

IEEE MAS LINK

Vol. 15 No. 8 August 2018

 **Chairman's Message**

 **Student branch activities**



Message from Chairman



I on behalf IEEE Madras section greets all the members, share my views for the incidents and proposed forth coming activities. During IEEE meetings and programs benefits of student members were addressed, lot of sponsorships and awards were not noticed and applied in time, very few representations or endorsements were received and sent for the approval. SBCs needs to get information from the website publicize among the eligible student members and send their nominations online. I request student members to collect the information and support the SBs for the sponsor and award process regularly by networking with the fellow members, which also makes the healthy competition.

Though there is a welcoming sign for the events getting organised through IEEE communities right from section to college level, there is a membership is decreasing drastically. Inactive Student branches were communicated to the respective colleges to get it revamped, accordingly very few got activated and the rest of them will be closed soon. Approval of student branches were kept pending to observe its membership strength and activities for six months to get it approved.

On the other hand most of the Engineering colleges are proposed to organize International conferences, which requires to have their active student branches. Education institution should come forward to strengthen the student membership, with approved and active student branches consistently. Active volunteers of young processional and also from student level required to strengthen, impose the new ideas and active involvement in tenure basis. Members need to come forward by showing their ability to take up the volunteer position, not only by nomination of others.

IEEE Madras Section has organized a Panel of Conference Organizers (mini POCO)-2018 on 15/08/2018, which was inaugurated by Dr. Ramakrishna Kappagantu, Past Director IEEE Region -10(Asia-Pacific) at Madurai. This event was conducted to organize IEEE quality Conference by understanding the IEEE Conference Policies.

IEEE Madras Section is organizing Teachers In-Service Program (TISP) during Oct 2018. Transfer of knowledge takes place from the teacher to the students only when the teaching is effective. The Young Teachers need orientation and training in effective teaching. As a service to the teaching community, this program will be an excellent opportunity to increase the level of understanding among the pre-university educators. Further, it will enhance the level of technological literacy of pre-university students. This will be a huge educational event spreading across the entire 4 continents, Europe, Asia, Africa and Australia. The good month ahead, expecting your co-operation and support to serve you the best as you expected.

Dr. P A Manoharan
Chairman, IEEE Madras Section

Student Branch Activities

Akshaya College of Engineering and Technology, Coimbatore **Competition of “NammaOruVignani”**

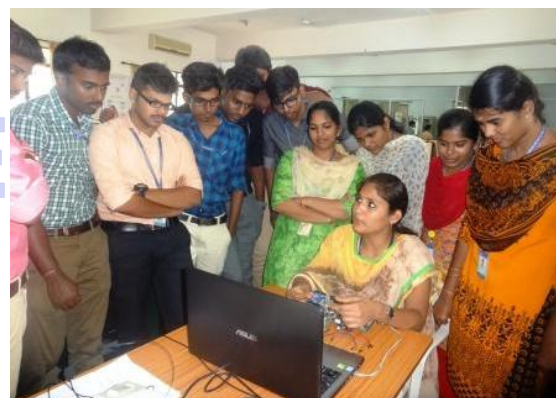
The Department of CSE and IEEE student branch of Akshaya College of Engineering and Technology organized one day “Competition on Namma Oru Vignani” on 16.08.2018 for the 6th standard to 12th standard of school students in different categories. A total of 50 students were actively participated in this competition and shown the demo of their projects in a successful manner and that was reviewed by the faculty members of Akshaya College of Engineering and Technology.

Report by: Mr. Joe Vivek, joevivek.v@gmail.com



Dr. N. G. P. Institute of Technology, Coimbatore **Hands on Training in MatLab Simulink for Industrial Applications**

The IEEE Students’ Branch and EEE department of Dr.N. G. P. Institute of Technology organized one day hands on training in MATLAB simulink for industrial applications on 01.08.2018 for Electrical and Electronics Engineering students. Ms. P. Manimegalai & Mr. K. Kaliraj, Technical Engineers, LIVEWIRE, Coimbatore has addressed the students and discusses about the MatLab Simulink for industrial applications.



A Review on Placement Preparation

The IEEE Students’ Branch and EEE department of Dr.N. G. P. Institute of Technology organized seminar on “A Review on Placement Preparation” on 04.08.2018 for Electrical and Electronics Engineering students. Dr.K. Ranjith Kumar, Placement Officer Government College of Technology, Coimbatore discussed about placement preparation for final year EEE students.



Opportunities in public sector through GATE exam

The IEEE Students' Branch and EEE department of Dr.N. G. P. Institute of Technology organized Seminar on Career Opportunities in the Core Sectors for EEE students on 09.08.2018. Dr. K. Porkumaran, Professor & Principal and Dr .J. Srikanth, Director & Professor / MBA Dr. N. G. P Institute of Technology, Coimbatore highlighted about the importance of core sectors and opportunities available in core sectors.



Industrial visit – Salzer Electronics Ltd, Coimbatore

Visit was organized for IV year EEE students (55) as per AICTE guidelines and recommendations, this industrial visit will help them in understanding the subject Protection and switchgear. Visit was coordinated with the prior permission of respected Madam Secretary Dr. Thavamani D Palaniswami and Principal Dr. K. Porkumaran. Total 55 students of Electrical Electronics Engineering visited the Salzer Electronics Ltd.



