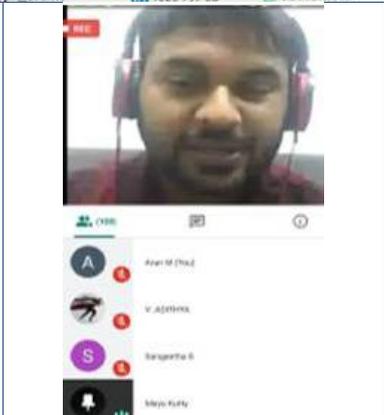
“Quiz Contest – Basics Of Measurement And Instrumentation”

IEEE PIT SB in collaboration with IEEE Information Theory Society organized a quiz contest on the topic “Basics of Measurement and Instrumentation” during 09 June 2020 –11 June 2020. Around 324 participants attended the event. This online quiz contest was framed to test the knowledge and provide a brief exposure to the participants regarding basics of measurement and instrumentation. Student Coordinator Thirshal Ragav E, Jagan ,Gajalakshmi coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Webinar – Social Media And Lockdown With Students.”

IEEE PIT SB in collaboration with Computer Society of India. organized webinar on the topic “Social media and Lockdown with Students.” on 10 June 2020 from 06.00PM – 07.00PM IST. The speaker was “Mr Mayuran Mohan, Batticoloa Regional Newshead, DAN NEWS”. Around 120 participants attended the event from across different educational institutions. This session delivered more useful information to the participants regarding usage of social medias in this lockdown . The session was followed by Q&A forum where the speaker addressed various queries of the participants. Student Coordinators Karthick and Pavithran coordinated the event with Mr. Gopinath AP/CSE Coordinated the event.



“Workshop On Labview For Beginners”

IEEE PIT SB in collaboration with IEEE Photonics, IAS, TEMS SBC'S & ISTE organized Workshop on Labview for Beginners from 11 & 12 June 2020. Around 46 participants attended the event from across different educational institutions. The main agenda of the event was to provide outline of LABVIEW and provide introduction to Labview with hands on. The session initiated the session by providing explanation on need for automation. Session highlights includes How to use LABVIEW, Basic example, Opportunities for experts in associated companies. Speakers demonstrated few real time applications using LABVIEW. The session was completely hands on and assignments were shared through Google classroom for the participants. Student Coordinators Anishka, Gajalakshmi, Preethi, Indhumathi Coordinated the session with Mr.M.Arun, IEEE SB Counsellor.



“Webinar on Technology Towards Internet of Things – Present and Future”

CSE dept. ,IEEE PIT SB, IEEE CS SBC, CSI PIT Organized Webinar on Technology Towards Internet of Things – Present And Future” on 14 JUNE 2020 by Mr .V.S.Rajan, Chief Technology Officer, Adhityaa Infomedia Technologies. Dr.S.Hemalatha introduced the speaker to the participants. Speaker delivered the session by introducing about Present scenarios of Internet of things with real time examples and also explained about how IoT will play a majore role in future. Over 44 participants participated in this event from various parts of India. Staff coordinator Dr.S.Hemalatha successfully completed the event.



“Online Workshop – Competitive Programming “

IEEE PIT SB in collaboration with PIT IIC, Computer Society SBC organized online workshop on Competitive Programming on June 14 2020 from 8.00PM – 10.00PM IST. The Speaker was “Mr Apaar Kamal, Mento @ Coding blocks, Tech head@ MACS,DTU”. Around 300 participants attended the session. The speaker initiated the session by diving into basics of python programming and the applications of python in recent trend. He continued the session by providing brief description for competitive programming and also made the session hands on by coding programs and creating games by teaching the participants the requirements for coding a game. Ms Anishka , Ms Indhumathi coordinated the session with Mr M Arun , SB Counsellor.



“Workshop On Computer Vision And Machine Learning Using Open CV”

IEEE PIT,IEEE Photonics, IAS, TEMS SBC'S & ISTE in association with Pantech E-learning organized Workshop on Computer Vision and Machine Learning Using Open CV from 15– 17 June 2020. Event provided information regarding machine learning and computer vision using open CV. The session was completely hands on and assignments were shared through Google classroom for the participants. Around 145 participants attended the event. Student Coordinators Anishka, Gajalakshmi, Preethi, Indhumathi Coordinated the session with Mr.M.Arun, IEEE SB Counsellor.



“Graphic Design Contest”

IEEE PIT SB in collaboration with IEEE, PES, Photonics, RAS SBC organized a Graphic Design Contest based on the theme Design a Poster for a shop Selling Sanitizers and Masks from 16– 17 June 2020. around 36 participants attended the event from across different educational institutions. After registration, Exact content is given to the participants and they are asked to design poster for the same. The participants actively participated and showcased their creativity skills in their poster design.



“International Webinar on Defining Research Problem In Research Methodology “

CSE Dept., IIC, IEEE PIT SB, IEEE CS SBC, CSI PIT Organized an International Webinar titled Defining Research Problem in Research Methodology on 17 JUNE 2020 by Dr.R.S Chuhan, Director, JMIETI Raduar, Haryana, India. Speaker delivered the session by giving a brief explanation about Research problems and the methodologies to overcome. He insisted all participants to take this COVID 19 Situation as a Problem statement and find some innovative solutions to overcome it using technology. Over 230 participants participated in this event from various parts of India. Staff coordinator Dr.S.Hemalatha successfully coordinated the event.



“Webinar – Master’s In Abroad And Opportunities In Canada.”

IEEE PIT SB organized webinar on the topic “Master’s in abroad and opportunities in Canada” on 19 June 2020 from 05.30AM – 06.30PM IST. The speaker initiated the session by sharing their experiences and opportunities for higher education in Canada. They even elaborated the session by providing details for pursuing Master’s in Canada. They also insisted the participants to kick start their preparations and also gave awareness regarding competitive exams. 42 participants attended the event from across different educational institutions. Mr.Manuneethi & Ms. Gajalakshmi coordinated the event along with Mr.M.Arun, IEEE SBC.



“International Faculty Development Programme on Bitcoin and Cryptography In Blockchain Technology”

CSE Dept., IEEE PIT SB, IEEE CS SBC, CSI PIT Organized an International Faculty Development programme on Bitcoin and Cryptography in Blockchain Technology during 20th and 21st of June 2020 by Dr.K.Chokkanathan, Associate Professor, Mandanapalle Institute of Technology & Science, Andra Pradesh, India. Speaker delivered the session by introducing about the concepts of Bitcoin & Cryptography and the technologies used in Blockchain. His talk highlighted How Bitcoin is used in current scenario, Cryptographic concepts & Blockchain technology.About 66 participants participated in this event from various parts of India. Staff coordinator Dr.S.Hemalatha successfully coordinated the event.



“PEL Tonic– Quiz Contest “

IEEE PIT SB in collaboration with IEEE,PELS organized a quiz contest on the topic PEL TONIC- Quiz Contest on 20 June 2020 . Around 261 participants attended the event from across different educational institutions. This online quiz contest were framed in to test the knowledge of PELS. This quiz contest proved to be useful for the participants to learn more about PELS. Student Coordinators Indhumathi.G and Mithresh coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Webinar On PELS Students And Young Professionals Opportunities”

IEEE PIT SB in collaboration with IEEE Power Electronics Society SBC organized a webinar on PELS Students and Young Professionals Opportunities by Dr Nayara Brandao de Freitas, Postdoctoral researcher, UFCG on 20 June 2020 from 6.30-7.30PM as a part of IEEE PELS DAY 2020 Celebration. Around 83 participants attended the event from across different educational institutions. The speaker began the session by providing information on PELS Student Branch Chapters, Support to PELS SBC, requirements to Establish a PELS SBC. The speaker also elucidated her speech on PELS Students Subcommittee, Student Competitions, Student Travel grants. Student Coordinators Indhumathi.G and Mithresh coordinated the event with Mr.M.Arun, IEEE SBC.



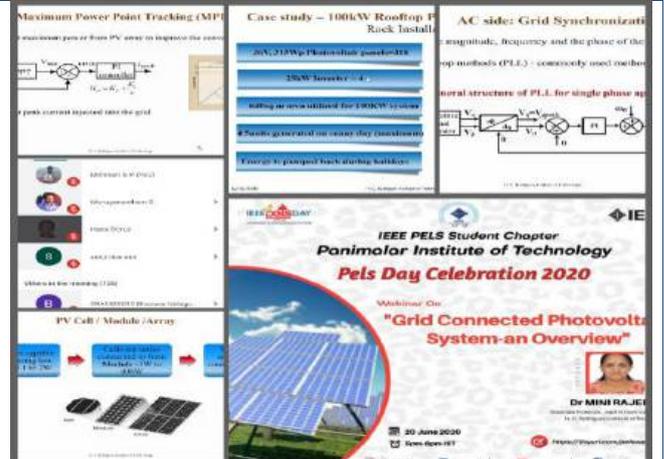
“Webinar On Becoming An Active Member In Ieee PELS”

IEEE PIT SB in collaboration with IEEE,PELS organized a webinar on Becoming an Active in IEEE PELS by Ms Katherine A Kim. Associate professor, dept of electrical engineering, National Taiwan University on 20 June 2020 from 2 -3PM. The speaker began elucidating about the PELS membership benefits such as Publications, Online subscriptions, Conferences & workshops, Resource center, Networking Technical committees. The speaker further continued with Education/Student Activities. She also insisted the participants to build their knowledge with latest technologies. Around 136 participants attended the event. Student Coordinators Indhumathi.G & Mithresh Coordinated the event with Mr.M.Arun, IEEE SBC.



“Webinar on Grid Connected Photo Voltaic System – An Overview”

IEEE PIT SB in collaboration with IEEE,PELS organized a webinar on Grid Connected Photo Voltaic System – an Overview by was Dr Mini Rajeev, Associate Professor, dept. of electrical engineering, Fr.C.Rodrigues Institute of Technology on 20 June 2020 from 5-6PM. The speaker began elucidating about Solar Photovoltaic System. The speaker further continued with types of Solar Photovoltaic Systems. In addition, she also continued with main components of Grid-PV Interface. The topics covered are Power conversion stages, Types of Installations, Current Controller. Around 178 participants attended the event. Student Coordinators Indhumathi.G and Mithresh coordinated the event with Mr.M.Arun, IEEE SBC.



“Tale A Six Word Story”

IEEE PIT SB in collaboration with IEEE,PELS organized contest on the topic Tale a Six Days Word Story on 20 June 2020. Around 203 participants attended the event from across different educational institutions. The participants were provided with different images and asked to tale a six word story from those images. Student Coordinators Indhumathi.G and Mithresh coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“Career Enhancement Talk - What Do Companies Expect From A Fresher ?”

IEEE PIT SB in collaboration with IETE-ISF, IEEE, IIC, SSIT, Photonics SBC'S organized Career Enhancement talk on the topic What do Companies expect from a fresher? by Mr Tony Kaleb, CEO – Astrone on 22 June 2020 from 11.00AM – 12.00PM IST. The Webinar began with Mr Tony Kaleb, sharing his interview experiences and various tips to face the interview with more confidence. He also insisted the participants to judge & assess themselves and not let others to assess their capability. The speaker also shared various information regarding Entrepreneurship. 197 participants attended the event. Student Coordinators Kavitha sri, Preeti PM & Gajalakshmi Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Workshop on Become an Ethereum developer for Blockchain Project Development “

CSE Dept., IEEE PIT SB, IEEE Computer Society SBC, CSI PIT Organized an Five Days Hands on Workshop on become an Ethereum developer for blockchain project development during 22nd to 26th JUNE 2020 by Mr.V.S.Rajan, Chief Technology Officer, Adhityaa Infomedia Technologies, Chennai, India. Speaker delivered the session by introducing about the concepts of Blockchian and how to develop a project using it. All 5 days were done with Theory session followed by hands on sessions. Over 52 participants participated in this event from various parts of India. Staff coordinator Dr.S.Hemalatha successfully completed the event.



“Six Days Faculty Development Program On Cs8392 Object Oriented Programming”

CSE Dept., IEEE PIT SB, IEEE CS SBC, CSI PIT Organized a Six days online FDP on CS8392 Object Oriented Programming during 22nd June 2020 to 27th June 2020. Mr.G.Jegan currently working in Accenture, had a wide knowledge on Java presented an electrifying session for six days by providing a practical and interactive session among faculties. vote of thanks given by Ms.Sai Prabha, the Student Coordinator. 100 participants participated and benefited. Dr.T.KalaiChelvi, Professor & Dr.W.Gracy Theresa, Assistant Professor coordinated the event.



“FDP on Artificial Intelligence “

IT Dept. in association with IEEE PIT SB and IEEE Information Theory Society SBC organized a Seven Days Online FDP on Artificial Intelligence with Data Science during 22.06.2020 – 28.06.2020. Speakers discussed the increased demand for advanced predictive and prescriptive analytics and data and Demand for Data professionals is on rise and will continue to increase, Data Science and AI field will see a lot of opportunities. Speakers of the event:Dr. R. Anuradha Ph.d., Associate Professor, Department of CSE, Sri Ramakrishna Engineering College, Mrs.D.Darling Jemim M.E., Assistant Professor(OG), Dept of CSE, Sri Ramakrishna Engineering College. Dr.DhaliaSweetlin, Assistant Professor(Sr Grade)/IT, MIT campus, Dr. J. Daphy Louis Lovenia, Ph.D. Professor of Mathematics, Karunya Institute of Technology and Sciences. Dr. Dharani SenthilKumar Ph.d.,Founder-Vani Analytics, Data Science Expert, Chennai.

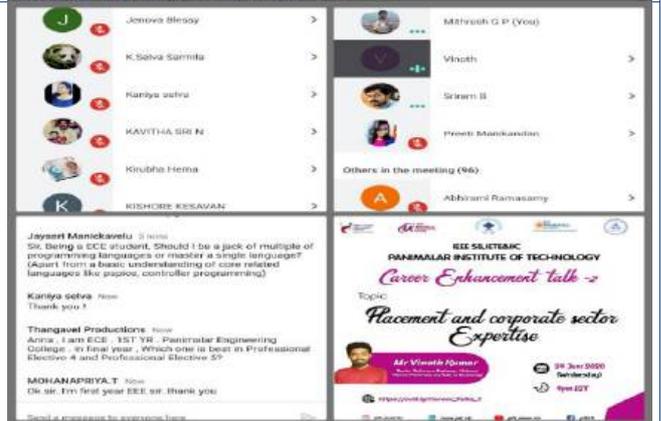
“Alumni Talk – 1- Sculpting Self By Hearing Hearts.”

IEEE PIT SB in collaboration with IETE-ISF,IEEE,IIC,IAS,PES SBC’S organized Alumni talk - 1 on the topic Sculpting Self by Hearing Hearts by Mr Mr Leo Akash Raj, Founder & President, Pretty Lil hearts (NGO) on 23rd June 2020 from 11.00AM –12.00PM IST. Speaker shared his experience in serving society, he insisted participants to take it as a passion and help the need. 122 participants attended the event. Student Coordinators Vihasini, Naveen, Indhumathi & Gajalakshmi coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



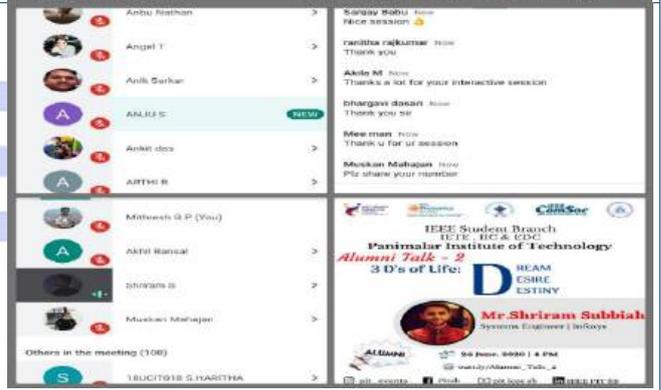
“Career Enhancement Talk – 2 - Placement And Corporate Sector Expertise”

IEEE PIT SB in collaboration with IETE-ISF,EDC,IIC,IEEE RAS & Photonics SBC’S organized Career Enhancement talk - 2 on Placement and Corporate Sector Expertise on 24 June 2020 from 4.00PM –5.00PM IST. The speaker was “Mr Vinoth Kumar, Senior Software Engineer, Infosys.”. The Webinar began with Mr Vinoth, sharing his interview experiences, types of questions asked, tips to tackle in hard times during interview. He explained about projects and also insisted the participants to learn one programming language in detail. He also delivered his views on higher studies during this covid 19 risk. 123 participants attended the event.



“Alumni Talk – 2 - 3 D’s Of Life – Dream , Desire And Destiny”.

IEEE PIT SB in collaboration with IETE-ISF,IIC,EDC,IEEE COMSOC, Photonics SBC’S organized Alumni talk - 2 on the topic 3 D’s of life – dream , Desire and Destiny by Mr Shriram Subbiah , Systems Engineer , Infosys on 26 June 2020 from 04.00AM – 05.00PM IST.Speaker elaborated 3D’s of Life.He Quoted few examples of Life of Vivekandha & Dr APJ Abdul Kalam during his talk. He shared his experience how he achieved his dream. 104 participants attended the event. Student Coordinators Vihasini, Preeti PM, Naveen, Gajalakshmi coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Career Enhancement Talk – 3 Career And Professional Development.”

IEEE PIT SB in collaboration with IETE-ISF,EDC, IIC,IEEE PELS & IAS SBC’S organized Career Enhancement talk - 3 on the topic Career and Professional Development by Mr J Navarajan, Associate Professor,ECE,PIT on 26 June 2020 from 11.00AM – 12.00PM IST. The Webinar began with Mr Navarajan, differentiating core and software companies and expectations of these companies from freshers. He further continued with how to write a winning resume,developing interpersonal skills. Finally he ended his presentation by providing tips for the participants to kick start their entrepreneur journey. 107 participants attended the event Student Coordinators Kavitha Sri, Indumathi, Gajalakshmi coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“ICIETET’20 – International Conference.”

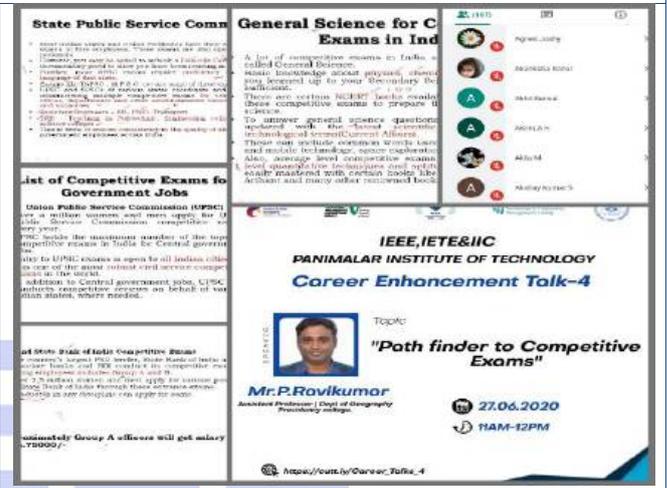
PIT in collaboration with IEEE,SAE,CSI,IET,ISTE,IETE,IIC organized AICTE Sponsored Fifth International Conference Innovative & Emerging Trends in Engineering and Technology ICIETET’20 during 26 & 27 June 2020. Dr.T.Jayanthi, Principal delivered the Welcome address. Day 1 had two Key note talks. Dr Tony Sebastian, Director of Motor Drive Systems, Halla Mechatronics, Bay City, Michigan,USA released the conference Proceedings & delivered a key note talk on Automotive Industry & Scope. Prof Ezendu Ariwa, Postgraduate Research Supervision, University of Wales Trinity Saint David, UK delivered the talk on Green Computing.



Day2 had the Conference presentation sessions. 600 Papers received out of which 150 papers were shortlisted and 135 papers registered and presented their research work. Session chairs were invited from various educational institutions and Industry. Mr.M.Arun, Organizing Secretary & IEEE SB Counsellor delivered the vote of thanks.

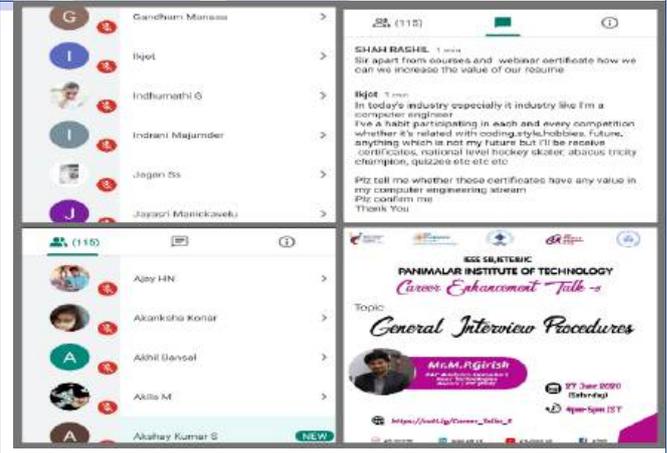
“Career Enhancement Talk – 4 - Path Finder To Competitive Exams”

IEEE PIT SB in collaboration with IETE-ISF,EDC,IIC,IEEE IAS,TEMS SBC’S organized Career Enhancement talk - 4 on the topic Path Finder to Competitive Exams by Mr P Ravikumar, Assistant Professor, Dept of Geography, Presidency College on 27 June 2020 from 11.00AM –12.00PM IST. He continued explaining about three modules required for competitive exams and also listed criteria for various exams. He also delivered information on preparation for competitive exams, also insisted the aspirants to update on current affair and also have more exposure on general science. 205 participants attended the event.Student Coordinators Kavitha sri , Preeti PM, Mithresh, Gaja Lakshmi, Indhumathi coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Career Enhancement Talk – 5- General Interview Procedures.”

IEEE PIT SB in collaboration with IETE-ISF,IEEE,IIC,RAS, ,PS SBC’S organized Career Enhancement talk - 5 on General Interview Procedures by Mr M. P Girish,SAP Analytics Consultant,Kaar Technologies on 27 June 2020 from 4.00PM – 5.00PM IST. Speaker mentioned about how to tackle the interview procedures, also insisted to kick start their placement preparation with aptitude, complete online courses and work hard to make their resume unique which grabs the attention of the HR and make them ask questions on one’s strong field. 217 participants attended the event. Student Coordinators Kavitha sri , Preeti PM, Gaja Lakshmi Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Workshop on Hands-on Core Java Programming”

IT dept. in association with IEEE PIT SB and IEEE IT SBC organized Three Days Online Hands-on Training workshop on the topic Core Java Programming during 27.06.2020 – 29.06.2020. Industry Expert from AICL has delivered the Core Java Programming Training. Course ensured that the participants were given complete hands on session using Java for various Realtime problems. 67 participants participated and benefited. Dr.R.Josphineleela,Prof/IT, Dr.S.Suma Christal Mary,Assoc.Prof/IT coordinated the event .



“Career Enhancement Talk – 6- Gateway To Software Industry”

IEEE PIT SB in collaboration with IETE-ISF,IEEE,IIC,SPS,PS SBC’S organized Career Enhancement talk - 6 on the topic “Gateway to Software Industry by Mr Vivek Anand, Senior Software Engineer, Springboard on 29 June 2020 from 4.00PM –5.00PM IST. Speaker provided a pathway for gateway to software industry.He Explained what is the current scenario in industry. He explained what all courses students should concentrate 121 participants attended the event Student Coordinators Vihasini, Indumathi,Gaja Lakshmi, Naveen coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Alumni Talk – 4- Virtual Assistants.”

IEEE PIT SB in collaboration with IETE-ISF,IEEE,IIC,PS,SPS SBC’S organized Alumni talk - 4 on the topic Virtual Assistants by Ms . Jayasangeetha J, Alumni PIT,Ms. Shruthi P S , Alumni PIT on 29 June 2020 from 11.00AM – 12.00PM IST. Speakers elaborated about how virtual assistant is used in day today life.They also demonstrated the project done by them. 88 participants attended the event Student Coordinator Kavitha Sri, Preeti PM, Mithresh coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Webinar on How to prepare for a group discussion?”

IEEE PIT SB in collaboration with IETE-ISF,IEEE,IIC,SPS,PS SBC’S organized Career Enhancement talk - 6 on the topic How to prepare for a group discussion? by Ms Ms Kanimozhi, Alumni PIT 30 June 2020 from 11.00AM –12.00PM IST.The Webinar began with Ms Kanimozhi, sharing her interview experiences and various tips to face the interview with more confidence. She continued the session by elaborating the DO’S and DONT’S during group discussion. She also insisted the participants to read more books to improve their English speaking skills which is a key point in every group discussion. Student Coordinators Vihasini, Preeti PM, Gaja Lakshmi coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Webinar on Current and future Trends in Information Technology”

PIT S&H Dept. in association with IEEE PIT SBC’s & CSI organized Webinar on Current and future Trends in Information Technology on 30 June 2020 from 6.00pm to 7.00 pm IST. The speaker was Mrs. Naveena Davay Arunkumar, Product owner, Wipro Technologies, Virginia, Alumni, PIT(CSE). Speaker shared her experience in the IT industry and also she elaborated the future trends of IT. She insisted participants to prepare data analytics AI courses and be industry ready. Around 120 participants attended the event from across different educational institutions Dr.Anna Benedict, Prof.Chem. & Mr.K.Gopinath Ap/CSE coordinated the event.



