

IEEE Madras Section Events

Karpagam College of Engineering, Coimbatore: **International Conference on Intelligent Computing and Control**



I2C2, the International Conference on Intelligent Computing and Control was organized by Karpagam Innovation Centre with technical sponsorship of IEEE Robotics and Automation Society, Madras Chapter on 23rd and 24th Jun 2017.

Out of the 586 submissions from India, USA, Australia, New Zealand and France, 145 were accepted for presentation .

PSG College of Technology, Coimbatore : **National Conference**

IEEE CIS Madras Chapter of Madras Section and EEE Dept. organized the National Conference on Design, Testing and Applications of Embedded & Power Electronic System on 5th May 2017. The conference had six Technical Paper Sessions on themes such as VLSI & System Design, Automotive Electronics, Embedded Application, Signal and Image Processing, Power Converters, Renewable Energy and Smart Grid. 40 papers were presented in the conference, which was inaugurated by Dr. M.C. Bhuvaneshwari, HOD/EEE. Dr. P. Ganesh Kumar, AP/IT, Anna University Regional Campus, Coimbatore gave a keynote address on Machine Learning.

SCAD College of Engineering and Technology, Tirunelveli: **International Conference**



IEEE SB and CSE Dept. organized an International Conference on Trends in Electronics and Informatics on 11th and 12th May 2017. This conference was technically sponsored by IEEE Computational Intelligence Society (CIS), Madras Chapter. Dr. C. K. Ravisankar, Principal; Dr .Harold Robinson, HOD/CSE and Dr. Jeena Jacob, Assoc Prof/CSE functioned as the main conference organizers. Distinguished speakers included Mr. R. Valanarasu, Senior Consultant, Infosys; Dr. N. Balaji, Assoc Prof/IT SSN College of Engineering, Chennai and Dr. Joy Chen, Prof/EEE, Da-Yeh University, Taiwan. 231 papers were presented

in the conference. This conference also hosted an online workshop on 5G systems.

Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam : **International Conference on Computational Intelligence in Data Science**



IEEE SB, CSE Dept. in association with IEEE Madras Section organized Intl. Conf. on Computational Intelligence in Data Science during 2nd and 3rd Jun, 2017. The conf. attracted 47 participants. The distinguished speakers were Dr. Sundaram Suresh, Nanyang Technological University, Singapore; Dr . Avinash Sharma and Dr Manish Srivatsava from IIIT-Hyderabad; Dr. Matthew Chua Chin Heng, National University of Singapore and Mr. Veeraraghavan Narayanaswamy, BigTapp Pvt. Ltd, Singapore.

Surya Engineering College, Erode : **ICCMC 2017**



IEEE SB and the Dept. of EEE, organized an International Conference on Computing Methodologies and Communication (ICCMC 2017) during 18-19 Jul 2017 on the theme “Next Generation Computing” This conference was technically sponsored by Electronics Devices Society, Madras Chapter.. Out of 603 papers received, 232 papers were accepted. Dr. N. Mohan Kumar, Chairperson, IEEE EDS Madras Section and Dr. R. Harikumar, Prof/ECE, Bannari Amman Institute of Technology, Sathyamangalam were the keynote speakers.

IEEE EDS Distinguished Lecture



Dr. M. K. Radhakrishnan, Vice-President, IEEE Electron Devices Society & Founder Director, NanoRel LLP -Technical Consultants Singapore, delivered the **IEEE EDS Distinguished Lecture on “Semiconductor Device Progression and Impact on Human Thought Process”** on 13th Jul 2017. This event was organized jointly by IEEE Madras Section, IEEE EDS, IEEE CS, IEEE COMSOC and IEEE SB of Anna University, Chennai

Visit of R10 Director Dr. Kukjin Chun



Visit of R10 Director Dr. Kukjin Chun on 17th Jul 2017 to IEEE Madras Section, IEEE SB at SSN College of Engineering and meeting with IEEE Madras Section Execom members
(more photos at <https://goo.gl/tFZdCZ>)

Obituary

Er. Bhoja Shetty



Past Chairman, IEEE Madras Section
Born: 16th Aug 1925 :: Demise: 23rd June 2017

Er. Bhoja Shetty, a graduate in Electrical Engineering from College of Engineering Guindy, joined IEEE in early 1970 and was actively involved in the IEEE India Council activities. He was one of the earliest to be elevated as Senior Member. Er. Bhoja, Er. V. Srinivasan (now chairman of W.S Group), Mr. E.N. Narayananswamy (then Jt. Director of Industries) and Mr. M.V. Chauhan (Ham Veteran in India) brought IEEE to Madras. During his tenure the section membership grew from 200 to 2000.

