Message from Chairman

IEEE Madras section needs structural reformation in a way a transparent and hassle free standard operating procedures to work and serve the needs of the members, suitable steps are taken to change the working ways. Section exerts societies to have effective technical contributions by organizing workshops, symposium and conferences. I congratulate and express my gratitude societies R10 award for their outstanding contributions. I am proud to communicate and wish that IEEE Product Safety Engineering Society (PSES) winning chapter of the year awards for the second year consecutively. Understanding the concepts behind the leadership tenure is an important issue, which gets mislead to the people holding the leadership position for long time.

As per the MGA norms holding leadership position has the maximum position for six years, Madras section suggest minimum two years are enough to contribute, which is followed by most of the education institutions. I also encourage and recommend this timescale leadership of two years to accommodate more contributors.

Quality conference meeting with Prof. Lance Fung R10 Conference Quality committee chair from Perth, Australia, general discussions titled "Conference Quality" to improve the quality of IEEE conferences organised across Tamilnadu state, on 4th April 2018 from 18.00 Hrs to 20.00 Hrs. tentatively at Royal Le Royal Meridien, Chennai. It was a very good discussion across the table that Review should be made on full paper, Reviewer can have maximum 12 papers in his credential, and article submission should have 4 pages minimum and limited to maximum 6 pages double column 10 font. Further it was suggested IEEE international conferences to have

1. Technical Program Committee (TPC) check should cover all the domains and he should not be the organizing chair,
2. Ensure that the expertisations of 16 domains and its field of interest is included, if the conference is sponsored by the societies, and
3. Conference proceedings should not have out-of-scope or poor-quality papers. Board suggested that IEEE Meetings, Conferences & Events (MCE), one or two days advertising, called conference education program to have insight on conference partnerships, finance and publications, IEEE looking program from the organisers and volunteers.

Looking forward for your support in the form of contributions, motivating others to renew and enroll for the new IEEE membership.

Dr. P A Manoharan
Chairman, IEEE Madras Section
Greetings..!

The April edition of IEEE MAS News letter is published. I am happy to note that colleges have followed the new guidelines in event reporting. However, I once again remind to kindly inform the events planned for subsequent months, well in advance for possible inclusion in newsletter.

The circulars / Announcements of events planned under IEEE banner shall be informed in prior by email to ieeemas.events@gmail.com. After successful completion of events, a brief report with one photograph taken during the event shall be sent to ieeemaslink@gmail.com. The reporting would be a consolidated report in a calendar month for events conducted in that month, which should be reported before 7th date of succeeding month. The guidelines for preparation of report and size of photograph can be found in the url https://goo.gl/ySHbmA

Any awards or recognitions and important information shall be sent to ‘event announcement’ mail for possible inclusion in Newsletter.

The guidelines for Student Branches counselors is available in https://goo.gl/esoKBL

All are requested to kindly adhere to the new norms for timely release of Newsletters. It shall be noted that inclusion of topics into Newsletter is at the discretion of Editorial team.

Dr. S. Joseph Gladwin M.E., Ph.D.  
Associate Professor, ECE Department   
SSN College of Engineering   
Kalavakkam - 603 110. Chennai.
**Aarupadai Veedu Institute of Technology (AVIT)**

**Digital Image Processing for Human Computer Interaction**

The IEEE Student Branch of AVIT and IEEE EMBS Student Branch of AVIT organized a seminar on Digital Image Processing for Human Computer Interaction on April 13, 2018 in association with the Dept. of ECE. Dr S Jerrita, Professor, ECE Department, Vel’s Institute of Science, Technology and Advanced Studies, Chennai was the resource person. She spoke on the various aspects of digital image processing and its applications in human computer interaction. She explained some real time applications and projects and demonstrated the same for the benefit of the participants who were students and faculty from the departments of ECE and CSE of AVIT.

