From the desk of ECC

My dear esteemed Members,

October-December or the last issue of e-newsletter for the calendar year 2017 is being issued now, with news and views for your consumption. Besides these, regular features, like, up-to-date list of approved conferences under IEEE Delhi Section as held in 2017 and to be held in 2018, Membership Statistics, etc. too find place. At the same time opportunity with the late edition goes reminding you of the Section Annual General Meeting (AGM) on next Sunday, February 04, 2018 at India International Center (Annexe), Max Mueller Marg, New Delhi with starting to assemble at 9:30 am.

With best regards and wishes,

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
January 31, 2018 (*Wednesday*)
E-mail: ieeedelhi@ieee.org
Web-site: www.ewh.ieee.org/r10/delhi

Schedule of Lecture(s)

Surf IEEE vTools Meeting System (https://meetings.vtools.ieee.org/main), then login with User Name and Password, and View Existing Meetings / View Published Meetings (https://meetings.vtools.ieee.org/meeting_view/list) for the Upcoming Meetings in respect of IEEE Delhi Section and its Society Chapters / Affinity Groups.

List of IEEE Conferences in the geographic area covered by the IEEE Delhi Section

(http://ewh.ieee.org/r10/delhi/event.html)

Conferences held in the year 2017 are as under:

11th INDIACom i.e. INDIACom – 2017; 2017 4th International Conference on Computing for Sustainable Global Development (INDIACom) (http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=40353) organized by BVICAM, A-4 Paschim Vihar, New Delhi from March 1 to 3, 2017 (http://bvicam.ac.in/indiacom/)

2017 International Conference on Computer, Communications and Electronics (Comptelix) (http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=40618) organized at Manipal University, Jaipur, Rajasthan from July 1 to 2, 2017 (http://irisworld.org/wp/international-conference/comptelix-2017/)

4-th International Conference on Signal Processing, Computing and Control (ISPCC 2017) (http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=40546) organized at Jaypee University of Information Technology, Waknaghat, Solan, H.P., India from September 21 to 23, 2017 (http://www.juit.ac.in/ispcc_2017/)

2017 International Conference on Computing and Communication Technologies for Smart Nation (IC3TSN) (http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=41784) organized by Department of Computer Science and Engineering, School of Engineering, GD Goenka University, Sohna Gurgaon, Haryana, India from October 12 to 14, 2017 (www.ic3tsn-conference.org)

2017 3rd International Conference on Condition Assessment Techniques in Electrical Systems (CATCON) (http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=41724) organized by Indian Institute of Technology Ropar, Punjab, India from November 16 to 18, 2017 (www.iitrpr.ac.in/CATCON2017/)

2017 Fourth International Conference on Image Information Processing (ICIIP -2017) (http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=41247) organized by Jaypee University of Information Technology (JUIT), Solan, Himachal Pradesh, India from December 21 to 23, 2017 (www.juit.ac.in/iciip_2017/)

Conferences to go in 2018:

2018 IEEMA Engineer Infinite Conference (eTechNxT) (http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=42767) being organized by IEEMA at India Exposition Mart Ltd, Greater Noida, Delhi NCR, India during March 13-14, 2018 (http://sites.ieee.org/engineer-infinite2018/)

2018 5th International Conference on Computing for Sustainable Global Development (INDIACom) (http://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=42835) being organized by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, India from March 14 to 16, 2018 (http://bvicam.ac.in/indiacom/)

First International Conference on Secure Cyber Computing and Communications (ICSCCC) (https://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=44003) being organized by the Department of

CSE, Dr B R Ambedkar National Institute of Technology, Jalandhar, Pb, India from October 11 to 13, 2018 (http://www.nitj.ac.in/icsccc2018/)

6th edition of international conference on Wireless Networks & Embedded Systems (WECON 2018) (https://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=44297)

being organized by Chitkara University Campus (25 Km from Chandigarh), India during November 16-17, 2018 (www.chitkara.edu.in/wecon)