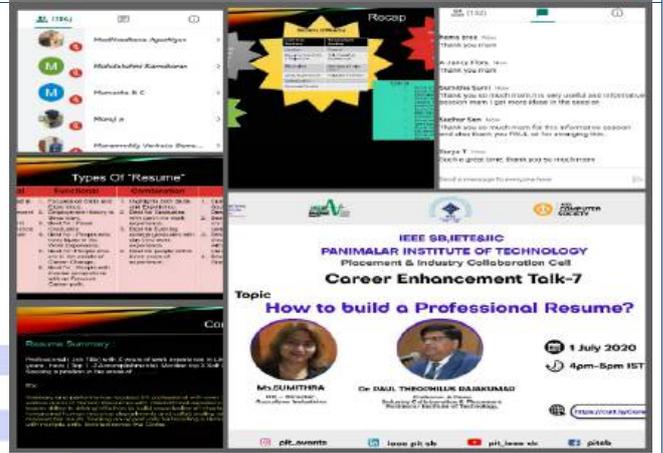
“Career Enhancement Talk – 9 Placement Preparation – Pandemic Opportunity “

IEEE PIT SB in collaboration with IETE-ISF,IEEE,IIC,IAS,PELS SBC’S organized Career Enhancement talk - 9 on the topic Placement preparation – Pandemic Opportunity by Dr S Elangovan, SB Counsellor, Professor, Jonsons Institute of Technology on 30 June 2020 from 6.00PM –7.00PM IST. The speaker started the session by saying “Self Learning is the Best Learning”. He raised certain questions regarding placements and interview in this covid 19 risk and also provided explanation for the same. The speaker also delivered more information about Infosys and TCS Certification courses. 194 participants attended the event Student Coordinators Kavitha sri, Preeti PM, Gaja Lakshmi Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Career Enhancement Talk -- How To Build A Professional Resume?”

IEEE PIT SB in collaboration with IETE-ISF,IEEE,IIC, IAS,CS SBC’S organized Career Enhancement talk -7 on the topic How to build a professional resume? by Ms Sumithra,HR Director, Accudyne Industries and Dr. Paul theophilus Rajakumar, Professor &Dean, PIT on 01 July 2020 from 11.00AM – 12.00PM IST. Webinar began with the speaker indicating the importance of resume in one’s professional career. It is an entry key for every interview and the speaker continued with the tips for building a professional resume. 215 participants attended the event Student Coordinators Kavitha sri, Preeti PM and Mithresh coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



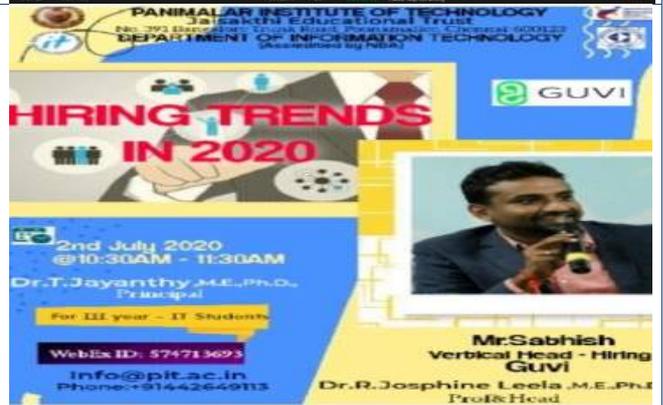
“Webinar on Stress Management”

IT dept. in association with IEEE PIT SB, IIC and IEEE Information Theory Society SBC,CSI organized an online webinar on Stress Management on 02.07.2020. Dr. V. Sabitha, M.B.B.S.,M.D, Associate Professor of Psychiatry, Stanley Medical college and Hospital, Chennai has delivered the talk. The motive of the webinar is to make the students aware of different ways of stress management during this COVID-19 pandemic. Speaker explained several ways by which we can reduce stress & how to handle stress in an easy way. Around 122 students participated. Dr.R.Josphineleela, Prof & Head/IT, coordinated the event



“Webinar on Hiring Trends in 2020”

IT dept. in association with CSI, IIC and IEEE Information Theory Society SBC organized an online Webinar on Hiring Trends in 2020 for the college students on 02.07.20. Mr.Sabshish, Verbal Head, Hiring GUVI has delivered the talk. The speaker elucidated about the various trends of hiring in 2020 and stressed the participants to take several online tests before attending the actual interview assessments. He concluded the session by providing lot of resources for the students to prepare for online assessments. Around 180 participants participated. Dr.R.Josphineleela, Prof & Head/IT, coordinated the event.



“Webinar on Future Hiring”

IT Dept. in association with IEEE PIT SB, IIC and IEEE Information Theory Society SBC organized an online webinar on the topic of Future Hirings on 02.07.20 for IT students. Ms. Florin Sheeba, Program Manager (Placements/Hiring), Coimbatore delivered the topic. She elaborated the participants about the online assessments and hiring strategies and also stressed them to focus on coding platforms. She also explained about the importance of Artificial Intelligence and Data Science which created impact among the participants. Around 181 participants participated. Dr.R.Josphineleela, Prof & Head/IT, coordinated the event.



“Alumni Talk on the topic Career Guidance”

IT Dept. in association with CSI, IEEE PIT SB, IIC and IEEE Information Theory Society SBC organized Alumni Talk on the topic Career Guidance for the students. His talk helped the students to get some insights to identify career options and narrow down to make career decision. This session was very useful for the students to understand various tools and technologies which are booming right now. Nearly 140 participants participated. Mrs. R. Dhanalakshmi, Assoc Prof/IT, Mrs. R. Dharani, Assoc. Prof. & Mrs. M. Jeena, AP/IT Coordinated the event.



“Alumni talk on Lessons from Life Hacking Opportunities”

IEEE PIT SB in collaboration with IETE-ISF,IEEE,IIC,IAS,WIE SBC’S organized Alumni talk - 5 on the topic “Lessons from Life Hacking Opportunities” on 03 July 2020 from 10.00AM – 11.00AM IST. The speaker was Ms S Priyadharshini, IEEE Member & ISTE Chapter Best Student Award 2019, Alumni PIT. The speaker initiated the session by sharing her experiences and thoughts in grabbing opportunities. She further continued with tips for aptitude preparations and also shared her interview experiences. She insisted participants to be practical and help others. Around 96 participants attended the event. Student Coordinators Preeti PM, Naveen coordinated the event with Mr.M.Arun, IEEE SB Counselor.



“My IEEE Letters: Life Is All About Making Connections”

IEEE PIT SB in collaboration with IETE-ISF,IEEE,IIC,IAS,PS SBC’S organized Alumni talk - 6 on the topic “My IEEE Letters : Life is All About making Connections” on 03 July 2020 from 10.00AM –11.00AM IST. The speaker was “Ms Indhumathi Gunasekaran, REM Scholar, UPE Scholar, Alumni PIT and Ms Kavitha Sri, REM Scholar, Alumni PIT”. The event was to outline and inculcate more about the benefits of networking and opportunities in making connections. The speakers shared their experience and the benefits in networking, they also elucidated the advantages that one gain during exploring. Speakers insisted all members to become IEEE Members and utilise the benefits of IEEE. Around 88 participants attended the event. Student Coordinators Gajalakshmi, Mithresh, Indhumathi coordinated the event with Mr.M.Arun, IEEE SB Counselor.



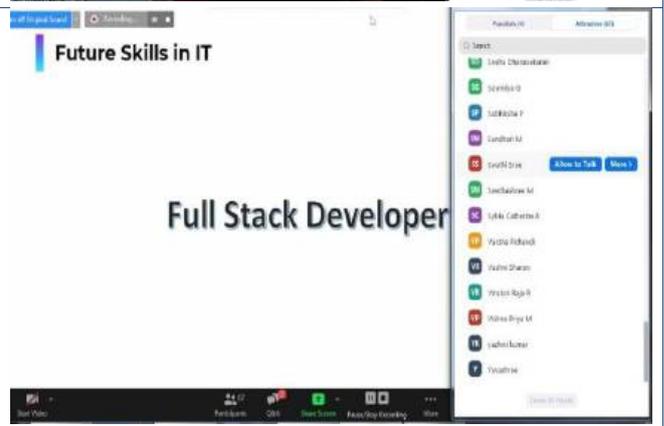
“Webinar on Personality Development”

IT Dept. in association with CSI,IEEE PIT SB, IIC and IEEE ITS SBC organized an Online Orientation programme for the students on the topic of Personality Development on 03.07.20. Ms. Senthamarai Selvi Vasudevan, Senior Business System Analyst, Boehringer, Ingelheim, Singapore has delivered the topic. Speaker explained How to develop personality. She discussed about the nature of personality and its importance. In her speech she mentioned that personality is a quality through which we can communicate somebody else. Around 181 participants participated. Dr.R.Josphineleela, Prof & Head/IT, coordinated the event.



“Webinar on Future Skills in IT”

IT Dept. in association with CSI,IEEE PIT SB, IIC and IEEE ITS SBC organized an online webinar on Future Skills in IT on 03.07.2020. Mr. Balamurugan, Co Founder & CEO GUVI & IIT, Madras Incubated Company has delivered the topic. Speaker highlighted current expectations of IT sector. He asked participants to undergo online courses like Data Science, AI, AR/VR, Etc., using online platforms like Coursera, Udemy, Khan Academy, etc., He insisted students to upgrade their Digital skills. This session was very useful for the students to understand various tools and technologies which are booming right now. Around 181 participants participated. Dr.R.Josphineleela, Prof & Head/IT, coordinated the event.



“FDP on Recent Trends in Computing Technologies & Tools”

IT Dept. in association with CSI, IEEE PIT SB, IIC and IEEE Information Theory Society SBC organized four days online Faculty development program for the college staff on the topic of Recent Trends in Computing Technologies and Tools: an Industry perspective from 03.07.20 to 07.07.20. The sessions were remarkable and useful for the participants to gain knowledge about deep learning, neural networks, Industry Network Architecture and Analytics using Power Bi. FDP participants were motivated to do research activities and various projects in diverse fields. M.Krishnaraj,Assistant Professor/IT, R.Praveen kumar, Assistant Professor/ITCoordinated the event. 124 participants participated. The resource persons of the event are.Mr.L.Hari prasad Head, Center for Software Development,Kumaraguru College of Technology, Coimbatore, Mr.S.M.Shabeer, Network Architect Consultant,Qatar Foundation Information Technology,QatarMrs. Jesna Mohan, Assistant Prof. / CSE, Mar Baselios college of Engineering and Technology, Trivandrum,Dr. Tessy Mathew, Associate Prof. & Head / CSE, Mar Baselios college of Engineering & Technology,Trivandrum

“Online Workshop – Data Science”

IEEE PIT SB in collaboration with IETE-ISF,IIC,IEEE,CS SBC organized online workshop on the topic “Data Science” on July 04 2020 from 8.00PM – 10.00PM IST. The Speaker was “Mr Rahul Janghu, Mentor & Developer @ Coding Blocks”. Around 350 participants attended the session from around different educational institutions. The speaker initiated the session by diving deep into basics of python programming and the applications of python in recent trend. In Addition, the speaker continued with data science and how it is useful in today’s world. He further continued with introduction to Data Scraping, its applications in real world. The session further had more insights into Requestlibrary, BeautifulSoup. Mr M Arun , SB Counselor coordinated the session.



“Career Development”

IT Dept. in association with IEEE PIT SB, IIC and IEEE Information Theory Society SBC organized Online Webinar on Career Development on 04.07.20. The resource person was Ms. Sakthi Chandini BG, System Engineer(Data Engineer), Cognos Analytics, IBM India Private Limited. Speaker started her session with a small Moral story. Highlights of her talk includes Multiple career opportunities, ways to preparation, multiple Examinations and tips to crack them. She also explained the hiring strategies in IT companies and also shared few tips to prepare for assessments. Around 180 students participated and benefitted. Dr.R.Josphineleela, Prof & HOD/IT coordinated the event.



“She Is My Role Model– Essay Writing Contest”

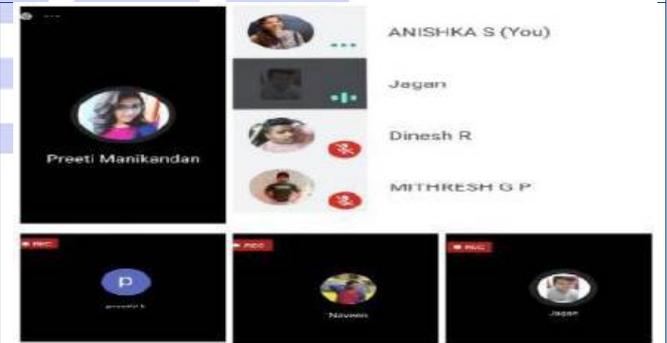
IEEE PIT SB in collaboration with IEEE WIE organized a Essay Writing contest on the topic She is My Role Model. Around 90 participants attended the event. This contest is all about essay writing – about their female role model and the things that they have learnt from her giving many instances. This essay writing contest helped the participants to bring out their creativity skills in writing. Student Coordinators Indhumathi, Mithresh, Vihasini coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“A Moment In My Story– Video Making Contest”

IEEE PIT SB in collaboration with IEEE,WIE organized a Video making contest on the topic “A Moment In My Story” . Around 61 participants attended the event from across different educational. This contest is all about video making – explaining a fabulous and inspirational moment in one’s life with maximum video length : 1 minute and max size : 100 MB. E – Certificate is provided to all the participants. Student Coordinators Indhumathi, Kavitha Sri, Jagan coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“IEEE Ob’s / Ex-Com Meeting”

IEEE PIT SB organized OB’S/Ex-Com meeting on 09.07.2020 at 6.30-7.30 PM IST. The main agenda of this meeting was to increase the membership & to discuss upcoming events. Mr M Arun, IEEE SB Counsellor addressed the members regarding future events and discussed various new tactics for the membership development of SB. Around 66 members OB’S of society also joined the discussion. The attendees and the organizers came up with various methods to increase membership and improve the outreach of all the events. Ms. Anishka, Chair proposed the vote of thanks.



“Webinar on Fantastic Five Soft Skills Every Technical Professional Should Develop”

IEEE PIT SB in collaboration with IEEE,WIE organized webinar on the topic “Fantastic Five Soft Skills Every Technical Professional Should Develop.” on 10 July 2020 from 5 -6PM. The speaker was Ms Susan Kathy Lead, IEEE 2020, President Elect. Around 157 participants attended the event from across different educational institutions. The main agenda of the event was to outline and inculcate more knowledge and insights regarding 5 soft skills which every professional should know. The speaker began explaining the 5 important soft skills and their role in one’s professional life. There was a Q&A forum followed by the session where the speaker answered various queries of the participants. Finally the speaker ended the session by providing her contact details and her experience. Student Coordinators Indhu, Kavitha and Jagan coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Webinar on Research and Innovation – A Tool for Women Empowerment”

IEEE PIT SB in collaboration with IEEE,WIE organized webinar on the topic Research and Innovation – A Tool for Women Empowerment on 10 June 2020 from 11 -12PM. The speaker was Prof. Celia Shahnaz, chair IEEE Bangladesh Section, Professor, Dept of EEE, BUET, Dhaka, Bangladesh. Around 86 participants attended the event The main agenda of the event was to outline and inculcate more knowledge and insights regarding research opportunities for women. The speaker began the session by elucidating the various opportunities in Research & Innovation in IEEE. She further explained how it acts as a tool for women empowerment with illustrations. Finally, there was a Q&A forum followed by the session where the speaker addressed various queries of the participants. Student Coordinators Indhumathi.G , Mithresh, Vihasini, Gajalakshmi Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



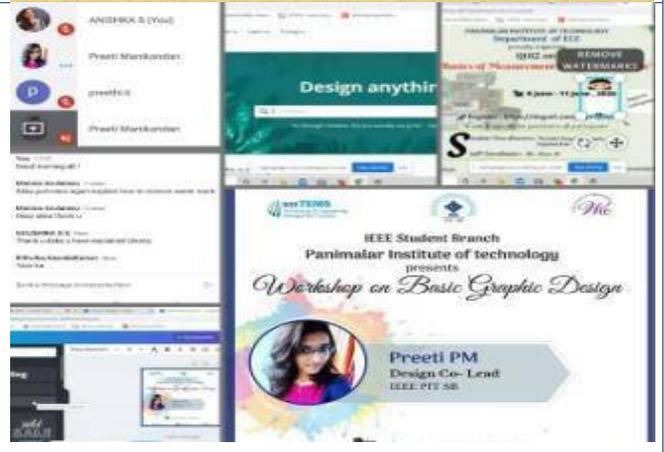
“FDP on Agile Methodologies, IT Security & Deep Generative Models”

IT Dept. in association with CSI, IEEE PIT SB, IIC and IEEE ITS SBC organized Three days Faculty Development Programme on Agile Methodologies, IT security and Deep Generative models from 9th July 2020 to 11th July 2020 for Faculty Members. FDP helped everyone to acquire knowledge in Essence of Agile, Generative Adversarial Networks, and Risk Management in IT Security. Sessions were very useful to all the participants to understand various tools and technologies used in present IT industries. Dr.J.Chenni Kumaran Ph.D(CSE), Professor/IT , M.Krishnaraj,AP/IT, R.Praveen kumar, AP/IT & Mr.A.Palaniraj,AP/IT coordinated the event.Resource persons are Mr. K.Sathya Narayan Gupta, Vice President of R&D, Dr. Jisha John, Associate Professor/CSE ,Mar Baselios college of Engineering and Technology, Trivandrum, Mrs.B.Lakshmi, IT Security Analyst, Oracle India Pvt., Ltd, Chennai



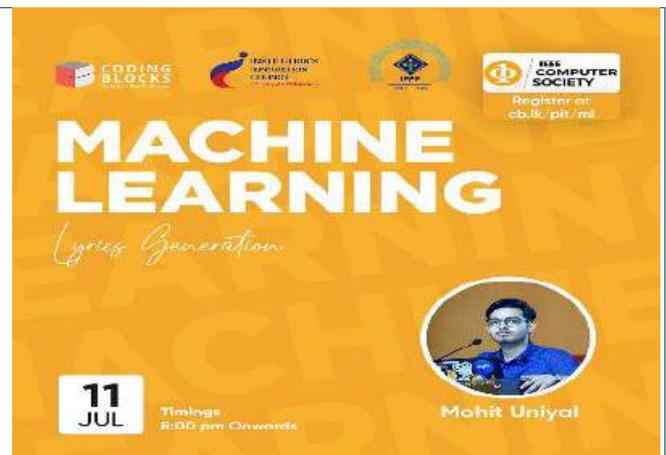
“Workshop on Basic Graphic Design”

IEEE PIT SB in collaboration with IEEE, TEMS,WIE organized online workshop on Basic Graphic Design on 11 June 2020 from 6 -7PM. The speaker was Ms Preeti PM, Design Co Lead, IEEE PIT SB. Around 58 participants attended the event. The main agenda of the event was to outline and inculcate more knowledge and insights regarding graphic design. The speaker began the session by explaining various protocols to be followed while designing. She further continued with designing a poster and explaining various tools and operations present. Finally, the speaker ended the session with Q&A forum where she addressed various queries of the participants. Mr.M.Arun, IEEE SB Counselor coordinated the event



“Online Workshop – Machine Learning”

IEEE PIT SB in collaboration with IIC, IEEE,CS SBC organized online workshop on Machine Learning on July 11 2020 from 8.00PM – 10.00PM IST. The Speaker was Mr Mohit Uniyal, Mentor @ Tensorflow at Google code-in. Around 425 participants attended.Speaker initiated the session by diving into basics of python programming and the applications of python in recent trend. In Addition, the speaker continued with the introduction about machine learning, its algorithms and applications of machine learning in recent world. The main of this workshop is about Lyrics Generation The speaker made the session very interactive and also addressed various queries of the participants. Ms Indhu, Mr Mithresh, Ms Gajalakshmi coordinated the session with Mr M Arun , SB Counselor.



“What’s Next?”

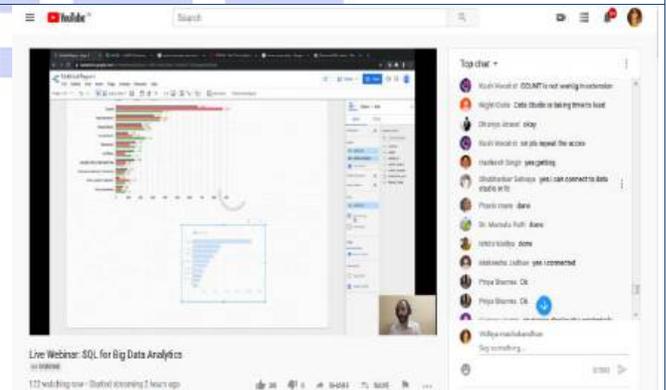
Department of Information Technology in association with CSI,IEEE PIT SB, IIC and IEEE Information Theory Society SBC organized Webinar for the college students on the topic of What’s Next? on 11/07/20. Resource person of the event was Mr. M.S. Balamurugan, Chief Talented Officer, Panimalar group of Institutions. Speaker elaborated on career opportunities for engineering students. His talk focused on how students should prepare for various competitive exams, How to prepare for placements, what is the expectations of Industry, What are all the skill sets students should develop, etc., Session ended with Q&A. Around 181 students participated. Dr.R.Josphineleela,Prof & HOD/IT, Dr. S. Suma Christal Mary, Assoc.Prof/IT coordinated the event.

“World Population Day– Quiz Contest”

IEEE PIT SB in collaboration with IEEE,PES,IAS,PS SBC’S organized a quiz contest on the topic World Population Day on 11 July 2020. Around 180 participants attended the event. The main agenda in conducting this quiz contest is to create awareness regarding global population issues and the tremendous increase in population in last few decades. E – Certificate is provided to all the participants who attend the quiz contest. Student Coordinators Indhumathi and Jagan coordinated the event with Mr.M.Arun, IEEE SB Counselor.

“Webinar on SQL for Big Data Applications”

CSE Dept., in association with Turnip Innovations, IEEE Computer Society, CSI, IIC organized a webinar on “SQL FOR BIG DATA APPLICATIONS” by Dr. Rahul Kapoor is the Data Architect of IPGRAM on 11.07.2020 at 4PM- 6PM.Dr. Rahul Kapoor shared his knowledge about SQL During his talk he Highlighted that SQL is one of the most widely used languages for extracting data from databases in traditional data warehouses and big data technologies. The Event is initiated and supported by Dr.V.Subedha HOD/CSE and coordinated by Dr.S.Hemalatha Professor and Mrs.M.Vidhya Asst.Professor of CSE Department.



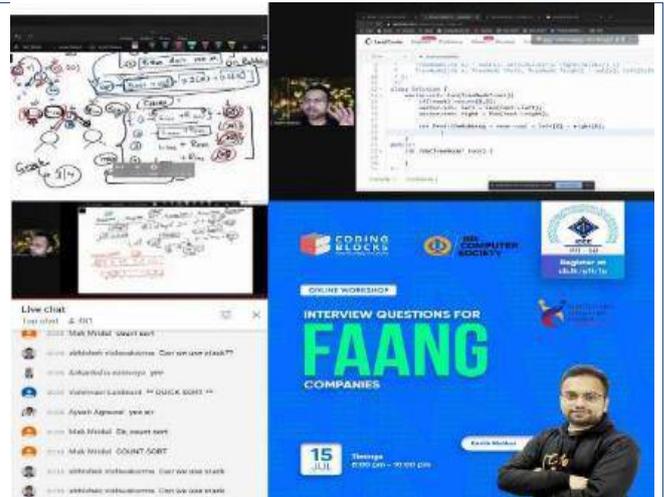
“Webinar on Efficient Uncertainty Modeling for Optimal Planning and Operation of Modern Power Systems”

IEEE PIT SB in collaboration with IEEE,PES,TEMS,CS,WIE SBC’S organized a webinar on the topic “Efficient Uncertainty Modeling for optimal planning and operation of Modern power systems” on 14 July 2020 from 11 -12PM. The speaker was “Dr C V Chung, NSERC/Saskpower senior industrial chair in Smart Grid Technologies, Canada.” Around 105 participants attended the event.The speaker began the session by providing brief description on Modern Power Systems and continued with the optimal planning for its operation. Student Coordinators Indhumathi.G, Jaganathan, Indhumathi G, Mithresh coordinated the event with Mr.M.Arun, IEEE SB Counselor.



“Online Workshop – Interview Questions for FAANG Companies”

IEEE PIT SB in collaboration with IETE-ISF,IIC, IEEE,CS SBC organized online workshop on the topic “Interview Questions for FAANG Companies” on July 15 2020 from 8.00PM – 10.00PM IST. The Speaker was “Mr Kartik Mathur, Instructor & Product Engineer @ Coding Blocks.” Around 314 participants attended the session.The speaker initiated the session by explaining the difficulties during covid 19 period and the steps to be taken by everyone to upgrade in their career. The speaker further elucidated the interview procedures and tips and tricks to prepare for FAANG Companies. The speaker made the session very interactive and also addressed various queries of the participants. Ms Preeti Kumaravel , Ms Preeti manikandan coordinated the session with Mr M Arun , SB Counselor.



“Webinar on Let’s Explore XTREME”

IEEE PIT SB in collaboration with IEEE, CS organized a webinar on the topic Let’s Explore Xtreme on 15 July 2020 from 4 -5PM. The speaker was Mr S Adwaith, R 10 Asia Pacific Lead, IEEE Xtreme 14.0. Mr Soumith Nuguri, Official Team Member, IEEE Xtreme 14.0. Around 91 participants attended the event. The speaker began elucidating about IEEE Xtreme, the eligibility criteria, the importance and benefits of participating in this competition. The speaker also shared some moments and his experience in Xtreme. Student Coordinators Indhumathi, Gajalakshmi G, Indhumathi and Mithresh coordinated the event with Mr.M.Arun, IEEE SB Counsellor



“International Webinar on “How to Write Proposal For Funding’s?”

CSE Dept. in association with CSI organized an International Online Webinar titled “How to write proposal for Funding’s?”on 15th July 2020 by Dr. C. Amudhadevi Professor, Department of IT, Prince Shri Venkateswara Padmavathy Engineering College, Chennai. Speaker delivered the session by introducing about various funding agencies in India & procedure to apply for funding’s, He also explained patent and career opportunities available in India. Around 120 participants participated in this event from various parts of India. Staff coordinator Dr.S.Hemalatha and Ms.R.Christina Rini Coordinated the event.