*Report by: P Subramanian, surya602@yahoo.co.in*

**Annamalai University**

**Workshop on Soft Computing in Engineering**

IEEE student branch along with IEEE Computational Intelligence Society organized a workshop on the topic “Workshop on Soft Computing in Engineering” on 3rd April 2018. Mr. R. Arulraj, Chairman IEEE Student Branch delivered the welcome address. Dr. C. Antony Jeyasehar, Dean, FEAT, delivered the inaugural address. Dr. N. Kumarappan, Professor and Head, Dept. of Electrical Engineering, co-ordinated the event. A keynote address was delivered by Dr. N. Kumarappan on neural networks and another keynote address was delivered by Dr. V. Padmathilagam, Assistant professor, Dept. of Electrical Engineering, on fuzzy logic. In afternoon session, Mr. R. Arulraj gave hands on training for the participants regarding neural network and fuzzy logic toolbox in MATLAB environment. 60 participants were benefited through this workshop.

*Report by: Arulraj Rajendran, arulrajeeessn@gmail.com*

**Cape Institute of Technology (CIT)**

**Inauguration of IEEE Activities 2018**

Inauguration of IEEE Activities 2018 was organized by IEEE SB of CIT on 10th April 2018. Mr.Vincent Jain, Past chair of SIGHT, IEEE Madras Section addressed the gathering. He shared the various benefits of IEEE SIGHT and motivated the students to join in it. At the end of the session the IEEE Members were honored with the IEEE Membership Certificates by the chief guest. The event was coordinated by Ms.Fastina Jothi , second year ECE , Ms. Mageswari and Ms. Abisha of Third year ECE and staff coordinators Mr.A.Neelambaran,AP/ECE and Mr. R.Solomon Roach, HOD/ECE.

**PES DAY Celebration 2018**

A technical talk was organized by IEEE SB of CIT sharing the benefits of Renewable energy resources by Mr. R.Solomon Roach, HOD/ECE, IEEE SB Counsellor on account of PES DAY 2018 Celebration on April 19, 2018. The students actively involved in the various events of the celebration. The event was coordinated by the PES Day 2018 Ambassadors Ms.S,Samyuktha, IEEE WIE Chair and Ms.V.K.Virushne, IEEE SB Chair.

*Report by: Ms.Virushne V K, virushvk@gmail.com*
IEEE Student branch 61631 has organized TECHIEMEET-2K18 Student Professional Awareness Conference (SPAC) on 09.03.2018 and 10.03.2018 around 306 participants from various colleges had participated in this SPAC. This SPAC includes six workshops, three technical events, three non-technical event, two championship events, two paper presentation and one idea presentation were conducted to show case student talents. IEEE branch counsellor Dr. R. Sudhakar, IEEE faculty advisor Dr. A. Sakthivel and Dr. A. Senthil kumar HOD/EEE offered prize money worth of Rs. 29,250.00 to the prize winners and delivered certificates to the participants.

IEEE Student branch 61631 valedictory function for the year 2k17 and induction of new office bearers for the year 2k18 was conducted on 04/04/18. Around 100 members were attended the program. The function was presided by IEEE faculty advisor Dr. A. Sakthivel. Mr. G. Kanagarajesh IEEE chair person has addressed the gathering. During this program the report for the year 2k17 has announced by Mr. K. Pratheep Kumar office bearer year 2k17, the new team of office bearers were inducted by IEEE faculty advisor Dr. A. Sakthivel.

**Workshop**

IEEE Student branch 61631 organized a IEEEMAS sponsored workshop on “Simulation of IEEE transaction paper using Industrial Electronics” on 24.01.2018 and 25.01.2018 for faculties and students. 44 participants from various colleges participated. The technical talks in workshop were delivered by Dr. M. Kaliyamoorthy, Associate Professor/EEE and Dr. A. Sakthivel, Associate Professor/EEE & IEEE faculty Advisor.

*Report by: Mr. M. Jeevan Kumar, jeevankumar3112@gmail.com*

**Dr. Sivanthi Aditanar College of Engineering, Tiruchendur**

I SEE IC (Poster Presentation Contest)

On behalf of IEEE Student Branch (61401), ‘I SEE IC (Poster Presentation Contest)’ was conducted on 16th March 2018 for students of second and third year ECE department. Totally ten batches of students had participated in this event. Posters on various titles like Driverless cars, Humanoid robots, Artificial intelligence etc were presented. Mr. SP. Valanarasu, ASP/ECE, Ms. Jenifer Eunice, AP/ECE, Mrs. V. Moinsa, AP/ECE, Mrs. G. Ewance Lydia, AP/ECE judged the posters. Finally two batches of students were selected for prizes based on their performance.

