vol 18 no 01-03
January-March 2018

From the desk of ECC

My dear esteemed Members,

This year's first issue of IEEE Delhi Section e-newsletter is being released with various news & views for your perusal.

With best regards and wishes,

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
April 12, 2018 (*Thursday*)
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 2018 are as under:

2018 IEEMA Engineer Infinite Conference (eTechNxT)
(https://conferences.ieee.org/conferences_events/conferences/conferencedetails/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)
(https://conferences.ieee.org/conferences_events/conferences/conferencedetails/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/)

Conferences to be held further:

3rd International Conference on Contemporary Computing and Informatics (IC^3I 2018)
(https://conferences.ieee.org/conferences_events/conferences/conferencedetails/44769) Being organized at Amity University Haryana, India from October 10 to 12, 2018 (http://ic3i.org/)

2018 2nd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2018)
(https://conferences.ieee.org/conferences_events/conferences/conferencedetails/44560) being organized at Delhi Technological University (DTU), Delhi, India from October 22 to 24, 2018
(https://www.icpeices2018.com/)

6th edition of international conference on Wireless Networks & Embedded Systems (WECON 2018)
(https://conferences.ieee.org/conferences_events/conferences/conferencedetails/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://conferences.ieee.org/conferences_events/conferences/conferencedetails/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/)

8th IEEE Power India International Conference (PIICON-2018) under the aegis of IEEE PES-IAS Delhi Chapter as well as IEEE PELS-IES Delhi Chapter (https://conferences.ieee.org/conferences_events/conferences/conferencedetails/45031) being organized by Electrical Engineering Department, National Institute of Technology Kurukshetra, HR, India from December 10 to 12, 2018 (www.piicon2018.org/piicon)

8th IEEE India International Conference on Power Electronics (IICPE-2018) under the aegis of IEEE PES-IAS Delhi Chapter as well as IEEE PELS-IES Delhi Chapter (https://conferences.ieee.org/conferences_events/conferences/conferencedetails/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)

First International Conference on Secure Cyber Computing and Communications (ICSCCC) (https://conferences.ieee.org/conferences_events/conferences/conferencedetails/44003) being organized by the Department of CSE, Dr B R Ambedkar National Institute of Technology, Jalandhar, Pb, India from December 15 to 17, 2018 (http://www.nitj.ac.in/icsccc2018/)

Fifth International Conference on Parallel Distributed and Grid Computing (PDGC-2018) (https://conferences.ieee.org/conferences_events/conferences/conferencedetails/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.

13th International Conference on Industrial & Information Systems (ICIIS)-2018 to be held during December 01 & 02, 2018 at Indian Institute of Technology Ropar, Punjab -140001, India (http://www.iitrpr.ac.in/iciis2018/) with Section as Financial Co-Sponsor with Indian Institute of Technology Ropar

Minutes of AGM of IEEE Delhi Section held on 4th Feb. 2018, 10.00 am at India International centre, New Delhi

1. **Welcome by the Section Chair Prof. K. Subramanian:** Prof. K. Subramanian, Chair-IEEE Delhi Section welcomed the members and the guests present and declared the meeting open. He informed the achievements of the Section to the members like sponsoring conferences, outreach meetings, DL lectures at various institutes etc. The Section took the initiatives to revive the Chandigarh Subsection but the inaction from subsection side was area of concern. He also informed the members that this time the record number of activities, nearly 207 in numbers were held, out of which Section conducted 16 technical, administrative and professional activities including many IEEE conferences. The increase in chapters, award nominations from the Section and student membership during 2017 was highlighted.

2. **Confirmation of minutes of previous AGM:** The Minutes of the last AGM held on 19th Feb., 2017 were presented and approved (proposed by Mr. Arup Roy and seconded by Mr. V. K. Gupta).

3. **Presentation of Secretary's Report:** Prof. Rachana Garg, Secretary of the Section read the

Secretary's report, which was approved by AGM (proposed by Prof. Prerna Gaur and seconded by Prof. M. N. Hoda). The report is attached as Annexure-I.

4. **Report by the Treasurer:** The Treasurer of the Section, Dr. Jasdeep Dhanoa, presented the financial report for the year 2017. It was emphasized that chapters and student branches should also submit their balance sheet to the Section before the submission of L50 forms. The financial report was approved by the AGM (proposed by Mr. R. K. Asthana and seconded by Dr. Manoj Saxena).

5. **Declaration of 2018 Delhi Section Executive Committee and Introduction of Members:** Prof. Subrata Mukhopadhyay, Member, Nomination Standing Committee announced the slate for Section Executive Committee for the year 2018 as follows:

Sl. No.	Name & Affiliation	Position
1.	Prof. K. Subramanian (ex-NIC)	Chairperson
2.	Prof. Prerna Gaur (NSIT)	Exec Vice Chair
3.	Prof. Abdul Q. Ansari (JMI)	Vice Chair
4.	Prof. Rachana Garg (DTU)	Secretary
5.	Dr. Shabana Urooj (GBU, Gr. Noida)	Joint Secretary
6.	Dr. Jasdeep Kaur Dhanoa (IGDTUW, Delhi)	Treasurer
7.	Prof. Mini S Thomas (JMI/NIT-Trichy)	Past Chair
8.	Prof. M. N. Hoda	Member
	(BVICAM)	
9.	Mr. Ajay Goel (Aricent)	Member
10.	Dr. Lalit Kumar (DRDO, Delhi)	Member
11.	Prof. Swades De (IIT Delhi)	Member
12.	Prof. Rajveer S Shekhawat (MU, Jaipur, RJ)	Member
13.	Dr.Vivek Kumar Sehgal (JUIT, Waknaghat, HP)	Member
14.	Mr. Gitansh Anand (Knowlarity Com, Gurgaon, HR)	Member
15.	Prof. Parul Garg (NSIT)	Member
16.	Dr. Manoj Saxena (DU)	Member

6. **Appointment of Auditor for 2018:** Mr. Vijay K. Gupta was appointed as the internal auditor for the IEEE Delhi Section for 2018.

7. **Appointment of Nomination Committee for 2016:**
The nomination committee for the year 2016-2017 is as follows:
Prof. Mini S. Thomas (JMI, NIT-Trichi), Chair
Prof. Bhim Singh (IIT-Delhi) Member
Prof. Ranjan K. Malik, (IIT-Delhi) Member
Prof. Subrata Mukhopadhyay (GTBIT) Member
Prof. P. Kundu (ex-DCE) Member

In all 75 (Members: 56, Student Members:15 and Special Invitees: 04) persons attended the AGM.

8. Any other point with the permission of Chair:
   - It was discussed that search may be on for finding a person who can be conferred with 'Honorary Membership'. An Honorary member

should be a person of eminence and should have never been an IEEE member.

- Prof. Subrata Mukhopadhyay informed the house about Delhi Section having 15 chapters, with the addition of Magnetic Society-Nano Technology chapter in the recent past.
- Prof. Mridula Gupta raised the issue of nomination of executive committee members. The house was informed that due procedure was followed by the nomination standing committee in selecting the Exec Com members. It was also informed that any member having any objection, could file petition within 28 days of notification of slate as per Bylaws of the Section.

9. The Executive Vice Chair, Prof. Prerna Gaur, proposed a 'vote of thanks' and the meeting ended with thanks to the Chair.

10. It followed Special lecture by Er. Rajeev Sharma, Chairperson & Managing Director, Power Finance Corporation Ltd. The same was well appreciated by all.

11. Thereafter, various Chapters and Affinity Groups held their AGMs before Lunch.

Annexure-I

IEEE DELHI SECTION-SECRETARY REPORT 2017

Chairperson, Past Chairs and Members of EXECOM, Fellows, Senior Members, Members, Young Professionals and student members of IEEE Delhi Section, Greetings and a warm welcome to all in the Annual General Body meeting. I, Prof. Rachana Garg, Secretary, Delhi Section take this opportunity to thank all IEEE members for giving me the opportunity to serve as Secretary Delhi Section for the year 2017. I am also thankful to all the Section Executive Committee Members for their whole-hearted support and guidance.