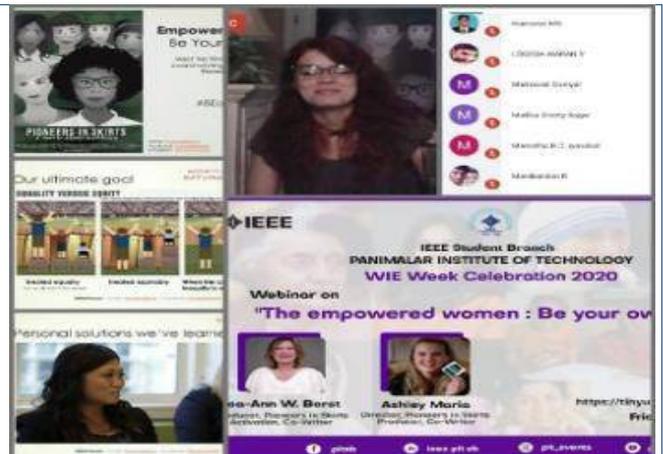
“Online Workshop – Interview Preparations in Java”

IEEE PIT SB in collaboration with IEEE , CS SBC organized online workshop on Interview Preparations in Java by Ms Garima Chhikara , Mentor & Developer @ Coding Blocks on July 16 2020 from 8.00PM – 10.00PM IST. Around 465 participants attended the session. The speaker initiated the session by diving into basics of python programming and the applications of python in recent trend. She further continued with basics of deep learning, where he started his presentation by defining Deep Learning and its applications in today’s world. Student Coordinators Ms Indhu, Mr Mithresh, Ms Gajalakshmi, Ms Indhumathi coordinated the session with Mr M Arun , SB Counsellor.



“Webinar on the Empowered Women – Be your own Hero”

IEEE PIT SB in collaboration with IEEE WIE organized a webinar on the topic The Empowered Women- Be Your Own Hero by Ms Ms.Lea Ann W Berst, Producer, Pioneers in skirts Activation, Co-writer. Ms Ashley Maria, Director, Pioneers in skirts Activation, Co-writer on 17 July 2020 from 6 -7PM as a part of WIE Week Celebration. Around 77 participants attended the event. The speakers began the session by sharing their experiences and thoughts in women empowerment. Speakers shared their own experience. Finally the speaker ended the session with Q&A forum where the speakers addressed various queries of the participants. Student Coordinators Indhumathi, Kavitha sri and Jaganathan coordinated the event with Mr.M.Arun, IEEE SB Counselor



“Online Workshop – Webapps with Node Js”

IEEE PIT SB in collaboration IIC, IEEE,CS SBC with organized online workshop on WebApps with NodeJs by Mr Tathagat Thapliyal, Mentor & Developer @ Coding Blocks on July 18 2020 from 8.00PM – 10.00PM IST.”. Around 650 participants attended the session. The speaker initiated the session by diving into basics of python programming and the applications of python in recent trend. He further continued with basics of web apps and their applications and usage in this covid period .Further, the speaker continued elucidating about web apps with Node Js.. Student Coordinators Ms Indhu, Mr Mithresh, Ms Gajalakshmi, Ms Indhumathi coordinated the session with Mr M Arun , SB Counselor.



“All about Mandela – Quiz contest”

IEEE SB in Collaboration with IEEE PES,RAS,IAS SBC'S organized Online Quiz Contest on All About Mandela on 18 July 2020 . Around 68 participants participated in this quiz contest. The main agenda in conducting this quiz contest is to enlighten people’s mind with Mandela’s memories on his birthday. Dhanushya from Cauvery College for Women Secured 1st Prize followed by Vineela from Panimalar Institute of Technology along with Aravind G from Panimalar Institute of Technology Secured 2nd Prize and Venkatesh from Vagdevi College of Engineering along with Vidya sri from Panimalar Institute of Technology Secured 3rd Prize. Student Coordinators Indhumathi G and Jaganathan P coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Speak Up, Singapenne Contest”

IEEE PIT in collaboration with IEEE,WIE organized a contest on the topic SPEAK UP , SINGAPENNE as a part of WIE WEEK CONTEST 2020. Around 62 participants attended the event from across different educational institutions. This contest is all about speaking – it’s all about sharing their darkest moment in life and the steps taken to overcome the same. The Interesting thing is, there is no judging panel and everyone were awarded for their incredible stories. Student Coordinators Indhumathi, Naveen, Kavitha Sri coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



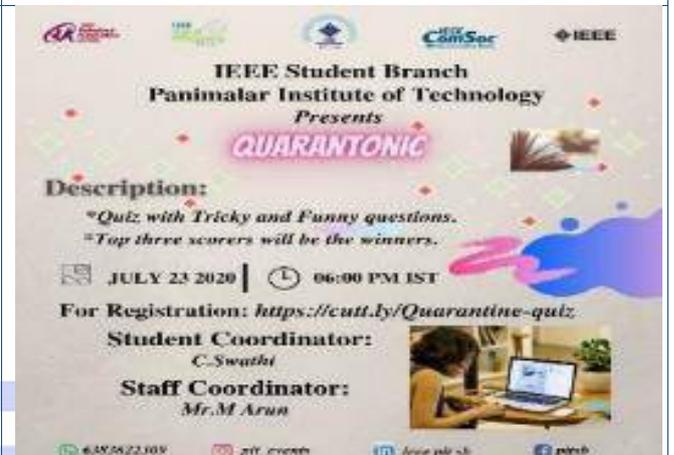
“Webinar on Next Level Leadership”

IEEE PIT SB in collaboration with IEEE, WIE organized webinar on the topic Next Level Leadership by Mrs. Nita Patel, IEEE Women in Engineering International leadership Conference Founder & Chair on 20 July 2020 from 4-5PM as a part of WIE Week celebration 2020. Around 98 participants attended the event. The event focused to outline and inculcate more knowledge and insights regarding leadership. The speaker mentioned the qualities of a leader and do’s and don’ts, stages to attain leadership. Finally, the session ended with Q&A forum where the speaker addressed various queries of the participants. Student Coordinators Indhumathi, Vihasini, Gajalakshmi, Mithresh coordinated the event with Mr.M.Arun, IEEE SB Counselor.



“Quarantonic Quiz Contest”

IEEE SB in association with IEEE SP, COMSOC, RAS organized Online Quiz Contest on 23 July 2020. The event is organized in order to test the IQ of students by giving them a tricky questions which makes them to think and to test their English knowledge. 75 Students participated in this event. In this Students were asked to show their English knowledge and their thinking skills on the topic "Quarantonic". Aswathy Gopalakrishnan secured 1st place from SCMS School of Engineering and Technology, Mohana Priya.N Secured 2nd place from Ethiraj college for women, Geetika Gopinath secured 3rd place from SCMS School of Engineering and Technology, Hephzibah.J. S.Student Coordinator Swathi.C Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Guess the Word Contest”

IEEE SB in association with IEEE CS, IAS, IEEE IMS, EMC SBC organized Guess the Word contest on 23-25 July 2020. The event is about to enhance the guessing skills of participants. Images were posted on our SB social media pages, participants were asked to find the common word from the given images. Top 3 correct answers of a day was awarded. Around 70 Students participated in this event from various Educational institutions. Student Coordinator Suja PM coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Spot the Difference Contest”

IEEE SB in association with IEEE EMC, Communication society, Robotics & Automation organized Online Spot the difference contest on 24 July 2020. The event was to boost the visual search skill of the participants. Two similar images were shown to the participants and they were asked spot the difference between the two. Event was time-based challenge. Around 78 Students participated in this event from different parts of the country. V.harish madhavan from sri Vidhya Mandir senior secondary school and Saroja Narayan Gouda from KLE institute of technology Hubballi secured 1st place followed by Ananya Rajesh from SCMS and SREDEV PS from mar Baselios College of engineering and technology secured 2nd place. Abhirami j pradeep from mar baselios college of engineering and technology secured 3rd place. Student Coordinator Shaveetha.k and subhashini.V Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Tongue Twister Contest”

IEEE SB in association with IEEE, EDS, CS ,IIC, BTS organized Online Tongue twister contest on July 24 2020.The event is organized in order to make students to assess and imparts pronunciation and fluency in English language. 28 Students participated in this event. Varsni RS from Sri Sairam engineering college secured 1st place, Sandriya Albert from Amrita school of biotechnology secured 2nd place, Jubin Thaj from Amal Jyothi college of Engineering and Vadla Sai Prakash Chary from Geethanjali college of engineering and technology secured 3rd place. Student Coordinator Shaveetha.K and Subhashini.V coordinated the Event with Mr.M.Arun IEEE SB Counsellor.



“Webinar on Racing With Machine – Deep Learning Vs Machine Learning”

CSE Dept.in association with CSI, IEEE Computer Society organized an Online Webinar on “Racing With Machine – Deep Learning Vs Machine Learning ” on 24 July 2020. The session was handled by Mrs.Tamizharuvi Arikrishnan, Information Architect/Data Scientist, IBM. Speaker particularized knowledge on Deep Learning and Machine Learning. She also highlighted the major difference between DL & ML. Her talks highlights includes how deep learning is driving Many recent AI advances, She also presented several case studies. She also insisted participants to learn DL&ML. Overall 108 participants from Various Colleges are Participated in the Webinar. Dr.S.Hemalatha, Professor/CSE and Mrs. K.Suja Rajeswari, Assistant Professor/CSE Coordinated the event.



“Online Workshop – Digital Marketing”

IEEE PIT SB in collaboration with IEEE,BTS,COMSOC SBC organized online workshop on the topic “Digital Marketing” on July 25 2020 from 8.00PM – 10.00PM IST. The Speaker was “Mr NILESH GUPTA, Mentor & Developer @ Coding Blocks”. The speaker initiated the session by explaining basics of digital marketing and continued with funnel based marketing. In addition, the speaker mentioned which data points should we keep track on, what is UTM and how tracking works. Finally, the speaker explained about GA and GTM. Around 124 participants attended the session from around different educational institutions. Student Coordinators Ms Indhu, Mr Mithresh, Ms Gajalakshmi, Ms Indhumathi coordinated the session with Mr M Arun , SB Counselor.



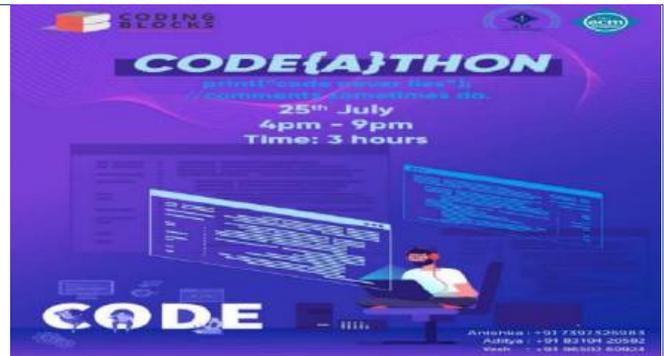
“Speed It Up”

IEEE SB in association with IEEE WIE, SPS,ITS,Procomm organized Speed it up Quiz contest on Current Affairs on 25 July,2020. 62 Students participated in this event. Kanigha from Jaivins academy,Attur and Kalaiarasan from Bannari Amman Institute of Technology secured 1st place, Aparna from panimalar Institute of technology and Indhumathi from Panimalar institute of technology,Chennai secured 2nd place,Sanjay from MGR University secured 3rd place .Student Coordinators Naveen Prasath M, Mithresh GP and Krishna Prasad Coordinated the event with Mr.M.Arun , IEEE SB Counsellor.



“Code{A}Thon – Online Coding Contest”

IEEE PIT SB in collaboration with Manipal University Jaipur and ACM organized coding contest CODE{A}THON on 25 July 2020 from 4-9PM for 3 hours. Around 110 participants attended the event. This online coding contest was framed to develop & bring out the coding skills in every participant. The participants actively participated in the contest and submitted their answers for the same. Top 3 winners are provided with 90%, 80%, 70% off on any course on coding blocks and a T-Shirt. Student Coordinators Gaja Lakshmi, preeti PM , Mithresh coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Webinar on “Change The World! – To Be A Changemaker”.

IEEE PIT SB in collaboration with IEEE,WIE organized webinar on the topic Change the world! – To be a Changemaker on 26 July 2020 from 6 -7PM as a part of WIE Week Celebration 2020. The speaker was “Ms Emi Yano, R-10 WIE Chair(2019-2020)”.The speaker began the session by providing brief note on IEEE WIE Affinity Group Support. She further continued with 2020 WIE Committee Plan and also included about IEEE WIE ILS. In addition, the speaker mentioned about IEEE TENSYP2020 and shared images related to the same. Student Coordinators Indhu, Kavitha Sri and Jagan coordinated the event with Mr.M.Arun, IEEE SB Counselor



“Webinar on Game Dev Talk”

IEEE PIT SB in collaboration with ACM & Manipal University Jaipur organized a webinar on the topic “Game Dev Talk” on 26 July 2020 from 7 -9PM. The speakers are “Ms Nupur Yadav, Software Engineer @ Unity Technologies and Mr Harsh Kothari, COO, Co-Founder, Neon Gaming Studio. Around 256 participants attended the event. Event focused on to outline and inculcate more knowledge and insights regarding the topic. The speakers initiated the session with game development and continued steps to become a game developer. Student Coordinators Indhumathi, Gajalakshmi and Mithresh Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Webinar on Dive Into IEEEEXTREME”

IEEE SB in collaboration with IEEE, CS SBC organized webinar on the topic “Dive into IEEEExtreme” on 26 July 2020 from 04 -05PM. The speaker was “Ms. Indhumathi Gunasekaran, Winner, WIE Inspiring Student Member Award 2020, REM Scholar, UPE Scholar, Alumni PIT”.. The event gave an outline and inculcated more knowledge and insights IEEEExtreme – Global level coding contest. The speaker began the session by providing brief explanation on What is IEEEExtreme ? and she continued with impact of IEEEExtreme , prizes, Engaging Students, Proctors and IEEE Branches. In addition, the speaker mentioned Local IEEE branches and proctors for IEEEExtreme and its social media outreach. Around 67 participants attended the event. Mr.M.Arun, IEEE SBC coordinated the event.

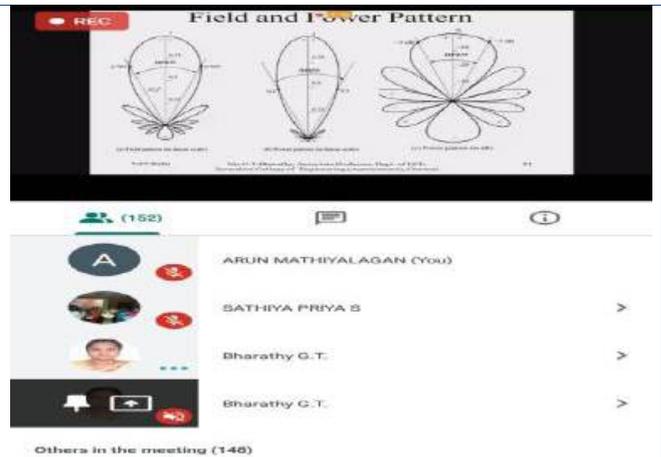


“Fast Fingers Contest”

IEEE SB in association with IEEE,IAS,IMS,PS organized a Fast Fingers Contest on 25 July,2020. Questions were asked to participants in General Knowledge, Students were asked to post answer in Chat and top three students responded fast for maximum questions were moved to next round. 55 Students participated in this event. Gokul Raj G from Panimalar institute of technology, Chennai secured First place, Sowbarnika Anbalagan from Ramakrishna College of Engineering secured second place, Student Coordinators Naveen Prasath M, Mithresh GP and Krishna Prasad Coordinated the event with Mr.M.Arun , IEEE SB Counsellor.

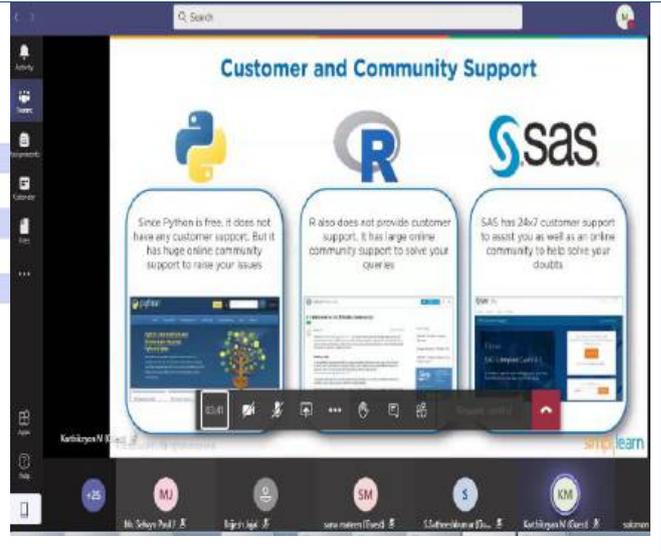
“Guest Lecture on Antenna Radiation Mechanism and It’s Parameters”

IEEE PIT SB in collaboration with IEEE,MTTS,EMS,APS SBC organized Guest Lecture on Antenna Radiation Mechanism and It’s Parameters by Mrs G T Bharathy, Associate Professor, Dept of ECE, Jeruselam College of Engineering, Chennai on 27 July 2020 from 10.30 – 11.30AM. Around 170 participants attended the event. The speaker initiated the session by giving introduction to Antenna, different types of antenna. She further continued with different parameters of antenna and its radiation pattern. The speaker made the session interesting by playing videos based on antenna for clear understanding. Student Coordinators Indhumathi & Gajalakshmi coordinated the event with Mr.M.Arun, IEEE SB Counselor.



“FDP on Data Science”

CSE Dept., in association with Phantom Smart Solutions, IEEE Computer Society, CSI, IIC organized a one week online FDP on “DATA SCIENCE” by Mr. Solomom Raju, Technical manager , Phantom Smart Solutions during 20.07.2020 to 26.07.2020 at 5PM- 6PM in via online mode. Dr.V.Subedha HOD/CSE initiated the event & she delivered the welcome address. FDP topics covered DAY 1: Introduction to Big Data, DAY 2: Introduction to business analysis, DAY 3: Introduction to R, DAY 4: R Programming, DAY 5: R Data Structure, DAY 6: Data Visualization, DAY 7: R connection with Database. Speaker shared the knowledge about Introduction to Big Data, business analysis, R Programming, R Data Structure, Data Visualization and R connection with Database and 71 participants around India participated in this event. Event was coordinated by Dr.S.Hemalatha Professor, Mrs.M.Vidhya and Ms.R.Christina Rini, Asst.Professor of CSE Department.



Webinar on “Women in Leadership: A Personal Reflection on Professional Development”

IEEE PIT SB in collaboration with IEEE,WIE organized webinar on Women in leadership : A Personal Reflection on Professional Development by Dr Supavadee Aramvith, Associate Professor, Chulalongkorn University Thailand on 26 July 2020 from 3-4PM. Around 83 participants attended the event.The speaker shared her IEEE Volunteer Experiences in 25 years of membership and delivered her views in The Power of Female Brain, What features to determine Female Leadership. She insisted the participants to make yourself excel and succeed in your career. Student Coordinators Indhumathi, Vihasini and Mithresh coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



Online Workshop – Data Structures – Linked List

IEEE PIT SB in collaboration with IEEE,IIC,CS SBC organized online workshop on the topic Data Structures – Linked List on July 29 2020 from 8.00PM – 10.00PM IST. The Speaker was “Mr Shubam Rawat, Mentor & Developer @ Coding Blocks”. Around 260 participants attended the session from around different educational institutions. The speaker initiated the session by providing brief introduction to “What is Linked List?” and continued with basics of linked list, its structures and addressed various questions based on linked list . In addition, the speaker also mentioned how important linked list is from interview point of view. Student Coordinators Kishore Kumar, Mithresh, Gajalakshmi, Preethi PM coordinated the session with Mr M Arun , SB Counselor.



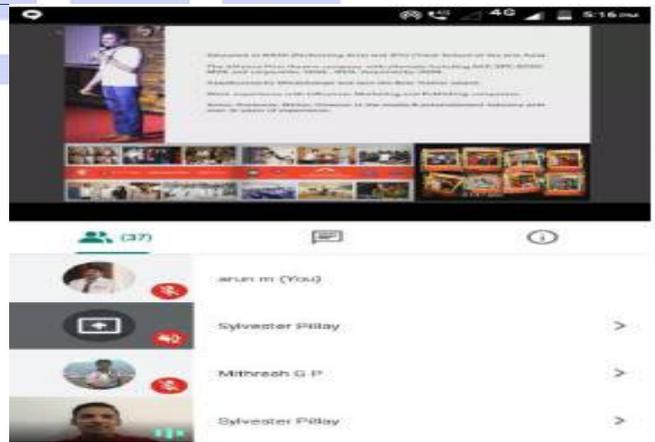
Webinar on “Entrepreneurship – The Ideology Adopted and The Pitfalls And Gains Of The Vision.”

IEEE PIT SB in collaboration with IEEE, RAS, IEEE Entrepreneurship SBC’S organized Webinar on Entrepreneurship : The Ideology Adopted and the Pitfalls and Gains of the vision by Mr Nishant Tripathi,Co Founder Shake It Off and Mr Anil Paremal, Co Founder Shake It Off on 29 July 2020 from 06-07PM. Around 75 participants attended the event.The speakers initiated their session by sharing their experiences in college days and what motivated them to start Shake off. They even shared their success and failures which served as the main reason for their growth. Student Coordinators Indhu, Kishore, Jagan, Mithresh, Gajalakshmi Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



Webinar on “Entrepreneurship, Resilience and Passion.”

IEEE PIT SB in collaboration with IEEE, PROCOMM,IEEE Entrepreneurship SBC’S organized Webinar on the topic Entrepreneurship, Resilience and Passion by Mr.Sylvester Pillay, CEO & Founder, TALENTORA on 30 July 2020 from 05 - 06PM. Around 67 participants attended the event. The speaker began the session by expressing his views in current issues and he continued sharing his experiences, the pitfalls and failures he faced, the success he gained and about various obstacles he faced during his growth and what made him to reach this level she further continued with his path to Talentora which is running successfully. Student Coordinators Indhu, Kishore, Jagan and Mithresh coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



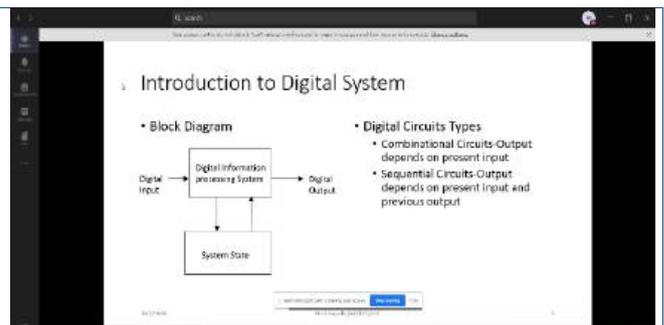
Webinar on “Entrepreneur Life And Startup”

IEEE PIT SB in collaboration with IEEE, RAS,IEEE Entrepreneurship SBC’S organized Entrepreneurship Webinar Series on the topic Entrepreneur Life and Start-up by Mr Kshitiz Adukia, Young CEO & Founder, TRADIZON on 31 July 2020 from 06 -07PM. Around 90 participants attended the event. Speaker outlined and inculcated more knowledge and insights regarding Entrepreneur life. The speaker began the session by sharing his experiences as an entrepreneur, the failures he faced during his initial stage. He further mentioned about his startup TRADIZON and its pathway. Student Coordinators Indhumathi, Kishore, Jagan and Mithresh Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



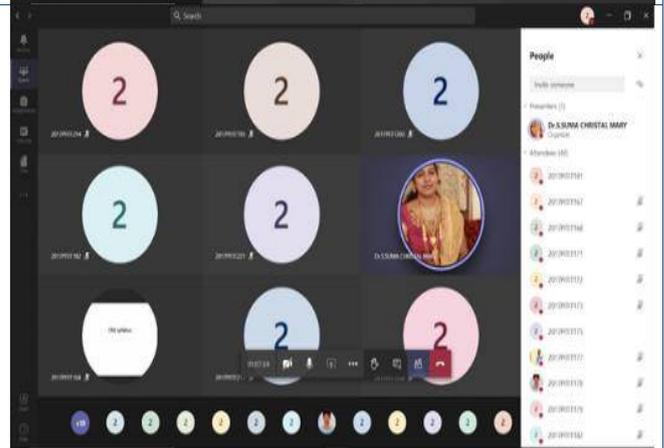
“Guest Lecture on Digital Principles & System Design”

Department of Information Technology in association with IEEE IT, CSI organized online Guest Lecture on the topic Introduction of Digital system Design for our second year IT students. Mrs. S. Gayathri, Senior Lect./ECE, St. Joseph Institute of Technology, Chennai delivered the lecture. This lecture helped the students to acquire knowledge on basics of Digital principles and system design and its applications. Also they understood the concept of minimization of Boolean algebra. 106 students participated. Mrs. R. Dharani, Assoc. Prof. IT coordinated the event.



“Workshop on Data Structure and Algorithms for Competitive Programming”

IT Dept., IEEE ITS, CSI in association with AICL organized Workshop on Data Structure and Algorithms for Competitive Programming during 25.07.2020, 26.07.2020, 01.08.2020, 02.08.2020. Resource Persons of the event are Dr. P. Ranjana, Professor/CSE, Hindustan institute of Science, Dr. R. Josphine Leela, HOD/IT, Mr. R. Vinston Raja, AP/IT, Dr. Suma Christal Mary, Associate Professor/IT, PIT. 4 days event helped everyone to acquire knowledge in Essence of Data Structure and Algorithms for Competitive Programming & understand various tools and technologies used in present IT industries. Dr. S. Suma Christal Mary, Assoc. Prof./IT, Mr. R. Vinston Raja, AP/IT coordinated the event.