The prize winners are (i) S. Ramalakshmi, L. Mercy (III ECE) – First prize, N. Bagam Priyal, N. Aswini (II ECE) – Second prize

**National Conference on trends in VLSI, Communication & Embedded Technologies**

On behalf of IEEE Student Branch (61401), National Conference on trends in VLSI, Communication & Embedded Technologies was conducted on 16th March 2018. Various papers in wireless communication, VLSI and Embedded technologies domain were presented in the conference. More than sixty participants had participated in the conference.

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

**Electro Tech Contest**

On behalf of IEEE Student Branch (61401), ‘Electro Tech Contest’ was conducted on 23rd March 2018 for students of second year ECE department. Totally thirty students had participated in this event. Various technical rounds were conducted and finally R. E. Sanjay, II ECE was judged as winner.
KPR Institute of Engineering And Technology (KPRIET)

Anti Child Labour Day
IEEE Students’ Branch and Department of EEE KPRIET conducted an awareness program on “Anti Child Labour Day” on April 30th, 2018. The Head of the Department and the IEEE branch counselor Dr.V.Kumar Chinnaiyan welcomed the gathering and Dr.K.Bommanna Raja, Principal presided over the function. Dr.S.Ramkumar, Dean (Academics & Administration), KPRIET explained the need for providing quality education to prevent children working in any commercial field. He also expressed that the growth of the nation is very much dependent on the empowerment of children with good and sound education. He also narrated the success of KPR mills in the textile field. About 250 students from various department and 40 faculty members attended the program.

World Intellectual Property Day
IEEE Students’ Branch and Department of EEE KPRIET celebrated the “World Intellectual Property Day” on the topic Powering Change: Women in Innovation and Creativity on April 26th, 2018. The Head of the Department and the IEEE branch counselor Dr.V.Kumar Chinnaiyan welcomed the gathering and Dr.K.Bommanna Raja, Principal and Dr.S.Ramkumar, Dean(Academics and Administration) presided over the function. Dr.A.M.Natarajan, Chief Executive, KPRIET briefed about the importance of IPR as well as the global challenges faced by modern IP system. He also gave a talk on inspiring contributions of women around the globe and their achievements. About 100 students from various department and 40 faculty members attended the program.

Project Expo’18
IEEE Students’ Branch and Department of EEE KPRIET conducted the “Project Expo’18” on April 5th, 2018. Dr.V.Kumar Chinnaiyan welcomed the gathering and Dr.K.Bommanna Raja, Principal and Dr.S.Ramkumar, Dean(Academics and Administration) presided over the function. Dr.R.Jayapal, Independent Automation Consultant & Former DGM, BHEL, Trichirapalli and Er.V.Ramesh Babu, Sr.Manager, Salzer Electronics Ltd., Coimbatore were the Chief Guest for the Expo. Project expo included various projects done by EEE students. 30 projects were presented and the prizes were given to the best projects. The co-ordinators Prof.S.Vivekanandan, AP(Sl.G) and Prof.A.Mohamed Ibrahim, AP(Sr.G)/EEE made all the arrangements for the smooth conduct of the Expo.

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

K.Ramakrishnan College of Engineering, Tiruchirappalli
Industrial Visit
IEEE Student Branch and EEE department has organized an Industrial visit to Neyveli Lignite corporation, Neyveli on 6.4.2018. The main motive of this visit was to gain industrial exposure and to enhance the knowledge in power generation system and processes. Around 63 EEE students attended the industrial visit. The visit was organized by Mr.P. Parthasarathy, AP/EEE and Ms. P. Anandhi AP/EEE.
**Project Contest**
IEEE Student Branch and EEE department has organized a Project contest on 10th April 2018. Students showcased their innovative ideas in the form of small projects. The main idea of this contest is to encourage the students in building up innovative ideas. The best three projects were awarded with certificate and shield. Around 63 EEE students attended the industrial visit. The contest was organized by Dr. K. Dhayalini, SBC, Professor & head and Ms. N. Vinothini, AP/EEE.