Delhi Section is under large section category and is among the fastest growing in sections in IEEE. IEEE Delhi Section has as per **latest (January 2018)** statistics **4562 active Members** (*excluding Society Affiliates*), consisting of **0 Honorary Member, 6 Life Fellow, 8 Fellow, 35 Life Senior, 277 Senior Member, 5 Life Member, 1367 Member, 52 Associate Member, 687 Graduate Student Member, 2125 Student Member.**

We have 2 subsections, 14 society chapters and 4 Affinity groups. There are 100+ student branches and branch chapters in Delhi Section.

IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity, hence, Section is committed towards education, professional development and society development. Several events were organized this year in different areas of technology. I present the activity report:

This year 207 activities were organized by the Section, Society Chapters and Affinity groups. These include Technical lectures by several society Chapters, distinguished lectures, the events especially designed for Graduate Student Members, Women Engineers, young professionals and several Conferences. IEEE Day has been organized at various Institutes with great enthusiasm. Also keeping up with the past tradition, to motivate subsections, this year also the fourth exec com meeting was organized at Jaipur (Rajasthan Subsection). Also, a special exec com meeting was organized on 6th Nov 2017 to welcome and meet the IEEE President 2018 - Jim Jefferies and IEEE-ED and COO Dr. Jim Prendergast. Also, registration of Delhi Section as Society is in its final stages, all the relevant documents have been submitted and the approval is awaited.

PES-IAS Delhi Chapter remains one of the most vibrant chapters of the section and conducted total of 57 activities. Thomas Alva Edison Memorial Lecture (21st in the series) was delivered by Prof. Chanan Singh, Regents Professor and Irma Runyon Chair Professor in the Department of Electrical and Computer Engineering, Texas A&M University, College Station, Texas on the topic "Resource Diversification to accommodate intermittency and improve reliability" on 11th Oct 2017 at IIT Delhi. A DL was delivered by Dr. Mukesh Nagpal on 2nd Feb 2017 on 'Experience of Severe Overvoltage in an Interconnected Transmission Sub-network during Single-Phase Open Period'. Another PES DL talk on 'Hybrid Renewable Energy Standalone Systems' was delivered by Prof. Ambrish Chandra, Professor Department of Electrical Engineering, École de technologie supérieure, Canada on 6th Nov.2017. PES Chapter has won 2016 IEEE PES Outstanding Chapter Award for Large Chapter. As the winner, the Chapter will receive $1000, plaques for the officers and 2016 Outstanding Chapter banner. Chapter also won IAS Outstanding Chapter Award 2017 and IAS Continued Outstanding Performance Large Chapter Award 2017 for activities carried out in year 2016. Prof. Bhim Singh has received the prestigious I*EEE PES Nari Hingorani Custom Power Award* for advancements in active filters, three-phase multi-pulse converters and power quality improvement in solar PV grid interconnected systems. The Chapter has conferred *Outstanding Chapter Engineer Award* to Prof. Rachana Garg.

This year PES-IAS and PELS-IES Delhi Chapter supported first ever *Women in Power* conference held on March 12th and 13th, 2017 at IHC Delhi. There were expert lectures by Industry resource persons from PowerGrid, Comed, GE etc from USA, Bangladesh, India and also a panel discussion focussing on the changes that are affecting the Power Industry apart from delivering insight on professional and personal development for the attendees. PELS-IES chapter has also organized many activities. A talk on 'Smart Distribution Systems and Smart Professional Networking with IEEE' by Prof. Noel Schulz, IEEE PES President, 2012-2013, Washington State University has been organised on Nov. 21st, 2017 at IIT Delhi.

EDS Delhi Chapter has been awarded "Chapter of the year award" 2017 by IEEE EDS. This is the second time that Delhi Chapter has been nominated for this prestigious award. Also, EDS Delhi Chapter Exec Com member Dr. Manoj Saxena has been nominated as BoG member of IEEE EDS. IEEE EDS Distinguished Lecturer Talk on "Statistical analysis of Reliability test data**" was organized by the chapter in association with** Department of Electronic Science, Univ of Delhi South Campus and Department of Electronics and Communication Engg Amity School of Engineering & Technology. The speaker was **Prof. Cher Ming Tan, Director, Center for Reliability Sciences and Technologies Chang Gung University**. Prof. Vijay K Arora of VSG-International has delivered a talk on 'Graphene Nanotechnology–Past, Present and Future'.

IMS/ EMBS Joint Chapter also has organized many activities including technical talks, Interactive/Industry Meetings and a National Seminar.

4th R. K. Vir Memorial lecture on 'Gas Insulated Switchgear' was delivered by Mr. Guenther Hans Besser, GIS Factory Head, Siemens Ltd. on January 4, 2017 at Auditorium of National Rail Museum, Chanakya Puri, New Delhi. This technical event which is held annually on 4th January in the memory of Late Er R K Vir, Past Chair IEEE Section, was supported by three other leading technical societies i.e., Institution of Engineering and Technology (IET), Institution of Engineers (India) (IEI) and Institution of Railway Electrical Engineers (IREE).

Many talks and workshops were organized under Communication, Computer, computational intelligence, TEMS, MTT and CAS-CS Chapters.

This year 06 conferences have been organized under Delhi Section namely, 11th INDIACom i.e. INDIACom – 2017; 4th International Conference on Computing for Sustainable Global Development (INDIACom) organized by BVICAM, New Delhi from March 1st - 3rd, 2017**.** 2017 International Conference on Computer, Communications and Electronics (Comptelix) organized at Manipal University, Jaipur, from July 1 to 2, 2017, 2017 International Conference on Computing and Communication Technologies for Smart Nation (IC3TSN) being organized by Department of Computer Science and Engineering, GD Goenka University, Sohna Gurgaon, from October 12 to 14, 2017, 2017 3rd International Conference on Condition Assessment Techniques in Electrical Systems (CATCON) being organized by Indian Institute of Technology Ropar, Punjab, from November 16 to 18, 2017, 2017 Fourth International Conference on Image Information Processing (ICIIP - 2017) being organized by Jaypee University of Information Technology (JUIT), Solan, from December 21 to 23, 2017. The conferences were widely announced, well attended and quality papers were presented. For the year 2018, 07 conferences have already been approved and many are in pipeline.

Many activities were performed under HTC including World Environment Day on 5th June 2017, visit to village on 4th October 2017 and a debate on Delhi Pollution on 12th Dec 2017. All these activities are well attended and are appreciated by all.

IEEE Delhi SAC organized various activities. A workshop on "Cloud Computing on Azure Platform" was organized on 25th February 2017, "Technical writings and Publishing" on 13 April 2017, hardware hackathon in association with Texas Instruments on was organized on 25th March 2017, Awareness program on 15th November, 2017. IEEE Delhi SAC organized its Annual Award ceremony on 28th April, 2017 at IGDTUW. Section Student Congress was organized on 28-29th October 2017 at NSIT and was attended by 200 delegates. Out of approximately 100 student branches in IEEE Delhi Section, there are now almost 40 student branches which are actively participating and are conducting activities and events under IEEE.

Many Awards were received by Student Branches and their members. DTU, NIEC and MSIT student branches won IEEE PES High Performance Student Branch Chapter Awards, Guru Gobind Singh Indraprastha Univ.(USICT) has won bronze Darral Chong student activity award. Ms. Ayushi Jain (Mody University of Technology and Science) from Rajasthan Subsection received the IEEE Upsilon Pi Epsilon Scholarship, Himanshu Sahdev (NIEC) won the first prize in Video and Photo contests organized on IEEE Open Engineer Mobile Application, Keerti Gautam of IGDTUW received IEEE James O. Gray Scholarship, Keerti Gautam (IGTUW), Saksham Saxena (DTU), Mr. Sanyam Goel (BVP), Ms. Arushi Relan (NIEC), Ms. Deepali Jain (MSIT) and Mr. Nikhil Kumar Mishra (DTU) from Delhi Section received the IEEE Richard E. Merwin Student Scholarship.

Student activity chair, Prof. Rachana Garg received the prestigious R10 SAC 'Outstanding Volunteer Award'.

Delhi Section received the 2017 Outstanding Section Membership Retention Performance award. Certificate of Recognition was given to Prof A. Q. Ansari and Prof. Prerna Gaur for Outstanding achievement in member retention for the Delhi Section during the 2017 membership year by the IEEE Member Recruitment and Recovery Committee.