3rd International Conference on Recent Advances and Innovations-ICRAIE-2018 (https://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=43534) being organized by Poornima University, Poornima College of Engineering and Malviya National Institute of Technology (MNIT), Jaipur, Rajasthan, India November 22 to 25, 2018 (http://icraie.poornima.org/)

IICPE 2018 (8th in the series) (https://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=43552) being organized by Malviya National Institute of Technology (MNIT), Jaipur, Rajasthan, India from December 13 to 15, 2018 (https://sites.google.com/mnit.ac.in/iicpe-2018/home)

Fifth International Conference on Parallel Distributed and Grid Computing (PDGC-2018) (https://www.ieee.org/conferences_events/conferences/conferencedetails/index.html?Conf_ID=44302) being organized by the Department of CSE & IT, Jaypee University of IT, Waknaghat, Solan, H.P., India from December 20 to 22, 2018 (http://www.juit.ac.in/pdgc-2018/index1.php)

IEEE Delhi Section has also approved the following Conferences which are still to be in the IEEE Conference-site due to lack of application and / or processing thereof.

2nd International Conference on Computer, Communications and Electronics (Comptelix 2018) being organized at Malaviya National Institute of Technology Jaipur, Rajasthan, India during August 18-19, 2018 (http://irisworld.org/wp/international-conference/comptelix-2018/)

2018 2nd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2018) being organizedat Delhi Technological University (DTU), Delhi, India from October 22 to 24, 2018 (https://www.icpeices2018.com/)

Congratulations 2017 EDS Region 10 Chapter of the Year Award

November 13, 2017

Professor Sneha Kabra
IEEE ED Delhi Chapter

Prof. Kabra:
I am pleased to inform you that the IEEE ED Delhi Chapter has been selected as the 2017 recipient of the IEEE Electron Devices Society Region 10 Chapter of the Year Award. This award is intended to recognize the quality and quantity of the activities and programs implemented by the Region 10 chapters during the prior July 1st – June 30th period.
As a token of our appreciation, a plaque and check for $500 will be presented during the EDS Governance meeting at the Awards Dinner or chapter meeting of your choice. Please note that the EDS Governance meeting series will be held in conjunction with the IEDM in San Francisco, CA on December 3rd. If you would like your award recognized at this event, we will be having the EDS Awards Ceremony at 7:00 p.m. on Sunday, December 3rd, at the Hilton San Francisco Union Square in San Francisco, CA. I hope you or a representative from your chapter will be able to attend and accept the award in person.
Please note that EDS will not be providing travel funding to attend the award presentation. If the chapter does not have the funds for travel to the IEDM, we ask that the presentation take place within your Region at a chapter or other EDS sponsored event. We will be happy to have an EDS officer present the award via Web-ex or Skype if one cannot attend in person. Please inform Laura Riello of the EDS Executive Office at your earliest convenience whether or not you would prefer to have your award presented at the EDS Awards Ceremony or another EDS chapter meeting/sponsored event.

Sincerely,

Samar Saha
IEEE EDS President

World Environment Day celebrated at Select City Walk 5th JUNE 2017

World Environment Day is celebrated on 5th June every year and is the United Nation's principle vehicle for encouraging worldwide awareness and action for the protection of our environment.

Recently an event was conducted by IEEE Delhi Section SIGHT and HTC regarding the same in Select City Walk Mall, New Delhi.

This celebration was done in an unparalleled way like the Tulsi (Basil) plants were distributed to the visitors. A type of awareness was tried to spread among people for the sake of protecting our own environment. Plantation of trees was also done in the garden of mall and the children were very excited while joining their hands for such a great cause.

All the visitors and the management team of the event were overwhelmed to experience a new thing and, learning from this event, they took a pledge to stop polluting our environment and save our Mother Earth. In addition to this, they learnt that any harm to the environment will be an injustice for their own future generations.

Mr. Ravindra Joshi, Chair, IEEE Delhi Section SIGHT & HTC was himself found volunteering full day along with other IEEE volunteers to spread awareness about tree plantation by one and all.

These kind of events and efforts are a soul touching experience and it is the need of the hour to get united for protecting the environment.

