

Hyderabad Section Events

Meeting of IEEE Hyderabad Section Executive committee with Dr. Kukjin Chun, Director, IEEE Region 10



The IEEE Hyderabad Section organised a special execom meeting to welcome Dr. Kukjin Chun, Director, R10 to Hyderabad on 18 July from 6.30 p.m. to 9.30 p.m. in Hotel Plaza at Begumpet. In spite of the bad weather, a large number of section execom members including past chairs of the section were present. The meeting started with Dr. M. Lakshminaryana welcoming the Dr. Chun and all SEC members with a brief presentation on history and activities of Hyderabad section.

Dr. Chun appreciated the active role of Hyderabad section at the R10 level and mentioned that R10 is spread over 22 countries with 57 sections and 26 subsections. He communicated that in a recent decision of R10 each subsection should demonstrate a threefold increase in membership and activities. He also expressed his concern that memberships in India are decreasing and that out of 1400 student branches only very few are active and as many as 400 has zero members.

An important point reiterated by Dr. Kukjin was that IEEE started with members from the Industry but in Asia Pacific region it is academically oriented. In its efforts to have improved industry participation IEEE is planning to have a new membership level between SMIEEE and FIEEE which would be that of an Industry member.

He also discussed about the MGA – STA initiative and encouraged the section to host more conferences to cater to local members without compromising on the quality. Dr. Kujin mentioned about two new initiatives of Future Directions committee at the IEEE headquarter level which is the Ethically Aligned Design(EAD) and Global public policy Initiative(GPPI). He appreciated the efforts of Dr. V. P. Kodali in preparing a book on the 50 years of history of Region 10 which is to be released during sections congress to be held at Sydney Australia. The meeting ended with a networking dinner hosted by Hyderabad section in honour of the R10 Director.

Scientists print washable, stretchy electronics onto fabric: A Cambridge University-led research has successfully incorporated washable, stretchable and breathable electronic circuits into fabric. The textile electronic devices are based on low-cost, sustainable printing of inks based on graphene, a 2D form of carbon. The fabrics developed are comfortable to wear and can survive up to 20 cycles in a typical washing machine, said researchers.

I have feelings like everyone: World's 1st robot citizen: The world's first robot to receive a citizenship, Sophia, during a recent interview said that she has feelings like everyone else. Sophia also said that she does not like the way robots are portrayed in the films. The humanoid added that it might be helpful to think of her as a "new animal species"

CAS Membership Development workshop on Internet of Things



The CAS/EDS Chapter of IEEE Hyderabad Section organised a three day CASS Membership Development Workshop on Internet of Things in collaboration with ECE Dept. of Muffakham Jah College of Engineering and Technology.

Internet of Things is the next big technology wave in the Electronics world and it is very important for every engineering faculty and student to keep themselves abreast with this new technology.

This three day workshop was organised during 26-28 August 2017 and was sponsored by IEEE CASS HQ with a funding of USD 2000 under the CASS Outreach Program. 21 teams of three students each from across states of Telangana and AP participated in this workshop.

Dr. Mohammed Arifuddin Sohel, Professor and Head ECE Dept and the workshop coordinator welcomed the gathering and informed that this workshop is being organised to spread the knowledge about IoT to the engineering college students from rural areas. Each participating team was presented with a take away IoT kit at the end of the workshop.

63 IEEE student members, who participated in the workshop, performed nine experiments based on NODEMCU IoT kit during the first two days. On the final day of the workshop, an innovative idea design contest was organised and each team presented their ideas for tackling local problems using the concepts of IoT. Dr. M. Lakshminarayana, Chair of IEEE Hyderabad Section, the chief guest at the inaugural session, stressed that gaining deep knowledge of the subject is the need of the hour. Many senior IEEE members from IEEE Hyderabad Section attended the inaugural session and applauded the efforts of CASS chapter.

Janab Zafar Javed, Hon. Secretary, SUES appreciated the IEEE Hyderabad Section for its mission of knowledge dissemination and offered full support for all activities that will improve the employability quotient of engineers. Dr. Kaleem Fatima, Professor, ECE Dept. mentioned that a team of IEEE volunteers comprising of Prof. Atul Negi, Prof. P.A. Govindacharyulu and Prof. Arif Sohel and two students is travelling to Indonesia to conduct a similar workshop at ITENAS, Bandung, Indonesia from October 9-13, 2017, for which an amount of USD 4300 has been approved by IEEE CAS Headquarters under its outreach program.

Bengaluru most conducive for digital transformation: Bengaluru has topped the list of global cities with the most conducive environment for digital transformation, beating cities like London, San Francisco, and Beijing, a report by Economist Intelligence Unit has said. The report, which was released on Tuesday, found that despite infrastructure deficit, pollution, and poverty, Indian cities were ranked highly in terms of digital transformation.

App to remind old people of medicine schedules developed: Mobile app called 'Dawai Dost' has been developed by 17-year-old Aryaman Kunzru that reminds old people of their medicine schedules. The app gives reminders through voice notifications and also gives audio tutorials. It allows users to either take a photo of the medicine or feed its name manually and set an alarm for when the medicines are to be consumed.

Woman develops 'Sorry' app for users to send apologies: Former cable news anchor Greta Van Susteren has developed an app called 'Sorry' to allow users to send apologies. The app will let users accept or reject an apology sent by other users which will be kept private between the two. However, apologies of public figures will be visible to all users, who can then accept or reject them.