Women in Engineering affinity group has organized an 'Open House Project Presentation' on 29th April. The project presentation included two parallel tracks on hardware and software domains and the participants were judged in one of the areas according to their project types. New WIE student branch affinity group was formed at Poornima University and a technical seminar on 'Cellular Communication System Evolution: 1G-5G' was organized. Young

Professionals, Life members and Consulting networks affinity groups have also organized talks and workshops this year.

This is in brief about the activities organized in the section. My sincere and heartfelt congratulations to all the sub section chairs, chapter chairs, affinity group- chairs, members, student branches and branch chapters and their respective branch counselors. I look forward for another year of dynamic growth and achievements in the Section. I hope that with the enthusiasm and energy of all members and volunteers the section would scale new heights in terms of activities and membership count. My sincere best wishes for 2018.

Prof. Rachana Garg
Secretary, IEEE Delhi Section.

A Report on 2018 IEEMA Engineer Infinite Conference (eTechNxT) (IEEE Record # 42767)

With the Technical Co-Sponsorship of IEEE Delhi Section & IEEE Uttar Pradesh Section, two-day 2018 IEEMA Engineer Infinite Conference (eTechNxT) (IEEE Record # 42767) was held at India Expo Mart, Greater Noida, UP, India on March 13 & 14, 2018 side-by-side to the IEEMA's five-day Flagship Exhibition ELECRAMA-2018 (March 10 to 14, 2018) that included also World Utility Summit from March 11 t0 13, 2018. In the Engineer Infinite Conference with the theme "Showcase of Technology Next" it focused on four tracks, namely, (i) Power Electronics & Digital Transformation of Power Delivery, (ii) Energy Storage Systems and Solutions, (iii) IoT, AI and Electricity, and (iv) e-Transportation. With submission of 215 manuscripts, finally 107 papers were presented out of a selection 0f 117 in as many as 18 sessions (for oral presentation). Out of the lot 12 found place in poster presentation for all the five days along with display of exhibits. On the second day post-lunch session was devoted to Innovation Day celebration with inauguration by Honorable Union Minister of Electronics and Information Technology Mr. Ravi Shankar Prasad and distribution of awards following Minister's address to the gathering.

Prof. BHIM SINGH
SUNIL MISRA

IEEE
Advancing Technology for Humanity
ELECRAMA
ieema

organised by
Prof. SAIFU RAHMAN

ieema
IEEE

organised by
Prof. SAIFU RAHMAN

ENGINEER

ELECRAMA
IEEE
ENGINEER

ELECRAMA
IEEE
Advancing Technology for Humanity
ENGINEER

Educational Travel to India

From: **Miroslav Skoric** <skoric@uns.ac.rs>
Date: Sat, Jan 27, 2018 at 5:32 AM
Subject: 5th educational travel to India
To: skoric@uns.ac.rs

Dear Colleague, Professor & Engineer...

After four conference travels to India (2012, 2013, 2014, and 2016), I am considering another visit to your country, this time with even more educational ambitions. At first, I am glad to inform you that since 1.1.2018. I am officially retired so in the future I will be much more flexible for conferencing & other educational traveling to India and elsewhere. (Financing those plans will be another story.)

Nevertheless, in the past I was performing my amateur radio seminars as half-day, 1-day, 2-day, or 3-day programs. In 2017 I upgraded to an even longer 4-day session: In November I was in Tashkent, Uzbekistan where I performed such a long seminar at TUIT university, https://tuit.uz/post/treningkurs, and I also had a conference tutorial at the same place, https://tuit.uz/post/icisct-2017, where I also talked about amateur radio communications & computing, and displayed various electronics for radio amateurs, incl. portable radio stations, modems, GPS receivers & related positioning software, temperature sensor, ...

Having said that, I can propose you an extended tutorial program in years to come. (At the moment my program consists of 200+ slides and some short videos, so it can be split into several days, 1-3 hrs per day, or anything suitable to your academic schedule).

Secondly, my seminars might be of interest for other universities & colleges in India, where I would like to conduct practical experiments with students and teachers as well as with Indian radio amateur operators, in order to prepare new materials for my planned book on amateur radio communications and computing. Therefore, I would be grateful if you inform your academic circles about, particularly your local IEEE and ACM chapters, branches, and sections.

Besides radio electronics, communications, antennas, modems, computer networking, hardware & software, my sessions are accompanied with practical demo on positioning systems, 'amateur radio meteorology', and are planned to include alternative sources of energy (such as powering isolated & remote radio systems with solar panels or wind turbines).

Feel free to contact me for any detail.
Best regards,
Miroslav Skoric

Nomination of Dr. Subrata Mukhopadhyay to IEEE PES

IEEE Delhi Section Member Dr. subrata Mukhopadhyay has been nominated as Member of the Long Range Planning Committee of IEEE PES Governing Board with effect from January 01, 2018.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE

IEEE Delhi Section has as per **latest (March 2018)** statistics **2909 active Members** (*excluding Society Affiliates*), consisting of **0 Honorary Member, 5 Life Fellow, 8 Fellow, 31 Life Senior, 256 Senior Member, 5 Life Member, 848 Member, 17 Associate Member, 481 Graduate Student Member, 1258 Student Member.**

Grades	Dec-11	Dec-12	Dec-13	Dec-14	Dec-15	Dec-16	Dec 17
Affiliate	26	37	24	23	24	21	25
Associate members	61	77	61	70	73	37	52
Fellow	7	7	7	7	5	7	8
GSM	351	470	499	646	621	696	689
Honorary Member	3	3	2	2	2		0
Life Fellow	3	4	5	6	6	7	6
Life Member	5	5	6	5	5	5	5
Life Senior	15	17	21	21	21	33	35
Member	1109	1168	1134	1177	1205	1245	1367
Senior Member	175	169	192	193	205	253	277
Student Member	2894	3200	3222	2991	3220	2529	2125
Total	4649	5128	5173	5141	5388	4833	4589

Section membership strength year-wise

IEEE Delhi Section Financial Report for the year 2017

Receipts

S.N.	Item/ Head	2017	2016	2015
1	Opening balance>			
2	SBI IIT Delhi	43,36,078.49	49,49,360.00	24,81,449.00
3	Cash in hand	6,025.00	3,260.00	1,435.00
4	Stale Cheques	49,808.00	49,808.00	-
5	Bank Interst	1,92,175.00	1,49,198.00	1,10,137.00
6	Delhi Sec. 2017 Operating Funds (Refund fm 2014, EA-Low-Cost Exhibit Event) Rs.8,06,725 (Total: 13,93,215)	5,86,490.00	14,55,793.00	13,71,835.00
7	HTC,Smart Village,EPICS Project/AIYEHUM		7,06,369.00	23,67,654.00
8	PES-IAS/PELS-IES Reimbur. to conf. account for WIP PES 2017; IEEE PES Women in Power 2017	4,03,127.00	7,75,380.00	1,67,482.00
9	Sponsorship/Seed Money for national conf/HQ CS Conference/CIS Summer School/Internship	10,12,740.00	8,75,546.00	7,91,469.00
10	MTT-S	2,00,100.00	6,58,028.00	2,17,560.00
11	SPAC		20,496.00	19,716.00
12	Other Incentive Awards		93,075.00	78,526.00
13	WIE		92,582.00	32,962.00
14	Education Society		1,66,692.00	
15	AES/INDICON Seed Money		2,00,000.00	
16	Students Branches HQ Support	1,33,693.00	4,15,334.00	7,07,213.00
17	EDS	1,59,007.00	50,828.00	1,84,095.00
18	SSCS			1,31,440.00
19	RA/Special Funding for WIE Northern India Engineering College SBAG.	25,884.00		33,235.00
20	Member Subscription From Conference			2,83,392.00
21	Other Refunds from Chapters/Members		1,270.00	94,862.00
22	YP		91,182.00	
23	CAS	25,464.00		
24	PES High Performing Chapter Award (MSIT)	17,486.00		
25	Standards Edu award for student project and paper IEEE Standards Edu. Comtt (Thapar)	32,356.00		
26	IEEE PES Outstanding Chapter Award, IEEE PES-IAS Delhi Chapter (DTU)	64,711.00		
27	WIE-IGDTUW SBAG - Honorable Mention at the WIE SBAG of the Year Award	16,178.00		
28	R10 Support/Reimbursement for Events/Workshops	2,03,465.00		
29	IEEE ENMIT Funding for STEP Event 2016	33,860.00		
30	Received from Google (corporation contribution)	25,000.00		
31	Advance Received Back	3,38,916.00		
	Total Inflow in 2017	34,70,652.00	57,51,773.00	65,91,578.00
	Total	78,12,755.49	1,07,04,393.00	90,74,462.00
	Cheques Issued but not encashed	1,59,791.00	4,07,003.00	2,88,650.00