IEEE Delhi SIGHT Village Event-Solar Skill Development Cum Awareness Event
Visit To Girdharpur and Bhatiyana Villages on Wednesday, 4th October 2017
Organized by IEEE Delhi SIGHT and HTC in Collaboration with UNIC

In line with IEEE vision of penetration of technology across humanity, it was decided by IEEE Delhi Section Executive Committee that Delhi Section SIGHT organize a visit to Village which is deprived of technological progress available to urban areas. The visit was organized in collaboration with UNIC.
Team of 10 young Volunteers lead by Mr. Ravindra Joshi, Chair, IEEE Delhi Section SIGHT & HTC visited 2 villages Girdharpur and Bhatiyana near Hapur district, NCT, Uttar Pradesh with a goal of understanding challenges faced by rural communities of India. And with no doubt, team could get a clear insight into the real-daily life problems faced by the rural community. Under the sole guidance of Mr. Vijay Singh Rawat (Close relative of the village Sarpanch) team

could explore and understand the life of the people living in both villages. According to the on-ground research, team could highlight certain basic problems such as

- Energy supply
- Resources available to the farmers
- Health and sanitation
- Women education

To give a brief view on above stated problems, below are a few scenarios that were observed during the visit

Scenario 1:
Irregular energy supplies with poor

maintenance services hamper the overall growth of the community. Villagers steal electricity from main lines which is extremely risky and increases the load on transformers making the devices trip and thus creating unnecessary power outages.

Scenario 2:
Lack of awareness and unorganized brokers in market make the lives of farmers miserable by making it hard for farmers to sell the crops at good prices which they deserve. Also, due to lack of cold storages or very expensive cold storages the access to such resources becomes limited and thus lot of wastage and no control in the market over prices.

Scenario 3:
Women carry out all the household work in the village from very young age of 12-14

years and thus are restricted from going to schools or colleges even though there are government educational institutions set up in the district.

After a great interactive session with villagers about their lives and daily routines, the team conducted a quick quiz with all the children in the village with the perspective of making them aware of the green and sustainable energy future. There were 50 odd kids who won the goodies and gifts. Hand operated torches were also distributed to children, elders and all others who were present.

A great insightful session gave better understanding of challenges faced by villagers and thus enabling us to come up with solutions that really caters their current needs.

Some Other Notable Observations were:

1. Earlier electricity available for 5 to 6 hrs which has now improved to about 18 hrs a day.
2. Earlier and even now electricity is charged at fixed rate, but now meter installation has started.
3. A family said electricity is important for TV and not for anything else.
4. Few Solar streel lights were installed in village.
5. Some senior school children said it is now very convenient to study since electricity is available for more hours.
6. Some women said they are feeling safer with more hours of availability of electricity and installation of street lights at few places.

In the end it was a very fruitful day for all volunteers with lot of learnings and it was decided to repeat this again.

Delhi Pollution-We need Some Quick Innovative Action
The event held on Tuesday, 12 Dec 2017 at UN Conference Hall

The level of pollution is increasing day by day in India and other countries. The situation is more awful in Delhi/NCR. Recently pollution levels went up so high

that Delhi life almost came to a stop. We cannot sit and watch, we have to come out with something innovative to make a change. UN also has been making efforts in this direction IEEE has a punch line itself saying "Advancing Technology for Humanity". To have a small contribution as to what can be done to deal with this problem, IEEE Delhi Section SIGHT & HTC organized this event in collaboration with UN. The following problems and solutions were the theme of debate cum brainstorming style event:

- What are the key pollution contributors?
- Who is responsible for key pollutors?
- Who should pay for the costs of pollution and impact on health of children?
- How often should nations check and reassess their emission reductions?
- Who should make sure Delhi meet their pollutant source reduction goals?

The event was organized to have deliberations in small teams formed out of volunteers from IEEE, students and members from sponsoring organization etc. The volunteers were from different age groups and were a good gender mix. The take away of event is a document highlighting what should be the Action Plan to partly mitigate the pollution issue.

The event started at 9:30am with the registrations of the participants and was concluded by 6:00 pm.