IEEE CIS Madras Outstanding Chapter Award



At the International Joint Conference on Neural Networks held at Alaska, USA, on behalf of IEEE CIS Madras Chapter, Dr. N. Kumarappan, Chair, IEEE CIS Madras Chapter received the “Outstanding Chapter Award 2017” on 17th May 2017 for the chapter's valuable contribution towards organizing various educational activities (both in rural and urban areas) and creating awareness about the importance of joining IEEE among various students, researchers and staffs during the year 2015.

IEEE Section Congress – 2017 at Sydney



Dr. M.A. Atmanand,, primary delegate from IEEE Madras Section along with the secondary delegates Mr. H. R Mohan and Mr. A. Aravindhan at the IEEE Section Congress 2017 at Sydney, Australia. From our section, Mr. Prasanth Mohan (in the picture) and Mr. Nivas Ravichandran (not in the picture) also participated in the congress.. This congress held during 11-13, Aug 2017 attracted 1250 delegates from 165 countries. There was an exhibition with 50 exhibitors. The congress featured over 80 breakout sessions, four learning hubs and six ignite sessions featuring new initiatives of IEEE. The R10 Golden Jubilee celebration was also held on the 1st day

Lockheed Martin Award



Dr. Venkatesan, Scientist G at NIOT and Chair, IEEE OES India Chapter & MTS India Section receiving the Lockheed Martin Award for Ocean Science and Engineering Award at the OCEANS North America Conference held during September 18-21, 2017, in Anchorage, Alaska. He becomes part of a distinguished class within the MTS family as these awards continue to be the cornerstone of the Society's recognition of accomplishments, dedication and contribution to the marine industries of our members, by their peers. He is the first Indian to be honored by MTS established in 1963.

SSN College of Engineering, Kalavakkam : R10 Technology Awareness Programme



IEEE SB organized 2017 Region 10 Technology Awareness Programme on Artificial Intelligence and Machine Learning on 17th Aug, 2017. 166 students from various colleges attended the programme. The inaugural event was graced by Dr. S. Krishnakumar, Senior Technical Officer, Ministry of Defense, DRDO, Avadi; Mr. H. R. Mohan, Vice Chair, IEEE Madras Section; Mr. Aravindhan A, Teach for India Fellow & Young Professional, IEEE Computer Society and Dr. S. Salivahanan, Principal.

Other speakers included Dr. A. Shahina, Prof/ IT; Mr. Anand Tharanipathy, CEO, Codeboard Technologies; Mr. Sundarakumar, Visiting Faculty; Mr. Akshay Kumar and Mr. Mukund,, JRFs; Mr. S. Sudar Abisheck, Cloud Support Associate, Amazon; Dr. T. Sree Sharmila, SBC; Mr. Kavin D, SB Chair and Mr. Arjun P, SB. Co-chair.

Apple's ₹89,000 iPhone X costs ₹23,200 to make: Apple's most expensive phone iPhone X's base model, that is selling for ₹89,000 in India, costs the company ₹23,200 to make, according to technology intelligence firm TechInsights. iPhone X's parts cost Apple 25% more than the iPhone 8, it added. Further, iPhone X makes the company more money per phone than the iPhone 8.

Twitter increases character limit from 140 to 280: Twitter has increased the character limit from 140 to 280 for tweets in all languages where "cramming was an issue". Japanese, Chinese, and Korean languages will not receive the update as they can convey the same amount of information in lesser characters, Twitter said. This is the first time Twitter changed its character limit since it was launched in 2006.

Google to display restaurant 'wait' time in Search and Maps: Technology giant Google has announced to introduce a feature to display waiting time for around a million restaurants in Search and Maps. Users will be able to check the estimated wait time under the 'Popular Times' section of a restaurant. It will also highlight the busiest time slots during the day and the approximate time people spent waiting in queue.