Disbursements

S. N.	Item/ Head	2017	2016	2015
1	Execom Meetings	1,14,467.00	93,215.00	1,15,807.00
2	AGM	1,27,529.00	1,12,959.00	2,60,116.00
3	PR		20,000.00	20,000.00
4	Conference		10,53,927.00	6,29,272.00
	Conference- Seed Money		1,50,000.00	2,00,000.00
5	Technical Activities		88,916.00	54,031.00
6	Special Execom/Finance Committee	35,488.00	29,336.00	69,180.00
7	Advance to Execom members for Outstation Travel support	2,20,000.00		
8	Industry Relations/Public Relation & Publicity	30,990.00	15,000.00	
9	Intersociety Relation	63,985.00	61,050.00	
10	R 10/HQ Student YP, Student,WIE Conference	1,71,286.00	1,64,413.00	2,56,000.00
11	Travel Execom Member Outstation	49,833.64	40,610.00	40,321.00
12	Special Projects (Village Event/Initiative)	25,996.00		1,55,460.00
13	SAC/Student Activities	3,10,940.00	6,66,177.00	10,54,830.00
14	Membership Dev/Fellow Nomination	37,300.92	35,764.00	18,885.00
15	PES-IAS/PELS-IES/HQ funds	10,43,231.00	5,97,796.00	1,33,510.00
16	Consultants Network Affinity Group			10,000.00
17	Rajasthan Subsection	1,00,000.00	50,000.00	
18	SSCS			1,31,440.00
19	CAS-Control/CIS/CS/Support to Chapter & Affinity	75,370.00	31,100.00	3,84,960.00
20	WIE	83,778	1,00,244.00	38,452.00
21	HTC,EPICS/AIYEHUM/SIGHT	55,385.00	23,31,783.00	2,89,521.00
22	MTT-S	2,00,100.00	6,24,388.00	2,17,560.00
23	Education Society/Activities	35,771.00	17,500.00	67,000.00
24	EDS		75,828.00	11,000.00
25	IM-EBMS/IMS/IRA		47,235.00	33,235.00
26	TMC		14,000.00	37,000.00
27	Professional Charges	9,000.00	9,000.00	9,000.00
28	Office Expenses, Social/ Electronic Communication	17,656.00	49,162.00	42,121.00
29	YP	34,458.00	1,03,444.00	19,716.00
30	Other Incentive Awards		92,477.00	9,468.00
31	contingency & Misc	4,522.00	-	
32	Bank Charges	1,532.75	1,567.00	229.00
	Total Spent	28,48,619.31	66,76,891.00	41,21,842.00
	Closing Balance SBI IIT Delhi	42,499.18	43,36,078.00	49,49,360.00
	Sweep Ac 37368725233	45,52,000.00	-	-
	Cash in hand	3,395.00	6,025.00	3,260.00
	Toatal	78,12,755.49	1,07,04,393.00	90,74,462.00
	Stale Cheque	49,808.00	49,808.00	
	Cheques Issued but not encashed	1,59,791.00	4,07,003.00	2,88,650.00
	Cheques Issued in 2016 paid in 2017 for (Other Programme Expenses)	3,66,242.00	1,42,210.00	1,02,378.00

Mr Vijay Kumar Dutt (Auditor)

Prof K. Subramanian (Chair)

Dr Jasdeep Kaur Dhanda (Treasurer) 25/1/18

vol 18 no 04-12
April-December 2018

From the desk of ECC

My dear esteemed Members,

This year's second-cum-last issue of IEEE Delhi Section e-newsletter is being released with various news & views of, by, and for the Section only for your perusal. In this context you are reminded of course for the renewal of Membership of IEEE as well as its Societies to which you may be subscribing so long or interested to join now, in addition.

With best regards and wishes,

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
December 08, 2018 (*Saturday*)
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 2018 are as under:

2018 IEEMA Engineer Infinite Conference (eTechNxT)
(https://conferences.ieee.org/conferences_events/conferences/conferencedetails/42767) 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)
(https://conferences.ieee.org/conferences_events/conferences/conferencedetails/42835) 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/)

3rd International Conference on Contemporary Computing and Informatics (IC^3I 2018)
(https://conferences.ieee.org/conferences_events/conferences/conferencedetails/44769) organized at Amity University Haryana, India from October 10 to 12, 2018
(http://ic3i.org/)

2018 2nd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES-2018)
(https://conferences.ieee.org/conferences_events/conferences/conferencedetails/44560) organized at Delhi Technological University (DTU), Delhi, India from October 22 to 24, 2018
(https://www.icpeices2018.com/)

6th edition of international conference on Wireless Networks & Embedded Systems (WECON 2018)
(https://conferences.ieee.org/conferences_events/conferences/conferencedetails/44297) 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://conferences.ieee.org/conferences_events/conferences/conferencedetails/43534) organized by Poornima University, Poornima College of Engineering and Malviya National Institute of Technology (MNIT), Jaipur, Rajasthan, India from November 22 to 25, 2018
(http://icraie.poornima.org/)

13th International Conference on Industrial & Information Systems (ICIIS)-2018 (https://conferences.ieee.org/conferences_events/conferencedetails/45802) organized by Indian Institute of Technology Ropar, Punjab -140001, India during December 01 & 02, 2018 at (http://www.iitrpr.ac.in/iciis2018/) with Section as Financial Co-Sponsor with Indian Institute of Technology Ropar while Kharagpur and Sri Lanka Sections are Technical Co-Sponsors

Conferences to be held further:

8th IEEE Power India International Conference (PIICON-2018) under the aegis of IEEE PES-IAS Delhi Chapter as well as IEEE PELS-IES Delhi Chapter (https://conferences.ieee.org/conferences_events/conferencedetails/45031) being organized by Electrical Engineering Department, National Institute of Technology Kurukshetra, HR, India from December 10 to 12, 2018 (www.piicon2018.org/piicon)

8th IEEE India International Conference on Power Electronics (IICPE-2018) under the aegis of IEEE PES-IAS Delhi Chapter as well as IEEE PELS-IES Delhi Chapter (https://conferences.ieee.org/conferences_events/conferencedetails/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)

First International Conference on Secure Cyber Computing and Communications (ICSCCC) (https://conferences.ieee.org/conferences_events/conferencedetails/44003) being organized by the Department of CSE, Dr B R Ambedkar National Institute of Technology, Jalandhar, Pb, India from December 15 to 17, 2018 (http://www.nitj.ac.in/icsccc2018/)

Fifth International Conference on Parallel Distributed and Grid Computing (PDGC-2018) (https://conferences.ieee.org/conferences_events/conferencedetails/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)

International Conference on "Machine Learning, Big Data, Cloud and Parallel Computing" ("COMITCon") (https://conferences.ieee.org/conferences_events/conferencedetails/45641) being organized by the Department of Computer Science & Engineering, Faculty of Engineering & Technology, Manav Rachna International Institute of Research and Studies (MRIIRS), (Formerly Manav Rachna International University, (MRIU)), Delhi Suraj Kund Road, Sector 43, Faridabad, Haryana-121004, India from February 14 to 16, 2019 (https://comitcon.in/)

9th Annual Information Technology, Electromechanical Engineering and Microelectronics Conference (IEMECON) (https://conferences.ieee.org/conferences_events/conferencedetails/45795) being organized by University of Engineering & Management, Jaipur, India from during March 13 to 15, 2019 (http://iemecon.org/)

13th edition of INDIACom i.e. INDIACom – 2019; 2019 6th International Conference on "Computing for Sustainable Global Development" (https://conferences.ieee.org/conferences_events/conferencedetails/46181) being organized by Bharati Vidyapeeth, New Delhi, India from March 13 to 15, 2019 (http://bvicam.ac.in/indiacom/)

