

IEEE Bangalore Section Events

IEEE Bangalore Section Annual General Meeting



The IEEE Bangalore Section Annual General Meeting with 650 participants was held on 6th January 2019 at Dayanand Sagar College of Engineering. The event brought together the entire student branch chapters across Bangalore under one roof. The AGM was an opportunity to interact with other members, enrich our professional lives as well as promote your career interests, enhance our understanding of the Section and its activities. The various awards given by the Bangalore Section encouraged the student chapters to work more and get benefited from IEEE. Mr Sudeendra, Chair, summarized the year 2018 initiatives and challenges. Mr S. Rajashekhar, Secretary presented the activities report of 2018 and Ms Sadhana, Treasurer presented the finance report, which were approved by members. A cultural program was conducted in the second half.

WIE Summit at National Institute of Technology, Karnataka



NITK IEEE Student Branch organized the Women in Technology Summit, a national level three day event during 21-23 Dec 2018 under the aegis of IEEE Bangalore Section, IEEE Computer Society, IEEE IAS and IEEE Mangalore Subsection. The event was a huge success with 140+ delegates coming from eight different IEEE Sections in India. The event comprised of workshops and talks by professionals from leading companies such as Texas Instruments, Global Foundries, Intel, SAP, DELL, TCS under three different tracks, Computing, Electronics and Automation and Entrepreneurship. Over 70+ volunteers worked tirelessly and contributed for the success of this event.

Embedathon at National Institute of Technology, Karnataka

In the month of January 2019, NITK IEEE conducted NITK's first hardware hackathon, named Embedathon, a 24 hour night-long event. The event had 180+ registrations for the preliminary round which involved a written test comprising questions from electronics and basic programming. Top 10 teams were selected for the final hackathon which had to come up with a solution for the problem posed. There were multiple stages and checkpoints to cross and complete to finish the hackathon. Over 10+ volunteers stayed up all over the night to ensure successful completion of the event. The winners and runners bagged cash prize as a reward.

Workshop on Basic Electrical Engineering at Sambhram Institute of Technology, Bengaluru



IEEE SB of SaIT organized a one day workshop on Basic Electrical Engineering on 3rd Jan 2019. Dr. S. Sridhar, Prof & Head, Dept of EEE, CiTech, Bengaluru was the resource person at the workshop. The event was presided by Dr. H.G. Chandarakanth, Principal, SaIT and Dr C.V. Ravishankar, HeoD, Electronics and Communication, The event was conducted successfully with the participation of 164 students. The workshop had informative presentations covering KVL, KCL, Single phase, 3-phase motors induction motors, transformers, domestic wiring. The sessions were informative with ideas to solve the problem from the

examination point of view.

Program on Career Opportunities in Armed Forces & Drug Free India Awareness Program at Sambhram Institute of Technology, Bengaluru

IEEE SB of SaIT organized a one day programme on “Career Opportunities in Armed Forces for Technical Graduates” with Col. K A Ramachandra as the resource person. The event, attended by around 400 students provided an overview on career opportunities in armed forces for engineers. The speaker enlightened the students on deciding in their 12th grade itself to join the armed forces. During the day, the participants also supported the event “Drug Free India Live program,” organized by Art of Living to bring awareness and promote Drug free India movement.

SDP on “Recent Trends in Network Security & Cryptography” at Sambhram Institute of Technology, Bengaluru

IEEE SB of SaIT organized a SDP on “Recent Trends in Network Security & Cryptography” during 22-23 Feb 2019 with Dr. C. D. Jaidhar, Dept. of IT, NITK, Suratkal as resource person.. The event was attended by around 50 students. The technical presentations sessions on network security and cryptography were very informative and interactive. The participants also had hands-on sessions on these topics.

Workshop on “OFDM LTE Wireless Technology” at Sambhram Institute of Technology, Bengaluru



IEEE SB of SaIT organized a two-days’ workshop on “OFDM LTE Wireless Technology” with A T Kishore , Principal Consultant, Telecom, UTL Technologies as the resource person during 25-26 Feb 2019. 189 students participated in this workshop and benefited. The workshop sessions covered the advantages, channel equalization techniques, low symbol rate transmission, and its future advances.

Workshop on Introduction to Python Programming and Profile Building on LinkedIn at KLS’s GIT, Belagavi

About 50 students of 4th and 6th semester ECE participated in one day workshop on Introduction to Python Programming and Profile Building on LinkedIn on 22nd Feb 2019. The morning session was dedicated to PYTHON PROGRAMMING where introduction and few basic codes were exercised. The session included hands-on activity. In the afternoon, hands-on session was conducted on how to build an effective and attractive LinkedIn Profile. The participants witnessed the detailed demonstration using a dummy profile, learnt how the skills, academic strengths, networks and other avenues of a strong bio-data can be prepared.

Hackers Richard Zhu and Amat Cama won a Tesla Model 3 by Elon Musk-led electric carmaker and ₹25 lakh after they successfully hacked the car through its browser at hacking contest 'Pwn2Own'. They used a JIT, or just-in-time bug, in the browser renderer process to execute code on the car's firmware. Tesla will release an update to fix the vulnerability.

ICEECCOT-2018: Third IEEE INTERNATIONAL CONFERENCE on Electrical, Electronics, Communication, Computer and Optimization Techniques at GSSS Institute of Engineering & Technology for Women, Mysore



GSSS Institute of Engineering & Technology for Women, Mysore organized an International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT-2018) on 14th and 15th Dec 2018 in association with IEEE Bangalore Section.

ICEECCOT-2018 was inaugurated by the Chief Guest Dr. Shubhalaxmi Kher, Director & Associate Professor, Department of Electrical Engineering Arkansas State University, USA and Guest of Honor Dr. K.N. Bhanu Prakash, Group Leader, Signal & Image Processing Group, Agency for Science, Technology and Research (A*STAR), Singapore.

Dr. Shubhalaxmi Kher appreciated GSSSIETW for its reputation as the first women’s engineering college in Karnataka and motivated the engineers to contribute towards the society by supporting our eco-system. In her keynote address on “Smart Grid and Cyber Security”, she highlighted the scope for research in the fields of sustainable power in the future with an objective of creating a carbon free world. Dr. K.N. Bhanu Prakash said that conferences are the platforms to know about of disruptive technologies and to gain the knowledge on the required skills to cope up with these technological changes. In his keynote address on “AI in Healthcare”, he said that there is a need to handle lot of data and added that it can be done through good research.

The keynote speaker on 15th Dec was Dr. Teo Yong Meng, Professor, Dept. of CS, National University of Singapore, Singapore. The conference received scholarly papers and good participation from authors across the world including from India, USA, South Korea, Italy, Brazil, Columbia, China, Malasiya, Taiwan & United Arab Emirates.

Reports compiled and presented by: Mr. S. Rajashekhar, Rajashekhar.S@ge.com