IEEE OES India Chapter and MTS India Section – Ocean Technology Student Camp - 2017



National Institute of Ocean Technology (NIOT), Chennai in association with IEEE Oceanic Engineering Society (OES) India Chapter and Marine Technology Society (MTS) India Section organized the Second Ocean Technology Student Camp (OTSC 2017) on 1st Sep 2017 at National Institute of Ocean Technology Campus. More than 60 students & 15 teachers from 15 schools participated in the camp. A quiz competition on Ocean Technology was conducted for students as part of the camp in which 15 teams participated.

Dr. R.Venkatesan Project Director at NIOT, Chairman IEEE OES India Chapter & Chair MTS India Section welcomed the participants, chief guest and members. Dr. M.A. Atmanand Former Director, NIOT & Chair IEEE Madras Section and Shri HR Mohan Vice Chair, IEEE Madras Section addressed the gathering. Shri N Vedachalam Scientist from NIOT & Secretary IEEE OES India Chapter addressed the students about OTSC. Shri M. Arul Muthiah Scientist from NIOT & Treasurer IEEE OES India council introduced chief guest, Deputy Inspector General Sanjeev Dewan, TM, Command of Coast Guard District Headquarters (Tamil Nadu), to the participants. DIG Sanjeev Dewan, in his address, highlighted on the Indian Coast Guard services and responsibilities. He expressed his desire that younger generation should come forward to serve nation by joining Coast Guard. Dr. S. Ramesh Scientist from NIOT delivered vote of thanks.

In the quiz conducted by Dr. Phani Kumar V Sistla, Scientist-F, NIOT, the team from Maharishi Vidya Mandir School Chennai won the first prize, The teams from D A V Public School Velachery Chennai and PSBB Millennium School Thalambur OMR won the second and third prize respectively. A visit to Chennai port in the afternoon session was arranged for the students. The students were taken inside Chennai port and were explained about the port facilities, ship handling inside port, berthing and port related tasks. During the port visit, students were also taken to visit recently commissioned Indian Coast Guard Vessel ICGS Shaurya.

IEEE Madras Student Conference cum Paper Contest - 2017



IEEE Madras Section and IEEE SB of Sri Eshwar College of Engineering (SECE) jointly organized the 2nd IEEE Madras Student Conference cum Paper Contest -2017 (SCPC-2017) during 15-16 Sep 2017 at Sri Eshwar College of Engineering, Coimbatore.

At the inaugural session on 15th Sep 2017, held at SECE auditorium. Dr. Sudha Mohanram, Principal, Sri Eshwar college of Engineering welcomed the gathering. Mr. E.Venugopal, IEEE SBC & coordinator of IEEE MAS SCPC 2017, briefed on the Student Conference cum Paper Contest and highlighted the participation statistics. The conference was inaugurated by Mr. H. R. Mohan, Vice Chairman & Chairman, Student Activities at IEEE Madras Section and Dr. N. Kumarappan, Vice Chairman, IEEE Madras Section. Ms. K. Sridevi AP-ECE, proposed the vote of thanks.

SCPC-2017 received 106 papers from 25 colleges and universities in and around Tamilnadu, for there different tracks namely: Track 1: Electrical, Electronics and Communication Engineering, Track 2: Computing and Information Technology, and Track 3: Mechanical, Civil and other Engineering. After preliminary review, 83 papers were scrutinized further for to select 61 papers in total for presentation. Out of this 29 papers were presented in track-1, 19 papers in track-2 and 13 papers in track-3. Dr S. Koteeswaran, Co-Chair, SAC & Excecom Member, IEEE madras Section Dr.Mmalarvizhi from VelTech University and faculty members of SECE constituted the panel of judges who evaluated papers & presentations and selected the prize winners.

Techno vista - a national level technical event was also conducted during this period. On 15th Sep, workshops on DevOps, Cyber Security and Internet of Things were conducted by resource persons from industries. On 16th Sep, events such as Web Page Designing, Coding, Solar Lamp Design, Circuit Debugging, Circuit Designing, Robo Route, Robo Expo and Technical Quiz were conducted.