1st International Conference on Signal Processing, VLSI and Communication Engineering (ICSPVCE-2019) (https://conferences.ieee.org/conferences_events/conferencedetails/46182) being organized by Delhi Technological University, Bawana Road, Delhi, India from March 28 to 30, 2019 (http://www.dtu.ac.in/Web/ICSPVCE/index.html)

1st International Conference on Emerging Trends in Communication, Control and

Computing (ICONC3) (https://conferences.ieee.org/conferences_events/conferences/conferencedetails/45789) being organized by Mody University of Science & Technology (MUST), Lakshmangarh, Rajasthan, India during September 20-21, 2019 (http://muconference.in/)

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

2nd International Conference on Intelligent Communication and Computational Techniques (ICCT'19) being organized by School of Computing and Information Technology, Manipal University, Jaipur – 303007, Rajasthan, India during September 28-29, 2019 (https://www.icct.co.in/)

Minutes of the IEEE PELS-IES Delhi Chapter Annual General Meeting

(*as released on Jun 13, 2018, but without enclosures as mentioned in the end of minutes*)

No. PELS-IES-Delhi-2018/1
February 26, 2018

The Annual General Meeting (AGM) of IEEE PELS-IES Delhi Chapter was held on 4th February 2018 (Sunday) at about 12.30PM at the Seminar Hall, Kamaladevi Complex, India International Center, 40 Max Mueller Marg, New Delhi – 110003.

The record of the discussions and the list of participants are as follows:
1. A warm welcome was extended to the members of the IEEE PELS-IES Delhi Chapter and other IEEE members by the Chairperson G. Bhuvaneswari. The following members participated:

i. Prof. Subrata Mukhopadhyay
ii. Prof. G. Bhuvaneswari
iii. Dr. Radheshyam Saha
iv. Dr. A. Haque
v. Prof. Sukumar Mishra
vi. Prof. Prerna Gaur
vii. Prof. Rachana Garg
viii. Ms. Jyoti Jain

Deliberations were held to promote the activities viz. (i) drives for increasing IEEE membership and to elevate eligible Members to senior Members of IEEE (ii) Technical talks by IEEE distinguished lecturers or eminent speakers or experts from Industries (iii) Workshop/Seminar (iv) Industrial visits for IEEE students members and (iv) professional activities.

2. The minutes of the last AGM was proposed by Dr. Saha and seconded by Ms. Jyoti Jain and it was confirmed.
3. The secretary's report on the various activities conducted during the year 2017 was presented by Prof. Bhuvaneswari, and the report is attached herewith. It was highlighted that the Chapter had conducted altogether **59 activities, out of which 45 were technical, 4 were administrative and 10 professional activities** that were loaded by Vtools to IEEE Region-10 Asia specific site (List attached). The above technical activities that include expert lectures/seminar delivered by professionals/researchers from both academics and industries were mostly organized with joint effort by PELS-IES Delhi Chapters and PES-IAS Delhi Chapter.

4. The Income-expenditure profile of PELS accounts for the year 2017 (1st Jan'17-31st Dec'17) was presented by Dr. R.Saha, Treasurer. Subsequently the PELS Accounts was submitted and got audited by Prof. S. Mishra. An audited copy of the statement is attached herewith.

5. The Members of the Nomination committee (consisting of Dr. J. B. V. Reddy, Prof. S. Mukhopadhyay and Prof. Bhim Singh) declared the IEEE PELS-IES Delhi Chapter Slate for 2018 as under:

i. Chairperson, G. Bhuvaneswari, IIT-Delhi
ii. Secretary, Dr. Ashu Verma, IIT-Delhi
iii. Treasurer, Dr. Radheshyam Saha, Ex-CEA
iv. Past Chair, Dr. J. B.V.Reddy, DST, Delhi
v. Previous Chair Dr. Prerna Gaur, NSIT Delhi
vi. Founder Chair, Prof. Bhim Singh, IIT-Delhi
vii. Member, Prof. Sukumar Mishra, IIT-Delhi

viii. Member, Prof. S. Mukhopadhyay, GTBIT, Delhi
ix. Member, Dr. Arun Verma, NIT, Jaipur
x. Member, Prof. R. Maheswari, IIT-Delhi
xi. Member (Young Professional), Mr. Himanshu Grover, IIT-Delhi

6. The meeting ended with vote of thanks.

Prof. G. Bhuvaneswari
Chair, IEEE PELS-IES Delhi Chapter
Distribution: To all the members of IEEE PELS-IES Delhi Chapter
Enclosures:
i. Secretary's Report
ii. List of IEEE PELS-IES Activities during 2017
iii. Financial statement of PELS accounts for 2017

SIGHT Village Visit 8 Sep 2018
(*as reported on Sep 12, 2018 by Section SIGHT Standing Committee Member Ravindra Joshi <ravindra.joshi@tatapower-ddl.com>*)

IEEE Delhi SIGHT and HTC Village Event-
Solar Pilot Micro Plant Installation
Girdharpur Village, Hapur, UP on Saturday
8th September 2018

In line with IEEE vision of penetration of technology across humanity, it is 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 first visit was done on 4th October 2017 and was successful in understanding the needs of village. This is repeat visit to same village to give villagers real exposure to Solar micro power plant.
A Team of 10 young IEEE Volunteers led by Mr. Ravindra Joshi, IEEE Delhi Section SIGHT & HTC visited Girdharpur village near Hapur district, NCT, Uttar Pradesh State with a goal of installing 2 nos. micro off grid Solar power units. And with no doubt, team could get a clear insight into the real-daily life problems faced by the rural community. According to the on-ground research, team was able to understand certain basic problems such as

- Energy supply and how Solar power can penetrate villages

The team went round the village talking to villagers. Once village houses round was over, under Leadership of Mr. Ravindra Joshi, the team selected 2 houses for installing 1 no. 100 W and 1 no. 5 W off grid nano solar power units.

The first unit of 100 W unit is sufficient to light 2 LED lamps, run a TV, do mobile charging and run a fan. The unit is with battery backup and can last 7 to 8 hrs. on battery. The selected house is of Vinay Kumar, a poor laborer family. The family has 3 children who are studying in Class 5, 2 and pre-school. The village is electrified but there are power interruptions. During power interruption, the children cannot study and lady of the house is not able to cook food properly and also it creates a darkness linked atmosphere in the house. Now, this nano power unit will light the house during power interruption and children will be able to study.
The second unit of 5 W is sufficient to light 2 LED lamps of 2 W each and can do mobile charging. The house belongs to Harender Kumar who has never seen a light bulb in his house, ever. After sunset, it is all darkness in his house and only light is of a

oil lamp. Now, his house will be well lit with 2 LED lamps. It is a revolution in his life. This is the very theme of IEEE, to bring technology to left out section of society. The Solar unit installed in his house is with battery backup and can last 7 to 8 hrs. on battery. The house owner Harender Kumar, is a poor laborer and lives with his old mother. Now, this nano power unit will light the house during sunset hours and Harender can feel proud to see his house lighted like billions in the world and his old mother will not burn her hands while cooking.

Children studying in Solar Power

The visit and project is highly successful and it will become a pilot for future planning for similar poor rural houses in India and abroad. The model can be extended to about a billion people living in rural areas across the world, bulk of them in India, Africa and other under developed and developing countries. In many cases there is no access to electricity and these nano solar grids can be a good source of power. Please see link below giving good data about "no access to electricity".

https://www.citylab.com/life/2013/06/where-billion-people-still-live-without-electricity/5807/

An interactive session was also done with villagers about their lives and daily routines. To motivate token goodies and gifts were given to some enthusiastic participants, in women and men category. Thanks to Dr. Priyanka Rathee and Volunteers Yashraj, Sidhanth for helping in running the awareness session for women and men respectively.

A big thank you to Dr Subrata Mukhopadhyay, Dr K. Subramanian, Chair IEEE Delhi Section and Dr M. N. Hoda for supporting the initiative and for approving the visit.

REPORT OF miniPOCO(20/05/2018), VISHAKHAPATNAM

June 06, 2018

The basic purpose of miniPOCO 2018 organizer(s) was to ensure that the volunteers needs to understand the IEEE Conferences Policies and to know all the helping channels within IEEE to meet expectations of IEEE Conference attendees and produce desired output from a conference.