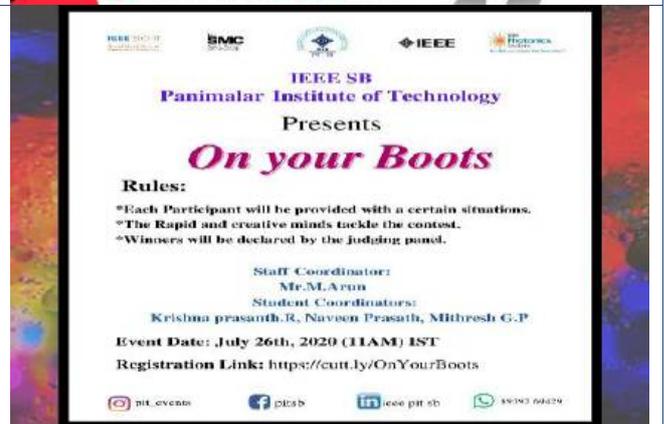
“WHO AM I ? Contest”

IEEE SB in association with IEEE SMC, PHOTONICS, TEMS SB’C organized “WHO AM I” Contest on 25 July 2020 (4PM IST). In this event pictures of public figures were given and participants were asked to guess the person and answer in google form within stipulated time. The Moto of this event is to make the students know about some iconic and inspiring personalities. Nearly 68 members participated. The winners are Mohanapriya.T from Nanda Engineering College, Chrislyn Emima.J from St. Joseph's Institute of Technology, Sudharsan.K. from Saveetha College of Allied Health Science, Lohith yeleswarapu from Swami Vivekananda Institute Of Technology and Regish George from SCMS School of Engineering & Technology (SSET). Student Coordinator Dinesh R Coordinated the event with Mr. M.Arun, IEEE SB Counselor.



“On Your Boots Contest”

IEEE SB in association with IEEE SIGHT, SMC, PHOTONICS organized On Your Boots event on 26 July, 2020 (11AM IST). In this contest each participant was provided with a tangled situation and they were asked to find a way to tackle it. This event is organized in order to showcase the problem solving skills of an individual. The event was held at Google meet and nearly 45 participants participated and explored themselves. In this event B Sanjay Babu from MGR University, Chennai secured first place, Varsha P from Panimalar Institute of Technology secured second place. Student Coordinators Naveen Prasath M, Mithresh GP and Krishna Prasad Coordinated the event with Mr. M.Arun, IEEE SB Counsellor



“Quiz on Sports”

IEEE SB in association with IEEE, EDS, PELS, APS SBC’s organized Quiz on Sports on 26 July 2020(7PM IST). In these multiple-choice questions related to sports were asked via google form. The top 5 scorers were selected as winners. Almost 62 Students participated from various educational institutions across India. Bulbul Gupta from Jamia Hamdard, New Delhi secured first place, Jubin Thaj from Amal Jyothi College of Engineering, Kerala secured second place. Student Coordinator Suja PM coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



“Just A Minute Phase 2 contest”

IEEE SB in association with IEEE SIGHT, RAS, PHOTONICS SBC’s organized Just a minute Phase 2 contest on July 26, 2020(4 PM IST). This event is purely based on presence of mind of an individual. In this contest participants were asked to talk about the topic given on the spot for a minute. The crisp and lucid speakers were declared as the winners. The event was held at Google meet and nearly 22 Students participated in this event. Priyadarshini secured first place from Panimalar Institute of Technology followed by Vidhyasree secured second place from Kongu Engineering College. Student Coordinators Mithresh GP and Suja PM Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



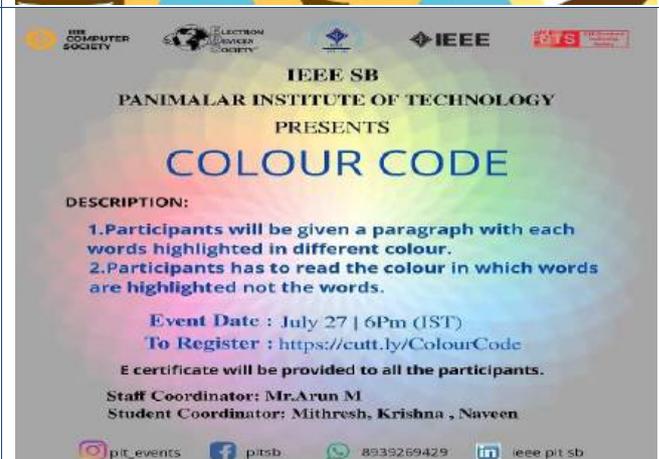
“Emoji Oda Vilayaadu – Contest”

IEEE SB in Collaboration with IEEE IAS, CS, EMC SBC’S organized “EMOJI ODA VILAYAADU” on 27 July 2020(8PM IST). In this contest a set of emojis indicating a technical word is displayed and participants were asked to find the word. The agenda of his event is to give a fun filled learning to the participants. The event is held via Google forms and nearly 70 participants participated in this contest. In this event Narkeesh K from Panimalar Institute of Technology & Mythili P from Bharat Institute of Higher Education and Research secured first place followed by Berselin C. R from Panimalar Institute of Technology secured second place. Student Coordinators Indhumathi G and Jaganathan P coordinated the event with Mr. M.Arun, IEEE SB Counsellor.



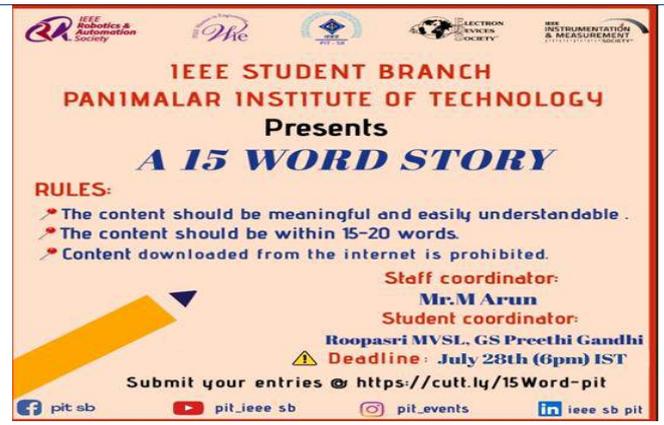
“Colour Code”

IEEE SB in association with IEEE CS, EDC ,BTS organized COLOUR CODE contest on 27 July 2020(6 PM IST). In this event a paragraph with words highlighted in different colours were displayed and participants were asked to read those colours of the highlighted words in a Google meet. The event aimed at testing the concentration power of an individual. The participants with fast and accurate answers were declared as the winners. Around 42 students participated. In this SWETHA.K secured first place from Saveetha Institute of Allied Health Science, NARKEESH.K Secured second place from Panimalar Institute of Technology, Student Coordinators MITHRESH GP , KRISHNA PASANTH and NAVEEN Coordinated the event with Mr.M.Arun , IEEE SB Counsellor.



“A 15 Word Story Contest”

IEEE SB in association with IEEE WIE, RAS, EDS, and IMS organized “A 15 word story” online contest during July 2020. In this event the participants were asked to prepare a catchy content within 15-20 words. The topic could be decided on participant’s choice and the content should be meaningful and easily understandable. 28 July, 2020(6 PM) was the deadline to submit the entry. Around 17 Students participated in this event. Yogasri.S secured First place from St. Joseph’s college of engineering, Chrislyn Emima.J Secured Second place from St. Joseph’s institute of technology. Student Coordinators Roopasri MVSL and Preethi Gandhi GS Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



IEEE STUDENT BRANCH
PANIMALAR INSTITUTE OF TECHNOLOGY
Presents
A 15 WORD STORY

RULES:

- The content should be meaningful and easily understandable .
- The content should be within 15-20 words.
- Content downloaded from the internet is prohibited.

Staff coordinator:
Mr.M Arun
Student coordinator:
Roopasri MVSL, GS Preethi Gandhi
Deadline: July 28th (6pm) IST

Submit your entries @ <https://cutt.ly/15Word-pit>

pit_sb pit_ieee_sb pit_events ieee_sb_pit

“SPELL BEE contest “

IEEE SB in association with IEEE PELS, EMC, EDC organized Online SPELL BEE contest on 29th July 2020 (5 PM IST). In this contest the audio file was attached to the Google form, where the word was pronounced accurately. The participants were asked to select the correct spelling from the given choices. The participants apart from learning the spelling of words they also learn their forms of correct pronunciation. Around 72 participants participated. First place was secured by Shellma.R from Government college of Engineering Kannur, Aswathy Gopalakrishnan from SCMS School of Engineering and Technology, Hephzibah.JS PIT. Student Coordinators P.Prejnya Agnesh Rebeca, G.Priyadharshini and Goushika.G.S Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.



IEEE SB
Panimalar Institute of Technology
P R E S E N T S
Spell Bee

(By listening to the audio file attached you have to select the correct spelling of the word from the given choices)

Staff Coordinator
Mr. Arun M
Student Coordinators
G.Priyadharshini
P.Prejnya Agnesh Rebeca
G.S.Goushika

Register @ <https://cutt.ly/SPELLBEE>

Last Date to Register
 29 July 2020 (11 AM IST)
Event Date
 29 July 2020 (3PM IST)

pit_events pitsb +91 97915 48150

“Mind Mobster”

IEEE SB in association with IEEE SPS, APS, and PROCOMM organized “Mind Mobster” Contest on 28 July 2020. The event is organized via Google form. In this contest the participants were asked to identify the year and founder of different Inventions and discoveries that were given in the google form. The questions were of mcq type. Around 65 Students participated in this event. Sanjay B secured First place from MGR University, Harikrishna Sharma C Secured Second place from Mar Baselios College of Engineering & Technology .Student Coordinator Dinesh R Coordinated the event with Mr. M.Arun, IEEE SB Counselor.

“English Olympiad”

IEEE SB in association with IEEE, EMC, CS, IAS, SIGHT organized Online English Olympiad contest on 28 July 2020. The main agenda of the event is to help the participants to assesses their English language skill. It is an online event conducted via google form. The form contains 3 different sections with 10 question in each section. One word definitions, Analogies, Idioms were asked. Around 60 participants participated. The winners were selected based on the scores and the time duration. Chrislyn Emima.J secured 1st place from St.Joseph’s Institute of Technology followed by C.Harikrishna Sharma secured 2nd place from Mar Baselios college of Engineering and Technology.Student Coordinators G. Priyadharshini ,Goushika GS and Prejnya Agnesh Rebeca P .Coordinated the Event with Mr.M.Arun IEEE SB Counsellor.

“Magnify”

IEEE SB in association with IEEE RAS, PES, IT Society, SMC organized an Event known as “Magnify” on 29 July, 2020(6 PM IST). The event is to explore some hidden facts and history that their town or city had. Participants shared their views at google meet platform. Around 34 Students participated in this event. Shaveetha K from Panimalar Institute of technology, Chennai secured First place, Swetha Lakshmi S from Sri SaiRam Engineering College secured Second place, Sowbarnika Anbashagan from K Ramakrishna College of Technology secured Third place. Student Coordinators Naveen Prasath M, Mithresh GP and Krishna Prasad Coordinated the event with Mr. M.Arun, IEEE SB Counsellor.

“Bulletin Contest”

IEEE SB in association with IEEE WIE, SP, PROCOMM, IT organized an Online “Bulletin” contest during July 2020. The event was at testing the knowledge about current affairs of an individual. Around 12 Students participated in this event. The participants were asked to choose the topic about any one of the current affairs and create a content in the article format. 29 July, 2020(6 PM IST) was the deadline to submit the entry. Aamir.P secured First place from Panimalar engineering college, Aishwarya.D secured Second place from Saveetha medical college, Third place is secured by Shakthi.P from Panimalar institute of technology and Yogasri.S from St. Joseph’s college of engineering. Student Coordinator Preethi Gandhi GS and Roopasri MVSL coordinated the event with Mr. M.Arun, IEEE SB Counsellor.

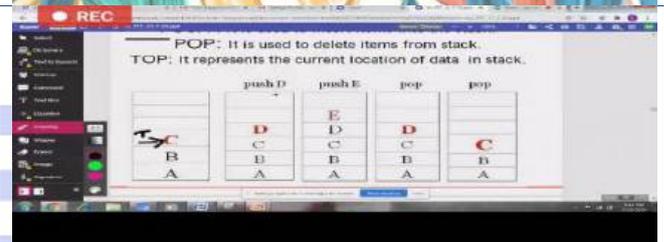
“Story Cooking Competition”

IEEE SB in association with IEEE, APS, SMC, PHOTONICS organized “Story Cooking competition” during July, 2020. The event aimed at enhancing the thinking ability among the participants. In this, participants were asked to complete the given story based on their creativity. 10 Students participated in this event. 29 July, 2020(6 PM IST) was the deadline to submit the entry. SelvaHariharan K from Saveetha medical college, Chennai secured First place, Aishwarya D from Saveetha Medical College secured Second place and Chirslyn Emima from St.Joseph Institute of Technology secured Third place. Student Coordinators Naveen Prasath M, Mithresh GP and Krishna Prasad Coordinated the event with Mr. M.Arun, IEEE SB Counsellor.



“Guest Lecture On Exploring Data Structures And Algorithms”

IEEE PIT , Department of ECE in collaboration with IETE,CS,ITS,IAS SBC’S organized a Guest Lecture on the topic “Exploring Data structures and algorithms” by Mrs A Sathya, Assistant Professor(SG), Rajalakshmi Engineering College for Second Year ECE Students on 31 July 2020 from 4.00PM - 5.00PM. The speaker initiated the session by providing basics and requirements of programming languages After that, she continued with types of data structures and started detailing about each type like List, stack, queue, Furthermore, she explained different methods present under each type and the algorithms to solve the problems. Finally the speaker ended with Q&A forum where he addressed all the queries of the participants. Around 177 participants attended the session. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.



“Guest Lecture On Opportunities For Engineers At Public Sector Undertakings(Psu)”

IEEE PIT SB,ISTE,IETE,IET,SAE,CSI,IIC PIT organized a webinar on the topic “Opportunities for engineers at PSU.” On August 01, 2020 from 3.00PM- 5.00PM. The speaker is “Mr Vivekanandhan, Co-Founder, Master’s Academy”. Speaker initiated the session by mentioning different public sector undertakings and opportunities for engineers in each type. He further continued with explaining each sector in detail and opportunities that engineers have in respective sectors. Speaker explained about Importance of GATE Exam and opportunities for a GATE Score holders in PSU. Finally the speaker ended with Q&A forum where he addressed all the queries of the participants. Around 86 participants attended. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.



“Guest Lecture On Transmission Characteristics Of Optical Fiber”

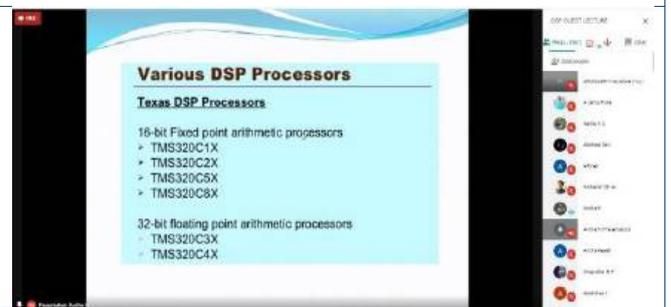
IEEE PIT SB, Department of ECE in collaboration with IETE,IIC,PHOTONICS,BTS,COMSOC SBC'S organized a Guest Lecture on Transmission Characteristics of Optical Fiber by Dr S Gandhimadhi @ Usha, Associate professor, ECE, Velammal college of Engineering & Technology for Final year ECE Students on 03 August 2020 at 4.00PM. Speaker gave brief introduction to optical fibers. She then explained the types of optical fibers and also demonstrated how does an optical fiber works through videos which made the session more interactive.



Later on , she continued with the transmission characteristics of optical fibers like attenuation, dispersion, concept of total internal reflection in optical fibers. Finally, the speaker concluded the session by providing applications and its usage in real life. Around 167 participants attended. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.

“Guest Lecture On Insights Of Digital Signal Processing And Its Applications”

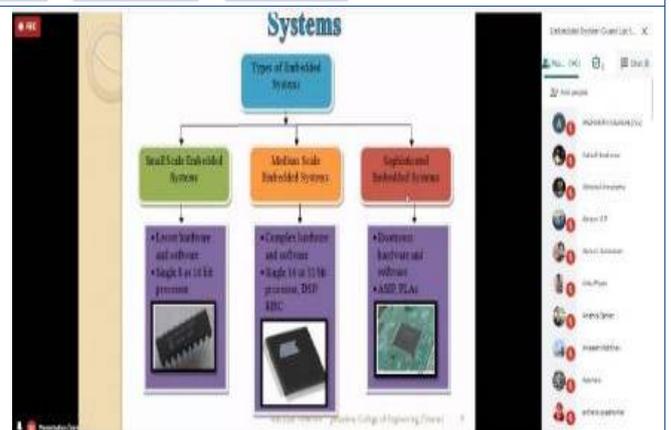
IEEE PIT SB, Department of ECE in collaboration with IEEE,IIC,BTS,IAS,SPS SBC'S organized a Guest Lecture on Insights of digital signal processing and its applications by Mrs R Anitha,Assistant professor, B.S. Abdur Rehman Crescent Institute of Science & Technology for third year ECE Students on 04 August 2020 from 10.30AM – 11.30AM. Speaker began the session by explaining about DSP and its importance in Engineering Field.



Furthermore, the speaker also explained about various Filter designs, DSP processors – both 16 bit and 32 bit processors. She made the session interactive by shooting out questions to the participants and answering to their queries time to time. Around 187 participants attended. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SBC.

“Guest Lecture On Embedded Systems – Challenges And Opportunities”

IEEE PIT SB in collaboration with IETE,IIC,IEEE IES,RAS,COMSOC SBC'S organized a Guest Lecture on Embedded Systems – Challenges and Opportunities by Mrs T Tamilselvi, Associate Professor, ECE, Jerusalem College of Engineering for Final Year ECE students on 06 August 2020 from 10.30 AM-11.30PM.The speaker began the session by providing brief introduction to embedded system, types of embedded systems and about its applications. She also gave examples for each type to understand better.Around 166 participants attended Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.

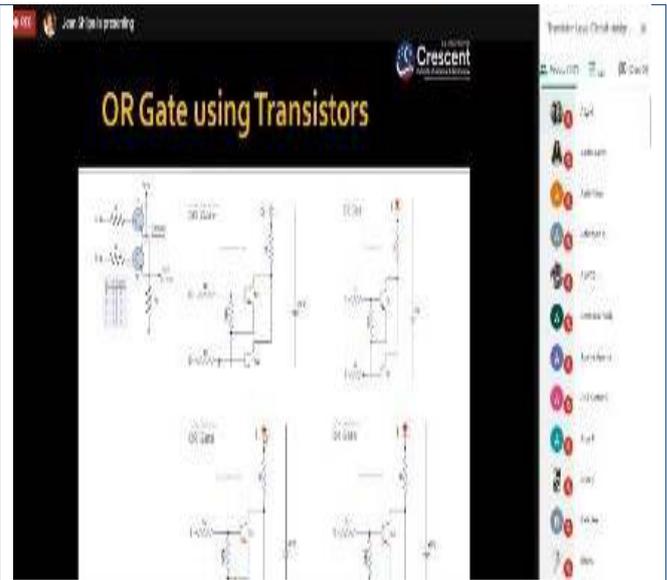


“STTP on Java Programming and python programming”

Department of Information Technology, IEEE Information Theory Society, CSI in association with AICL organized an online STTP on Java Programming and python programming for the our college students. AICL Trainer, R Skanda Gurunathan & K.Ramisha has conducted the STTP on 11th 18th 25th in the month of July and 1st, 8th & 29th of August. Fundamentals to Complex Programming using Java & Python was explained to participants during six days event. Students were asked to do projects at the end of the course. During Q&A session participants interacted with resource persons by raising different types of questions related to Java and python Programming. Mr.A.Palaniraj,AP/IT, Mrs. P.Sheela Rani, AP/IT coordinated the event.

“Guest Lecture On Transistor Level Circuit Design Of Logic Gates”

IEEE PIT SB in collaboration with IIC,IEEE PHOTONICS,IES,EDS SBC’S organized a Guest Lecture on Transistor level circuit design of logic gates by Mrs V Jean Shilpha, Assistant professor, ECE, B.S. Abdur Rehman Crescent Institute of Science & Technology for Second Year ECE Students on 06 August 2020 from 11.45AM – 12.45PM. The speaker initiated the session by explaining what are transistors, where transistors are used, types of transistors and its classifications. The speaker gave a fresh brush up over the transistor’s introduction and dived into logic gates, its types, truth table and logic diagram. After providing a brief intro in both, the speaker started explaining transistor level circuit design of logic gates, steps to be followed and points to be noted while designing. Around 171 participants attended the session. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.

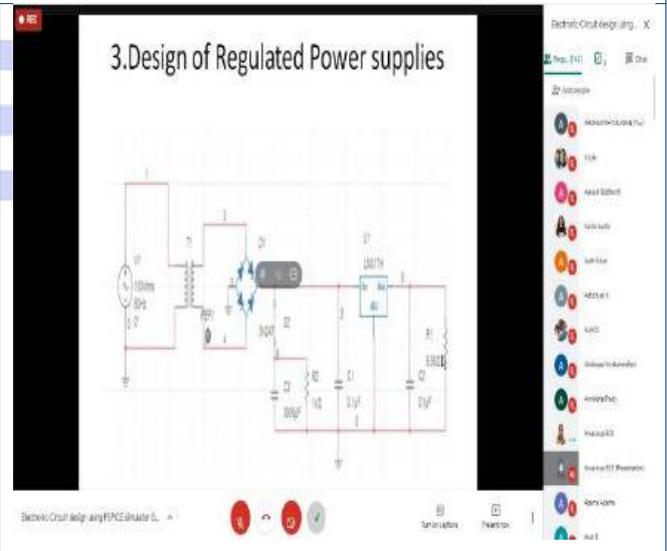


“Quiz On Hiroshima”

IEEE SB in association with IEEE CS, IAS, and EMC organized an Online Quiz on Hiroshima Day on 6 August 2020(10AM – 6PM IST). In this event, participants were asked to answer the questions given in the google form. This event is conducted to commemorate the remembrance of the bombing attack on Hiroshima and Nagasaki by United States during the World War II in 1945. Around 663 participants participated in this event across India. Student Coordinator Rithvika A Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“Guest Lecture On Electronic Circuits Designs Usindg Spice Simulator”

IEEE PIT SB in collaboration with IEE IAS,EDS,IES SBC’S organized a Guest Lecture on Electronic circuits design using SPICE Simulator by Mrs S Anusooya, Assistant Professor, ECE, B.S. Abdur Rehman Crescent Institute of Science & Technology for Second Year ECE Students on 07 August 2020 from 4.00PM – 5.00PM. Speaker started the session by providing introduction to SPICE simulator and started explaining the protocols to be followed while writing a spice code , spice model file and how to run a spice simulation. After that, she briefed each electronic circuits and explained the spice code. It was completely hands on where the speaker performed various examples and showed the output the spice simulator. Around 174 participants attended. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.



“Master Minds”

IEEE SB in association with IEEE IES, RAS, COMSOC sbc’s organized an online MASTER MINDS quiz contest on 7 August 2020(10AM-6PM IST). The main agenda in conducting this quiz contest is to enlighten people’s mind with information about handloom sector on the account of “National handloom day”. The questions in the quiz where related to the weaving techniques and the history of handloom industry. The idea behind the quiz is to make the current generation aware about the handloom sectors. Around 114 participants participated in this Quiz contest from across different levels including schools and colleges. Student Coordinator, P.Prejnya Agnesh Rebeca, G.Priyadarshini and Goushika.G.S coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“Quit India Crossword Puzzle”

IEEE SB in association with IEEE IT, PES, EDS SBC’s Organized an Online Crossword Puzzle on “Quit India Movement”, on occasion of Quit India Day on 9th August 2020 (10AM–5PM IST). The crossword puzzle was attached in the google form as an image. The clue for the answer in the crossword puzzle was given as the questions with number of characters in the answer and the position of answer in the puzzle. Around 234 participants participated in this event across India. This event was conducted to enhance participant’s concentration and their level of critical thinking. The questions were based on the Quit India Movement. Student Coordinator Aparna G Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“Spectrum Quiz 2.0”

IEEE SB in association with IEEE PELS, IEEE IMS, APS SBC’S organized an online SPECTRUM QUIZ 2.0 event on 9th August 2020(5.00 PM). The questions were asked from the IEEE spectrum magazine of month March and April. Totally 20 multiple choice questions were asked, 10 questions from each magazine. This event was conducted to enhance participants concentration and their interest towards emerging technologies and increase participants to read Spectrum Magazine. Around 90 students participated in this event. Top 3 scorers were selected as winners. R.Dhanushya from Cauvery college for women secured first place followed by Kalaikovan.K from Bannari Amman Institute of Technology secured second place and C.Akshaya shree from Easwari Engineering College secured third place .Student Coordinator Aparna G Coordinated the event with Mr.M.Arun , IEEE SBC.



“Quiz On Nagasaki”

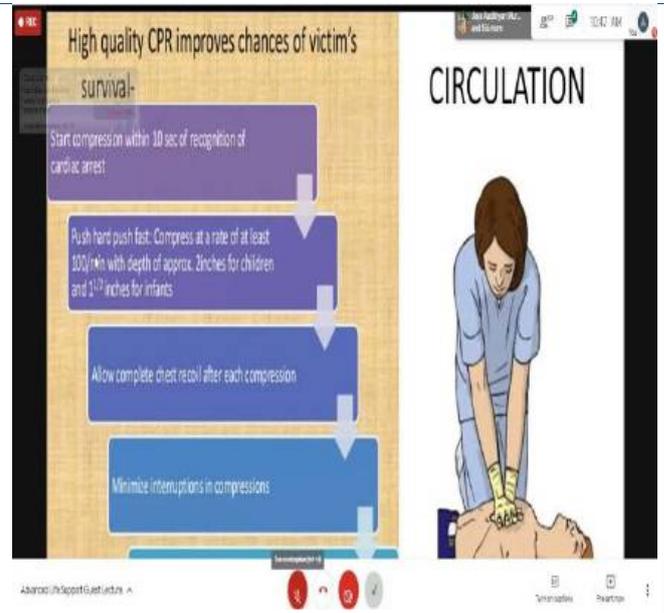
IEEE SB in association with IEEE SP, TEMS, PROCOMM SBC's organized Quiz on Nagasaki on August 9, 2020(Nagasaki Day) during 10.00 AM – 6 PM IST . In this multiple-choice questions related to Nagasaki were asked via google form. This Event was conducted on the occasion of Nagasaki Day. The outcome of the event was that the participants were able to know more Facts and History about Nagasaki. Around 388 students participated in this event. Student Coordinator Rithvika A Coordinated the event with Mr.M.Arun , IEEE SB Counsellor.