In valedictory session of SCPC-2017 held on 16th Sep, Mr. E.Venugopal, IEEE SBC & coordinator presented the report of the paper presentation contest and announced the winners (three in each track). Mr. H. R. Mohan, Vice Chairman & Chairman, Student Activities at IEEE Madras Section and Dr. Sudha Mohanram, Principal, SECE presented the cash prizes (Rs. 7500, Rs. 5000 & Rs. 2500 for 1st, 2nd & 3rd best papers in each track and for all three tracks) and certificate to the winners. The cash prizes were sponsored by IEEE Madras Section. The details of the papers presented by the winners are given below:

PRIZE	AMOUNT (Rs)	NAME	TITLE	COLLEGE NAME
Track 1 -- Electrical, Electronics and Communication Engineering				
1	7500	Yashmitha.K	Design of VCO for PLL using OTA	St.Joseph Engineering College, Mangalore
		Sinchana		
2	5000	Ahamed Nalibudeen.P.S	Photosynthesis based fuel cell	Jeppiar Engineering College, Chennai
3	2500	Arjun Bharath.S	Robot as a spotter hand	Sri Eshwar College of Engineering, Coimbatore.
		Nandhini.U		
Track 2 -- Computing and Information Technology				
1	7500	Sandeep Kumar.R	Facial Expression detection using neural network for customer based services	Sri Venkateswara College of Engineering, Chennai
2	5000	Santhose.V	A perspective on big-data	Sri Eshwar College of Engineering, Coimbatore.
		Vidya.M		
3	2500	Nandhakumar.S	Computational & synthetic biology interfacing devices for synthetic biotechnology	G.R.Dhamodharan College of Science, Coimbatore.
		Suresh.V		
Track 3 -- Mechanical, Civil and other Engineering				
1	7500	Kannabiran	Multi-purpose tooling machine	Sri Eshwar College of Engineering, Coimbatore.
		Jaichand		
		Ganesh Kumar		
2	5000	Deep Sundar.R	Innovative method on solar thermal Energy storage using PCM	RVS Technical Campus, Coimbatore
		Akilan.V		
3	2500	Muralidharan.R	Planetary gear bicycle	Sri Eshwar College of Engineering, Coimbatore.
		Rakesh		



The IEEE Madurai Hub Congress-2017, held at Thiagarajar College of Engineering (TCE) on 19th Aug 2017 was an initiative of IEEE Madras Section to spread the importance of IEEE and the opportunities provided by IEEE in the Madurai region

The participants of this one day event were the students, student members of IEEE and few student branch counsellors from various colleges numbering about 125 members from 13 colleges. At the inaugural session, Dr. K. Kalyani- SB Counselor, TCE welcomed the gathering and Dr. V. Abhaikumar, Principal, TCE and Chair, IEEE Microwave theory and Techniques Society, IEEE Madras section, delivered the presidential address.

Dr. M. A. Atmanand, Chair, IEEE Madras Section, Mr. H. R. Mohan, Chair, Students Activities Committee (SAC) and Vice Chair, IEEE Madras Section, Dr. S. Elangovan, Chair-SB Revamp committee and Co-Chair, IEEE Madras Section SPF, Dr.S. Rajaram, Secretary, IEEE Circuits and Systems Society and Associate Professor, Dept of ECE, TCE took part in the inaugural session along with Mr. Nivas Ravichandran, Mr. Vijay Srinivas, IEEE MAS Entrepreneurship Committee, and Mr. Aswin Vairavan, CEO, Deducely.

The hub congress sessions began with Dr. M. A. Atmanand addressing the gathering about the importance of IEEE for an engineer. In the next session Mr. H. R. Mohan highlighted the benefits of IEEE to the members, awards and grants from IEEE and the volunteering opportunities one can have with IEEE as a member. He also explained about various technical societies under IEEE Madras section and the scope of research in those areas and encouraged the participants to join in them and get technically benefited in their respective domains / specialization.

Dr. S. Elangovan, addressed the gathering on how to effectively run a student branch and keep it active to get the eligible benefits. In an interactive and thought provoking entrepreneurship session handled by Mr. Ashwin Vairavan, CEO, Deducely, he had highlighted the advantage and hurdles to be overcome to become an entrepreneur.

In an interactive networking session by Mr.Nivas Ravichandran and Mr.Vijay Srinivas, the explained the power of networking and the participants were made to get introduced with each other by means of a task. The winners were awarded with IEEE t-shirts.