Energy conservation awareness program- pamphlet distribution to kalapatti public

The IEEE Students' Branch and Department of EEE of Dr.N. G. P. Institute of Technology organized Energy Conservation Awareness programme on 20.08.2018 at Kalapatti, Coimbatore.



Report by: Dr. K. Porkumaran, porkumaran@gmail.com

Dr. Sivanthi Aditanar College of Engineering, Tiruchendur

National Workshop on Research Avenues of Electronics & Communication Engineers

On behalf of IEEE Student Branch, Two Days National Workshop on Research Avenues of Electronics & Communication Engineers was conducted on 24th & 25th August 2018 being sponsored by IEEE Madras Section. Dr. C.S. Karthikeyan, Associate Professor, Sethu Institute of Technology, Madurai was invited as the chief guest. A total of seventy participants including IEEE members, PG Scholars and faculty members from various institutions had attended the workshop.



Techno Fun Contest

On behalf of IEEE Student Branch, 'Techno Fun Contest' was conducted on 06th August 2018 for students of third year ECE department. Totally ten batches of students had participated in this event.

Report by: Dr.R.Manjith, manjithkmr@gmail.com

Hindustan Institute of Technology and Science, Chennai Guest Lecture on Arc Flash and Human Safety

A guest lecture on the topic “Arc Flash and Human Safety” was organized by the department of EEE in association with IEEE PES & IEEE IAS Student Chapter, at Padur Hall I, Hindustan Institute of Technology and Science on 10th September, 2018 with the guest lecturer being the eminent Mr Berwin Ajo, Senior Engineer, Power Projects, Chennai. Around 100 students and 10 faculty have participated in the program.

Reported by: Ms.M.Maheswari



Jeppiaar Institute of Technology, Chennai Workshop on Servlets

The IEEE (CS-Computer Society) Student Branch of Jeppiaar Institute of Technology has organized “Introduction to servlet” WORKSHOP on 14.08.2018. The session was handled by Assistant professor Mr. Satishkumar. B of Department of Information Technology of Jeppiaar Institute of Technology. Totally 37 students had participated in this event



Poster Making Event

The Computer Society of IEEE Student Branch of Jeppiaar Institute of Technology has organized the event “Poster Designing” on 24.08.2018. The event has been organized and coordinated by Mr.D.Karthikeyan. The event is featured with the activity to design the attractive posters on the theme "Machine Learning". There were about 40 participants participated in the event in teams

Online Event – Aptitude Contest

As the Final year and Pre-Final Year students are there with their placement, we have planned to launch a series of Online events on Aptitude, Verbal and Reasoning in order to make them prepare themselves for their placement. The online aptitude contest was held from 21-08-2018 to 28-08-2018. We have prepared a standard question of Wipro, Infosys and TCS. We also make the answer and step by step procedure to solve those problems at the last. Finally, we have got 55 responses.

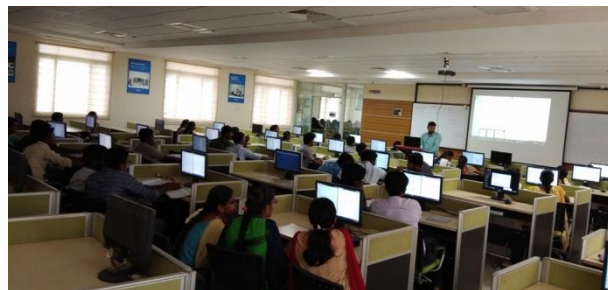
Online Event – Aptitude & Logical reasoning Contest

As the Final year and Pre-Final Year students are there with their placement, we have planned to launch a series of Online events on Aptitude, Verbal and Reasoning in order to make them prepare themselves for their placement. The online aptitude contest was held from 5-09-2018 to 9-09-2018. We have prepared a standard question of Wipro, Infosys and TCS. We also make the answer and step by step procedure to solve those problems at the last. Finally, we have got 50 responses.

K.S.Rangasamy College of Technology, Tiruchengode

Workshop on "LABVIEW"

The IEEE student branch of K.S.Rangasamy College of Technology, Tiruchengode organized a Workshop on "LABVIEW" on 10.08.2018 by Mr.P.Manoj Kumar, AP/EEE, KSRCT.



Workshop on "Advanced Data Acquisition and Control using LabVIEW"

The IEEE student branch of K.S.Rangasamy College of Technology, Tiruchengode organized a Workshop on "Advanced Data Acquisition and Control using LabVIEW" for final year and pre final year student to improve their core knowledge in graphical programming development environment from 16th August, 2018 to 19th August, 2018. Mr.A.Manimaran, Senior Software Engineer, VI Solutions, Bangalore.