Event covered ten sessions (each of 30 minutes) including attendee question/answers and feedback. After Registration a half an hour session was conducted about Why Conferences Matter by Dr. Amit Kumar and an audio visual. miniPOCO was further ignited by another session "Blueprint of Conference Success: Start to finish" by John Trech, Kevin Hanft and Amit Kumar. Afterwards Dr. S N Singh (Chair-Elect, IEEE India Council) Vice Chancellor MMUT shared his vast experience; he touched upon basic gaps that are observed in various proposals. Why many conferences do not find place at IEEE Explore even if these are approved by respective MGA. In India, 163 IEEE conferences conducted did not succeed in getting published on IEEE XPLOE due some of the basic quality parameters being conspicuous. Afterwards another half an hour session entitled "Managing Finances & Checking Non-Ethical Practices in Conference" was conducted by Dr. Anil Roy of IEEE Gujrat Section & IEEE Sensors Council.

Furthermore, Dr. Lance Fung, (Chair, IEEE Technical Program Integrity Committee-TPIC): stressed on the potential of IEEE conferences offering opportunity for exchange of ideas and problems and their solutions. This is one major objective which must be fulfilled overall by the event and there should be enough efforts and evidences of this fulfilment to make a conference successful. Automatically, many requisite parameters can be met. His presentation stressed on new learnings about conference quality parameters. The three pillars of quality are – Quality Sponsorship, Quality Management, and Quality Publication. 3. John Tracy (Chair, IEEE Conferences Development and Planning) His recorded presentation was shared with audience and a question answer session followed up later during afternoon session. He shared a number of tools availability on IEEE website for plagiarism checking (CrossCheck) which can be very useful for ensuring quality of papers. Similarly, IEEE PDFXpress and its enhanced version IEEE PDFXpress Plus are useful tools for formatting the papers compatible t IEEEE Explore Guidelines. He also apprised of Centre for Leadership Excellence and the number of courses being offered by IEEE on aligned with this. There is Conference Mentor program also conducted by IEEE with support from MCE (IEEEmce.org) which few are aware. 4. Dr. Anil Roy, (Member-at-large, IEEE Sensors Council) shared his knowledge about all aspects of financial management of IEEE Conferences. He distinguished between Financially Sponsored and Technically sponsored conferences, the latter can be proposed by a team of local (section/chapter/branch etc.) volunteers. It

is essential to plan a break-even based on registrations fees only. Sponsorships are to bring the financials to safer side and should not be major component. It may be good idea to plan a 20% surplus.
Panel Discussion Session covered the topic; How to select TPC? Panelist: Dr. Atul Negi (Vice-Chair, Education Activities, IEEE India Council), Dr. S N Singh, Dr. S Lakshminarayan: Thumb rule is to create a good peer review process. Each of the panelist spoke about different facets of ensuring a quality expert group to ensure good papers selection and follow a transparent process of reviews. Dr. Atul Negi: delivered a brief talk stressing on E-learning for organizing conferences.
The title of Panel Discussion 2 was "Conference Best Practices". The panelists were Dr. Deepak Mathur and Dr. S N Singh.
The closing session before was on Strategic group activity. The ideas were brainstormed to make the given themes effective. Results were presented by each group lead.
The major shortcoming of the event is the limited time; because of which the opportunities to exchange ideas were restricted.

Overall, miniPOCO 2018 proved to be a gaining platform for beginners who are starting their involvement in IEEE Conferences. Very limited chance was provided to attendees for interaction and keeping their view point.
For improvisation time span of the meet may be doubled for future events as one days' time is not sufficient for fruitful outcomes. If someone want to organize an IEEE Conference and want to get trained on important do's and don'ts; they need to take up the event quality seriously.

Sincerely;

Representatives from IEEE Delhi Section and Rajasthan Sub-Section;

Dr. Shabana Urooj
Joint Secretary IEEE Delhi Section
Member, Tech & Prof Act STDCOM
Chair, Educational Activity Board of IEEE Delhi Section
Dr. Rajveer S Shekhawat
Member, IEEE Delhi Section ExeCom & Ex-Officio member, IEEE Raj Subsection

Report on 2018 IEEE Convene at Berlin, Germany from July 19 to 21, 2018

Preface

On behalf of IEEE Meetings, Conferences & Events (MCE) Team, an invitation was received on April 27, 2018 at the first instance to attend IEEE Convene (formerly known as POCO) scheduled from Thursday, 19 July to Saturday, 21 July 2018 at the Intercontinental Hotel in Berlin, Germany.

This event was meant to provide an opportunity for the organizers to learn and discuss about Conferences with each other and the IEEE MCE Team, as well as other industry experts. Topics for this year's event were to include the following.

Day 1: Theme: Preparation, Response, Recovery

- IEEE Event Emergency Response Team – Resources for Organizers
- A Whole System Perspective on Crisis Management – City, Hotel, Planner, IEEE
- Organizer Crisis Stories
- Situation Rooms – work through real crisis scenarios including: medical emergency, thefts, missing attendee, weather incidents, and more
- Managing the Brand – protecting event's image and IEEE's.

Day 2: Theme: Setting Event Up for Success

- What Organizers Need to Know About GDPR and IEEE Events

- How to Manage Event Finances Internationally
- Top Legal Issues Facing IEEE Organizers
- Meeting in the 4th Dimension – Digital Events
- What are the Secrets to Conference Success?

Day 3: Live Broadcast of IEEE Education Day

Support Thankfully Acknowledged

While Registration Fee of US$650 was waived off by the IEEE MCE Team, support toward boarding-lodging and travel within Germany were respectively provided by the IEEE Delhi Section and IEEE PES-IAS Delhi Chapter for about US$500 and US$200 that is thankfully acknowledged by Dr. Subrata Mukhopadhyay as Chair of Standing Committee on Technical & Professional Activities of IEEE Delhi Section.

Details of What Happened

With about 200 leaders from the IEEE Conference Community the three-day event 2018 IEEE Convene started on the first day with the following program as finalized.

Preparation, Response, Recovery

With the theme for the day's content as "Preparation, Response, Recovery" discussion concentrated on how to manage emergency situations across events that included the following:

- Keynotes on Crisis Management by Elisabeth Van Ingelgem, Alex Humphrey, Elif Balci Fisunoglu, and Sherry Russ Sills
- Conference Organizer Crisis Stories
- Crisis Management and the IEEE Brand
- Interactive Breakout Activities

Special Events

With a range of opportunities to connect with peers from across the globe, as offered by the event, attendees were scheduled to join after the sessions in the Exhibit Hall followed by Evening Reception.

Prepare, React, Respond, Recover: Crisis Management

As Conference Organizers there is responsibility to ensure teams and attendees are prepared and safe in the case of an emergency. To provide ongoing support and guidance in the area, IEEE MCE (Meetings, Conferences, and events) Team has established the Event Emergency Response Team (EERT) with the goal of being prepared to react, respond, and recover. EERT has developed process, resources, and real-time support for any IEEE event. At 2018 IEEE Convene, this topic was used to hear real-life examples and experiences. Breakout sessions for the attendees were arranged to work as teams to propose the solutions. Learning was about resources available and what standard practices should be put into place.

With more than 1,800 IEEE conferences and events per year, it is no surprise that IEEE Conference Organizers have a few stories of their own to share. In this context contribution of IEEE Volunteers & Conferences Committee Members, John Barr, Jan Haase, and Sean Haynes, who took the time to share their personal experiences and challenges while running an event was worth mentioning. This activity not only shared the breadth of crisis situations that are possible, from broken bones to venue renovations, but also reinforced that volunteers are not alone in these times.

Lessons Learned: 10 Takeaway from the Crisis Management Workshop

To engage attendees and create an interactive environment, a team activity was developed with groups given emergency scenarios and discussions held how to react, respond, and recover. At the end of the activity, each group shared their insight, with the lessons learned as summed up below.

1. Have an emergency response plan in place before the event, in close coordination with the Management of Venue.
2. Retrieve emergency contact information for everyone, including speakers and exhibitors, during the registration process itself.
3. Make sure the planning team, venue, and attendees

are all aware of what to do in the case of an emergency.
4. Stay safe, engage local authorities as needed, and follow their directions.
5. Be careful about the information that is publicly shared and communicated. False information can cause alarm and rumors.
6. Have a communication plan in place on how one will notify attendees during an emergency, such as through phone, email, and social media.
7. Do not speak to media. In the case of media requests, work directly with IEEE Corporate Communications.
8. Think global, including how would one communicate with attendees, or their emergency contacts, not likely speaking in the same language.
9. Make sure someone in a remote location has copies of attendee-lists, then emergency contacts, and emergency response plan on site in case one cannot access the same.
10. Once the situation is safe, engage EERT.