**Achievers Day**
IEEE Student Branch and EEE department has organized Achievers day 2018 on 19th April 2018. The meritorious students were motivated by cash prizes and Dr. D. Srinivasan, Principal, address the gathering the importance of placements and research interest. The event was organized by Dr. K. Dhayalini, Professor & Head/EEE and faculty members of EEE department.

**Alumini Address**
IEEE Student Branch and EEE department has organized alumini address to the final year and prefinal year students of EEE department. Mr. S. Vignesh Ram, Senior Engineer, Mitsuba Sidcot Private limited, Chennai was the guest who delivered valuable address to the students on 20th April 2018. Dr. D. Srinivasan, Principal, address the gathering and talked the importance of higher studies and workplace environment to the students. The event was organized by Dr. K. Dhayalini, Professor & Head/EEE and faculty members of EEE department

*Dr. K. Dhayalini, dhaya2k@gmail.com*

**K.Ramakrishanan College of Technology**

**Invited Lecture**
We organized an invited lecture on “Role of Internet of things in smart grid on 13th MACH 2018 under IEEE Student Branch STB10084. Dr. S. Albert Alexander, Assistant Professor (Senior Grade) from Kongu Engineering College, Erode delivered the lecture. He explained about micro grid and smart grid, Components of micro grid, Alternate sources & Integration, Solar photovoltaic system and power electronic converters. Finally he gave some key notes about various job opportunities available in Power industries. IEEE students of ECE, CSE and EEE department attended and gained knowledge about the role of Internet of things in smart grid system from the invited lecture.

**National Level Technical Symposium- Technovation’18**
To motivate and enhance the technical skill among the students, We have organized one day technical symposium on 9th March 2018. Totally 45 students from various institutions participated in various events such as paper presentation, circuitrix, technical quiz and Ad-zap. To encourage the students, cash award and certificates for the best three participants for each event were given. IEEE and non-IEEE students of ECE branch attended and gained knowledge from this programme.

*Report by: Dr. A. Kavitha, Susmi_sri@yahoo.com*
**K.S.Rangasamy College of Technology**

**National Level Technical Symposium COMMUNIX’18**

The national level technical symposium COMMUNIX’18 was conducted by the Department of Electronics and Communication Engineering and IEEE Student Chapter of K.S.Rangasamy College of Technology on 16th February 2018. Nearly 600 students came from different colleges in Tamil Nadu to participate in the tech fest. The symposium was sponsored by the IEEE student chapter. The inaugural function started at 9:30 AM. Mr.K.Sivasubramaniam, Staff co-ordinator, CAFACE welcomed the gathering. The Head of the Department Dr.K.B.Jayanthi gave the HoD address followed by the Dean address by Dr.K.Duraisamy, Prof.& Dean, KSRCT. The college Principal Dr.M.Kumaravel delivered the Principal address. This was followed by the release of souvenir by the Head of the department Dr.K.B.Jayanthi and the session was handed over to the chief guest Mr.Pasupathi Venkatachalam, Program Manager, Infosys Limited, Bangalore.

There were many events that added color to the beauty of the symposium. The main events consisted of paper presentation, project presentation, code debugging which was aimed at improving the technical knowledge and communication skills of the participants. Also several other fun events were also organized which included, LAN gaming and treasure hunt. Technical quiz was also organized to test the general knowledge of the participants. Multimedia presentation was conducted to hunt the creativity of the participants. Prizes and certificates were awarded to the participants for their fabulous performance in various events. The first and second prizes were distributed to the participants during the valedictory function.

The event came to a formal closure with Dr.C.Rajasekaran giving the Vote of Thanks. The participants gave a positive response about the symposium and were astonished to see the hospitality of the volunteers and the staffs which gave an added credit to the symposium COMMUNIX’18.

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

**KUMARAGURU COLLEGE OF TECHNOLOGY (KCT)**

**DAWinC PROJECT COMPETITION 2018**

DAWinC 2018 Project Competition was an innovation challenge organized by KCT. It was organized with the aim of enhancing the learning and skill development of the engineering graduates to be on par with today’s industry need of skilled graduates. The theme of Da-Win-C was such that it encouraged inventions, scientific investigations and research, and promotes their application for development of all sectors of societal needs. It was hosted in partnership with Madras IEEE Women in Engineering, Madras IEEE Photonics Society Chapter, Madras IEEE Education Society Chapter. Madras IEEE SSIT and IEEE Robotics and Automation Society Chapter, and was sponsored by IEEE Student Activities Committee.