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



K.Ramakrishnan College of Engineering, Tiruchirappalli

IEEE Sponsored National Level Technical Symposium 'KRYPTO-18'

IEEE Student Branch and the Department of EEE of K. Ramakrishnan College of Engineering, Samayapuram, Trichy organized IEEE sponsored National level technical symposium "KRYPTO-18" on 02-August, 2018. The technical symposium was sponsored by IEEE Madras section and was inaugurated by Mr.V. Ramachandran, General Manager - Technical, M/S Kothari Sugars & Chemicals Limited, Trichy.



Around 250 students from various Engineering colleges actively participated in various events and won prizes.

Essay Writing Competition

IEEE student branch and Students' Exnora club of K.Ramakrishnan College of Engineering organized a essay writing competition for students of EEE, ECE, CSE and mechanical. Principal, Dr.D.Srinivasan encouraged the students by giving the winners with certificate and cash award. The event was coordinated by Mrs. Balasundary and Mr. Raja, Assistant Professors of chemistry department.



Technical Presentation

IEEE SB and EEE department has organized "Technical Presentation" exclusively for 2nd year EEE students on 16th Aug 2018. Total 65 students in batches presented. The event was organized by Mr. A. Prabhu, AP/EEE and the office bearers of IEEE.



Guest Lecture on "Power System Protection and Switchgear"

IEEE Student Branch and EEE department has organized guest lecture on 30th August 2018. The guest lecture was on the title "Power system Protection and Switchgear" by Dr. P. Raja, Associate Professor, National Institute of Technology, Trichy. Around 130 students of EEE department benefitted through the lecture.



Entrepreneurship Awareness Camp

IEEE Student Branch and ECE department has organized "Entrepreneurship Awareness Camp" from 20th – 22nd August, 2018. Dr. N. Manimegalai, Director & Professor, Department of Women studies, Bharathidasan University, Trichy inaugurated the programme and delivered a speech on "Opportunities for the entrepreneurs".



Report by: Dr. K. Dhayalini, dhaya2k@gmail.com

Kongunadu College of Engineering and Technology, Thottiam

Inauguration of IEEE Robotics and Automation Society

The chief guest Mr.N.Muthaiah, Divisional Manager, Electrical Vehicle Division, Ashok Leyland – Chennai has shared Opportunities and Challenges in Industrial Robotics & Automation to students.



KPR Institute of Engineering and Technology, Coimbatore

Recent Trends in Power System Protection

IEEE Students' Branch and the Department of EEE of KPR Institute of Engineering and Technology conducted a national level workshop on "Recent Trends in Power System Protection" on 4th August 2018 at Veena Hall of KPRIEnT. The FN session was chaired by Er.R.Sathya Murthy, Manager – Technical, Sunrise Automation and Solution, Coimbatore. The AN session was chaired by Er.K.V.Sivasamy, Managing Director, Fulfill Electric Corporation, Coimbatore.



Research Challenges and Opportunities in Power Converters for Electric Vehicle Application

IEEE Students' Branch and the Department of EEE of KPR Institute of Engineering and Technology conducted a national level seminar on "Research Challenges and Opportunities in Power Converters for Electric Vehicle Application" on 18th August 2018 at Veena Hall of KPRIEnT. The first session was chaired by Er. S. Selva Kumar, Project Lead Engineer, ABB Global Industries Ltd, Chennai. The second session was chaired by Mr. P. Ravi Kumar, Assistant Professor, EEE/KPRIEnT. He explained about the various issues related to energy management system adopted in electric vehicle.



Renewable Energy-India's Shift to a Sustainable Energy Future

IEEE Students' Branch and the Department of EEE of KPR Institute of Engineering and Technology conducted a Guest lecture on "Renewable Energy-India's Shift to a Sustainable Energy Future" on 20th August 2018 at Ragam Hall of KPRIEnT. The chief guests Dr. R. Mahendran, Associate Professor, Department of Bio-Energy, Tamil Nadu Agricultural University, Coimbatore presented the importance of energy conservation and the need of renewable energy sources for the future.



MATLAB Simulation on PV Modeling and its Interconnection Ties

IEEE Students' Branch and the Department of EEE of KPR Institute of Engineering and Technology conducted a Guest lecture on "MATLAB Simulation on PV Modeling and its Interconnection Ties" on 31st August 2018 at Veena Hall of KPRIEnT. Dr.A.M.Natarajan, Chief Executive/KPRIEnT gave the presidential address.



Dr. V. Indira Gandhi, Associate Professor, Department of Energy, VIT Vellore and Dr. J. Prasanth Ram, Assistant Professor, Department of EEE, KPRIET, Coimbatore presented the necessity of renewable energy, solar energy global scenario, PV modelling and interconnection schemes. In the afternoon session they gave the hands on training on PV modelling in MATLAB.

Report by: Dr.V.Kumar Chinnaiyan, Email: kumarchinn@hotmail.com

M.Kumarasamy College of Engineering, IEEE Inauguration

This inaugural ceremony was organized by the office bearers and the event co-coordinators of both THESTUDENT BRANCH BRANCH AND THE WOMEN IN ENGINEERING BRANCH. Nearly five final year students along with eleven pre-final year students and about 15 volunteers organized this event.