(For more information and resources for the IEEE Event Emergency Response Team, EERT, one may visit www.ieeemce.org/emergency.)

Second day had the following aspects that were considered.

Setting Up Event for Success

The theme for the day's content as "Setting Up Event for Success" centred round discussion on critical elements to powering event, such as General Data Protection Regulation (GDPR), finances, legal, and the secrets to conference success by including the following:

- GDPR and Top Legal Issues Facing Conferences by Jonathan Wiggins
- Interactive Breakout Sessions
- iCon Award Presentation

Special Events

With a range of opportunities to connect with peers from across the globe, as offered by the event, attendees were scheduled to join after the sessions in the Exhibit Hall followed by Walking Tour by Volunteers.

Making Event a Success

One of the key missions of the IEEE Convene was to teach and inspire the Conference Community in new and innovative ways to produce successful event. At IEEE Convene the motto was what was preached was practiced as well. It was not only the content that was important, but also the way attendees interacted and absorbed the information. Through collaborative breakout sessions in intimate settings to a social reception in an open and fluid space, goal was to provide an exceptional and inspiring attendee experience.

Can it be Organized?

Through the energetic game-show style activity, attendees were challenged at random to identify the correct timeliness and processes for organizing a Conference. This light-hearted and inspired activity engaged individuals and encouraged audience participation, while also reinforcing tips for key planning elements from the Conference Application Process to Conference Closing.

Games & Challenges

Various games conducted by Canadian partners were meant to rejuvenate audience by standing up, interacting with each other, and having some fun, side-by-side to IEEE Convene program covering serious topics such as, Crisis Management.

Breakout Sessions

Breakout Sessions were composed of different formats, from group activities to panel discussions. Each room was an intimate space where attendees had the opportunity to learn from experts and each other, while having the ability to speak up, ask questions, and be heard.

Social Activities

In addition to breaks allowing attendees to refresh and network, hosted was the

Welcome Reception as mentioned earlier. Having the latter at the same location as the venue allowed attendees spending fruitful time with old and new friends as well across the IEEE Conference Community.

iCON 2018 Award Winner: IEEE Wireless Communications & Networking Conference (WCNC)

The winner of the iCON 2018 Annual Award was the 2017 IEEE Wireless Communications & Networking Conference (WCNC), the world premier wireless event to exchange ideas and information on the advancement of wireless communications and networking technology. The award was received by the Co-chairs Andrea Goldsmith of Stanford University and Katie Wilson of Santa Clara University, whose outstanding leadership drove results for and led advancement for the Conference's long-term goals. The Conference was recognized for its mission to incorporate diversity, the latest technologies, and both industrial and academic forums. Through the untiring efforts WCNC almost doubled their attendance, grew their exhibits from 7 to 31, and exceeded their budgeted surplus by US$70,000 or so, as reported. Led by an Organizing Committee with 42% female, including two female Co-Chairs, the Conference was exemplary to show how future events could grow, evolve and be representative of current technology industry.

With lot many Exhibitors partnering the 2018 IEEE Convene it would be prudent to say something rightly for the Professional Management Services in this context that are the requirement of the day for achieving success for organizing large Conferences.

- Site selection & contract negotiation
- Venue & supplier management
- Registration, plenary, exhibit & concurrent session management
- Audience generation strategies
- Creative event media design & development
- Logistics planning / event management
- Patron program development
- Speaker management & engagement
- Exhibit sales & management

Third day was completely devoted to celebration of Education Day as broadcasted.

Inferences

On the overall 2018 IEEE Convene was informative, thought-provoking, and a positive step forward for all IEEE Conferences and Events. It has been possible because of overwhelming contribution from IEEE Conferences Staff, Volunteers, and wholehearted participation of IEEE Conference Community. In fact the peer exchange among Conference Leadership is unparalleled and as a result, there is growing, open, and insightful community that has been built across IEEE globally. As always IEEE Convene is also a great opportunity for the IEEE MCE Team to hear from the dedicated volunteers and stakeholders, to better understand and address challenges and opportunities as one sets the course for the future.

Berlin, Germany, a city that has experienced immense change and transformation over the years, was the perfect location for this form of event. Hosts in Berlin are acknowledged for their stories and culture, providing insight as examples that can inspire future Conferences and Events.

Core theme of the Event was "Crisis management", and like each year, some content in key areas was provided related to making the event a success. Real-life examples across different perspectives (venues, associations, cities, etc.) were brought forward to host a discussion that included many incidents that IEEE faced. Sessions to address potential scenarios were organized to find solutions in which participants played a critical role in helping each other and helping to shape IEEE's approach to face emergencies.

Kathy Land, IEEE Vice President (Technical Activities) shared her own experience and perspectives on IEEE Conferences and spared valuable time to engage with Conference Organizers from around the world.

In the 2018 IEEE Convene quite a good number of IEEE Staff and Volunteers as well shared ideas for topics, raised questions for clarification or just were there to prove the necessity of events such as 2018 IEEE Convene, the next version of which in 2019 is going to be in Washington DC from August 1 to 3, 2019.

Action Contemplated

In view of above and considering other aspects too, there is a necessity to hold a daylong Workshop on 'How to Organize an IEEE Conference – Conference Application Process to Conference Closing' under IEEE Delhi Section at the first instance in Delhi that can be repeated at Jaipur, Chandigarh (as the Headquarters of Subsections) in due course of time. Due to the fact that while in the last Quarter of the current Calendar Year 2018 IEEE Delhi Section has a good number of IEEE Sponsored Conferences (both Technically & Financially) in its jurisdictional area, it would be prudent to organize such event at the earliest in the time-frame February-March 2019 at a suitable location, after due notification circulated to Members as well as others interested in organizing IEEE level Conferences. Of course the contents of Event would be more general as appropriate rather than on very specific issues at this stage.

Prepared & Submitted by
Dr. Subrata Mukhopadhyay
Chair, Standing Committee on Technical & Professional Activities
IEEE Delhi Section
September 20, 2018 (Thursday)

Bali Congress Report
Oct 17, 2018

LIFE MEMBER AFFINITY GROUP – IEEE DELHI SECTION

REPORT ON PARTICIPATION OF Mr. P. V. EKANDE IN IEEE R10 SYWL CONGRESS 2018

30th August 2018 to 2nd September 2018 in BALI Indonesia.

IEEE REGION 10 SYWL CONGRESS 2018 on Collaborative Innovation for Society Development at HOTEL PRIME PLAZA, DENPASAR, BALI, Indonesia was organized by

IEEE REGION 10 in ASSOCIATION all Sections, Affinity Groups, particularly Students, Young Professionals, Women in Engineering and Life Member. The theme itself highlights the Society Development is very generic. It was thought that student congress, did not have coverage from other groups of Members to share their experiences. It is new beginning, Mr. Deepak Mathur who is the member in R-10 office Executive Committee, also former chair of India Council & Gujarat Section was given responsibility of General Chair.

IEEE R-10 office requested representation from each section. Delhi Section recommended following nomination from LMAG, WIE Affinity Group, Student Activity Choose:-

1. Mr. PV EKANDE
2. Prof. Dr.Prerna Gaur
3. Prof.Dr. Rachana Garg

11 others Members also attended the Congress including students.

More than 250 delegates attended the Congress.

The program commenced on the evening of 30th Aug 2018 from 16:45 to 18:15. &Cultural performances

On 31st Aug 2018.

Plenary session.

IEEE President Mr. James A Jeffieries gave presentation on IEEE Plan & Vision for future. Key Note Address was given by Mr. Kukjin Chun Director R-10. Dr. Ms. Maike Luiken Director R-7 (Canada) gave excellent presentation & talk on best Practices, challenges & opportunities. She deliberated a new full-form of IEEE.

In case of Young Professionals Mr. Rafal Sliz gave presentation on "The Force Awakens". He dealt with start-up vision and entrepreneurship for Young Professionals. His talk was very much interesting. The Topic on Educational activities was covered by Ms. Supavadre Aramvitl.