Highlights of the Event

1. The program saw participation of 12 IEEE members, including 4 female and 8 School students from different schools. All the participants were divided in a team of 2-3 members each which made a total of 7 teams.

2. Beginning with the event, Mr. Ravindra Joshi, Chairperson IEEE Delhi SIGHT of IEEE Delhi Section, along with Mr. Rajiv Chandran, National Information Officer, UNIC, briefed about the pollution crossing all limits in Delhi recently.

3. Mr. Ravindra Joshi focused on current levels of PM2.5 concentrations of 153 micro grams and PM10 concentrations of 286 micro grams which is way above permissible levels. He said tackling environmental pollution, such as the haze that has enveloped Delhi, calls for an holistic approach such as we get into root causes of

pollution and then look for suitable action plan to mitigate the same.

4. Mr. Rajeev Chandran said we all have to be disciplined and contribute by small small actions. He motivated youth to generate out of box ideas.

All volunteers were divided in teams. For 4 hours each team was brainstorming on different ideas and options.

Following were the noteworthy ideas generated by teams:

1. Farmers (stubble burning) and plant emissions to be streamlined such that farmers alone should not be blamed for that.
2. Reducing the volume of cars in the streets
3. Improve the quality of cars, whether they have catalytic converters. Catalytic converters work by chemically converting

emissions to less harmful substances.
4. The construction debris management to be proper

In the end all youngsters were urged to play a greater role as "Environment Ambassadors" by encouraging all their fellows whether in schools or colleges or offices to be individually responsible for their actions. We all have to spread good practices.

The jury panel included of following judged the ideas and recommended the winner:

Mr. Ravindra Joshi, Chairperson IEEE Delhi SIGHT, Treasurer IEEE Delhi Section Executive Committee.
Ms. Divya Rajput, Advisor, IIM Lucknow Incubator and Technology Development Board

The prize distribution ceremony was held after an evening Tea break and the best presentation was rewarded with prizes from UNIC and certificates. Certificate of participation was provided to all the participants.

The event resulted in motivating and enlightening 25 future leaders on the topic of "Pollution" which would finally lead to creating awareness for many more as a multiplier effect.

**Extracts from
SC-WEB-MGMT-NEWSLETTER] IEEE
WEB MANAGEMENT NEWSLETTER
October 2017**
(*as received on Oct 26, 2017*)

Putting our best brand forward

Each day, people across the globe attend IEEE conferences, read IEEE publications, and interact with IEEE to bring about technological innovation and excellence. Employees and volunteers play an important role as brand ambassadors, presenting the IEEE brand in a strong, consistent, and unified way. This is done through with every point of interaction a person has with IEEE.
All of these touch points – be they large or small – should be an authentic reflection of who we are and what we value. To help employees, volunteers, and vendors in this endeavor, the recently launched IEEE Brand Experience website offers many tools and resources. As a part of this, the IEEE Brand Identity Guidelines, have also been updated to include the following:

- Understanding the brand family

- For the first time ever, sub-brand guidance on everything from IEEE products and services, to affinity groups, conferences, Standards groups, Societies, Councils,

Regions, Sections, Student Branches, and Chapters

- Better visual representations of intended brand usage and what to avoid

- New expanded color palette

- Broader font options

Guidance on how to represent the brand in non-traditional formats, including social and multimedia
The identity guidelines have been streamlined and consolidated and are now presented in an interactive PDF that allows users to get the information they need more quickly with tabs and sections that are easy to find and navigate.

- View a tour of the interactive PDF version of the IEEE Brand Guidelines.

- Use the IEEE Brand Inquiries Form for any questions about the IEEE Brand.

Is your website mobile-friendly? Take the free Google test and win a consultation with the Digital & Creative Innovations Team!

Google offers great tools for webmasters and their Mobile-Friendly Test is just one of their many effective site maintenance tools. This tool is dedicated to pinpointing issues within your site on mobile. Once the test runs you will either pass or fail as a mobile-friendly site. Google offers tips and tools for page elements that could use improvement. It is not a comprehensive resource for

responsive site testing but since Google ranks content in search results based on mobile-friendliness, this is one way to keep your site in check!