Chief guest Dr.S.Kumaravel, Prof./EEE, NIT, CALICUT along with the principal Dr.N.Ramesh Babu, Dr.K.Sundararaju (Dean/ Head of the department and IEEE student branch counselor), student coordinator Mr.G.N.Sachin Amreiss, AP/EEE made their presence and made the ceremony a grand one.

Recent Technologies In Electric Power Generation

The lecture was delivered by Dr.S.Kumaravel, Prof/EEE, NIT Calicut. The session was based on "Recent Technologies In Electric Power Generation".

Reported by: Mr S.Vignesh,

Email: vigneshsengotuvel@gmail.com



Mahendra Engineering College

Inauguration of IEEE Student Branch Activities

IEEE SB general meeting and volunteer gathering of Mahendra Engineering College IEEE student branch held a general meeting for its members on 27th of August 2018. The chief guest Dr.P.A.Manoharan Chairman, IEEE Madras Section India has addressed the students with the benefits of being an IEEE member and encouraging the student members to contribute more towards SB activities.



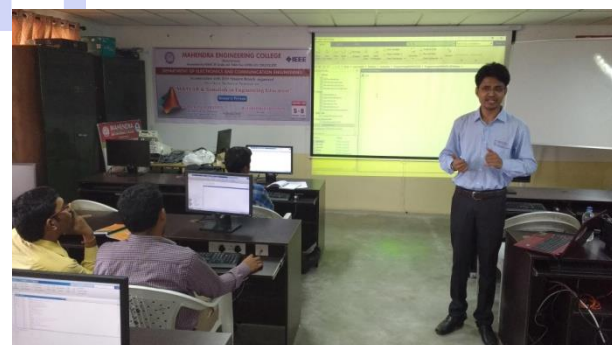
Two days workshop on “Implementation of Image & Signal Processing

IEEE Students’ Branch and the Department of ECE of Mahendra Engineering College organized two days’ workshop on “Implementation of Image & Signal Processing Techniques using MATLAB” on August 30th & 31st, 2018. The chief guests Dr.M.Prabukumar & Dr.L.Agilandeewari from Vellore Institute of Technology, Vellore elaborated the importance of MATLAB software in image & signal processing fields and the latest technologies being used to achieve biomedical automation.



Two days Seminar on “MATLAB & Simulink in Engineering Education”

IEEE Students’ Branch and the Department of ECE of Mahendra Engineering College organized two days Seminar with hands on Training on “MATLAB & Simulink in Engineering Education” on September 05th & 06th, 2018. The resource person of this seminar is Mr.Kazi Yaser Arafat has delivered the importance of Matlab & Simulink in Engineering Education. In this event around 34 faculty members from various engineering colleges participated and enriched their knowledge in image/signal processing, simulink & GUI toolbox.



National level Workshop on “Recent Trends in Nano Photonics”

The IEEE Photonics Society, Bangalore & IEEE Students’ Branch in association with Department of ECE of Mahendra Engineering College organized one day national level workshop on “Recent Trends in Nano Photonics” on September 07th, 2018.



Report by: Dr.R.Vijayakumar, rvijay.nethra@gmail.com

MEPCO Schlenk Engineering College, Sivakasi

Freshers' Festival

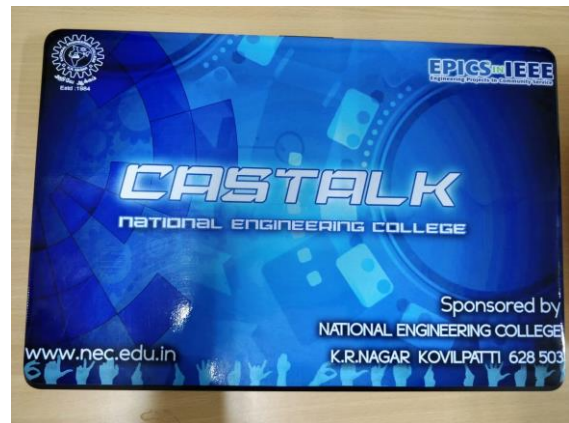
The freshers event for the academic year 2018-2019, "Freshers' Festival" was organized by IEEE student branch on 20th and 21st August, 2018. This event is exclusively for first year students of various departments.

Report by: S.Gokul

National Engineering College, Kovilpatti

Report on Laptop Donation Function

IEEE Computer Society Student Branch Chapter of National Engineering College have organized a function to donate laptop and certificates to CSI Deaf and Dump Higher Secondary School Students, Sivakasi on 03-08-2018 in college premises. Regarding the Society relevant project scheme in IEEE EPICS the Department of Computer Science and Engineering student of National Engineering College have developed a new device for the deaf and dumb students named "CASTALK" and this device was developed for the purpose of deaf and dumb students to remove their barriers.



Report on "Motivational Talk Independence Day– Keep Moving Forward"

As part of the regular activities of IEEE Computer Society Student Branch Chapter of our college, we have organized, A Motivational Program named "Independence Day– Keep Moving Forward" on 14.08.2018 at CSE LH8 of CSE Department in our college premises. Nearly 90 students of CSE participated in this program. The final year student P.Sridhar Raj gave a motivational talk.