In the afternoon session, student volunteers from Mepco Shlenk Engineering College, Sivakasi, KLN College of Engineering, Madurai, K. Ramakrishnan College of Engineering, Trichy and PSNA College of Engineering and Technology, Dindigul presented the work of their student branch and shared their best practices. Dr. M. A. Atmanand provided critical evaluation of their work and presentations.

In the technology update session, Dr. S. Balaji, Dept. of Chemistry, TCE explained on battery technology and the scope for research and improvements. The participants posted a number of queries and got clarified by the speaker.

In the last session by Dr. S. Rajaram, Associate Dean, Career Guidance, Dept. of English, TCE spoke on placement training and resume writing -- an important and useful topic for the students going for placement.

In the valedictory session, few students and branch counsellors provided feedback on the sessions of the hub congress and expressed their satisfaction in attending and benefited from the event. Some institutions that do not have the IEEE SB have been motivated to start the SB. Both the Chair & Vice Chair of IEEE Madras Section appreciated the IEEE SB of TCE and the volunteers for the successful conduct the IEEE Madurai Hub Congress, the first in the series of four being held in a span of two months in the Section. For more pictures pl. visit <https://goo.gl/YHeFJT>



The IEEE Chennai Hub Congress - 2017 was hosted by Hindustan University on 31st Aug 2017 & 1st Sep 2017. The chief guest at the inaugural function was Dr. Kallol Roy, Chairman, & Managing Director–BHAVINI, IGCAR, Kalpakkam and Mr. H.R Mohan, IEEE Vice Chairman, was the guest of honour. Dr. Uppu Ramachandraiah, Professor & HoD/EEE welcomed the guests and the participants of the congress and traced the initiatives of HITS in fostering the spirit of research and innovation among the students through various technical associations such as IEEE and appealed the participants to learn from the congress sessions to the best possible extent. Dr. R. Devanathan, Professor Emeritus, Dept. of EEE, delivered the felicitation address in which he emphasized the importance of participation by students in professional bodies like IEEE and advised the participants to network with the other participants and experts invited and pursue socially relevant projects.

Delivering the special address, Dr. N. Vasudevan, Dean (Academics), HITS, emphasized the importance of acquiring skills relevant to industry needs and advised the young engineers to build skills that are relevant to industry and be strong enough in basic concepts. Based on several research reports and surveys, he called for the attention of the active collaboration of professional bodies, industry and academia to empower the young engineers with industry relevant skills. Dr. A K Parvathy, Professor, Dept. of EEE, introduced the Chief Guest Dr. Kallol Roy. She invited the attention of participants to the excellence and eminence of Dr.Kallol Roy which is an inspiration to all young engineers.

Dr. Kallol Roy, Chairman, & Managing Director–BHAVINI, IGCAR, Kalpakkam, in his key note address, encouraged the students to experiment and learn. He said the eco-system for innovation and entrepreneurship is ripe in our country and it is essential for the young engineers to step forward and utilize the opportunity. He appealed the young engineers to be entrepreneurial and create products with relevance to market.

Mr. H. R. Mohan, Vice Chair, IEEE, gave a detailed overview of the different services offered by IEEE to its members. He provided insights into how IEEE opens the door to opportunities that will help young engineers to develop their professional identity in IEEE's designated fields of interest: sciences, technology, engineering, and mathematics (STEM). In addition to accessing a range of membership benefits, he said the members can get global connections with people who shall help them along their targeted career path through IEEE's international community of members and volunteers. He gave a detailed description of different schemes available under the IEEE and advised the student members to utilize the opportunities provided by IEEE.

About 150 participants comprising of IEEE student members from Hindustan University and HITS faculty members external college participants were present at the inaugural session.

In an interactive session, Mr. Aravindan Anabazhagan, Chair, Student Activities Committee, IEEE Computer Society India Council, explained in detail about the student activities in IEEE. He emphasized that the SAC is the IEEE committee responsible for student programs and benefits and making recommendations to the Member and Geographic Activities (MGA) board. These volunteer members provide important viewpoints and information and represent the voice of the over 100,000 IEEE Student and Graduate Student members worldwide. He quoted several examples and success stories of student branches, which inspired the members and participants in a big way.