Test your site for free, now!

Win a consultation with the Digital & Creative Innovations Team! The first 3 site managers or webmasters to complete the Google mobile-friendly test and submit their results via this online form, will get a full IEEE site review, a SEO review, and an accessibility review.

Are you cloning apps? Apple says, "Don't do that!".

Recent articles from TechCrunch and Associations Now outline that Apple has long prevented the creation of cloned apps that simply bank on revenue and publicity of new legitimate apps. The articles go into details on Apple's stance on duplicate and spam apps and its recent cleanup of the App Store to remove the outliers.

- Read the full article from Associations Now.

- Read the full article from TechCrunch.

- View recent IEEE mobile app releases

Recent website launches - IEEE-Eta Kappa Nu (IEEE-HKN)

 IEEE Eta Kappa Nu

Site: IEEE-Eta Kappa Nu (IEEE-HKN)
URL: https://hkn.ieee.org
Launch date: 19 October 2017
Site purpose: The new IEEE-HKN website includes updated and intuitive features including blogs, forums and Chapter-micro pages enabling Chapters to communicate, show their efforts and achievements and grow as a community. New graphics bring the IEEE-HKN experience into the 21st century, and a wiki allows Chapters and volunteers to submit and maintain best practices and other core documents. Contact: Aaron Novelle

Spread the word

Do you know of other IEEE Web management associates who might benefit from this newsletter? Have them send an email to web-publishers-feedback@ieee.org asking to be added to our mailing list.

Extracts from
IEEE TA Spotlight - 4th Qtr 2017
(*as received on Dec 8, 2017*)

 Message from the 2017 Technical Activities VP
Marina Ruggieri discusses how her vision for Technical Activities has progressed throughout her term as Vice President, and reflects on the

accomplishments of Technical Activities in 2017.
Read more and tell us what you think!

Did You Know?

Are you in the loop? In this section, we highlight upcoming technical activities, resources, and hot topics.
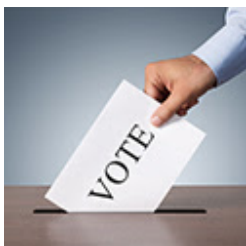Read more and tell us what you think!

Signal Processing Rockstars Imagine the Future

The 2017 Signal Processing Cup champions built their own band member, a robotic drum kit that uses signal processing. The group, Beats on the Barbie, won the competition by implementing a real-time beat tracker on an embedded platform and demonstrating it with a creative output. We spoke with band members Jeremy Bell, Angus Keatinge, and James Wagner about the technology behind their drum kit and what it's like to be a rockstar.
Read more and tell us what you think!

Engineering Verifiable Elections

In light of recent election count controversy, how can we ensure that our voting systems are accurate? Ronald L. Rivest and Philip B. Stark discuss the need for verifiable elections, which require voter-verifiable paper ballots that can be manually inspected.
Read more and tell us what you think!

IEEE MOVEs Technology into Action for Disaster Relief

IEEE Members use their skills to aid recovery efforts though the IEEE MOVE Community Outreach. This mobile emergency relief program assists victims of natural disasters with short-term power, communications, and computer solutions.
Read more and tell us what you think!

FREE Magazine Articles

- "Robotics in Power Systems"
  IEEE Industrial Electronics
- "Object Detection and Recognition for Assistive Robots"
  IEEE Robotics & Automation
- "Robird: A Robotic Bird of Prey"
  IEEE Robotics & Automation
- "Roach Biobots: Toward Reliability and Optimization of Control"
  IEEE Pulse

These magazine articles on new applications of robotics provided courtesy of

- IEEE Engineering in Medicine and Biology Society
- IEEE Industrial Electronics Society
- IEEE Robotics and Automation Society

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE

IEEE Delhi Section has as per **latest (December 2017)** statistics 4**373 active Members** (*excluding Society Affiliates*), consisting of **0 Honorary Member, 6 Life Fellow, 8 Fellow, 33 Life Senior, 278 Senior Member, 5 Life Member, 1340 Member, 52 Associate Member, 639 Graduate Student Member, 2012 Student Member.**