Report by: Dr.V.Gomathi,

Panimalar Engineering College, Chennai

Project Expo

IEEE Student Branch in association with Power and Energy Society of EEE Department has organized Project Expo on 11.09.2018 with participation of 150 student of 51 batches who shared and presented their innovative idea in the field of Electrical Technology. The project expo was graced by Dr.K.Mani, Principal and Dr.S.Selvi, HOD/EEE of Panimalar Engineering college. The project expo has provided a platform for students to showcase their talents. They used new technologies such as Internet of things, embedded software in the field of Biomedical instruments and Robotics.



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

Panimalar Institute of Technology, Chennai

ADDZAP contest

PIT IEEE SB, Department of ECE in association with IEEE PCS, IEEE Education, IEEE TEMS SBC'S organized ADDZAP contest. Students participated with zenith and shown their overwhelmed talents. In this event participants were given with the products to sell it wisely in order to test their marketing and communication skills. Mr.M.Arun, AP/ECE Co-ordinated the event. The first prize was won by Ms.Anishka and Ms.Hanila and second prize by Ms. Navya and third prize by Ms.preethi and Ms.Tulya.

General QuizContest

PIT IEEE SB, Department of ECE in Association With IEEE Education Society SBC Organized General Quiz contest. Students participated enthusiastically and came out with their talents. In this event participants were given a set of general knowledge question to test their ability. Mr.M.Arun AP/ECE Coordinated the Event. First Prize of the event won by Ms.Rohini, S.Sindhukavi. Second prize by Ms.K.Rajalakshmi, R.Uma. Third Prize By Ms.V.Ashwathi, R.S.Bhavani.

Brain Storming Contest

PIT IEEE SB, Department of ECE in association with IEEE PCS, IEEE Education, IEEE TEMS SBC'S organized Brain storming event. Students participated enthusiastically and came out with their talents. In this event participants were given a set of topics like "if u wait till the floods it is too late..." etc..., to test their communication skill and knowledge. Mr.M.Arun AP/ECE co-ordinated the event. First prize of the event won by Ms.Priyadharshini. Second prize by Ms.Kanimozhi. Third Prize by Ms.S.Sinega.

Workshop on Arduino Programming

Department of ECE, PIT IEEE SB in association with IEEE IAS, IEEE IES, IEEE RAS, IEEE SPS SBC'S organized Workshop on Arduino Programming on September 01, 2018. Mr. Karthikeyan& Mr. Hariharan, Chair & Vice Chair IEEE EDC SBC conducted the workshop. Mr.M.Arun AP/ECE and Mrs.D.Kalaiarasi AP/ECE coordinated the event. Around 24 participants participated and benefitted.



Workshop on 3D-Printing

PIT IEEE SB, Department of ECE in association with IEEE IAS, IEEE IES, IEEE RAS SBC'S organized Workshop on 3D Printing on September 01, 2018. Mr. Shanmuganathan. M&Mr.Prashanth Mohan, form 3Ding, Chennai conducted the workshop. Around 52 participants participated and benefitted.

Report by: arunmeieeee@gmail.com



Prathyusha Engineering College, Chennai

Awareness – Report

IEEE Student branch proudly organized Awareness program on 10.07.18 at PEC Seminar hall for 54 students and 9 staff members from ECE, EEE, BIOTECH and CSE. Chief Guest: Mr. Vigneskumar, Software Engineer, Pradap Solution Pvt.Ltd.



Workshop – Report

IEEE Student branch proudly organized Image Processing and IOT Applications in Medical Field Workshop on 11.07.18 at PEC Mega Lab for 54 (External:35,Internal:15) III, IV year IEEE members from ECE, EEE, BIOTECH, MECH, CIVIL, CSE, IT. Chief Guest: Mr. Balaji, IOT Project Manager, Infozient System Pvt.Ltd.



Seminar – Report

IEEE Student branch proudly organized Seminar on Drafting Research Proposal, Patent & Journal Paper on 03.08.18 at PEC Seminar Hall for 46 (External:7,Internal:39) participants from ECE, EEE, BIOTECH, MECH, CIVIL, CSE, IT. Chief Guest: Dr.Lakshminarasimhan Professor/CSE, University of Botswana, South Africa. Dr.Lakshminarasimhan explained about the Research Proposal, Patent & Journal Paper.



Technical talk – Report

IEEE Student branch proudly organized Technical talk on 20.07.18 at PEC PEC TVS Haritha Hall for 50 Third year ECE students. The chief guest for this program was Mr. S. Kalidasan, Senior Manager (Fire Safety Division), SIEMENS Ltd, Chennai delivered the technical talk, fire safety and security and building automations. Ms. V. Gajalakshmi, Training Head, SIEMENS Ltd, Chennai, delivered the technical talk about Access control, Intruder Alarm system and surveillance camera.



FDP– Report

IEEE Student branch proudly organized FDP on Antenna Design and its applications using LaBVIEW, 11.06.18 – 13.06.18 at PEC IBM Lab for 41 (21 external and 20 staffs from ECE). The resource Person were Mr.Jayanandhan, and Ms.Mohanapriya from Tesla Minds



IEI – Report

IEEE Student branch proudly organized Industrial Expert Interaction program on 04.07.18 at PEC Seminar hall for 54 Robotics club students from ECE department. The chief guest for this program was Mr. Parasuraman, Application Engineer, AXIS global automation, Chennai delivered the technical talk, automation industries, and Industries expectations from the students & skill set requirements to fulfil the industry expectations.