Mr. Aneesh Rajeev of IEEE SIGHT Project at Sirumalai Hills, gave an interesting insight into the project which brought together the young engineers, NGO, tribal people and a MNC company to resolve the electrification issue of the village.

Being a tribal village, the place had limited access to electricity. Under the IEEE SIGHT project the village has been provided with CFL bulbs. It was an informative session how networking has to be done with different stakeholders to solve a real-life problem.

Mr. Abhishek Iyer, IEEE Computer Society Volunteer, presented his experiences as a volunteer of the IEEE computer society and how a small step and enthusiasm can open up new opportunities. He described the steps that he and his team took up to achieve successes in their multifarious projects.

Mr. Eugene Kingsley, Young Professional, gave a lot of insights into how a potential idea can be developed into a business and taken to market. He spoke about how an active IEEE student hub can promote the spirit of innovation among the young engineers.

Mr. Premachandran, Pan IIT Alumni Leadership Series Core Committee member described several methods and self-reflection questions to consider for the success of the need for empathetic innovation and focusing innovation to the market needs. He emphasized the need to adopt the Design Thinking methodology to solve problems. He also insisted upon application oriented learning which will strengthen the basics of an engineer which is a key to innovation. He also appealed to the participants to try making products which are relevant to market requirements.

The Day 2 of the IEEE Madras Section Student Hub Congress began with the session by Dr. E. Bhaskaran, Deputy Director, EDI, Government of TN, who briefed the students on the support schemes for technopreneurs offered by the Tamil Nadu Government. He gave a detailed account of the MSME scenario, role of different agencies, important schemes like PMGSY, NEEDS, etc. He also gave information about the cluster development initiatives, different subsidy linked schemes and special schemes for women entrepreneurs.

In innovative Idea Box contest for which seven teams had registered on the first day, the contestants made their presentations to Mr. Dorai Thodla, Chief Mentor, HTBI & HEIC. Each team was given three minutes to present their idea and two minutes for Q&A. It was a racy experience in which the teams brought out their best pitch to impress the expert. At the end Mr. Dorai gave them the feedback and tips on how to prepare for an elevator pitch which is very important for raising money from investors. He advised them on how to plan such presentations and highlighting “Dos” & “Don’ts” in such pitching sessions. The session was well received by all.

Mr. Harish S, Co-Founder, Infinite Engineers, described about the interesting venture of Infinite Engineers, which provides the school kids with a Hands-On Experiential exposure that helps in triggering the Child’s thinking, to ask innovative questions, learn challenging concepts easily and retain and apply it in real life situations. Students are provided with Kit Boxes called the “Dexter Box” to “Do and Learn” to create an enhanced learning experience. The Box has been designed to make the learning experiences long lasting and memorable. An opportunity for the students to explore science is the key to this approach. The Kits are mapped to the CBSE and TN-Samacheer syllabus. The teachers can easily integrate it with their lesson plans. Mr. Harish described the complete process of the enterprise promotion from ideation stage to testing and commercialization, which was well received.

Mr. Thirukumaran Saravanan, Co Founder & Head of Operations, MetaVRse Technologies, described about the venture MetaVRse, which is a collective virtual shared space, including the sum of all virtual worlds, augmented reality, and the internet. The startup has successfully roped in major MNCs as its clients. He appealed to young engineers to explore the real industry problems, as they give an opportunity to create solutions which are interdisciplinary in nature.

M. K. Badri Narayanan, Prof MBA & Coordinator, HTBI&HEIC, gave an orientation to the participants on the Business Model Canvas, which is a strategic tool to analyse a business idea from the different dimensions.

The IEEE Student participants from various institutions like Satyabhama University, Panimalar and M.N.M Jain College presented about their respective IEEE branches and activities that are conducted in their institutions. Chairman of IEEE Student Branch – Hindustan University Mr. Praveen Tanda presented the IEEE activities of the University citing the no. of student branch chapters and activities that had taken place under the societies.