Subsequently Parallel Tracks were held. Separate sessions for WIE and LMAG were important and some of the technical

sessions particularly giving coverage on Digital Era, PES, IAS, ComSoc. In IAS were also interesting. Mr. C. Satish LM of Hyderabad Section gave excellent presentation on Electrical Safety.

Life Members session was conducted and concluded with debate.

The main features of LMAG Session:

More than 20 Life Members attended the Congress.

Mr. Tomonori Aoyama LMAG – Coordinator R-10 gave overview of LM in R-10, Benefits of Life Membership. He stated that LMAG Delhi Section has started recently and hope a great scope to expand its activities &strength in future.

Potential of new Affinity groups such as Bangalore were discussed. He stated that US $4000/- have been budgeted for LMAG activities additionally out of which $2500/- for formation of New LMAG in the SECTIONs and $1500 will be given to promote activities of various present LMAGs.

Once various and development taken by Tokyo LMAG were very well presented by MR. Taku Shoji on behalf of Mr. Tetusuya Miki. They have taken up lot of programme for social & society development. From Kerala LMAG, Mr. AG Hareendralal gave talk & presentation on case study of their activities during recent Natural Flood Disaster in Kerala & neighboring States. In Panel Discussion & Debate it is noticed that number of members are in age group of 80-85 + and one member's age is 92 years. It is unanimously agreed that Age is not constrain but it is mind & attitude that matters

There was separate award session.

A fate cum cultural event was organized by all sections. Delhi Section also put a stall in which Kajukatali, Thandai and Maathri were offered. Some items of Indian Handicraft were displayed. And also Punjabi Bhangra Dance Performance of Team Parmeet Singh, Utkarsh Singh and others was highly appreciated and made all gathering overwhelmed. The cultural Program by the Professional Artists was similar to Kathakali and Ram Leela. Instrument Music Played by the Artists was superb. They were using multiple instruments and had lot of similarity with Indian Music.

Some of the Snaps taken at various events are also added for visual display.

Mr. P V EKANDE at the entrance of the Ball Room (Banquet) of Hotel Prime Plaza, Bali (the Venue of the Congress)

At the counter of Delhi Section Director R-10 Prof. KUKJIN CHUN, Director R-7 Dr. Maike Luiken with Delhi Section Delegates

Report of the Lecture by Vincenzo Piuri at NSUT Dwarka New Delhi

The talk on 25th of September at 11 am to 12'O Clock on the topic "Ambient Intelligence: Convergence of Artificial Intelligence, Machine Learning, Biometrics,

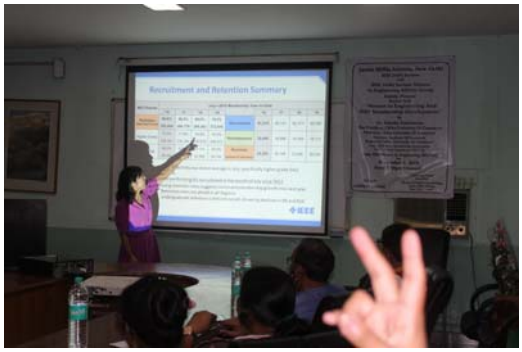
Cloud Computing, and Internet-of-Things" at Netaji Subhas Institute of Technology (NSIT, recently upgraded to NSUT) Sector-3, Dwarka, New Delhi-110078 was successfully organized and was attended by more than 300 students and faculty members of NSUT and guests out of which 135 were IEEE members.

Prerna Gaur,
Professor, ICE Div, NSIT
Executive Vice Chair, IEEE Delhi Section
October 05, 2018

Talk by Dr. Takako Hashimoto on 04.09.2018 at Jamia Milia Islamia University

IEEE Delhi Section and Women in Engineering Affinity Group jointly organized a talk on "Women in Engineering and IEEE Membership Development" by Dr. Takako Hashimoto, Vice President, Chiba University of Commerce, Professor, Chiba University of Commerce, Director, Institute of Economics, Research Chiba University of Commerce,

Chair, IEEE MGA Membership Recruitment & Recovery Committee (2017-18).
Dr. Takako Hashimoto was welcomed by Prof. Mridula (Chairperson, WIE, Delhi Section). She requested students and teachers to join IEEE.
Dr. Takako Hashimoto from Japan gave a detailed presentation on WIE membership, Membership Development Program and GDPR. She also gave a technical talk on ‘’Data Mining’’.
The lecture was attended by about 40 IEEE members. From WIE, about 10 members were present. Prof. Mridula Gupta, WIE Chairperson, Ms. Tarini Baswal (Secretary, WIE, Delhi Section), Dr. Jasdeep Dhanoa, (Treasurer, IEEE Delhi Section), Dr. Ahteshamul Haque, Senior Member, IEEE, Dr. Shabana Urooj, Senior Member, IEEE were also present. Arrangements were made by Prof. Abdul Q. Ansari, who could not attend.



The session ended with vote of thanks by Ms. Tarini Baswal, (Secretary, WIE, Delhi Section). She thanked Dr. Takako for her enriching talk on WIE Women in Engineering, Member Development Program and on technical talk on Data Mining. She requested students to join IEEE and Women in Engineering Affinity Group as it provides very good platform to develop one’s technical knowledge. The session was quite

enriching and great success. She also thanked Prof. Ansari and Dr. Haque of Jamia Milia Islamia University for organizing the session.

Tarini Baswal
CEE/COFMOW/Ministry of Railways
Secretary WIE, Delhi Section
October 05, 2018

The recipients for this year MD incentive grants
(*quoting IEEE MD Monthly Report-August 2018 and also Region 10 MD Report-August 2018*)
Sep 29, 2018

C. Senior Member Elevations
1. Delhi
2. Singapore
3. Malaysia
Congratulations to Prof. A.Q.Ansari, Prof. Prerna Gaur and the membership Development Team.

Dr. Rachana Garg
IEEE Delhi section Secretary

Result for 2018 R10 Section Incentive - Activities Report from Jan-Nov 2018

Dec 05, 2018

Based on the submitted 2018 activity report (January to November 2018) and its performance, Delhi Section has been awarded with the incentive grant of USD3000 (sharing second position with UP, Bombay, Bangalore, & Kolkata, with Kerala in the first position getting USD5000, out of a total 26 awarded).

(quoting message from Prof. Kukjin Chun, 2017 & 2018 R10 Director)

Reports

Dr. Rachana Garg

IEEE Delhi Section Secretary

2018 IEEE Region 10 Awards

Sep 21, 2018

R10 Education Activities Outstanding Volunteer Award: Shabana Urooj

in recognition of outstanding contribution and services for educational activities to the IEEE Delhi Section

Prof. Elmer P. Dadios

2018 IEEE R10 Award and Recognition Committee Chair

2018 IEEE MGM Section Awards
(*as received on 6 November 2018 through Section Treasurer*)

Greetings Manas,
I am pleased to inform you that your exceptional recruiting efforts in the IEEE Member-Get-a-Member (MGM) program during 2018 membership year you have earned the Delhi Section an award of $200 as you were the fourth place recruiter in the Asia Pacific Region !
The Section awards were created as a way to further encourage participation in the MGM program, and to help underwrite the Sections' local programs and activities. As such, the top five MGM recruiters in each Region earn their local Section. Your Section will receive these funds in approximately 3 weeks.
On behalf of IEEE Member and Geographic Activities, I extend a warm thank you and congratulations, and encourage your continued participation in the IEEE Member-Get-a-Member program.

Regards,
Denise Maestri
d.maestri@ieee.org

Appointment of Dr. Subrata Mukhopadhyay to IEEE PES

IEEE Delhi Section Member Dr. Subrata Mukhopadhyay has been appointed as Adviser to the newly formed PES India Chapters Council, approved by PES GovBrd & operative from September 01, 2018.

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE

IEEE Delhi Section has as per **latest (November 2018)** statistics **4250 active Members** (*excluding **21 Society Affiliates***), consisting of **0 Honorary Member, 5 Life Fellow, 8 Fellow, 33 Life Senior, 309 Senior Member, 7 Life Member, 1412 Member, 53 Associate Member, 575 Graduate Student Member, 1848 Student Member.**