Inauguration – Report

IEEE Student branch proudly organized IEEE Student Branch Inauguration on 10.08.18 at PEC AV Hall for 55 internal participants. Th Chief Guest of this function was Dr.P.A.Manoharan, Scientist, DRDO, Chairman of IEEE Madras Section. Dr.P.A.Manoharan had given keynote address on Importance of Robotics in Industry and Home appliances.



Inauguration – Report

IEEE Student branch proudly organized IEEE Power and Energy Society Inauguration on 13.08.18 at PEC Seminar Hall for 50 internal participants members. Chief Guest: Dr.Sarathi, Professor/EEE, IIT Madras. Dr.Sarathi, Professor had given keynote address on High Voltage Engineering in Research Activity at IIT Madras.



Workshop– Report

IEEE Student branch proudly organized IEEE Student Branch Workshop on 30.08.18 at PEC. PEC TVS Haritha Hall for 50 (17 external and 31 Third year biotech students) participants from ECE and BIOTECH. Resource Person: Mr.I.Mohan, Mrs.Omana, PEC. Mr.I.Mohan,Mrs.Omana explained and given Hands on Training on R Tool Application in Bioinformatics.



Society Inauguration and Seminar– Report

IEEE Student branch proudly organized Society Inauguration and Seminar on 31.08.18 at PEC Seminar Hall for 50 participants members from ECE and BIOTECH. Chief Guest: Dr.T.D.Subash, Professor, Mangalam Engineering College, Kollam, Kerala, IEEE Photonics Society Chairman. Dr.T.D.Subash explained about the importance and Application of Photonics Communication.



Rajalakshmi Engineering College, Chennai

Machine Learning

IEEE Student branch organized Machine Learning on 11.08.18. The Chief Guest was Mr. V. Srinivasan, Project Engineer, Ekon systems, Chennai. The students were given a deep insight into the various data science process such as Data Collection, Data Preparation, EDA, Machine Learning and Visualization.



Signal Processing using MATLAB

IEEE Student branch organized Signal Processing using MATLAB on 16.08.18 and 18.08.2018. Mr. P. Vikram Kumar, Science Promoter, delivered a lecture on “Signal Processing using MATLAB”. The application of signal processing in the popular areas like audio, speech, image and video processing was demonstrated using MATLAB software.



PCB based product design

The workshop was conducted with the aim of making the students to gain the knowledge on making of PCB based products. The third year students Mr. E. Akash, Mr. L. Girish Karthik, Mr. K. Harinarayanan and Mr.K. Pravin Kumar conducted this workshop. The participants were given training on circuit design using Proteus simulation tool and fabrication of the hardware module of the designed circuit.



Report by: Dr.M.Palanivelan, velan.research@gmail.com

S.A. Engineering College, Chennai

Guest Lecture on Power System Analysis

The Department of EEE and IEEE Student branch jointly organized the Guest Lecture on “Power System Analysis” on 03.08.2018. 84 students participated in the programme. Dr.P.Somasundaram, Associate Professor, Department of Electrical and Electronics Engineering , Anna University, Chennai.



Social Media Awareness Programme

The Women Empowerment Cell of S.A.E.C and IEEE WIE conducted “Social Media Awareness Programme” on 06.08.2018. Totally 300 girls participated in the event. The Chief Guest of the Occasion, Mr. J. Saravanan, CEO Smartant Technologies Pvt., Ltd. addressed the gathering.



Workshop on Integration of Renewable Resources

The department of EEE conducted two day's workshop on “Integration of Renewable Resources – New CEA Guidelines for Solar and Wind Farms” in Association with IEEE Students Chapter, SAEC, Chennai, from 24.08.2018 to 25.08.2018. The speakers emphasized the significance of new CEA guidelines for Renewable Integration and a brief explanation on the Integration of Wind turbine generator, its power factor requirements, Power quality.

Report by : R.Mahendran, mahendranr@saec.ac.in



Sri Eshwar College of Engineering, Kondampatti

“IEEE Awareness Program”

On 16th August 2018 IEEE Student Branch of Sri Eshwar College of Engineering Organized IEEE Awareness Program. IEEE STB chairman Mr.B.Shree Hariharan gave an awareness talk about the benefits of joining IEEE, IEEE Collabratec, IEEE Xtreme 12.0, IEEE Day various awards under IEEE, and Spectrum Talk.



Sri Ramakrishna Institute of Technology, Coimbatore Guest lecture

IEEE Student Branch of SRIT organized a guest lecture on August 9, 2018 in the college premises. Mr.VipinVijayakumar, Sr.Director, R&D Technologies, Cytokinetics Inc., San Francisco, California, USA was the resource person. The title of the lecture is, "Role of Engineering and Technology in Drug Discovery".