The challenge was conducted to recognize the best innovation application on Healthcare, Assistive systems for people with disabilities, Clean water and energy, Agriculture, Waste Management, Disaster management, Women safety, Robotics.

**Participants and Winners:**

There were 115 entries (75- external & 30 internal) from four states Tamil nadu, Andhra Pradesh, Karnataka and Kerala. 45 teams were shortlisted and intimated during the first round. Finally on April 10th, the finals were conducted.

The day started with the inauguration of the CITEL Conference and the Competition at the Mahalingam Vigyan Bhavan Seminar Hall at 9:30 am. Mr. Mohammad Azad Abdul Kareem, the Senior Director of Mirafra Technologies inaugurated the
event. After his keynote speech on “Are we innovating?” which triggered and encouraged the young minds to think on innovation, he answered questions from the audience about how to innovate, what are the skills to be developed for innovating and how the problems for innovation lie around us.

After the keynote, the competition started and the jury was Ms. Kavitha, Director, STEPS Pvt Ltd., a franchise of the Texas Instruments. Totally 23 teams participated and 5 winners were selected. Both were evaluated and finally 3 winners from the regular track, one team for the virtual track and one team for the Women in Engineering Special Prize was selected. The projects and the team details are given below:

1st Prize:
Prediction of Student Performance by Najiya Nasrin, Jincy Denny, Remya Y, Ruvaiz Abdul Rahaman
Institution: Adi Shankara Institute of Engineering and Technology, Kerala.

2nd Prize:
Mobile Operated Surveillance Robot by Vishnu Varun T, Srihari M.
Institution: KCG College of Technology, Chennai

3rd Prize:
Institution: Adi Shankara Institute of Engineering and Technology, Kerala.

Virtual track:
Water Powered Plant by Anal E S.
Institution: Mangalam College of Engineering, Kerala.

Special Women Prize:
Biodegradable Use and through plates by Srimathi K
Institution: Kumaraguru College of Technology, Coimbatore

Internal Participant Special Mention Winners:
Project Title: Rice Straw Mineral Board; Student team: Ranjithkumar P., Rajkumar T., Department: Mechatronics
Project Title: Smart Dumpster
Student team: Gayathri, Koushik
Department: ECE
Project Title: Special Car Seat for Physically challenged people in 4 Wheelers
Student team: Karmugil V, Shivshankar T, Manoj Kumar D., Department: Automobile Engineering

The prizes and the certificates were distributed after interacting with the student teams about the future plans of the teams and discussing the comments of the jury with them. Some of the projects were already patented and some were advised to go for incubation.

Report by: Dr. Ramalatha Marimuthu, Ramalatha.marimuthu@gmail.com
Panimalar Institute of Technology
International Conference

Panimalar Institute of Technology organized Third International Conference on Innovative & Emerging Trends in Engineering and Technology on 09\textsuperscript{th} & 10\textsuperscript{th} Mar 2018 in collaboration with IEEE, SAE, ISTE, IET, ISTE, CSI & ICTACT. Dr. T. Jayanthy, Principal delivered the Welcome address. Mr. C. Sakthi Kumar, Director Delivered the Presedential address. During his talk she highlighted the importance of organizing conferences and motivated participants to use such forums to gain knowledge. Invited Chief Dr. Fakhrul Hazman Yusoff, Faculty of Computer and Mathematical Science (FSKM), Universiti Teknologi MARA (UiTM), Malaysia & Prof. Dr. RER. POL. Markus D. Rehfeldt, Albstadt-Sigmaringen University, Germany released the conference proceedings. Dr. Fakhrul Hazman Yusoff delivered the Key note address on Gamification in Business Innovation followed by Prof. Dr. RER. POL. Markus D. Rehfeldt, delivered the Key note address on Vision of Industry 4.0 & Augmented Reality. Dr. M. P. Chitra, Prof. & head ECE delivered the vote of thanks. The event followed by presentation from various researchers & Students from various part of the country.