“Share views on Hiroshima and Nagasaki”

IEEE SB in association with IEEE SP, TEMS, PROCOMM SBC’s organized an event “Share views on bomb blast of Hiroshima and Nagasaki” on August 9, 2020(10 AM – 6 PM) IST. The event was held to create awareness about nuclear weapons and world wars. Nearly 41 Students participated in this event. In this Students were asked to share their views on bomb blast of Hiroshima and Nagasaki in 100 words via Google form. Student Coordinator Rithvika.A Coordinated the event with Mr.M.Arun , IEEE SB Counsellor.

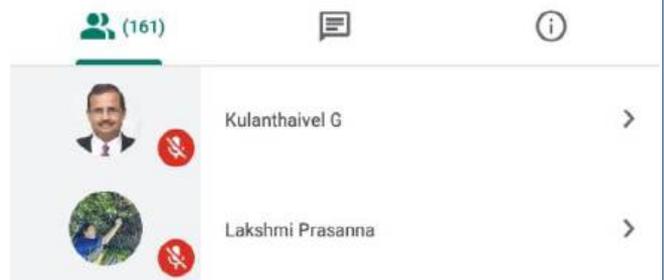
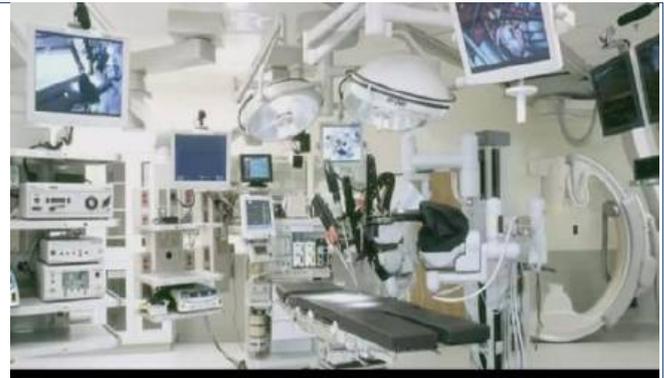
“Webinar On Advanced Life Support”

IEEE PIT SB in collaboration with IEEE TEMS Madras Chapter & IEEE TEMS PIT SBC organized a webinar on Advanced Life Support by Dr Ashwini Priyanka V, Dept of Physilogy, St Johns Medical College and Hospital on 11 August 2020 from 10.30AM – 11.30AM. Mr.Arun M , Vice Chairman IEEE TEMS Madras delivered the welcome address and introduced the chief guest to the participants. Speaker initiated the session by posting question, what is the difference between basic life support and advanced life support and asked the participants to delivered their point of view in both which made the session quite interactive. Further, she explained the protocols and the methods to be followed when a person falls sick under some conditions which includes major algorithms, H’s and T’s . to the addition, the speaker continued delivering her views on high quality CPR and how it improves chances of victim’s survival. Around 165 participants attended the session.. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.



“Webinar On Iot – The Game Changer In Medical Field”

IEEE PIT SB in collaboration with IEEE Technology Engineering Management Society Madras Chapter & IEEE TEMS PIT SBC organized a webinar on IOT – The Game Changer in Medical Field by Dr S Karunakaran, Professor ECE, Saveetha Engineering College on 12 August 2020 from 10.30AM – 11.30AM. Mr.Arun M , Vice Chairman IEEE TEMS Madras delivered the welcome address and introduced the chief guest to the participants. Followed by, the speaker continued by mentioning the importance and the role of IOT in today’s world, he stated that The Internet of Things (IoT) is a phrase still unknown to 80% of people, yet it is a reality that will change the world. It refers to devices that collect and transmit data through the Internet. At the foremost, he started explaining how IoT is used in healthcare. Furthermore, the speaker continued explaining the applications of IoT in healthcare. Finally the speaker concluded the session by explaining about smart healthcare and the future of IoT. Around 182 participants attended the session. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.



“Online Bootcamp On Iot”

IEEE PIT SB in collaboration with Pantech e Learning, IETE, IIC, IEEE IAS, Photonics, TEMS SBC’S organized an Online Bootcamp on IOT from 12.08.2020 – 14.08.2020. The session was conducted for 2hours from 6pm-8pm where multiple speakers from Pantech eLearning delivered and shared their views in this topic. Mr.Arun M SB counselor inaugurated the event during his speech he highlighted the importance of IOT in day today life with few practical case studies. Followed by the introduction, basics of IOT and its applications in today’s world. The speaker connects his experience in semiconductors with the development of the Internet of Things (IoT).



He further continued the session by elucidating various aspects of embedded system, Rasberry pi and also detailed about its architecture. In addition, the speaker delivered a short note on Intro to GPIO pins. *This event also reveals, software secure design and wearable technology are intimately connected with the Internet of Things. In the Q&A forum, he explored some of the key considerations and challenges for security in a variety of IoT applications, including autonomous ones.* Around 95 participants attended. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.

“International Youth Day- Problem Statement Contest”

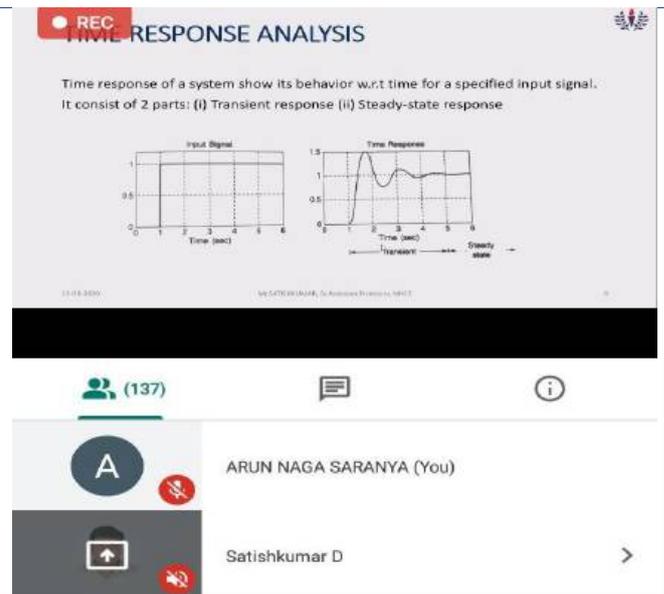
IEEE SB in association with IEEE WIE, BTS, and IIC organized an online problem statement on the topic “As a young citizen what are your thoughts for better development of the society” from August 12, 2020(10AM) to August 13, 2020(6PM IST) via google form. The event was conducted in the motive to know the perspectives and also to remind the responsibilities of the youngsters to themselves. About 60 students from various schools and colleges participated in the event. Mistry jay.M from Government Engineering College Bharuch secured the first place, Sravani Punnam from Vaagdevi College of Engineering and Meenakshi Akila PS from Panimalar Institute of Technology shared the second place. Student Coordinators G S Preethi Gandhi, Roopa Sri MSVL and Swathi S coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“International Youth Day - Word Search Contest”

IEEE SB in association with IEEE WIE, BTS, and IIC organized an online word search on the topic “International Youth Day” on August 12, 2020(10AM – 7PM IST). The event is organized in order to make youths recognize their responsibilities in a different way. In this, participants were asked to answer 20 questions given in the google form. Around 106 students participated in this event from various schools and colleges. Jubin Thaj from Amaljyothi College of Engineering secured the first place, Rithvika A from Panimalar Institute of Technology and Singamsetty Dhana Lakshmi from Mekapati Rajmohan Reddy Institute of science and technology shared the second place and Asmitha.MS from Panimalar Engineering. Student Coordinators Preethi Gandhi G S, Swathi.S and Roopasri.MVSL coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“Guest Lecture On Control System Using Matlab”

IEEE PIT SB in collaboration with IETE,IIC,COMSOC,IAS,SPS SBC’S organized a Guest Lecture Control System using MATLAB by Mr Satishkumar D, Sr Assistant Professor, EEE, New Horizon College of Engineering, Bangalore for Second Year ECE Students on 13 August 2020 at 10.30 AM-11.30 AM. Followed by, the speaker continued the session by shooting out questions to the participants like What is control system, why control system is important and what do control system engineers do? and he asked the participants to come up with answers for the same. This made the session very interactive and informative. Later, the speaker himself started explaining the basics of control systems and about types of control systems. Speaker explained MATLAB Basics, MATLAB Commands and explained few concepts of control system using MATLAB. Around 178 participants attended the session. Ms.Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SBC



“Caption the Snap Contest”

IEEE SB in association with IEEE PES, BTS, and APS SBC’s organized an online "Caption the Snap" contest on August 13, 2020. The main motive of the event is to analyse the participants innovative thinking about the snap. About 60 students participated in this event. R.Sri Ganesh from SRM valliammai engineering college secured the First place followed by Sripriya.R from Panimalar Institute of Technology secured the Second place followed by .Lohith Yeleswarapu from Swami Vivekananda Institute of Technology secured the Third place Followed by Muskan Agarwal from Sri Aurobindo College secured the Fourth place. Student Coordinators N.Monika and A.Monica coordinated the event with Mr.M.Arun, IEEE SBC.

“Solve the Maze Contest”

IEEE SB in association with IEEE EDS, IES SBC’s & WIE organized an Online "Solve the Maze" contest on 14 August, 2020. The main motive of this event was to enhance the problem-solving skill and to test the presence of mind. In this riddles were given and participants were asked to solve them. About 109 students participated in this event. ChriyslNEmima.J from St Joseph’s Institute of Technology secured the First place, AswathyGopalakrishnan from SCMS School of Engineering and Technology secured the Second place and RegishGeorge from SCMS school of Engineering and Technology secured the Third place. Student Coordinators N.Monika and A.Monica Coordinated the event with Mr.Arun.M IEEE SB Counsellor.

“Motorheads”

IEEE SB in association with IEEE TEMS,IT SBC’s organized an Online MOTOR HEADS contest on 14 August 2020. In this event To make students innovate new ideas in automotive sector multiple choice questions regarding car’s motor capacity, fuel details, engine power, latest updates in cars were asked. Around 52 participants participated in this motor heads contest from various schools and colleges. Jubin thaj from amal jyothi college of engineering secured 1st place, patil mayor maruti from Shivajji university, kolhopur secured 2nd place and Chrislyn emima.J from St.Joseph’s institute of Technology secured 3rd place. Student Coordinators N.Monika and A.Monica Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“Treatise”

IEEE SB in association with IEEE PES, BTS , MTT-S SBC’s organized the event TREATISE during August 14 - 21, 2020. The motive of this event is to acknowledge the best writing skills of the top 5 participants. In this participant were asked to write about their experiences or feelings in the absence of their friends over 5 months during this COVID-19 lockdown. 22 students from various schools and colleges participated in this event. MohanaPriya.T from Nandha Engineering College secured first place, Harshini RS from Sri Venkateshwara College of Engineering secured second place and Ankita Bhowmick from PCPS Girls Polytechnic, Guwahati secured third place. Student Coordinator R. Krishna Prasanth Coordinated the event with Mr.M.Arun , IEEE SB Counsellor.

“Independence Day Special - Online quiz”

IEEE SB in association with IEEE PES, SSIT , CS SBC’s organized an Online quiz on the topic “How well do you know about our Independence” on 15 August, 2020 at (10.00-6.00 PM)IST. In this multiple choice questions about our independence were asked via google form. The event was conducted as the commemoration of our 74th Independence Day. Around 188 students participated in this contest. Students from various colleges and schools participated actively. Student Coordinators Swathi.S, Preethi Gandhi G S and Roopasri MVSL Coordinated the event with Mr.M.Arun , IEEE SB Counsellor.

“Independence Day Special Jumbled Words Event”

IEEE SB in association with IEEE PES, SSIT ,CS organized an Online Jumbled words event on August 15th 2020. In this name of our freedom fighters were given in jumbled order and participants were asked to find the names in exact order. This event is organized in the motive of saluting and remembering our Freedom fighters on the Independence Day. Around 122 Students from various colleges and schools were participated enthusiastically. Student Coordinators Swathi.S, Preethi Gandhi G and Roopasri MVSL Coordinated the event with Mr.M.Arun , IEEE SB Counsellor.

Independence Day Special – Connections Event

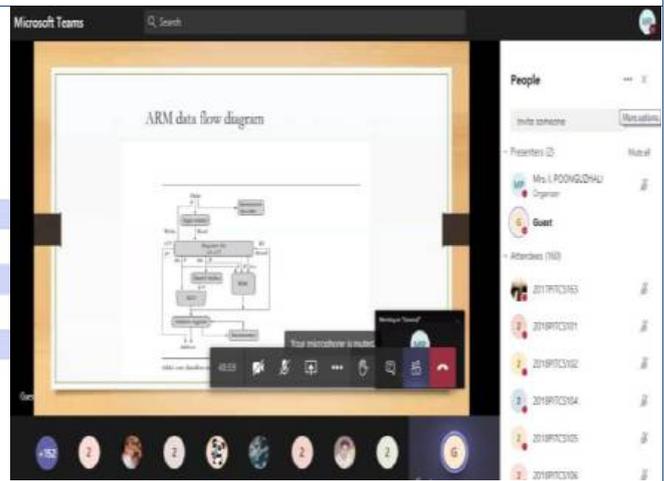
IEEE SB in association with IEEE PES, SSIT, CS SBC’s organized an Online connections event on the topic Independence Day on August 15, 2020. In this grid of photos showing a term related to our independence was displayed and participants were asked to guess the word. Nearly 79 students participated in this contest. Students from various schools and colleges participated in enthusiastically. Student Coordinators Swathi.S, Preethi Gandhi G S and Roopasri MVSL Coordinated the event with Mr .M.Arun , IEEE SB Counsellor.

“Parallel Proverb Contest”

IEEE SB in association with IEEE IES, RAS, COMSOC SBC’s organized an online PARALLEL PROVERB contest on 17th August 2020(5pm-6pm IST). The questions in the contest was given in Tamil and the participants were asked to find the equivalent English proverb. The main agenda in conducting this contest is to enlighten people’s mind with the knowledge of the proverbs in both Tamil and English. Around 35 participants. The First place was secured by Ami George from Amaljyothi College of Engineering, Second place secured by Sowmya.R from MAM College of Engineering, Student Coordinators P.Prejenya Agnesh Rebeca, G.Priyadarshini and Goushika.G.S coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“Guest Lecture On Arm Processor And Alp Using Keil”

IEEE PIT SB in collaboration with IEEE IES, SPS, IAS IETE organized a Guest Lecture on the topic ARM Processor and ALP using Keil by Dr. D. Rama Prabha, Assoc Prof., EEE, SENSE, VIT, Vellore on 18 August 2020 at 11.45 am to 12.45 PM. The speaker began the session by providing basics in ARM processor and continued explaining ARM Assembly code. Furthermore, the speaker explained ARM assembly program using KEIL IDE. She also came up with various examples for arm programs using KEIL and demonstrated the same in this session. In addition, the speaker continued with debugging techniques and explained the different debugging techniques. 172 participants attended. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.



“International Photography Day”

IEEE SB in association with IEEE CS, Photonics Society, RAS SBC’s organized an Online Photography & Quiz contest on the topic "Natural Photography" on “International Photography Day” (August 19, 2020 to August 26, 2020). The event is conducted in motive to encourage all the youths to showcase their skills in Photography. About 68 students participated in this event. Mathi Vandana from St. Joseph's Institute of Technology secured the First place. Logalakshmi from Dr. MGR Janaki College of arts and science for women secured second place. Student Coordinators R. Krishna Prasanth and Kiruba Shankar Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“Humanitarian Quiz Contest”

IEEE SB in association with IEEE PELS, IEEE RAS, IEEE CS SBC’s organized an Online Quiz Contest on 19 August, 2020 at 10.00 AM – 6.00 PM IST. This event was conducted on the occasion of Humanitarian Day. In this question were asked about the great personalities known for their humanitarian activities. The agenda of this event is to sow the sense of humanity in individual’s mind. Around 125 students participated in this event from different educational institutions. Student Coordinators Swathi.C Coordinated the event with Mr .M.Arun , IEEE SB Counsellor.

“Mosquito Day - Find the words Contest”

IEEE SB in association with IEEE COMSOC, Photonics, and EMC organized an online “Find the words” event on the topic “Symptoms on Mosquito Borne diseases” on August 20, 2020 (10AM-6PM IST). In this event, Grid box consist of letters were given in the google form and the participants were asked to find the words related to the symptoms of mosquito borne diseases. This event is organized in order to spread the awareness of the symptoms and diseases caused by the Mosquitos. 28 students participated in this event. Student Coordinators Roopasri.MVSL, Preethi Gandhi G S and Swathi.S coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“Mosquito Borne Disease Scramble Words Contest”

IEEE SB in association with IEEE COMSOC, Photonics, and EMC organized an Online “Scramble Words” event on the topic “Mosquito borne diseases” on August 20, 2020 (10AM-6PM IST). Participants were asked to find the words related to mosquito borne diseases from the scrambled words given in the google form. The event is organized in the motive to celebrate “World Mosquito Day” and to know about Mosquito borne disease” 32 students participated in this event from various colleges and schools. Monupriya.T from Nandha Engineering College secured the first place, Aparna.G from Panimalar Institute of Technology and Vishalakshi.M from Guru Shree Shantivijai Jain College for Women shared the second place and Ami George from Amaljyothi College of Engineering secured the third place. Student CoordinatorS Roopasri.MVSL, Swathi.S and Preethi Gandhi G S Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“World Mosquito Day- Quiz Contest”

IEEE SB in association with IEEE COMSOC, Photonics, and EMC organized Online Quiz contest on the topic “Mosquito borne disease” on August 20th 2020(10AM-6PM IST). In this event, participants were asked to answer the questions via google form. The quiz consists of 20 questions related to diseases caused by mosquitoes. The event is organized in order to acquire knowledge about Mosquito borne diseases. About 99 Students from various schools and colleges participated and benefitted. Student Coordinators Roopasri MVSL, Preethi Gandhi G S and Swathi.S coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“National Renewable Day – Quiz”

IEEE SB in association with IEEE Photonics, PES, SP organized an Online Quiz contest on the topic “National Renewable Energy Day” on August 20, 2020 (10AM – 6PM IST).The participants were asked to answer the questions given in the google form. The event is conducted in a motive to encourage all the youths and make them understand about the need and conservation of Renewable energy. About 256 students participated in this event across india. Student Coordinators GS Goushika, Krishna Prasanth Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“National Renewable Day – Cross Word Event”

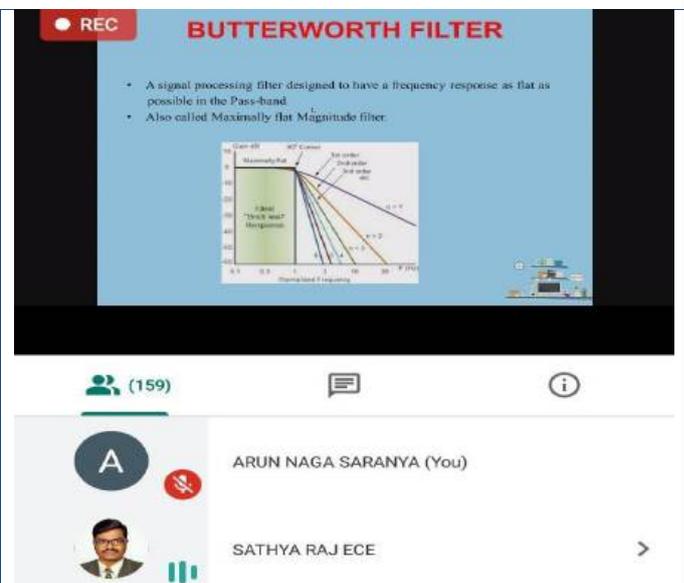
IEEE SB in association with IEEE Photonics, PES, SP organized an Online Crossword contest on the topic “National Renewable Energy Day” on August 20, 2020 (10AM – 6PM IST). The event is conducted in a motive to encourage all the youths and make them understand about the need and conservation of Renewable energy. About 170 students participated in this event. Boomika.D from Bannari Amman Institute of Technology secured the First place, Aishwarya.D from Saveetha College of Allied Health Science secured Second place and Sruthi Rajaram.M from College of Engineering, Pathanapuram secured Third place. Student Coordinators GS Goushika, Krishna Prasanth Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

“National Renewable Energy Day –Crorepati contest”

IEEE SB in association with IEEE Photonics Society, Power and Energy society, Signal Processing society organized Online Crorepati contest on the topic “National Renewable Day” on August 20, 2020 (6PM – 7PM IST). The event took place in Google meet. The event is conducted in motive to encourage all the youths and make them understand about the need and conservation of Renewable energy. About 40 students participated in this event. Swetha.V from Auxilium College, Vellore secured the First place, Ami George from Amaljyothi College of Engineering secured Second place and ChriysIn Emima from St. Joseph’s Institute of Technology secured Third place. Student Coordinator GS Goushika, Krishna Prasanth Coordinated the event with Mr.M.Arun, IEEE SB Counsellor.

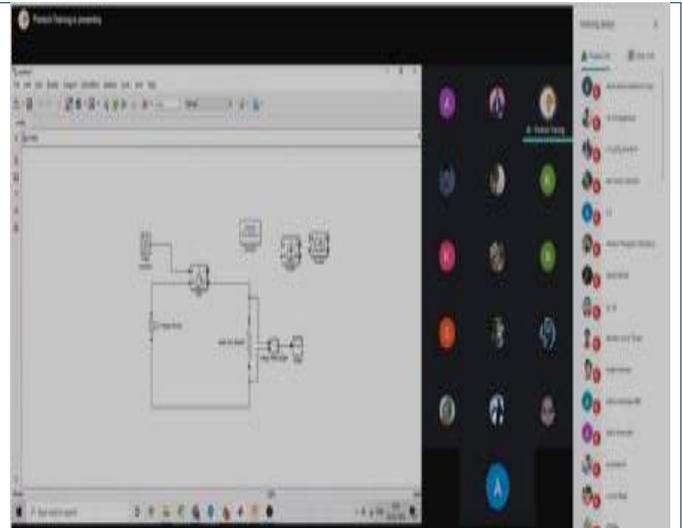
“Guest Lecture On Digital Iir Filter Design”

IEEE PIT SB in collaboration with IETE,IIC, IEEE PHOTONICS,IAS,SPS SBC’S organized a Guest Lecture on Digital IIR Filter Design on 20 August 2020 from 4.00PM-5.00PM by Mr P Sathyaraj, Assistant professor,ECE, RMK College of Engineering &b Technology. speaker started with introduction to IIR filters and briefing its each type. The speaker took the session in interactive way by shooting out questions to the participants like what are IIR filters, difference between IIR and FIR filters. He explained why and where filters are used, types of filters, applications and working of each filter. At the foremost, he started detailing about Butterworth filter, its applications, characteristics problems or drawbacks in the same. Further, he continued with Chebyshev filters , followed by its applications, working and real time usage. Around 182 participants attended. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.



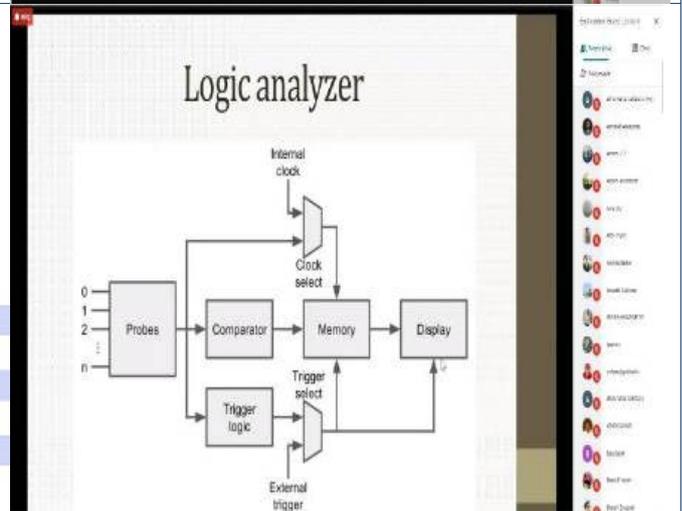
“Online Bootcamp on Electrical Vehicle”

IEEE PIT SB in collaboration with Pantech e Learning, IETE, IIC, IEEE IAS, Photonics, TEMS SBC’S organized an Online Bootcamp on Electric Vehicle from 20.08.2020 – 22.08.2020. The session was conducted for 2hours from 6pm-8pm where multiple speakers from Pantech eLearning delivered and shared their views in this topic. Followed by the introduction, speaker continued the session by providing basics of electric vehicle and its applications in today’s world. He further continued with history and electricity sources. The speaker also dealt with Lithium-ion battery, electric motor and detailed its operation. In addition, the speaker also mentioned about vehicle types – such as pure electric vehicle, plug in electric vehicle. Around 97 participants attended. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SBC



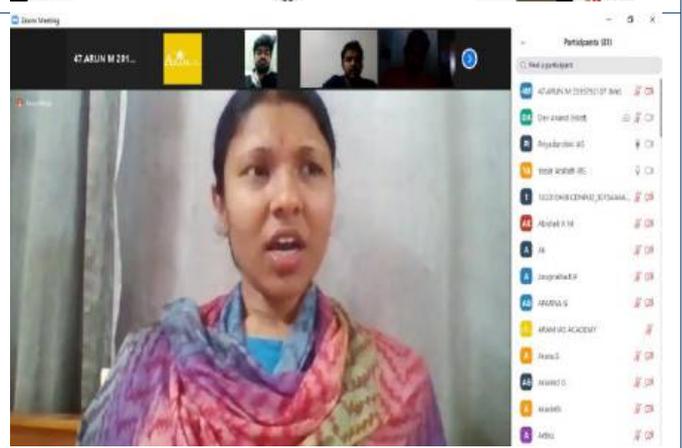
“Guest Lecture On Embedded Computing Platform Design”

IEEE PIT SB in collaboration with IETE,IIC, IEEE RAS,IAS,BTS SBC’S organized a Guest Lecture on the topic Embedded Computing Platform Design by T S Rajalakshmi, Assistant professor, Dept of Mechatronics, SRM Institute of science & Technology, Kattangulathur for final year ECE students on 20 August 2020 from 10.30AM – 11.30AM. Speaker started the session with basics of embedded systems and mentioned that the embedded computing platform design possess unrivalled know-how in hardware-software integration. She further detailed about ARM processor , its operation, its architecture. She also dealt with logic analyzers, briefing about its architecture and operation. Around 168 participants attended. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.