Reported by: Dr.H.Mangalam



Sri Sairam Engineering College, Chennai

Guest lecture

The IEEE Computer Society Student Branch Chapter organized an Guest Lecture on Current Trends In IT Industry on 31st August,2018. Mr.Vignesh Gautam, Senior product specialist gave a detailed talk on Bitcoins, Block chain, Internet of things, Virtual reality and Augmented reality. Ms.Subathra, Application Developer in BNY Mellon Technology carried the session funfilled and thought provoking.



"Exploring Member Benefits in IEEE"

The IEEE Computer Society Student Branch Chapter organized an Seminar on "Exploring Member Benefits in IEEE" on 6th September 2018. The seminar focused on enlightening the minds of the students with benefits of IEEE organization. The program started with an informative speech by the head of department Dr.T.Sheela,dean and networking on the recent trends and enlightened the students. Her speech was followed by seminar delivered by Mr.Ashvanth, Assistant System Engineer, TCS.



Sri Sivasubramaniya Nadar College of Engineering, Chennai

The course of the workshop included technical talks by eminent researchers like Dr. C. Chandrasekar, Professor, IIT Madras, Dr. Madhavan Mukund, Professor and Dean of Studies, Mathematical Institute, Chennai, Dr. L. Sobha, Member Research Staff, Computational Linguistics Research Group, Information Sciences Division, AU-KBC Research Center, Chennai. Dr. M. Anand Kumar, Assistant Professor, Dept. of IT, NIT Suratkal, Mr. Karthikeyan Padmanaban, Architect, Tata Elxsi, Chennai, Dr. V. Masilamani, Assistant Professor, IIITDM, Kanchipuram, Around 85 participants were present in this workshop.

Guest Lecture on Introduction to Matlab

Department of ECE in association with Communications Society Student branch organized a talk on "Introduction to MATLAB" on August 1st, 2018. The session was attended by 47 participants and the students were briefed about the basics and potential applications of MATLAB and at the end of which they were made to implement the concepts and create interactive graphical user interfaces. The concepts were delineated through a presentation which enabled thorough understanding for the participants.



Basics of Photoshop

Student Branch & Computer Society Student Chapter in association Design Club of SSNCE on 30 August, 2018. It was a one day workshop which was mainly conducted for the students of SSN and received about 35 students in total.



Many members of the design club were involved in teaching the students about the basics of photoshop, while IEEE members were working on the organizational aspects of the workshop during the day.

Xtreme 2018 Awareness Program

SSN IEEE SB in association with IEEE CS Student Chapter organized Xtreme awareness program on 28 August, 2018. About 40 members attended this program. The main objective of the session is to impart a knowledge about IEEE Xtreme 2018 so that we can make it a great success. The session started with Ms. Aishwarya, SSN IEEE Xtreme Ambassador explained about IEEE Xtreme and Mr. Murugappan, IT final year, who was ranked 1st in Madras section, 3rd in National level, 36th in regional level and 101 in international level in Xtreme 11.0 also shared his ideas and experience with IEEE Xtreme



Xtreme 2018 Awareness Program

SSN IEEE SB in association with IEEE CS Student Chapter organized Xtreme awareness program on 28 August, 2018. About 40 members attended this program. The main objective of the session is to impart a knowledge about IEEE Xtreme 2018 so that we can make it a great success. The session started with Ms. Aishwarya, SSN IEEE Xtreme Ambassador explained about IEEE Xtreme and Mr. Murugappan, IT final year, who was ranked 1st in Madras section, 3rd in National level, 36th in regional level and 101 in international level in Xtreme 11.0 also shared his ideas and experience with IEEE Xtreme



India Quiz

SSN IEEE student branch in association with SSN Quiz club conducted a quiz competition, "INDIA QUIZ" on 13 August, 2018. About 100 participants in a team of two (50 teams) participated in the competition with great enthusiasm.

Report by: Dr. T. Sree Sharmila, sreesharmilat@ssn.edu.in



Sri Venkateswara college of Engineering Chennai IEEE Student Branch Inauguration

The IEEE student branch – SVCE, Sriperumbudur has been inaugurated for its activities for the academic year 2018 - 2019 on the 09th of August, 2018. The function was presided by Mr. Aravindhan Anbazhagan, Student Activities Chair, IEEE Computer Society India Council. The chief guest spoke to the students on his journey in IEEE and the knowledge and experiences gained through IEEE. More than 1000 students and members of IEEE participated in the event. The office bearers were introduced by the chief guest to the gathering at the end of the session.



St. Joseph's College of Engineering, Chennai Basics of NodeJS

IEEE-CIS members (25) of IT department attended a hands on session for Basics of NodeJS on 16th August 2018. The session was conducted by Mr. Arockia Praveen. The event was coordinated by Ms. G. Lathaselvi.



Introduction to Arm cortex microcontroller programming

We have great pleasure in informing you that the Department of Electrical and Electronics Engineering of St. Joseph's college of Engineering, Chennai has organized a value added course on "Introduction to Arm cortex microcontroller programming" from 1st August 2018 for three days. The organization is SANDS from 10.00 A.M to 3.00 P.M. The whole session was very interactive.