Poster Presentation

Department of ECE in association with PIT IEEE, IEEE PCS & WIE conducted Poster Presentation Contest on 25\textsuperscript{th} March 2018. Students presented papers in various emerging Technologies. Ms. Harika of second year ECE won the First Prize. Mrs. R. Prathipa & Mr. M. Arun coordinated the event.

Paper Presentation

To make the students of ECE aware of the New Technologies and to have a strong base in their key concepts, Department of ECE in association with PIT IEEE, IEEE PCS & WIE conducted Paper Presentation Contest on 26\textsuperscript{th} March 2018. Students presented papers in various emerging Technologies. Korrapati Sindhu Priya of second year ECE won the First Prize. Mrs. R. Prathipa & Mr. M. Arun coordinated the event.

Women’s Day Celebration

PIT IEEE WIE celebrated the International Women’s day on 15.03.18. The event was inaugurated by Dr. M. P. Chitra, Head ECE. During the event Talk on Women Empowerment, Modern Women’s, & ICT for Women safety were discussed. Followed by few non-technical events in which faculty & students participated enthusiastically.

Electromagnetic Field Quiz Contest

Department of ECE, IEEE APS, MTTS, EMC & IEEE SB organized the Electromagnetic Field Quiz Contest for second year students on 21\textsuperscript{th} Mar 2018. Around 160 Students participated in the events. Students were tested in the basic concepts of Electromagnetics.
She for She
An event on Women safety She for She conducted by PITEDC, IEEE SB, IEEE WIE on March 15, 2018. The chief guest of the event is Dr.Vaideki Vijayakumar, Chair IEEE WIE. The event had a discussion forum on empowerment of Women. Dr.S.Ganesh, Prof/ECE coordinated the event.

Short Term Course on PSpice circuit simulation tools
PIT IEEE SB, IEEE EDS, IAS, IES SBC’S in association with Department of ECE organized the Short Term Course on PSpice circuit simulation tools for First year ECE students during 21st & 26th March 2018 & 2nd to 5th April 2018. Students were introduced with the Circuit Simulation tool. Dr.S.Sathiyapriya, Professor, Mrs. Banumathi & Mr.N. Prakash Assistant Professor, ECE conducted & coordinated the event. Around 180 students participated and benefited.

Workshop on RasberryPi for beginners
Department of ECE, PIT IEEE SB, IEEE SP, IAS, IES SBC’S in association with ResPro Labs Chennai organized the Workshop on RasberryPi for beginners for First year ECE students during 27th & 28th March 2018. A team from ResPro lab trained the students with Basic Programming’s using RasberryPi. Around 50 students participated and benefited. Mr.M.Arun, Assistant Professor ECE coordinated the event.

PES Day Celebration
PIT IEEE SB, IEEE SP, IAS, IES, PELS SBC’S in association with IEEE Power & Energy Society Celebrated the IEEE PES day celebration. Ms.Daphne Jenson PES Day Ambassador welcomed the gathering and briefed about the History & benefits of IEEE PES society to the participants. Mr.M.Arun, IEEE PES Advisor coordinated the event.

Mini Project Contest
Department of ECE in association with IEEE, IEEE EDS, IEEE IAS, and IES organized a Mini Project Contest for First, Second, Third Year students on 28th March 2018. Best project were awarded with first, second and third cash prize & certificates. It was coordinated by the Dr.S.Sathiya Priya, Mrs. V.Jeya Ramya & Mrs.R.Suganthi, ECE.

Project Expo
Department of ECE in association with IEEE, IEEE EDS, IEEE IAS, and IES organized a Project Expo Contest for Final Year students on 05th April 2018. Best project were awarded with first, second and third cash prize & certificates. Dr.M.Prem Kumar Professor & Mr.J.Navarajan, Associate Professor ECE coordinated the event.
Guest Lecture on Soft Skill
Department of CSE IEEE CS organized a Guest Lecture on Soft Skill by Mr. S. Stephen Raj, Director – Ads-e-Park, Chennai for Third year CSE students on 27th March 2018. He shared his knowledge about the Communication skills, Making decisions, Self-motivation, Group Discussion, Leadership skills, Team working skills, Creativity, Problem-solving skills, and Time management. The Event is initiated and supported by Dr.V.Subedha HOD/CSE and coordinated by Dr.T.Kalaichelvi Professor /CSE, M.Vidhya Assistant Professor of CSE Department.