“Webinar On Career Opportunities In Civil Services”

IEEE PIT SB organized a webinar on the Career opportunities in civil services by Ms S priyadarshini, IAS, Sub divisional magistrate, Kalimpong division, West Bengal and Mr Mohammad Yazar, IRS on 22 August 2020 at 4.00PM. Speaker started the session by mentioning Civil service is a lifetime career job, unlike other undergraduate courses. She further elucidated various aspects in civil service exams and detailed about each type along with its importance. In addition, the speaker explained about the most popular Indian Civil Service posts and eligibility criteria for the same. Around 125 participants attended the event. Ms. Anishka, Ms.Gajalakshmi, Mr. Mithresh & Ms. Indhumathi coordinated the event with Mr M Arun, IEEE SB Counselor.



“Pop With Hope”

IEEE SB in association with IEEE, IT, PROCOM, ISTE organized an Online "Pop with hope" contest. The main agenda of the event is to analyse the presence of minds of the participants. In this a 14-letter word was given and the participants were asked to find the maximum number of words with proper meaning from that word. Around 32 participants participated in this contest from various schools and colleges. P.Mathi Vadhana from St Joseph's College of Engineering secured the First place Student Coordinators N.Monika and A.Monica Coordinated the event with Mr.Arun.M IEEE SB Counsellor.

Report by: Mr. M.Arun, arunmemba@ieee.org

Panimalar Engineering College, Chennai

“National Workshop”

Dept. of M.E CSE association with IEEE Madras Section, IEEE Computer Society organized Seven Days Online National Workshop on An Interactive Approach for Online Design, Develop and Delivery for Higher Education 6th – 10th May 2020. Experienced Resource persons from various Universities and colleges handled the various sessions efficiently. The objective is to make the faculty learn about SWAYAM orientation & Prerequisite of Online course design, the various tools available for designing the online courses, creating e-lessons, conducting e-assessment, etc. 104 participants from various states in India participated. The workshop ended with the Valedictory and Feedback Session with participants in the presence of Dr.K.Mani, Principal, Organizing Secretary Dr.S.Malathi, Dean/PG-Engg, IEEE Counsellor with all the resource persons.



“National Workshop Mentoring for Education Abroad What You Can Do”

Dept. of M.E CSE in association with IEEE Madras section, IEEE CS organized two Days Online National Workshop “Mentoring for Education Abroad What You Can Do” 21 & 22 May, 2020. Resource persons are Dr. Ramani Kannan, Professor University Technology PETRONAS, Malaysia Vijay Rajasekar, University of Windsor, Canada. Avinash Nagarajan, University of Portsmouth, England, Dr.Kalyana C. Veluvolu, Director/Head of Nonlinear Control and Bio-Signal Processing Lab, School of EE, Kyungpook National University, South Korea, Mr.SowrabhChandraaNandamuri, Rochester Institute of Technology, New York and Mr.AkashPrakas, University of Hertfordshire, UK.



The objective of this is to learn the perquisites for doing higher education abroad, best universities and its eligibility, its importance and also how to avail internship and placement opportunity abroad. The Valedictory and Feedback Session with Participants was held in the presence of Dr.K.Mani, Principal, Coordinator Dr.S.Malathi, Dean/PG-Engg, IEEE Counsellor with all the resource persons.

“Data Science with Python Webinar Series”

Dept. of M.E CSE organized 4 days Webinar Series from 18-6-2020 to 21-6-2020 in the presence of Dr. K. Mani, Dr. S. Malathi Organizing Secretary. Webinar consists of various sessions like Data Science introduction, frames, Pandas, Data visualization. Second day session consists of Machine Learning, working with data base and so on. The third day session gave bright idea about database and Natural Language Processing. The fourth session deals about GUI development, Numerical Programming and Data mining concepts and end with valedictory function. The various topics was taken by resource person Mr. Karthikeya Raja, Senior Software Engineer, BIX IT Academy Private Limited.



“Webinar on Data Science through Data Mining”

IEEE Computational Intelligence society SB has organized webinar on Data Science through Data Mining on 12th June 2020 by Dr. S. Sridhar, Founder president & CEO of Sbyte technologies in the presence of Dr. M. Helda Mercy – HOD/IT, Mrs.Mary Rexcy Asha, Advisor CIS. Speaker presented about how the data science used via data mining. Around 65 students have actively participated in this webinar. Mr.Sriram, chair CIS, proposed the vote of thanks.



“Short Term Course on Software Testing: An Industry Perspective”

IEEE Robotics and Automation society SB organized the four days short term course Software Testing: An Industry Perspective from 15.07-2020 to 18-07-2020 in presence of Dr.M.Helda Mercy –HOD/IT, Mrs.S.Uma, Advisor RAS. Around 100 students actively participated. Speakers are Mrs.Maria Antony Kuveena (Senior Business Analyst, Ex-employee Wipro Ltd,USA), Mrs.B.Madhu Devi(Senior Consultant QA, Vintusa Consulting service, Chennai.), Mrs.Poornima Ekamban (Automation test Engineer Upgradient, Newzealand),Mrs.Santhia M,(Associate CTS ,Chennai) were delivered the presentation of various software testing tools via online, shown the demo using Selenium .



“Seminar on VR / AR @ 360 view”

ept. of M.E CSE in association with IEEE Madras Section, IEEE Computer Society organized seminar onVR / AR @ 360 view by Dr. L. Arun Raj, Associate Professor, Dept. of CSE, B. S. Abdur Rahman Crescent Institute of Science And Technology 10 July 2020.. Around 20 students have actively participated in this Seminar. Dr.S.Malathi, Dean/PG-Engg, IEEE Counsellor delivered the vote of thanks.

“Guest Lecture on Software Testing”

Dept. of M.E CSE in association with IEEE Madras Section, IEEE Computer Society organized Guest Lecture on Software Testing by Dr. A. Kannan, Former Professor and Head, Department of Information Sci & Tech, CEG, Guindy on July 13th 2020 Around 20 students have actively participated in this Seminar. Dr.S.Malathi, Dean/PG-Engg, IEEE Counsellor delivered the vote of thanks.

“Seminar on Mining Communities in Social Networks”

Dept. of M.E CSE in association with IEEE Madras Section, IEEE Computer Society organized seminar on Mining Communities in Social Networks on 20th July 2020 .The resource person is Dr. S. Karthika, Associate Professor, Department of IT, SSN College of Engineering. Around 20 students have actively participated in this Seminar. Dr.S.Malathi, Dean/PG-Engg, IEEE Counsellor delivered the vote of thanks.

Report by: Dr.S.Malathi, smalathi_pec@ieee.org

PPG Institute of Technology, Coimbatore

“Webinar on Emerging trends in Industrial Automation”

ECE dept. and IEEE SB organized One Day “Webinar on Emerging trends in Industrial Automation” on 08 June 2020 11.00 am to 1200 pm for UG and PG students. Resource person is Mr S. Thirumurugan, Technical Engineer, Trustable Portable Electro Point, Coimbatore. A total of more than 65 students attend this event and gained knowledge in Industrial Automation.Dr. V.Bindhu, HoD ECE along with Mr. C. Gokul Prasad & Mr. S. V. Ramanan AP/ECE coordinated the event.



Report by: Dr.V.Bindhu, vbindhuppg@gmail.com

Saveetha Engineering College(Autonomous), Chennai

“3 Days Virtual Workshop on Building Your Own Computer Controlled Robots”

IEEE SB organized a webinar on Building Your Own Computer Controlled Robots from 13 May, 2020 to 17 May, 2020. In the session, Mr. V.S. Rajasekar, Project Assistant, Indian Institute of Science, Bangalore delivered lecture on the role of embedded system in Robotics, automobile sector, agriculture sector etc. The computer controlled Robots were briefed and demonstrated using case studies. A total of 140 members from various institutions participated in the event. The session wined up with a thanking note by Dr. Srigithanath, HoD – ECE.



“Webinar on Engineering in Healthcare”

Medical Electronics Dept. & SEC IEEE SB organized live webinar on Engineering in Healthcare on 23 May, 2020. Mr. Madhanlal, AP/MED introduced the resource person. Er. Deepika Princes, Senior Analyst Expert from ZIFO R&D Solution. She discussed about various diagnostic and Therapeutic Equipments. The session was attended by more than 100 participants from various sections of technical fraternity, including faculty members from technical institutions, Scholars pursuing Research at various research laboratories, practicing technical Professionals from Industrial world and students, from across the nation. Live webinar function ended after the vote of thanks by Dr. M. Moorthi, HoD – Medical Electronics.



“Webinar on Scope of Medical Electronics Engineering in Abroad”

Medical Electronics dept. & IEEE SB organized a webinar on “Scope of Medical Electronics Engineering in Abroad” on 24 May, 2020 in presence of Er. Aashik, Research Scholar, Johnson & Johnson, University College, Dublin - Presented Scope of Medical Electronics Engineering in abroad opportunities based on country, courses, semester abroad programme, expenses based on the country, scholarship availability, application process, SOP preparation, VISA process and many more. Students express their gratitude towards the significant of knowledge which is shared. 200 engineering students participated in the webinar. The session wined up with a thanking note by Dr. M. Moorthi, HoD – Medical Electronics.



“Report on Partial Shading of PV Panels-MATLAB Performance Analysis”

IEEE SB organized a Webinar on Partial Shading of PV Panels-MATLAB Performance Analysis by Dr. Ezideen A. Hasso, Professor, Mechatronics Engineering Department, Tish International University, Erbil, Iraq on 05.06.20 by IEEE Student Branch. Around 100 participants attended to hear on the topic Partial Shading of PV Panels-MATLAB Performance Analysis. He briefed about MATLAB performance analysis for PV Panels, The session wined up with a thanking note by Dr. Srigithanath, HoD – ECE.



“Report on Strategy and Tips to Enhance Research Methodology in IEEE Xplore”

The webinar started with the speaker Mr.Perisamy Pradeep , Traning Manager ,IEEE & EBSCO Information Services, organized on 01.06.20 by Saveetha IEEE Student Branch. Around 100 participants attended to hear on the topic Strategy and Tips to Enhance Research Methodology in IEEE Xplore. He briefed about IEEE Xplore content available and how it helps in development of research methodology, the speaker spoke about his own experience and encouraged volunteers to come forward to share their story. He cleared all delegate doubts. The session winded up with a thanking note by Dr. Srigithanath, HoD – ECE.

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WEBINAR ON
STRATEGY AND TIPS TO ENHANCE RESEARCH METHODOLOGY IN IEEE XPLORE
 JUNE 11:00 AM TO 12:00 PM
 1st Monday 2020
 Mr. Periasamy Pradeep,
 IEEE & EBSCO Information Services,
 Training Manager.

“Webinar on Flow Cytometer for COVID 19”

Medical Electronics dept. & IEEE SB organized webinar on Flow Cytometer for COVID 19 by Er.Mir.N.Tajuddin Ahmed,Chairman Expert from MIR GADGETS Pvt.LTD., on 06 June, 2020. The session was attended by more than 100 participants from various sections of technical fraternity, including faculty members from technical institutions, Scholars pursuing Research at various research laboratories, practicing technical Professionals from Industrial world and students, from across the nation. Live webinar function ended after the vote of thanks by Dr. M.Moorthi, HoD – Medical Electronics.



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IEEE
 MEDICAL ELECTRONICS & BIOMEDICAL ENGINEERING
 IN ASSOCIATION WITH IEEE
 Jointly Organize
TECHNICAL WEBINAR ON
FLOW CYTOMETER FOR COVID 19
 JUNE 10:00 AM TO 11:00 AM
 06th Saturday 2020
 Mir N Tajuddin Ahmed
 Chairman - MIR GADGETS Pvt Ltd
 Convener: Dr. M. Moorthi
 Head/Medical Electronics
 Coordinators: Dr. A.K.Gnanasekar, Mr. N.Shankar, Mr.K.Sankar

“Webinar on Concept of Medical Video Compression and Its Application”

Medical Electronics dept. IEEE SB organized webinar on Concept of Medical Video Compression and Its Application by Er.S.Vadivel,Senior Technical Architect Expert from Continental Corporation,Bangalore on 14 June, 2020. The session was attended by more than 100 participants. He discussed about various Compression Techniques and its application in Medical field and Industry. Also, he interacted with students. Live webinar function ended after the vote of thanks by Dr. M.Moorthi, HoD – Medical Electronics.

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 IN ASSOCIATION WITH IEEE
 Jointly Organize
TECHNICAL WEBINAR ON
CONCEPT OF MEDICAL VIDEO COMPRESSION & IT'S APPLICATION
 JUNE 10:00 AM TO 11:00 AM
 14th Saturday 2020
 S. Vadivel
 Senior Technical Architect,
 Continental Corporation Bangalore.
 Convener: Dr. M. Moorthi
 Head/Medical Electronics
 Coordinators: Dr. A.K.Gnanasekar, Mr. N.Shankar, Mr. Madhanlal

“ 5 Days Virtual Faculty Development Program (FDP) on Embedded and Real Time Systems;

IEEE SB organized 5 Days Virtual FDP on Embedded and Real Time Systems from 15-19.06.2020 Around 100 participant attended. Speakers gave at most information about Processors and Controllers. Academic Resource persons were Dr.S.Radhika,Professor,ECE,St.Peters college of Engineering and Technology, Dr.J.Rangarajan, Prof, Muthammal Engineering College, Dr.N.Anusha, Prof, SA College, Dr,S.R.Malathi, Asso. Prof, SriVenkateshwara College of Engineering. Industrial Resource person were Mr.R.Sivaprakash, Director, IELECTRON, IIT Madras Research park, Ms.Sivaranjani,Senior Executive ,TVS Training and Service, Mr.P.Sathya Narayanan,Embedded Software Developer,Ashok Leyland.The session winded up with a thanking note by Dr. Srigithanath, HoD – ECE.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
IN ASSOCIATION WITH IEEE AND IETE
FIVE DAYS VIRTUAL FACULTY DEVELOPMENT PROGRAMME ON
EC8791 - EMBEDDED AND REAL TIME SYSTEMS
AS PER R2017 ANNA UNIVERSITY SYLLABUS

15.06.2020 to 19.06.2020
Free Registration | E Certificate will be Provided
Mode: Online Self-Paced
Registration Link: <https://anna.edu/ieeedep/2020/06/15/>

EXTERNAL ACADEMIC RESOURCE PERSONS
Dr. S. Radhika, Dr. J. Rangarajan, Dr. N. Anusha, Dr. S. R. Malathi

INDUSTRIAL RESOURCE PERSONS
Mr. R. Sivaprakash, Ms. Sivaranjani, Mr. P. Sathya Narayanan

For any Details Contact: S. 88875 92640, 78777 84986, 97794 97350

“Webinar Report on Medical Image Processing using Python”

Medical Image Processing using Python online webinar conducted on 16 June 2020 by SEC IEEE SB and Medical Electronics dept. with the presence of our speaker Mr. Adhithaya Viswanathan, Scientific Research Scholar, Magduburg, Germany. The speaker provided a wide introduction to Image processing Techniques and different work phase developments in this field. He showcased the medical image processing using Python Tool. Live webinar function ended after the vote of thanks by Dr. M.Moorthi, HoD – Medical Electronics.



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MEDICAL ELECTRONICS & BIOMEDICAL ENGINEERING
IN ASSOCIATION WITH IEEE

Jointly Organize
ONLINE WORKSHOP

MEDICAL IMAGE PROCESSING USING PYTHON

16th JUNE 2020 10:00 AM TO 12:00 PM
Tuesday

Adhithya Viswanadhan
Scientific Research Assistant
Magduburg, Germany

Convener: **Dr. M. Moorthi**, Head/Medical Electronics
Coordinators: **Mr. N. Shankar**, **Mr. Madhanlal**, **Mr. K. Sankar**

SaveethaEngineeringCollege/

“Webinar Report on Rehabilitation Engineering in Medical Field”

Medical Electronics Dept. & SEC IEEE SB organized live webinar on Rehabilitation Engineering in Medical Field on 21 June, 2020 with guest Er.Karthick Natesan, Research Scholar, Texas,USA. Speaker illustrated about the Rehabilitation engineering in medical Field. The webinar was signed off after the vote of thanks by Dr. M.Moorthi, HoD – Medical Electronics.

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MEDICAL ELECTRONICS & BIOMEDICAL ENGINEERING
IN ASSOCIATION WITH IEEE

Jointly Organize
ONLINE WEBINAR

REHABILITATION ENGINEERING IN MEDICAL FIELD

21st JUNE 2020 10:00 AM TO 11:00 AM
Tuesday

KARTHICK NATESAN
Research scholar
Texas, USA

Convener: **Dr. M. Moorthi**, Head/Medical Electronics
Coordinators: **Mr. M. Shankar**, **Mr. Madhanlal**, **Mr. K. Sankar**

“Webinar Report on LASER & Its Application”

LASER & Its Application online webinar organized by SEC IEEE SB and Medical Electronics on 20 June 2020 with the presence of our speaker Mr. Jagadesh O.E, Executive VP, Laser science Pvt.Ltd. He spoke about the skills required to become a LASER scientist and gave tips to improve them. The latter was an interactive session between the speaker and the delegates, which was the highlight of the webinar. The session winded up with a thanking note by Dr. M.Moorthi, HoD – Medical Electronics.

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WEBINAR ON

LASER AND ITS APPLICATION

20th JUNE 2020 | 10:00 AM TO 11:00 AM
Saturday

Jagadesh O.E.
Executive VP, Laser Science Services (I) Pvt. Ltd.

Convener: **Dr. M. Moorthi**
Head/Medical Electronics

Coordinators: **Dr. A.K. Gnanasekar**, **Mr. N. Shankar**, **Mr. K. Sankar**

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International Webinar Series 5 Days Virtual Faculty Development Program (FDP) on Artificial Intelligence and Cybersecurity-An Advanced Approach to Power Systems

IEEE SB organized 5 Days Virtual FDP on “Artificial Intelligence and Cybersecurity-An Advanced Approach to Power Systems” from 22.06.2020 – 27.06.2020. Around 100 participant attended. Speakers gave at most information about AI Optimization Techniques based on optimal power flow for Microgrid, Power Systems Protection, Intelligent Techniques for Power transmission and Distribution, Cyber Security in Automation System, Role of AI for Next generation power systems, Machine Learning in power systems.

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

INTERNATIONAL WEBINAR SERIES

Faculty Development Program on **ARTIFICIAL INTELLIGENCE & CYBER SECURITY: AN ADVANCED APPROACH TO POWER SYSTEMS** for Faculty Members/Research Scholars/ Industry Personnel

OBJECTIVE: To effectively use AI tools and Machine Learning algorithms to design better and more efficient systems in the field of Power system. Generation, Transmission, Distribution, Protection, Control and Microgrids. This FDP also focuses on Cyber Security in Substation Automation.

22nd June 2020	23rd June 2020	24th June 2020	25th June 2020	26th June 2020	27th June 2020
Dr. K. Sankar Associate Professor Saveetha Engineering College	Dr. S. Srinath Associate Professor Saveetha Engineering College	Dr. S. Sreejith Associate Professor Saveetha Engineering College	Dr. S. Selvakumar Associate Professor Saveetha Engineering College	Dr. S. Divyasambathkumar Associate Professor Saveetha Engineering College	Dr. S. Aravind Associate Professor Saveetha Engineering College

Mode of Delivery: Online (Zoom)
Registration Fee: 100 Rupees
Topic: #IEEE2020
Internet Banking: Indian bank
Account number: 627395621
Name: IEEE SB
Branch: Valluvarpet
IFSC Code: IIDE0000000

Registration Link: <https://www.saveetha.ac.in/fdp2020>

Faculty members will receive an email all the 10 sessions are eligible for certificate with value

Academic and Industry Resource persons were Dr.K.Palanikumar, Chairman, KIC, Dr.S.Devshraj, Pfof/SSN College, Mr.K.Sudhendra, Training Specialist, GT Pvt.LTD., Dr.S.Srinath, Velammal Engineering College, Dr.Bhaskar Sahu, Tech Assistant, IEDS, Dr.Divyasambathkumar, PDF, NTU, Singapore, Er.S.Selvakumar, Power Project, Dr.C.Vaithialingam, VIT, Chennai, Dr.S.Sreejith, NIT, Silkar, Assam, Dr.D.Kavitha, Thiagaraja Engineering College. The session winded up with a thanking note by IEEE Event Coordinator.

“ 5 Days Virtual Faculty Development Program (FDP) on NanoTechnology ”

IEEE SB organized 5 Days Virtual FDP on NanoTechnology from 29.06.2020 – 03.07.2020. Academic and Industry Resource persons were Dr.Nirmala Grace, Director, Centre for Nanotechnology, VIT, Vellore, Dr.Ponpandiyan, Prof & Head, Nano Science & Technology, Bharathiyar University, Mr.Madhan, AP/ECE, Sathyabama Institute of Science & Technology, Dr.A.K.Gnanasekar, Dr.Indhumathi, Dr.T.Aravind, Saveetha Engineering College. Around 100 participant attended. Speakers gave at most information about Nanomaterials, NanoStructures, Measurement of Nanomaterials, Application of Nanotechnology.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
IN ASSOCIATION WITH IEEE AND IETE PRESENTS

5 DAYS NATIONAL LEVEL VIRTUAL FDP ON NANOTECHNOLOGY
FACULTIES - RESEARCH SCHOLARS - POSTDOCS

DATE 29.06.2020 to 03.07.2020	TIME 10:00 AM to 12:00 PM	LAST DATE OF REGISTRATION 28.06.2020
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FDP TOPICS

- Day 1 Introduction to Nanotechnology
- Day 2 Nanomaterials
- Day 3 Nanostructures
- Day 4 Measurement of Nanomaterials
- Day 5 Applications of Nanotechnology

Free Registration
E-Certificates will be Provided
Registration Link: <https://bit.ly/2Uj9532>

RESOURCE PERSONS

Prof. (Dr.) A.Nirmala Grace Professor & Director, Centre for Nanotechnology Research, VIT, Vellore - 622014	Dr. N. Ponpandiyan Prof & Head, Dept. of Nanotechnology and Technology, Bharathiyar University, Coimbatore	Mr. Madhan M.Tech., Ph.D., Associate Professor, Dept. of U.C., Sathyabama Institute of Science and Technology
Dr. T. Aravind Associate Professor, Saveetha Engineering College	Dr. K. Indhumathi Associate Professor, Saveetha Engineering College	Dr. A.K. Gnanasekar Associate Professor, Saveetha Engineering College

For details Contact: 99404 53582 / 91761 08306

Coordinator: **Dr. Srinath S. Nair**, HOD/EE
Coordinator: **Dr. K. Indhumathi**, Associate Professor, 202002
Mr. D. Srinivasan, Associate Professor, 202002

ICSSS 2020 Conference

IEEE International Conference on Smart Structures and Systems is organized by SEC in association with IEEE Student chapter and IETE student branch during 23 and 24 July 2020 with plenary talks and forum discussions, parallel sessions together with paper presentations. Expert lecture was delivered by Mr. Inderpreet Kambo, Associate Principal, Charles River Associates, who enlightened us in his speech about the healthcare and how to equip ourselves to face the booming technology in future. Dr. Mohammad Mahdi Hasani-Sadrabadi, Assistant Project Scientist, Department of Bio Engineering, Henry Samueli School of Engineering, University of California, Los Angeles, carried the session on Engineered Artificial Cells: Towards Smart Functional BioStructures followed by Dr. N. Kumarappan, Professor/EEE, Faculty of Engineering and Technology, Annamalai University, Chairman - IEEE Madras Section, enlightened his speech about the procedures and importance of IEEE publication.

SAVEETHA ENGINEERING COLLEGE
 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 CENTRE FOR MICRO NANO DESIGN & FABRICATION
 in Association with
IEEE
 Madras Section
7th International Conference on
"SMART STRUCTURES AND SYSTEMS"
ICSSS 2020 - VIRTUAL CONFERENCE
 23rd & 24th July 2020
 Organized through Zoom

Dr. Mohammad Mahdi Hasani-Sadrabadi Assistant Project Scientist, Department of Bio Engineering, Henry Samueli School of Engineering, University of California, Los Angeles.	Dr. Inderpreet Kambo Associate Principal, Charles River Associates, Bedford, Massachusetts, USA.	Dr. N. Kumarappan Professor/EEE, Faculty of Engineering and Technology, Annamalai University.	Dr. L. Sujatha Associate Professor, Department of ECE, Rajalakshmi Engineering College.	Dr. Koushik Guha Assistant Professor, Department of ECE, NIT Silchar, Assam, India.
Chief Patron Dr. N.M. Veeraiyan Founder President & Chancellor, SIMATS	Patron Dr. S. Rajesh Director, SEC	Patron Dr. V. Saveetha Rajesh President, SMCH		
Organizing Chairs Dr. P. Mangayarkarasi, Dr. A. Anitha Juliette	Conference Chair Dr. Srigha S. Nath	Principal Dr. R. Ramesh		

Dr. Koushik Guha, Assistant Professor, ECE & Associate Dean of Students Welfare in NIT Silchar, delivered an overview of innovation in electronics based MEMS technology in all fields like medical, agricultural, management, food industry, etc., during the fourth session followed by Dr. L. Sujatha, Professor/ECE, Rajalakshmi Engineering College, thrown some light on the sensational Surface Acoustic Wave (SAW) Sensor Technology. Eminent academicians and Heads of Departments from all over India are among the galaxy of intellectuals witnessed the event. There were 15 parallel sessions over which around 102 research papers were presented by the participants from all over India and other countries like South Africa, Bangladesh and Florida. The best papers are awarded in the valedictory ceremony by Dr. R. Ramesh, Principal.