Power Electronics Technical Quiz

A Technical Event was conducted on 20.08.2018 for Power Electronics members by Anne Jenifer P, Beryl M of third year in a department of EEE under the guidance of Dr.V.Chamudeeswari. Members of PELS of second and third year of EEE department were participated.



Guest Lecture on Soft Computing Techniques

We have great pleasure in informing you that the Department of Electrical and Electronics Engineering of St. Joseph's college of Engineering, Chennai has organized a guest lecture on "Soft Computing Techniques" on 06th August 2018. The lecture was given by Dr. P. Lakshmi, Anna University, Chennai. Approximately 150 students were attended this guest lecture. The whole session was very interactive.



Technical Quiz

A Technical Quiz was conducted on 23.08.2018 for Industrial Application Society members by C.S.SriramSoorya, M.Yogeshwaran, R.Srinidhi of third year in a department of EEE under the guidance of Mr.R.Sreekanth. Members of IAS of second and third year of EEE department were participated.



Report by: Ms. R.Srinidhi

St. Peter's College of Engineering and Technology, Chennai Invited Talk on "NS3 simulation in Experimental & Research Studies"

The IEEE student branch of St. Peter's College of Engineering and Technology conducted an Invited talk on, "NS3 simulation in Experimental & Research Studies", by Dr. M.Prathap, Department of Information Technology, Wollo University, Ethiopia on 31st August 2018. 25 IEEE students were attended the presentation and demonstration.



Invited Talk on “Ethical Hacking”

The IEEE student branch of St. Peter’s College of Engineering and Technology conducted an Invited talk on, “Ethical Hacking”, by George M A Michael, II year CSE student on 24 th August 2018. 25 IEEE students were attended the seminar.



St. Xavier’s Catholic College of Engineering, Nagercoil Fusion Technology

A technical gathering of the IEEE student branch was conducted on August 14, 2018. The meeting was organized by Lincy Theresa C., Chairperson of the IEEE WIE SBA, under the guidance of Dr. Darwin Jose Raju A., Coordinator of the IEEE StB. Nearly 25 members attended the meeting.

Basic Information about Python Programming Language

The Technical Gathering of the IEEE student branch was conducted on August 21; 2018. The meeting was organized by Ms. Abhisha Raju A., Vice Chairperson IEEE StB under the guidance of Dr. Darwin Jose Raju A., Coordinator of the IEEE StB. Around 28 student members attended the meeting.

Maglev Train

The Technical Gathering of the IEEE EduSoc was conducted on August 28, 2018. The meeting was organized by Ms. Shelfa Lambert H. L., Chair Person, IEEE EduSoc SBC, under the guidance of Dr. Darwin Jose Raju A., Coordinator of the IEEE StB. Around 25 student members attended the meeting.

Inauguration of the IEEE Student Branch

The 16th inauguration of the IEEE Student Branch-62851 for the academic year 2018-2019 was held on 30-8-2018. The inaugural ceremony commenced with a Code of Ethics read by Ms. A. Abisha Raju, Vice Chairperson IEEE StB. Dr. A. Darwin Jose Raju, Coordinator, IEEE StB welcomed the gathering. Prof. J. Bright Jose, Counselor, IEEE StB announced the IEEE Student Branch Office Bearers. Ms. E. G. Sajithra, Secretary, IEEE StB read the year plan for IEEE StB.



St. Joseph’s Institute of Technology, Chennai Electronics Circuits Debugging

Brief description: IEEE EMBS of St. Joseph’s Institute of Technology conducted Electronics circuits debugging on 3.8.2018. Amongst 25 participants, 15 were shortlisted as finalists.



Thiagarajar College of Engineering, Madurai

Inaugural Function

In the academic year 2018-19, ECE Association and Professional Society (IEEE & IEI) inaugural was held on 23 August, 2018. Mr.T.R.Yogesh (Principal Engineer, Cisco Systems Inc., USA) was invited as Chief Guest who was the alumni of our college. The HoD, Dr.S.J.Thiruvengadam gave a short introduction about our chief guest and introduced the office bearers for this academic year.



Velammal Engineering College

SURGE 2K18 –Symposium

Department of EEE, Velammal Engineering College conducted a National level technical symposium, SURGE 2K18 on August 11th, 2018, in association with IEEE student branch. The event was inaugurated by Mrs.S.Bhavya, Deputy Manager, Chennai Metro Rail Ltd., Chennai. The event was also honoured by the presence of our Principal, Dr.N.Duraipandian and HoD, Dr.S.Srinath. The release of the department magazine, Technocrats, then followed.



Month of August 2018

Associate Member	65
Fellow	5
Graduate Student Member	593
Life Member	7
Life Senior Member	13
Member	1,770
Senior Member	251
Student Member	3,685
Affiliate	17
SA Member	1
Total	6,407

Editorial Team

Dr. S. Joseph Gladwin, Editor

Dr. P.A. Manoharan, Chairman IEEE MAS

Dr. S. Umashankar, Vice Chairman IEEE MAS

Dr.T. Michael N Kumar, Secretary IEEE MAS

Dr. N.B. Muthu Selvan, Asso. Prof., EEE Dept., SSN CE