Workshop on Programming with Python Language
Department of CSE in association with CSI –Chennai Chapter, IEEE Computer Society and ICT Academy conducted the workshop on Programming with Python Language for second Year & Third Year CSE students during 23rd February to 2nd March 2018. The aim of this workshop is to provide students with basic knowledge and exposure to Python Language.

Guest Lecture
Department of CSE & IT in collaboration with IEEE, IEEE CS, IEEE ITS & Computer Society of India organized Guest Lecture programme on Cyber Security for second year on 02.04.18 by Mr. Srinivasa Lakshmanan, Lead Manager from Infosys. Around 120 students participated and benefited.

Project Expo
Department of IT in collaboration with IEEE, IEEE CS, IEEE ITS & Computer Society of India organized a Project Expo for Final Year on 03.04.2018. The winners of the event were awarded with cash prizes. It was organized by the Mrs. S.Irin Sherley and Mrs.D.Murugeswari.

Faculty Development Program –Python
Department of IT & CSE in collaboration with IEEE, IEEE CS, IEEE ITS & Computer Society of India organized Faculty Development and Training Program on Python on 21.03.2018. Mr. Pravin Kumar, from Eye Open Technology, Chennai conducted the FDTP. Mr. Krishnaraj coordinated the Session. About 20 faculty participated and benefited.

Report by: Mr. M. Arun, arunmeieee@gmail.com
**Prathyusha Engineering College**

**IEEE Young Professional Sponsored Workshop**

A National workshop on “Applications of Neural Network in Engineering Field” was organized on 24/1/2018 & 10 am to 3.00 pm. Dr. Venkateshkumar from Chairman, IEEE Young Professional, Chennai presented the special features of Neural Network with examples. Nearly 25 people participated.

*Report by: moorhi.ece@prathyusha.edu.in*

**NI LabVIEW Academy-CLUSTERS 2018 – Report**

IEEE Student branch and NI LabVIEW academy proudly organized Clusters 2018 on 07.03.18 at PEC Multipurpose hall , a national LabVIEW technical event , 72 students from various institutions were participated and shared their knowledge in multiple events. Mr. Viswanathan MD, ATS delivered the inaugural address. He presented the scope of LabVIEW and its career opportunities in various domains as ECE, EEE and MECH. He presented the CLAD certificates to certified students. 72 external participants were registered for various events. 10 papers were presented. Finally the winners were 1. SaranathanEngg. College, 2. PriyadharshiniEngg. College shared with Jaya Engineering College. Extronics – Project Expo – 9 projects were displayed, I Place : SaranathanEngg. College shared with Velammal Institute of Technology II Place : Veltech University. Finally the event was successfully completed with prize distribution and photo session.

**PSNA CET, Dindigul**

**RoboRace**

The IEEE student branch of EEE department organized an event “Robo Race” on 03rd April 2018. The event was inaugurated by Dr. V. Rajasekaran, HoD/EEE. About 10 teams from various departments participated in the event. The track was designed over a variety of terrain including grass and sand. Best Performance was given to 3 teams that consumed less time for completing the track. The winners were awarded by the IEEE SB counselor, Dr. S. Muthukumaran, Professor/EEE.

**Technical Talk**

The IEEE student Branch organized a Technical talk on Recent Trends in Energy Management System on 09.04.2018 for faculty and PG students. Dr. M. Sudhakaran, Professor/EEE, Pondicherry Engineering College, Pondicherry having rich experience in power system addressed the gathering on Recent Trends in Energy Management System. He also discussed on smart grids. Around 54 members attended and were benefitted by the technical talk.