Sri Manakula Vinayagar Engineering College, Puducherry

"Webinar"

EEE Dept. & IEEE SB organized a live webinar on Latest Standards and Design aspects of Electrical Generators for Thermal, Hydro and Wind Power Plants by Mr. S. Senthil Kumar, Assistant Director, NPTI, Neyveli, Ministry of Power, Government of India on 13th Aug, 2020 between 11.00 am to 12.30 p.m. Speaker came up with the slides exhibiting design aspects of electrical generators and its requirements which are needed in the professional world, followed by interaction with participants. 144 participants participated.

Sri Manakula Vinayagar Engineering College
 An Autonomous Institution
 Department of Electrical and Electronics Engineering
 in association with
IEEE
 IEEE Student Branch (STB 62884)
 Organizes
Webinar
 ON
Latest Standards and Design aspects of Electrical Generators for Thermal, Hydro and Wind Power Plants
 No Registration fee

Professor & Head Dr. S. Anbumalar	Date & Time 13th Aug 2020 11.00 a.m to 12.30 p.m	Coordinator Mr. Thangaraj K. Appaiah
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Registration Link
<https://www.zoom.us/j/92581189294>
 For more information contact

Report by: Dr. S. Anbumalar, hodeee@smvec.ac.in

St. Joseph's College of Engineering, Chennai

"Webinar on Traction Motor Development Status and Trend for EV Applications"

IEEE SB & Industry Applications Society organized Webinar on Traction Motor Development Status and Trend for EV Applications as a part of ERUDITE TALK webinar series by Mr. Dr. Ronghai Qu, China on 22/05/2020. Dr. Ronghai Qu started with the latest trend in Electrical vehicles (EV) and the existing EV's in the market. He then explained the importance of a motor which replaces the Engine in conventional vehicles. Later he compared the existing motors used in EV's and the Traction motor which is a new trend. speaker explained about the performance of the Traction Motor on different working conditions and its uniqueness compared to other motors in the industry. He explained the Analysis of the Traction motor based on performance to improve its efficiency and various techniques to achieve maximum torque

with low input current. He also discussed the battery management and the electrical characteristics of the traction motor. A total of 300 Participants attended the webinar and made use of it.

“Webinar on The physical limitations of electric machines”

IEEE SB & Industry Applications Society organized Webinar on The physical limitations of electric machines as a part of ERUDITE TALK- webinar series by DAVID TORREY, Senior Principal Engineer at GE Global Research on 26/05/2020. Speaker initially explained about the fundamentals of electric machines, electromagnetic force, the stress tensor, the electric loading, the magnetic loading, the torque and power with this explanations he explained some observations on how losses associated with these parameters like electric ,magnetic loading etc and then the average power conversion is explained in a machine with the evidence of several formulas and several losses associated with it and he explained about making of traveling waves with several formulas with explanation of that formulas and he made observations on adjusting frequency of wave. About 466 National and 6 International participants registered and benefited through the third webinar of the series.

“Webinar on Power Industry Today”

IEEE SB & Power Electronics Society organized Webinar on Power Industry Today as a part of ERUDITE TALK- webinar series by Karen Pederson , IEEE-USA President 2017 on 27/05/2020. Speaker made clear that the power system analysis is the future in the utility industry and she explained about the power system analysis then she explained about the electric utility careers as it involves all other branches of engineering such as mechanical, civil, environmental, Rate, nuclear engineers etc and she also added that it involves life-long learning and it makes us to stay on top of our craft. She also explained that power system analysis is moreover like playing a computer game. speaker motivated all the participants to prove ourselves in skill on work to the upper management, various planes must be made to do a work and to make that plans into action and for the action to be done with the requirements like transmission engineers, substation engineers etc. She explained the future of power industry like Higher voltage transmission lines and substations -1000kv in China etc and she gave a clear idea about the distribution operations and Rate making for future for tariff, distributed generation etc., About 447 National and 4 International participants from various countries around the world registered and benefited through the third webinar of the series.

“Webinar on Solar E-Cycles:Empowering People”

IEEE SB & Power Electronics Society organized Webinar on Solar E-Cycles:Empowering People as a part of ERUDITE TALK- webinar series by Alex Makallwa, General Manager at Solar E-Cycles Kenya on 28/05/2020. Speaker made clear that this technology is done with the vision to create jobs for young people in Kenya and across the continent and he added that this technology is to empower the people and especially women and he explained about the mobility and access to electricity in Rural Africa and the ways to recover from this two bigger problems and He explained about the solar tricycle that they have invented and he added that it has a capacity to carry up to 200 kilometers ,a range of 60-100kms and able to recharge in approximately about 4 hours of peak sunshine and he explained that this tricycle can also be used to power lighting points or any other electrical appliances within their homes and he excited on sharing this information that their president participated as one of their test pilots and he said the uses which are done by the tricycle. About 486 National and 4 International participants from various countries around the world registered and benefited through the third webinar of the series.

“Webinar on Power Quality Real-Time Monitoring of a PV Plant connected to the Grid”

IEEE SB & Industry Applications Society organized Webinar on Power Quality Real-Time Monitoring of a PV Plant connected to the Grid as a part of ERUDITE TALK- webinar series by Dr. Nacer Greffou’s, Founder and owner of Algeria Smart Grids on 30/05/2020. Speaker initially said about the missions and standard developments in the smart grids .He then said about the advancements in grid control and the PV characteristics along with the graphical representation of the power flow from the grids to the domestics. He then specified about the factors affecting the power flow and the advantages and disadvantages of the renewable energy power management. The real-time monitoring of the PV plant was explained precisely using graphs and pictures. About 466 National participants registered and benefited through the seventh webinar of the series.

“Webinar on Solar And Renewable Energy”

IEEE SB & Women In Engineering Society organized Webinar on Solar And Renewable Energy as a part of ERUDITE TALK-webinar series by Simay Akar, Renewable Energy Marketing and Business Development Professional on 03/06/2020. Speaker made clear about the technologies that are emerged in different renewable energy sources such as wind energy, solar energy, energy from biomass etc. thus in solar she said about most of its outputs such as its uses in cars ,home and comparably she explained the advantages of solar energy than any other sources of energy.Then she explained that renewable energy, energy efficiency, electric vehicles and hydrogen can provide bulk of necessary emissions reductions by 2050 using a graph then she said about the renewable energy job opportunities by 2050 and she explained about the new investment priorities on renewable, efficiency and electrification. About 387 National and 2 International participants from various countries around the world registered and benefited through the third webinar of the series.

“Webinar on Role of STEM in Modern Education”

IEEE SB & Women In Engineering Society organized Webinar on Role of STEM in Modern Education as a part of ERUDITE TALK- webinar series by Sonia Dsouza, STEM Facilitator, Robotics Educator, LEGO Event Organizer, Curriculum Developer, Online Educator on 06/06/2020. Speaker made clear about what is meant by STEM, its overview and role of teachers in educating the step. She said that through STEM the students take away the skills like problem solving, creativity, critical analysis, teamwork, independent thinking, initiative, communication etc. She explained the difference between the STEM education and the traditional education. She said about the 4C learning approach and 21st century learning skills. She also explained about the products they use to make students to learn in different stages of their school life. She said about the evolution of STEM into STREAM and she shown a working of small robot, based on sensing its way to go, made by the students learning STEM. About 399National and 2 International participants from various countries around the world registered and benefited through the twelfth webinar of the series.

“Webinar on My Journey on How I Made It Through EE”

IEEE SB & Power Electronics Society organized Webinar on My Journey on How I Made It Through EE as a part of ERUDITE TALK- webinar series by WIKENDER ALCIUS, Electrical Engineer at Interplan LLC - Nationwide Development Architects and Engineers on 07/06/2020. Speaker initially said about the Road to achieve success which included the Background, Motivation, Sacrifices and determination .He said about his life events that made him to work hard for success, he said that initially he failed in his first ever test and he was very emotional and he was very simple. Then he explained the way he found to cope up with studies like finding which study group helps his studies and also finding the way to change his studying style and finally he succeeded in his examinations. About 289 National and 2 International participants from various countries around the world registered and benefited through the thirteenth webinar of the series.

“Webinar on From Automatic To Autonomous - Defining Industrial Vehicles Capabilities”

IEEE SB & Industry Applications Society organized Webinar on From Automatic To Autonomous - Defining Industrial Vehicles Capabilities as a part of ERUDITE TALK- webinar series by ELENA MESSINA, Group Leader, Manipulation & Mobility at National Institute of Standards and Technology on 9/06/2020. Speaker initially said about the missions and standard development on scientific and technology of united states national institute of standards and technology , enabling the next generation of robots for manufacturing like saying about the advances in robotics etc., She then said about many species and types of industrial vehicles then she said about how to match a vehicle to our needs by knowing capabilities ,user requirements etc. She said about A-UGV and the autonomy of the vehicle and the dimensions of autonomy with examples and she said about the standards that will focus on capabilities and she shown an examples of reporting form then she added about the analysis of A-UGV towards narrow path , curved path and grade(ramp).She explained about the general obstacles that are faced like virtual obstacles, Atypical obstacle, overhanging obstacles, small obstacles and she said about the environmental conditions it works on.About 400 National and 1 International participants registered and benefited through the fifteenth webinar of the series.

“Webinar on Electrical Vehicles Charging”

IEEE SB & Power Electronics Society organized Webinar on Electrical Vehicles Charging as a part of ERUDITE TALK- webinar series by Hang Seng Che, Senior Lecturer at University of Malaya & Associate Editor of IET-EPA and Alexandria Engineering Journal Mahdi Tousizadeh , Postdoctoral Research Fellow at University of Malaya on 10/06/2020. Speaker started by explaining the overview of EV Trends and EV Charger, the Principles of AC and DC Charges, Integrated EV Charger were explained by Mahdi Tousiziadeh. Initially Hang Seng Che explained about the different types of electric vehicles and the graph on global trends in vehicle emission reduction. Then he made a comparison of local CO2 Emission of PHEV and ICE .He also made a explanation on life-cycle emissions for ICE and Electric Vehicles in Europe in 2015 and the evolution of EV Efficiency and Range .Then he said about the customers concerns on BEVs .He added about the electric vehicle service equipment and its AC and DC charger. Then Mahdi sir explained about the SAE J1772 Charger Control and control pilot signals. He also added about the AC charger and its limitations . 400 National and 1 International participants from various countries around the world registered and benefited through the sixteenth webinar of the series.

“Webinar on Protection And Control Fundamentals”

IEEE SB & Power Electronics Society organized Webinar on Protection And Control Fundamentals as a part of ERUDITE TALK- webinar series by Syed F Bukhari is an engineer in Protection And Control Field at Florida Power and Light Company, Kissimmee, Florida, United States on 12/06/2020. Speaker said about the basic Protections and Control of Sub-Stations, He made it clear about Protection system of Sub-Stations namely Relays , Instrument Transformers (CT and PT) and Breakers ,in the field of control he gave explanation of SCADA working, Remote communication process(RCP) and Substation Communication process(SCP).He also shared his knowledge about Sub-Station Designing or Commissioning. The guidelines provided by the speaker includes Working of circuit breaker from the substation. He also shared the Single Line Diagram (SLD) of a Substation. About 350 participants from various countries around the world registered including 348 national and 2 internationals have benefited through the eighteenth webinar of the series.

“Webinar on Mechatronics Developments in Automobiles”

IEEE SB & Industry Applications Society organized Webinar on Mechatronics Developments in Automobiles as a part of ERUDITE TALK- webinar series by Dr. Tomy Sebastian director – Motor Control Systems at Halla Mechatronics. Former IEEE IAS President on 20/06/2020. Speaker said about the differences between automotive and normal vehicles. He then gave a detailed explanation for all the automotive machine construction design and the consideration factors for automotive vehicles. He then specified about the improvement in automatic vehicles from long ages to today. Many design affecting factors, winding considerations, and the communication needed inside the vehicle to take care of the control was neatly explained. Various questions such as “How 5G technology will affect the autonomous vehicle designing?”, “What about the future of Semiconductor devices in automotive vehicles?” were asked. The speaker came up with beautiful answers and satisfied with all the participants. About 375 participants from various countries around the world registered and benefited through the twenty-first webinar of the series.

“iSchool Series”

CSE Dept., IEEE Computer society, IEEE SB has conducted a series of events for school students titled, the iSchool Series to nourish the creative and intellectual skills of the participants. The events conducted are Bloggers Spot (blog writing competition), Brainy.exe (a computer aptitude test), Etch-a-sketch (sketching competition), Hotsheet (quiz competition). About 100-120 students participated in these events on 26 June, 2020.

Bloggers Spot: In this blog writing competition participants were given 10 topics. The topics were announced on 20th June 2020 and the participants were asked to submit their work through a submission form on or before 25th June 2020 to furnish a platform for participants to put their creative writing skills to practice.



Brainy.exe: This event was a solution provider contest, where the problem statements were given to the students and the students have to find innovative solution for the given statement. The event was conducted from 6 to 7 pm on 23rd June 2020. The event was conducted on the Testmoz automatic test grading platform. It was conducted to put the reasoning skills of the participants to test. The test consisted 3 sections with 10 questions under each section: Section 1: Find out the geek in you! Section 2: Do you have any knowledge of applications? Section 3: Surprise quiz.

Etch-a-sketch: In this sketching event the participants were given three topics to choose from which are as follows, Expressing unconditional love, Best ever dream you had, Portrait of any personality. The topics were announced on 20th June 2020 and the participants were asked to submit their work on or before 25th June 2020. The competition presented a great space for students to showcase their sketching skills.

Hotsheet: This event was a quiz on current trends and personalities. The event took place from 6 to 7 pm on 24th June 2020. We conducted the event on the kahoot game based learning platform to make the experience of the participants more enjoyable. It was an excellent avenue for participants to test their knowledge on current affairs.

Event Name	First place	Second place	Third place
Blogger’s Spot	Janet A	Junia Kathryn Lily J	K R Kharnika
Brainy.exe	Jeyashree R	Chris Aaron	Akshara Ramprasad
Etch-a-Sketch	Samhithaa K	Jerusha R	Mukesh Kumar V
Hotsheet	Sriya K	K Ramya	Vinisha R

“WEBATOR”

IEEE CS & IEEE SB conducted a Technical event WEBATOR a website development contest. Thus it brings lots of creativity among the students to learn and indulge themselves in web creations which has a great career ahead as a developer. In this event there were totally 10 websites given and the participants were asked to replicate any one and submit their source code as a zip file on or before 20 June, 2020. Nearly 70 participants from various colleges across India had participated in this event. The evaluation was done by Ashwin kumar, vice chair computer society. The winners were announced on 23rd June, 2020 and they are as follows. First Place - Ajay Kumar S N, Second Place- Haniel Edward Jacob, Third Place- Divya P.



“Logo Trivia”

IEEE CS organized a Non-Technical quiz program called Logo Trivia. This quiz contest was an initiative to make the students develop more knowledge on various companies and the brands produced by them. Almost 200 students from various colleges across India have registered and participated in the event and it was conducted on 11th June, 2020 from 6 P.M. - 7 P.M. There were totally 40 questions of both MCQ and Short answer type and each question had a 20 sec time-interval to solve it. The winners were:1st Place: Vijay S,2nd Place: Steve Manuel J,3rd Place: Ajay Arvind B.



Section, Society & Affinity Group activities

IEEE Madras Section Events Report

Webinar on E -Mobility Trend's & Opportunities

IEEE Madras Section and IEEE PELS chapter jointly organized Webinar on E -Mobility Trend's & Opportunities on 12th June 2020 from 10.30 am to 11.30 am. The speaker of the event was P. Prasanth Kumar, Automotive Homologation Consultant, Haritha Techlogix Pvt Ltd, Bengaluru-36. Dr. M. Venkatesh Kumar, Chair Professional Activities committee hosted the event and delivered the welcome address. Dr.R. Seyezhai, Chairman IEEE PELS Madras chapter introduced the guest to the gathering. Mr. P. Prasanth Kumar, Speaker elaborated the following areas such as Indian automobile industries & opportunities, power electronics technologies for EV's, Battery technologies for EV's Auto clusters of India, inverter modules and manufacturing program guidelines. At the end of the session speaker clarified the queries of the participants. 64 participants attended the event and got benefitted out of it. Dr. N Kumarappan, Chairman IEEE Madras Section delivered the vote of thanks.



The banner features the IEEE Madras Section logo on the left and the IEEE Power Electronics Society (PELS) logo on the right. The central text reads: "IEEE Madras Section & IEEE-PELS Jointly Organizes WEBINAR on E-MOBILITY - TRENDS & OPPORTUNITIES". Below this, the date and time are given as "June 12, 2020, Time : 10.30 am – 11.30 a.m.". A central portrait of P. Prasanth Kumar is shown with his name and title: "P.PRASANTHKUMAR, Automotive Homologation Consultant, Haritha Techlogix Pvt Ltd, Bengaluru-36". To the left of the portrait, a scroll contains the registration link: "Click the link to register https://forms.gle/o3YTNaB9wqrpLy6YA Limited to first 100 entries..!". To the right, another scroll states: "No Registration fees" and "E-certificate will be provided for the participants". At the bottom, three chairs are listed: Dr.M.Venkateshkumar (Chair, Professional Activities IEEE Madras Section), Dr.R.Seyezhai (Chair, IEEE-PELS Madras Chapter), and Dr. N.Kumarappan (Chair, IEEE Madras Section).

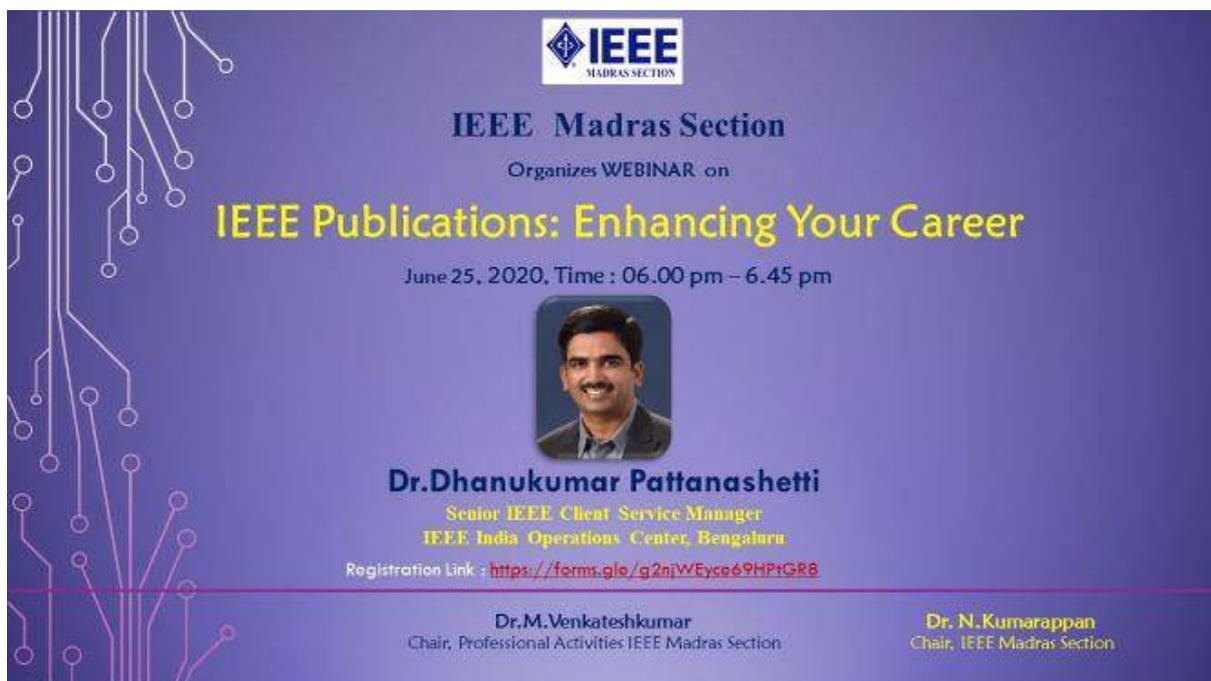
Webinar on Post Covid19 – future of industries

IEEE Madras Section organized Webinar on Post Covid19 – future of industries on 14th June 2020 from 9.30 am to 10.30 pm. The speaker of the event was Ezhilmaran Arumugam, Director & CEO, Axis Global Automation & AGIIT India & UAE. Dr. Venkatesh Kumar, Chair Professional Activities committee hosted the event and delivered the welcome address. Dr. N Kumarappan, Chairman IEEE Madras Section introduced the guest to the gathering. Mr. Ezhilmaran Arumugam, Speaker elaborated the consumer insight from consumer, factory of the future, robotics – automation and augmented reality scenario etc., At the end of the session speaker clarified the queries of the participants. 52 participants attended the event and got benefitted out of it. Dr. N Kumarappan, Chairman IEEE Madras Section delivered the vote of thanks.



Webinar on IEEE Publications – Enhancing one’s Career – 25th June 2020

IEEE Professionals Activities wing of IEEE Madras Section collaborated with IEEE Client Services Team at the IEEE India Operations Center to organise a session on how IEEE publications can enhance a student and faculty's career. The webinar was attended by around 75 members from the Section. Dr. Dhanukumar Pattanashetti, Senior IEEE Client Services Manager gave insights into various features and functionalities in the IEEE Xplore Digital Library which could enhance the experience while one is doing the research within the Digital Library. Dr. Dhanukumar also showcased how IEEE Xplore can help a student discover gaps in research which will guide them to finding a new project idea to work on. The session also highlighted how the Digital Library can be leveraged when one would like to publish papers, tips while aspiring for higher studies, seeking best papers in a breakthrough technology enabling one to become a successful entrepreneur and aspires to be recognized globally. Dr. M Venkatesh Kumar, coordinated the session and gave opening remarks. Dr. N Kumarappan, Chair of the IEEE Madras Section provided the concluded remarks and shared his experience on how IEEE continues to deliver the best in class publications.



The banner features a dark blue background with a white circuit-like pattern on the left side. At the top center is the IEEE Madras Section logo. Below it, the text reads: "IEEE Madras Section Organizes WEBINAR on IEEE Publications: Enhancing Your Career". The date and time are listed as "June 25, 2020, Time : 06.00 pm – 6.45 pm". A portrait of Dr. Dhanukumar Pattanashetti is shown, followed by his name and title: "Dr. Dhanukumar Pattanashetti, Senior IEEE Client Service Manager, IEEE India Operations Center, Bengaluru". A registration link is provided: "Registration Link : <https://forms.gle/g2njWEyca69HPtGR8>". At the bottom, two names are listed: "Dr. M. Venkateshkumar, Chair, Professional Activities IEEE Madras Section" and "Dr. N. Kumarappan, Chair, IEEE Madras Section".

Webinar on Software Development Trends – History and Future Ahead

IEEE Madras Section organized Webinar on Software Development – History and Future Ahead on 27th June 2020. Dr. N Kumarappan, Chair IEEE Madras Section introduced the guest to the audience. Mr Manikandan Kannappan, Lead Program-Project Manager Bank of New York Mellon Technologies elaborated on the topics of Software Engineering

- Key problems to solve across Industries by IT software verticals
- Understanding Market Needs
- How is Software growth challenged
- IT Global Industry Market Share : Defying Trend for past 2 decades
- Future ahead: 2050 Robot Humanoid for each one of us.

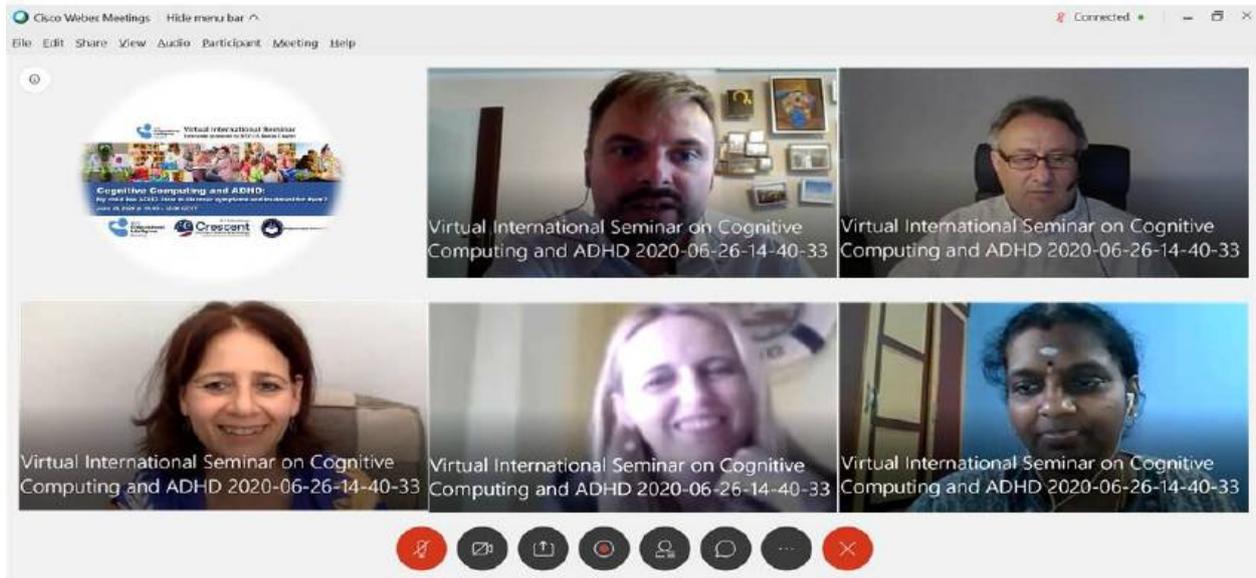
It was an interesting and interactive session with the participation across varied professionals and students. The webinar was attended by around 51 members from the Section. Mr.M Venkatesh Kumar Chair Professional Activities coordinated the event.



