2020
ICNL
JANUARY TO MARCH

IEEE INDIA COUNCIL | NEWSLETTER

Message from the Chairman

Prof. Sri Niwas Singh,
snsingh@iitk.ac.in

First of all, I would like to thank all the IEEE India members for having trust in me to serve as IEEE IC Chair for 2020 also. During 2019, the co-operations received from all the ExCom members are highly appreciated. Their support and cooperation made the IEEE India Council one of the most vibrant councils across IEEE. As we all know that the IEEE India Council (IC) works in total synchronism and harmony of actions and thoughts, I am confident that we will work even better during 2020. Some of the major achievements of 2019 are as follows:

Revision of IC Bylaws to make India Council more effective & efficient in functioning and visible at regional and global levels.
• Closure of all IC Chapters
• Creation of New Lifetime Achievement Awards to **Section Chairs and IC Chairs**
• Formation of Core Committee to help the ExCom on various issues.
• IEEE IC – Nokia Industry Visits on Experiential Learning
• IEEE IC-Anritsu Hands-on Workshop
• LM Track in All India Student-YP-WiE Congress
• Regulation of IC e-Notice
• Starting of India Council Sub-section Conference Series (INDISCON)

serving as an IC Chair during 2019, I found that the IC has moved in the right direction without any differences. For the first time, India Council received R10 incentive money of USD 2000 after submitting a report of the activities to R10 by secretary **Mr. Puneet K. Mishra**.
Further issues to be looked into are:
• IC Newsletter: Its reach and regular broadcast should be increased.
• IC Website: More information is to be posted for the benefit of the members.
• IC Awards: A clear and transparent policy should be developed. Participation should be encouraged.
• Organization of Leadership programs for women, conference organizers, students, YP can be made.
• Availability of people in meetings.
• Membership growth, retention and their elevation to higher grades should be increased.

I will try my best to meet the expectations of IEEE members in India and create a good image of IC at international forums. Let us all work together to have another great year of IEEE IC activities in 2020.

With warm greetings,
(Prof Sri Niwas Singh)
FIEEE, FNAE, FIET, FIETE, FIE(I)

Message from the Editor

Vamsi Krishna Jadala
vamshikrishnaj@ieee.org

Dear Readers,

We at IEEE India Council hope that you're coping up well amidst the Novel COVID19 outbreak. We request you to stay home and stay safe and be a reason to break the chain of community transmission. We herewith bring you the first volume of **15th Edition** of IEEE India Council Newsletter. This current issue of ICNL features a few of the prominent events, conferences, symposiums, sub-section congresses across the sections of the council. We thank the chairs of these respective sections & convenors of the events for sending the report as per the guidelines & we thank IC Chair Prof. S.N Singh & IC Secretary Mr. Puneet K Mishra for their coordination. For the forthcoming releases, we shall send an e-notice prior to 15 days before the release. Irrespective of the timelines, we request the section chairs & their executive committees to send reports which need the attention of members across the council to *ic-ecim@ieee.org* with pictures and a brief report of the respective events.

IEEE India Council 2019 AGM was held on 14th December, 2019 on the sidelines of INDICON 2019 jointly hosted by IEEE India Council & IEEE Gujarat Section. The minutes of the meeting & secretary report for the same can be found at: *https://bit.ly/IC2019AGM*. **ICNL** Congratulates recipients of IEEE MGA Awards 2019, Late Shri Pralhad P Chhabria Awards 2020 jointly awarded by IEEE India Council IEEE Pune Section & Hope Foundations, Different Societies Students/Members Scholarships & Awards.

Note: It was decided in the first F2F Meeting of the Executive Committee for the year 2020 held on **15th February 2020** at Madan Mohan Malaviya University of Technology to restrict the quarterly releases of the Newsletter only to include reports of events/activities. We thank all the authors over the years for their continued contributions to the newsletter and made it magnanimous, We shall definitely look forward to leveraging a platform to publish the articles coming from our members very soon.

We wish to make ICNL & Website of the IEEE India Council more transparent and interactive to our members. We look forward to contributing our best efforts and delivering the most important information at the regular intervals to our members through the ICNL.