The Hub Congress ended with Valedictory Session with Dr. M. A. Atmanand, Chairman, IEEE Madras Section, Scientist-G & Former Director of NIOT as the Chief Guest. In his address Dr. Atmanand appealed the participants to work with zeal and make the best use of the opportunities provided by IEEE to prosper in their engineering career. The external participants expressed their happiness and usefulness of the sessions in the feedback session. The participants were distributed with certificates by Dr. Atmanand and Mr. H.R. Mohan. Mrs. M. Maheswari, Assistant Professor, EEE & IEEE SB Counselor, proposed the vote of thanks. Overall the programme achieved its objective of inspiring the young IEEE members to make their learning process more meaningful and socially relevant. More pictures at <https://goo.gl/N8rcmV>



The IEEE MAS sponsored two-days IEEE Coimbatore Hub Congress-2017 was hosted by The IEEE Student Branch at Knowledge Institute of Technology, Salem during 8-9 Sep 2017. The congress attracted 208 participants with over 50 coming from various nearby institutions of which few of them are not having IEEE student branches.

On first day, in the inaugural session, Dr. P.S.S. Srinivasan, Principal, KIOT, in his presidential address stressed the need for entrepreneurship in the changing job scenario. Mr. H.R. Mohan, Vice Chair, IEEE Madras Section and Chair, Student Activities briefed on the initiatives of IEEE Madras Section in bringing together members and creating opportunities for networking, sharing of experiences and best practices and creating awareness on IEEE and its benefits through hub congress in different centers. He added that the Coimbatore Hub Congress is the third of the four hub congresses being held in 2017. In the first session of the congress, the resource person Mr.H.R.Mohan, Vice-chair-IEEE MAS Section, Vice Chair, Prof. Activities, IEEE IC, Chair-Student Activities, Chair- IEEE PCS, IEEE Madras, Chennai provided an overview on IEEE MAS Section and Student Activities. Dr. S. Elangovan, Chair, Revamping & Co-chair Student Project Funding, IEEE MAS Section, Professor & Head, Dept. of EEE, Jansons Institute of Technology, Coimbatore took a session highlighting on IEEE Awards, Grants, Societies, Volunteering Opportunities. Dr. P. Rajendran, Director-Placement, Knowledge Institute of Technology explained on Internship Experiences and Interview Preparation. Dr. M. THANGAVEL, Director-Training, Knowledge Institute of Technology gave valuable input on preparing students for Career: Step 1-Resume Preparation.

On the second second day, Mr. G. Barath Vignesh, Alumnus of KIOT and former IEEE student member and currently Software Engineer, IVTL Infoview Technologies Pvt. Ltd, Chennai discussed on Future Directions in Technology. Mr. Karthik Raja Karan, Founder/CEO, Madique Technologies, Salem presented on "Startup Village - Student Entrepreneurship". Dr. K. Visagavel, Chief-Coordinator, Entrepreneurship Development Cell, Vice Principal, KIOT shared his experience and various initiatives relating to Entrepreneurship development in KIOT. Mr. A. Gowthaman, IEEE-SB Chairman & EDC Student Coordinator, KIOT, in his session, discussed on opportunities available for Student Entrepreneurs. In valedictory function, certificates to participants were distributed by Dr. N. Santhiyakumari, IEEE-SB Counselor/KIOT. The hub congress events were coordinated by a host of volunteers under the guidance of Mr. M. Bharanidharan, IEEE SB In charge at KIOT. More pictures at <https://goo.gl/oD2gOe>

Robots complete 2-hour task in 5 min at online grocer Ocado: UK-based online grocer Ocado has used a fleet of 1,000 robots to complete a task in 5 minutes, while a similar task took around two hours to complete earlier. Moving at 4 metres per second, the robots are controlled by software that knows which items are needed at any given time. Reportedly, the automation helps cut wastage and predict demand.

Choices people make in 2017 will define 2040: Microsoft CEO: Technology giant Microsoft's India-born CEO Satya Nadella has said that the choices that people make in 2017 will define what happens in 2040. Speaking at a recent event about artificial intelligence (AI), he also said that societies are path-dependent and "AI can empower us depending on the choices we make as designers of AI."

Japan grants residency to AI bot resembling 7-year-old boy: An artificial intelligence bot resembling a seven-year-old boy was on Saturday granted official residency of Japan. The virtually existing boy named Shibuya Mirai, developed jointly by Microsoft, has become Japan's first AI bot to be granted a residency. Shibuya, supposed to be a first grader at an elementary school, can have text conversations with humans on the LINE messaging app.

Apple to hire from an Indian College, reportedly the first time, from the International Institute of Information Technology Hyderabad (IIIT-H) this year.