The poster features a blue and white background with a circuit-like pattern. At the top, it reads "IEEE Madras Section Organizes WEBINAR on Software Development Trends June 27, 2020, Time: 06.00 pm – 7.00 pm". Below this is a portrait of Manikandan Kannappan, identified as Lead Manager - Program/Project Management at BNY MELLON Technologies, Chennai. The poster also includes the IEEE Madras Section logo, the IEEE logo with the tagline "Advancing Technology for Humanity", a registration link, and the names of the organizers: Dr. M. VenkateshKumar (Chair, Professional Activities IEEE Madras Section) and Dr. N. Kumarappan (Chair, IEEE Madras Section). The website www.ieeemadras.org is listed at the bottom.

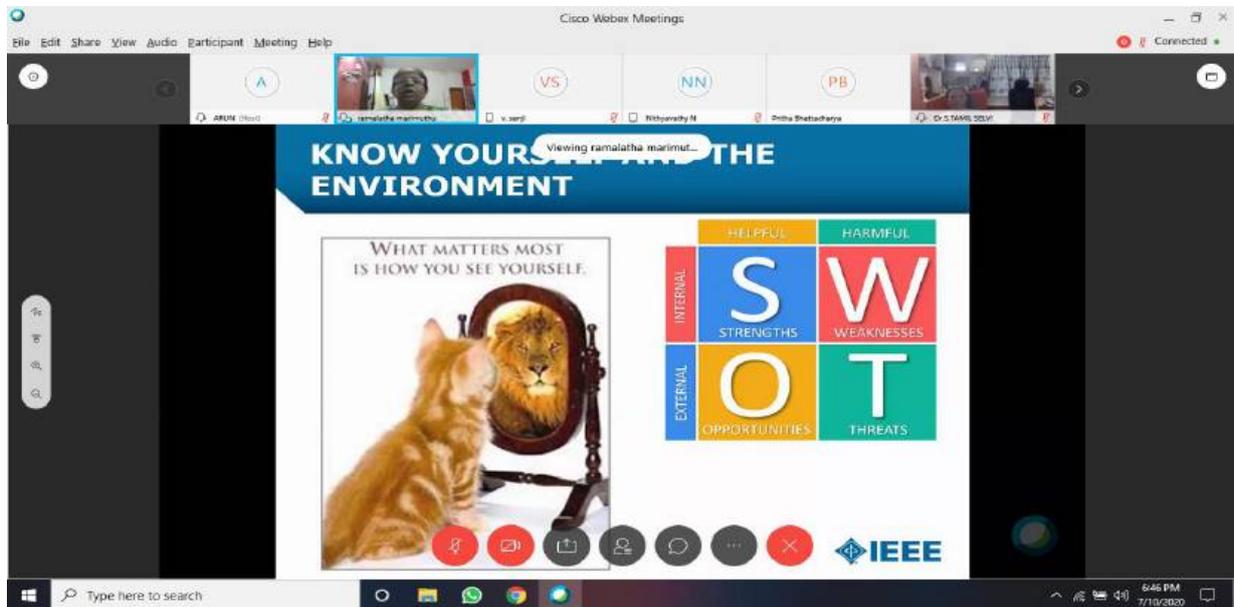
IEEE Computational Intelligence Society (CIS) Madras Chapter

“Report on Virtual International Seminar on Cognitive Computing and ADHD”



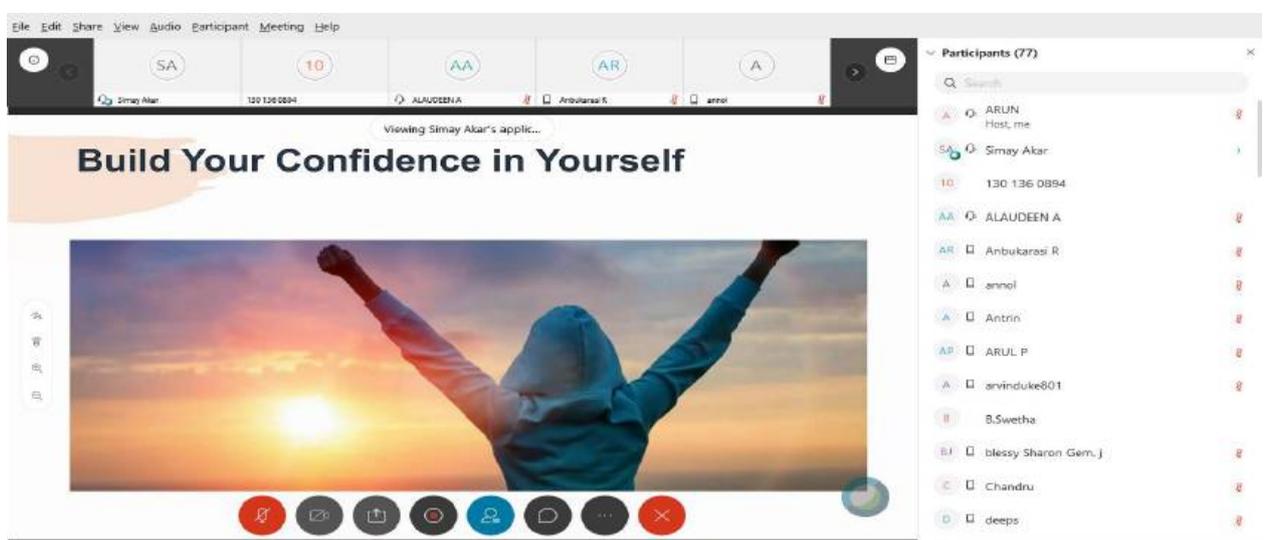
The IEEE Computational Intelligence Society (CIS) Madras Chapter in association with Department of Computer Application, BSAR Crescent Institute of Science and Technology in Chennai, India and the Institute of Psychology, Humanitas University in Sosnowiec, Poland have organized a Virtual International Seminar on “Cognitive Computing and ADHD: My child has ADHD. How to discover symptoms and treatment for them?” on June 26, 2020. The seminar aims to provide information about Attention Deficit/Hyperactivity Disorder for parents, academics, researchers, and common people who would like to know about ADHD as a neurobehavioral disorder. The event hosts four international experts on ADHD such as Paweł Dobrakowski, M.D., Specialist in Neurology from Humanitas University in Sosnowiec, Poland; Matthias Rauterberg, Professor in Designing Interactive Systems from Eindhoven University of Technology, Netherland and Editor-in-Chief for Entertainment Computing, Elsevier; Judit Balazs, Professor in Child Adolescent and Adult Psychiatrist from Eötvös Loránd University, Hungary and President of the Hungarian Psychiatric Association; and Silvana Markovska-Simoska, M.D., D.Sci., Professor in Neurophysiology from Academy of Sciences and Arts of North, Macedonia and Co-founder of the Macedonian Society of Psychophysiology; with moderator Aravindhén Jaya, Professor in Computer Application from BSAR Crescent Institute of Science and Technology. The seminar involves 163 participants from four continents and 15 countries in South-East Asia (12.88%), South Asia (64.42%), West Asia (0.61%), and Europe (21.47%) where amongst of those are 22 IEEE Members in Region 8 (Europe, Middle East and Africa) and Region 10 (Asia and Pacific). Overall, participants come from various institutions including Government and Public Services (3.68%), Health Care (20.86%), Education (57.67%), R&D (3.68%), Consulting (5.52%), Information Technology (4.29%), and others (4.29%).

Webinar Series on “Find the Answers: If you cannot, change the questions!!”



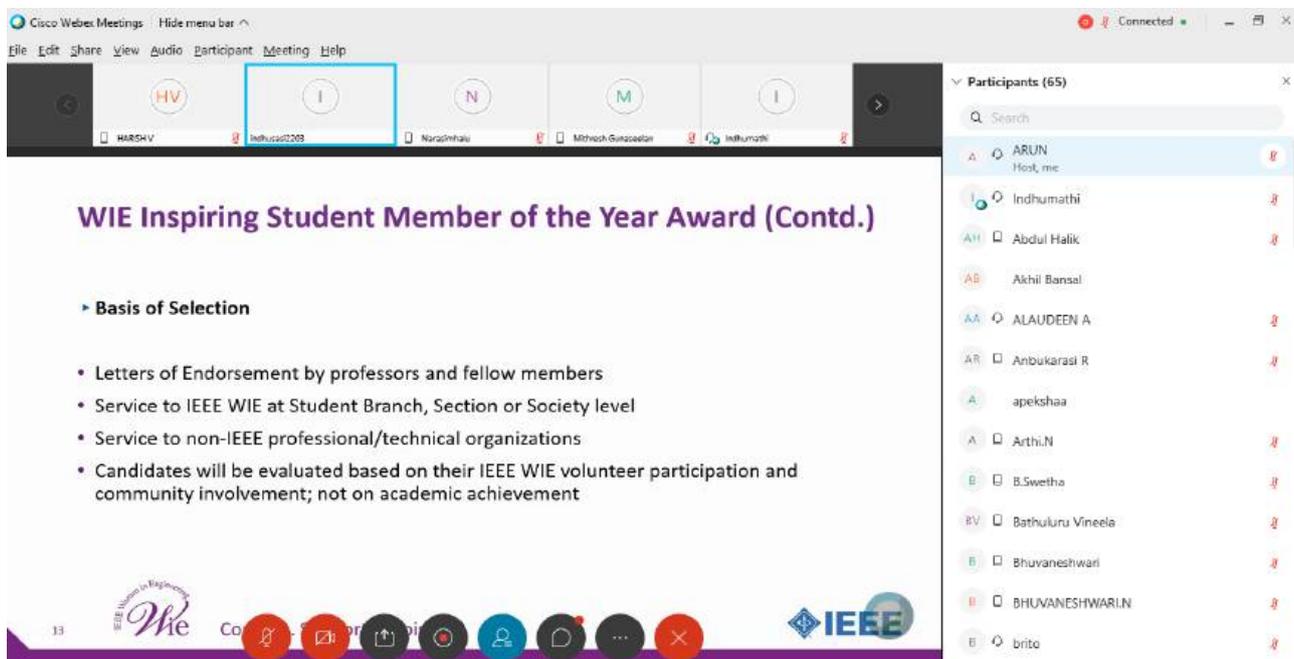
IEEE Madras Young Professionals Affinity Group in association with IEEE Madras Women in Engineering Affinity Group & IEEE Power and Energy Society - Madras Chapter organized "WIE Week Celebration" with a webinar series from 10th July 2020 to 12th July 2020. As a part of this, webinar on the topic "Find the Answers: If you cannot, change the questions!!" was given on 10th July 2020 from 06:30 PM to 07:30 PM by Dr Ramalatha Marimuthu, Board of Governors, IEEE SSIT 2017 – 2019, IEEE Computer Society 2019 – 2021& EAB Representative to IEEE Conferences Committee 2020. Mr Arun M, Vice Chair IEEE TEMS & YP Hosted the webinar. He introduced the speaker to the participants. Dr Ramalatha Marimuthu started her presentation by welcoming all the participants and thanking the organizers for organizing the programs. She defined the definition of success and the importance of goals. She explained SWOT analyses and various aspect needed to be successful in life. She shared about IEEE YESIST 2020 and her journey in it. She gave a lot of tips to be a successful person. Following the presentation, the question and answer sessions were done with the participants and the answers were provided respectively by the presenter. Around 100 participants Both Student and Professional members have participated in the webinar. Mr. Abdul Halik M I, Ex-Com Member IEEE MAS YP delivered the vote of thanks .

“Webinar on Going out of Your Comfort Zone”



IEEE Madras Young Professionals Affinity Group in association with IEEE Madras Women in Engineering Affinity Group & IEEE Power and Energy Society - Madras Chapter organized "WIE Week Celebration" with a webinar series from 10th July 2020 to 12th July 2020. As a part of this, webinar on 'Going out of Your Comfort Zone' was organized. Ms. Simay Akar, IEEE Women in Engineering Inspiring Member of the year award 2020, Chair, IEEE WIE Turkey Section, Vice-Chair, IEEE PES Global YP & Women in Power delivered the webinar on 11.07.2020 from 06.30 PM - 07.30 PM IST. Mr.M.Arun, Vice- Chair, IEEE Madras YP AG delivered the welcome address and introduced the Speaker. Speaker started her session by greeting all participants. Session was very inspirational and motivational. Speaker elaborated the different Zones of life - comfort zone, Fear zone, learning zone and growth zone. She explained how to move from comfort zone to growth zone. She insisted participants that they should understand that failure is not guaranteed, Build your confidence in yourself. She also insisted participants to Try new things that can make them more creative. Speaker also shared her experience in IEEE, WIE and how that helped her to receive WIE inspiring member of the year award 2020. Around 85 participants attended this webinar and got benefited. Mr.M.Arun, Vice- Chair, IEEE Madras YP AG delivered the vote of thanks.

Webinar on Opportunities for Student Members in IEEE WIE”



The screenshot shows a Cisco Webex Meeting window. The main content is a slide titled "WIE Inspiring Student Member of the Year Award (Contd.)". Under the heading "Basis of Selection", there is a bulleted list:

- Letters of Endorsement by professors and fellow members
- Service to IEEE WIE at Student Branch, Section or Society level
- Service to non-IEEE professional/technical organizations
- Candidates will be evaluated based on their IEEE WIE volunteer participation and community involvement; not on academic achievement

At the bottom of the slide, there are logos for "WIE" (Women in Engineering) and "IEEE". To the right of the slide, a "Participants (65)" list is visible, including names like ARUN (Host, me), Indhumathi, Abdul Halik, Akhil Bansal, ALAUDEEN A, Anbukarasi R, apekshaa, Arthi.N, B.Swetha, Bathuluru Vineela, Bhuvaneshwari, BHUVANESHWARI.N, and brita.

IEEE Madras Young Professionals Affinity Group in association with IEEE Madras Women in Engineering Affinity Group & IEEE Power and Energy Society - Madras Chapter organized "WIE Week Celebration" with a webinar series from 10th July 2020 to 12th July 2020. As a part of this, webinar on 'Opportunities for Student Members in IEEE WIE' was organized. Ms Indhumathi G, IEEE Women in Engineering Inspiring Member of the year award 2020, IEEE REM & UPE Scholar, Alumni, Panimalar Institute of Technology, Chennai delivered the webinar on 12.07.2020 from 05.00 PM - 06.00 PM IST. Mr.M.Arun, Vice- Chair, IEEE Madras YP AG delivered the welcome address and introduced the Speaker. Highlights of her talk includes WIE, WIE membership benefits, IEEE STAR Programme, IEEE WIE Awards, WIE Travel grants, Benefits forming an IEEE WIE affinity group, Volunteering opportunities available, Activities of AG and SBAG, etc., Speaker also insisted all student participants to join IEEE and Avail free membership of WIE. She also insisted participants to start WIE affinity group at their institutions. Speaker also shared her experience in IEEE, WIE and how that helped her to receive WIE inspiring student member award 2020. Around 75 participants participated and benefited. Mr.M.Arun, Vice- Chair, IEEE Madras YP AG delivered the vote of thanks.

Report by: Arun M, arunmeba@ieee.org

Announcement

Call for Nominations: 2020 MGA Individual Awards Program: Deadline 15 October

The Outstanding IEEE volunteers can be recognized by nominating individuals for one of the prestigious IEEE Member and Geographic Activities (MGA) Awards. Each award has a unique mission and criteria and offers the opportunity to honor distinguished colleagues, inspiring teachers, and corporate leaders.

Someone who has made substantial regional IEEE volunteer contributions through innovative projects, exemplary leadership, service, or by fulfilling the goals as related to transnational activities, consider nominating them for one of the following awards:

- MGA Larry K. Wilson Transnational Award
- MGA Innovation Award
- MGA Leadership Award
- MGA Achievement Award
- MGA Young Professionals Achievement Award

Please visit the MGA Award nomination web page - <https://mga.ieee.org/awards/mga-awards-and-recognition-program/nomination-process>

The deadline for nominations is 15 October 2020 (for completed nomination form and two letters of endorsement).
MGA Awards & Recognition Program
mga-awards@ieee.org

IEEE Madras Section Student Project Funding (SPF 2020-21)

IEEE Madras Section is happy to invite SPF proposals for IEEE Madras Section, Student Project Funding (SPF 2020-21). SPF was implemented during the year 2010 and being continued to benefit the student community to motivate the students for the proto type development. Under this scheme, Rs.5,37,500/- for 63 projects were funded by IEEE Madras Section from IEEE SBs across the state.

Who is Eligible?

IEEE student members are eligible to apply, who is undergoing UG program from the Engineering Colleges, with the guidance of IEEE Professional members working at Engineering Institutions of Tamilnadu and Pondicherry. Project duration period of maximum 5 months.

Detailed Abstract of the project in 3 to 5 pages in MS-Word format is to be sent to ieeemas@gmail.com followed by a hard copy to the office address of IEEE Madras Section.

The detailed abstract should contain the following:

1. Project title in English explaining Objectives,
2. Social relevance,
3. Methodology / tools used,
4. Project estimation,
5. Acknowledgements from the Institution.

Covering letter with the following information is to be attached along with the detailed abstract:

Name of the student(s) and guide with their contact and membership details Institution affiliation details of supervisor and students.

Personal declaration form supervisor and students with the Bonafide Certificate as per Annexure-I, should be sent along with the abstract.

IEEE Madras Section Norms for conducting International Conference with IEEE MAS as Technical co-sponsor

All institutions / IEEE Organizational Units attached to IEEE MAS, desirous of organizing the International Conferences, are requested to the following guidelines in order to obtain technical co-sponsor from IEEE Madras Section (IEEE MAS). Technical Co-Sponsorship (TCS) fee as applicable as per the IEEE TCS norms is payable to IEEE Madras Section for approval. This technical co-sponsorship fee will be retained as deposit and will be returned once the organizers pay the entire Invoice fee to the HQ.

As on September 2020, the TCS fee is \$1450, equivalently fixed as Rs. 1,15,000/-.

Student Branch Requirements for Conference approval from IEEE MAS

- a) SB should have a well maintained and updated website and all events organized by SB should have been reported to IEEE / IEEE MAS LINK Newsletter.
- b) SB activity report for the previous year should be enclosed as proof. A minimum 12 (6 in case of SB Society Chapter for technical co-sponsorship from Society Chapter) activities in the preceding 1 year.
- c) A minimum 30 active student members on the date of submission of the application.

Professional Membership

- a) The Conference Chair/ proposer should be a member of IEEE & Society if applicable at least for 2 years.
- b) At the time of submission of application, there should be a minimum of 6 professional members and 2 Society members if applicable, from the host Institution.

<p>Minimum student members / Graduate student members: 30 Minimum professional members: 6 satisfying the above, Total active IEEE members: 40</p>
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Proposal

- a) The conference application as per prescribed format should be submitted to IEEE MAS
- b) In case there is a technical sponsorship from any of the Society Chapters, the application should be routed through the Society Chapter Chair. The Section Society Chapter Chair shall ensure that the prescribed norms for the SB Society Chapters in terms of membership and activities are fulfilled.
- c) Co-sponsored Society Chairs are to be included in the Technical committee
- d) IEEE MAS will give only technical sponsorship and no financial commitment.
- e) The application for the technical sponsorship should be made sufficiently earlier, about 12 months in advance of the conference as per the IEEE requirement (refer IEEE conference application page).
- f) The Chairman of IEEE Madras Section and a few EXECOM members are to be included in any one of the committees – Advisory / Technical depending on their interest.
- g) One of the IEEE Madras Section's Office Bearers shall be invited to attend Conference (with TA / DA arrangements) either for Inauguration or Valediction as one of the guest.
- h) Conference promotional website, brochure etc. should have the logo of IEEE Madras Section clearly shown.
- i) Note that use of any other logo including logos of any IEEE affiliates is not permitted without a proper permission from the concerned Chair. In case of technical co-sponsorship from any of Society Chapters, logos should carry information such as [Chapter name / logo and Madras Chapter]
- j) If all the selected papers are rejected by HQ, the conference organizers should return 30% of the registration fee to the authors"

Reviewers

- a) Review should be done on full paper submitted for publication
- b) The number of reviewers should be proportional to the number of papers proposed to be published. A reviewer is permitted to review a maximum of 4 papers only.
- c) To ensure proper quality of the publication, there will be stringent requirement on the reviewer Name, Designation, Establishment, Highest degree, mail id and years of service after highest degree which should be given in a table and separate file
- d) One fourth of reviewers must be resident abroad
- e) Another one fourth must be IEEE members with a minimum of 3 years membership. Apart from the above details membership number also to be given in another column.
- f) The rest of the reviewers may be from any reputed institutions / organizations, qualified in the areas of interest to the conference.
- g) There will be random scrutiny of the credentials of the reviewers, which may take 6 months or so.
- h) Every paper must be reviewed at least by two reviewers and at least one of them must be from the panel listed in item c and d.
- i) The organizers are encouraged to get at least 10% of the publications from authors resident abroad.

Publication / Proceedings

The Conference Chair and Head of the Institution should give an undertaking that for they hold responsibility for:

- i. the originality of the papers received and ensure that the paper has not been published elsewhere
- ii. peer review of the submissions and dealing with any issues that might arise related to plagiarism
- iii. communicating the authors that acceptance of paper into conference does not guarantee publication in IEEEExplore / IEEE Journal
- iv. prompt payment of TCS fee applicable as per norms
- v. timely submission of necessary documents after the conference, as per procedure, and payment of invoice amount
- vi. solving any issues on financial implications and settlement related to the conference

It should be noted that If any published work is identified as plagiarized later the SB & Organizers are liable to be blacklisted for a minimum period of 5 years / as per IEEE norms. Conferences organizers are sole responsible for paying the TCS Fees and invoice amount.

Note to Conference Chair / Organizing Secretary

- a) A brief presentation to be made to IEEE Madras Section either in person / by sending PPT.
- b) Monthly status updates have to be sent to IEEE Madras Section OB
- c) A detailed report along with few photos are to be submitted to IEEE MAS LINK; depending on the importance of and response for the conference, the report may be forwarded to IEEE India Council newsletter by the Section.
- d) Also, the closing requirement like Technical Program Questionnaire to be completed as required by the IEEE HQ.
- e) If these formalities are not completed the next application for sponsorship by the people concerned may not be considered.
- j) With the experiences obtained in organizing these events, the SB is encouraged to bid for Section / India council / Region 10 / IEEE International events rather than local one of its kind international conferences. Be assured of Madras Section support.
- k) The organizers should communicate clearly to the authors that the acceptance of any publication by the conference does not guarantee publication by IEEE Xplore Digital Library or any other IEEE Journals; since they have their own quality control process. There should not be any promise. The authors cannot make any claim on this item.
- l) The proceedings of the conference should be submitted promptly in the prescribed format adhering to the timeline for possible inclusion in IEEEExplore digital library. Necessary copyright forms and applicable charges should be paid by the conference organizers.

Forthcoming Events

Upcoming Conferences:

1. 2020 IEEE 17th India Council International Conference (INDICON)
<http://cwww.indion2020.in/>
2. 2020 12th International Conference on Computational Intelligence and Communication Networks (CICN)
<http://www.cicn.in/>
3. 2020 5th IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE)
http://www.icraie.poornima.org/Call_for_Papers.html
4. 2020 IEEE India Geoscience and Remote Sensing Symposium (InGARSS)
<https://www.ingarss2020.org/>
5. 2021 IEEE Second International Conference on Control, Measurement and Instrumentation (CMI)
https://ewh.ieee.org/r10/calcutta/css_ims/CMI2021/index.html
6. 2021 IEEE 4th International Conference on Computing, Power and Communication Technologies (GUCON)
<https://gucon.org/GUCON2020/>
7. 2020 9th International Conference System Modeling and Advancement in Research Trends (SMART)
<http://www.smart2020.tmu.ac.in/>
8. 2020 International Conference on Communication, Computing and Industry 4.0 (C2I4)
<http://www.c2i4.com/>
9. 2020 IEEE International Symposium on Sustainable Energy, Signal Processing and Cyber Security (ISSC)
<http://ieee-issc.in/>
10. ICASSP 2025 - 2025 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)
<http://2025.ieeeicassp.org/>
11. 2020 IEEE Indian Conference on Antennas and Propagation (InCAP)
<http://kolkata.incapindia.in/>
12. 2020 4th International Conference on Electronics, Communication and Aerospace Technology (ICECA)
<http://icoeca.org/2020/index.html>
13. 2020 International Conference on Frontiers in Information and Computer Security (FICS)
<http://www.jiit.ac.in/jiit/FICS/sample.html>
14. 2020 International Conference on Data Science and Engineering (ICDSE)
<https://icdse.in/>
15. 2020 Advanced Communication Technologies and Signal Processing (ACTS)
<http://acts2020.nits.ac.in/>
16. 2020 IEEE MTT-S International Microwave and RF Conference (IMARC)
<http://imarc2020-ieee.org/>
17. 2020 IEEE International Symposium on Smart Electronic Systems (iSES) (Formerly iNiS)
<https://ieee-ises.org/>
18. 2020 21st National Power Systems Conference (NPSC)
<http://events.iitgn.ac.in/2020/npsc2020/>

Awards Received by SB & SB members

R10 Student Activities Committee Outstanding Student Branch Award:

Panimalar Institute of Technology Student Branch, Madras Section in recognition and appreciation of valuable services and contributions.

IEEE Computer Society September 2020 Richard E. Merwin Scholarship Winners



Ms. ANISHKA SANKAR
PANIMALAR INSTITUTE OF TECHNOLOGY, CHENNAI



Mr. VIGNESH M A
JEPPIAAR ENGINEERING COLLEGE, CHENNAI



Mr. KOUSHIK SAHA
VELLORE INSTITUTE OF TECHNOLOGY- CHENNAI

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- Ms. M Benisha, JIT Chennai
- Mr. M.Arun, PIT Chennai