*Dr. S. Muthukumaran, muthu2kumaran@yahoo.co.in*
RVS Technical Campus, Coimbatore
Second International conference on “Electronics, Communication and Aerospace Technology (ICECA 2018)”
The Department of Computer Science and Engineering and IEEE student branch of RVS Technical Campus organized three days “International conference on Electronics, Communication and Aerospace Technology (ICECA 2018)” during 29 to 31.03.2018. Keynote speakers were Dr.N.Mohan Kumar, Professor, Department of ECE, SKP Institute of Technology, Tiruvannamalai, India, and Dr.R.Harikumar, Professor, Department of ECE, Bannari Amman Institute of Technology, Sathyamangalam, India. A total of more than 300 participants attend the event and benefited.
Report by: Dr.S.Smys, smys375@gmail.com

Sri Sivasubramaniya Nadar College of Engineering

TPIC activities and Quality
SSN IEEE SB and the department of Electronics and Communication Engineering organized a meeting with a Prof. Launce C.C. Fung, Emeritus Professor, Chair, IEEE Technical Program Integrity Committee (TPIC), School of Engineering and IT, Murdoch University, South Street, Murdoch, WA 6149, Australia, for the IEEE sponsored conference TPIC (Technical Program Integrity Committee) activities, responsibilities and expectations on the quality publication and dos and don'ts while organising IEEE sponsored conferences.

Towards a Portable Multi-parameter Cancer Diagnostic Device
SSN IEEE SB organized a technical talk on “Towards a Portable Multi-parameter Cancer Diagnostic Device” by Dr. Hardik Pandya, Associate Professor, Department of Electronic System Engineering, Division of Electrical Sciences, Indian Institute of Science, Bangalore on 6 April, 2018 at Central Seminar Hall, SSN College of Engineering. This talk addressed 3D printing, organic electronics and micromechanical systems as required, to realize low cost novel tools to address problems in biology and medicine.
IEEE Valedictory
SSN IEEE SB organized a valedictory function for the passed out students of the academic year (2017-2018) held on 6 April, 2018. The main objective of the valedictory is to thank the seniors who had contributed for the development of IEEE Student Branch.

The annual report was proposed by Mr. Kavin D followed by Dr. T. Sree Sharmila, SSN-IEEE student branch counselor’s speech. Thanks giving speech by Abarna, 3rd year, IEEE Volunteer. The following passing out seniors shared their experiences of being a part of IEEE student branch, they are Ranjini. V, Chairperson of SSN IEEE WIE (2017-2018); Arjun. P, chairperson of IEEE Computer Society and Vice Chairperson of IEEE Student Branch; Kavin. D, chairperson of SSN IEEE Student Branch during 2017-2018. A few juniors shared their pleasant memories with others.

Sri Venkateswara College of Engineering

Circuit Based Design Competition
The IEEE student branch – SVCE, Sriperumbudur organized a circuit based design competition on 20.02.18 in the college campus. The competition had three rounds of written test, technical debate and a half-day hack-a-thon. Around 55 teams (2 members per team) took part in the event.

Workshop on “Semiconductor Nano Devices – Modeling and Fabrication”

The IEEE student branch – SVCE, Sriperumbudur along with the Department of Electrical and Electronics Engineering organized a workshop on “Semiconductor Nano Devices – Modeling and Fabrication”, from 16th to 18th – February, 2018. Around 65 participants from various academic institutions participated in the event and lectures were delivered by eminent faculty from IIT, Anna University, SVCE and SSN College of Engineering.

Dr. KR. Santha, santha@svce.ac.in
St. Xavier’s Catholic College of Engineering
How IEEE Student Branch can help its members get into a Profession?

The function formally commenced with the IEEE Code of Ethics. The Annual reports of IEEE Student Branch, IEEE WIE Student Branch Affinity Group and IEEE Education Society SBC were presented in the event. Mr. M. BalaMurugan, IEEE StB Chairman and Ms. R. Ankayarkanni, IEEE WIE SBA Chairperson shared their experiences in IEEE. Er. I. Agnes Miriam, Program Management Executive, HCL Technologies Ltd, mentioned how IEEE helps its members to build a good career. She encouraged the IEEE Volunteers to be unique and to grab all the opportunities. Dr. A. Subitha, Faculty Advisor of IEEE WIE SBA felicitated the gathering. The Correspondent Rev. Fr. Dr. M. Maria William presided over the event and released the Newsletter of the Student Branch for the academic year 2017-2018. The active IEEE Student Volunteers were appreciated and their achievements were recognized in the event. The function formally came to an end with Vote of Thanks.

The event was organized by Ms. A. P. Sudha, Joint Secretary of IEEE StB under the guidance of IEEE StB Coordinator, Prof. A. Darwin Jose Raju.

Karthika A. S., karthikaas33@gmail.com
IEEE MAS Membership details

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