Thank you for reading, ICNL team can be reached at: *ic-ecim@ieee.org*
You can reach out to your respective sections here: *https://bit.ly/ICSECTIONS2020*

IEEE India Council Core Committee

Prof. S N Singh
Chair

Er. Deepak Mathur
Advisor

Prof. Sivaji Chakravorti
Past Chair

Dr. K. R. Suresh Nair
Chair Elect

Er. Puneet K Mishra
Secretary

Dr. R B Jadeja
Treasurer

IEEE India Council Executive Committee 2020

S.NO.	NAME	ROLE	SECTION
1	Dr. Sri Niwas Singh	Chair	Uttar Pradesh
2	Er. Puneet K Mishra	Secretary	Bangalore
3	Dr. R.B. Jadeja	Treasurer	Gujarat
4	Dr. Sivaji Chakravorti	Immediate Past Chair	Kolkata
5	Dr. Suresh Nair	Chair Elect	Kerala
6	Er. Deepak Mathur	Advisor	Gujarat
7	Er. RK Asthana	Ombudsman	Delhi
8	Dr. Sujit K Biswas	Vice Chair - Technical Activities	Kolkata
9	Dr Rajashree Jain	Vice Chair - Student Activities	Pune
10	Prof. Kumar Vaibhav Srivastava	Vice Chair - Awards	Uttar Pradesh
11	Dr. Y V S Lakshmi	Vice Chair - WIE	Bangalore
12	Dr. Preeti Bajaj	Vice Chair - Branding & Member Benefits	Bombay
13	Dr. Amit Kumar	Vice Chair-Section & SS Coordinator	Hyderabad
14	Er. N Venkatesh	Vice Chair - Industry Relations	Hyderabad
15	Er. Sabarinath Pillai	Vice Chair-Professional Activities	Kerala
16	Dr. Bindumadhava	Vice Chair - Conferences	Bangalore
17	Dr. D. Devraj	Vice Chair - Educational Activities	Madras
18	Dr Vinit Kotak	Vice Chair - Membership Development	Bombay
19	Dr. Chankya Jha	Vice Chair-HTA	Bombay
20	Dr. Satish Kumar Singh	Vice Chair-Operations, Outreach and Strategic Planning	Uttar Pradesh
21	Er. Archit Goswami	Vice Chair-YP & SCT	Delhi
22	Er. Vamsi Krishna J	VC-ECIM & News Letter Editor	Hyderabad
23	Er. Harish Mysore	India Office	Bangalore

Section Chairs

1	Er. Puneet K Mishra	Section Chair	Bangalore
2	Er. Abhay Phansikar	Section Chair	Bombay
3	Dr. Prerna Gaur	Section Chair	Delhi
4	Prof. Maniklal Das	Section Chair	Gujarat
5	Dr. Amit Kumar	Section Chair	Hyderabad
6	Er. Sarada Jayakrishnan	Section Chair	Kerela
7	Dr. Debabrati Sen	Section Chair	Kharagpur
8	Er. Sanjay Kar Chaudhary	Section Chair	Kolkata
9	Dr. N Kumarappan	Section Chair	Madras
10	Er. Girish Khilari	Section Chair	Pune
11	Dr. Asheesh K Singh	Section Chair	Uttar Pradesh

IEEE INDIA CovidMove Hackathon

With the rapid outbreak of COVID-19 throughout the world, IEEE India Council took up an initiative to organize the "IEEE India COVID Move - Online Hackathon Challenge" in collaboration with IEEE Hyderabad Section and IEEE Bangalore Section by providing a platform for the young minds to ameliorate their technical dexterity. The Four - day Hackathon Challenge focused on the advancement of innovative solutions of unmet needs and problems due to the sudden outbreak of COVID-19 pandemic.

Students all over India could participate and work as a team towards a common goal of building a successful project in order to overcome the current situation by working upon the solutions to different problems. The event was preceded by a Webinar by Dr D. R. Srinivas, Bengaluru based Senior Consultant Doctor and Dr G. K. Goswami a Delhi based IPS officer. The results for the event are as follows:

First Prize	Second Prize	Third Prize
Covid 11Mhz & Innovate Plus	**SSN COVID & Be Aware**	**Hand gloves preparation & Med Warriors**

for winners details visit : *https://bit.ly/IEEECOVIDMOVEHACK*

Shri Pralhad Chhabria Awards 2020

The year 2020 is the third edition of Shri Pralhad Chhabria Awards. The awards are given in recognition and support of Shri Pralhad P Chhabria's dream to empower women and instil in them the confidence to believe in their abilities to make the society better. He encouraged girls to be courageous in pursuing their professional and personal aspirations without allowing gender biases to hinder their path to success. In his honour, Hope Foundation and Research Centre, IEEE India Council and Women in Engineering (WIE) Affinity Group, IEEE Pune Section has introduced two awards to recognize and applaud outstanding female students specifically from the faculties of Science, Engineering or Technology as well as young women Scientists, Engineers or Technocrats who are in their early career stage which are given away to them on march 12th, every year. This year, the winners are Ms Janani R for Shri Pralhad Chhabria Awards 2020 - BEST OUTGOING FEMALE STUDENT and Shri Pralhad Chhabria Awards 2020 - BEST WOMAN PROFESSIONAL (EARLY CAREER) is shared by Dr. Anupama Kowli Assistant Professor with the Department of Electrical Engineering, Indian Institute of Technology Bombay (IITB), Mumbai and Dr. Esther Florence Sumarsingh Associate Professor at SSN College of Engineering, Chennai.

INDICON 2020 - IEEE India Council Conference

INDICON is the flagship annual international conference of the IEEE India Council. It has its origins in the Annual Convention and Exhibition (ACE) of the Council, which transformed into INDICON in 2004 hosted by IIT Kharagpur. The 17th IEEE India Council International Conference (INDICON 2020) is being organized by IEEE Delhi Section from 11th to 13th December 2020, at Netaji Subhas University of Technology under the able guidance of the General Chair of the conference Prof. Prerna Gaur.

The Conference aims to provide an active platform for research scientists, engineers, and practitioners throughout the world to present their latest research findings, ideas, and applications in the fields of interest which fall under the scope of IEEE. The committee has invited prospective authors to submit original research papers describing new theoretical and/or experimental research results under the following tracks (but are not limited to):

- Track-1: Computer and Information Technology
- Track-2: Electronics and Nanotechnology
- Track-3: Power and Energy
- Track-4: Communications and Signal Processing
- Track-5: Control and Instrumentation
- Track-6: Engineering in Medicine and Biology
- Special Tracks: Product Safety & Reliability Engineering, Social and Humanitarian Implications of Technology, Theoretical Computer Science, Emerging technologies and their applications in education, publications, tourism, healthcare, agriculture etc, Geoscience and Remote Sensing, Photonics and Nanotechnology.

The Presented papers will be included in the proceedings of IEEE INDICON 2020 in IEEE Xplore subject to meeting IEEE quality standards. The call for papers has been released and the deadline for the full paper submission is 15th May 2020. Various proposals for Tutorials, Workshops and Focused Sessions (on topics like corresponding to the theme and tracks) are also solicited by the organizing committee. Further details of the conference can be found at their website *https://www.indicon2020.in*

INDISCON 2020 - First Ever Subsections Conference

First-ever IEEE India Council Subsections Conference 2020 **(INDISCON 2020)** will be organized in association with Vizag Bay Sub-Section of IEEE Hyderabad Section and GVP College of Engineering, Visakhapatnam. The theme of the conference is **"Smart and Sustainable Systems – Decade Ahead"** which is focused on meeting the objectives of IEEE's Vision & Mission. The objective of the conference is to provide a platform for the scientific and engineering community to discuss research outcomes of academicians, researchers, industry practitioners, policymakers and government authorities from India and abroad that creates a volume of contributions to the stakeholders. The proposed tracks in the conference cover frontier areas of technology for meeting sustainable development goals that aim to achieve economic growth, social equity, and environmental protection. The conference is scheduled for **25th - 26th July 2020** at the Gayatri Vidya Parishad College of Engineering (A), Madhurawada, Visakhapatnam, India.

The proposed Tracks for the Conference are:

- Smart and Sustainable Digital Communication Systems.
- Smart and Sustainable Information Systems.
- Smart and Sustainable Energy Grids.
- Smart and Sustainable Materials and Manufacturing.
- Smart and Sustainable Infrastructure and Construction Technology.
- Process Technologies for Sustainable Environment.

Detailed topics and further information can be obtained from http://www.indiscon2020.org

Professionals, Academicians, Researchers and students are invited to submit full papers through the easy chair here: https://bit.ly/Indiscon2020

The conference proceedings (accepted and presented papers) will be submitted to the IEEE Xplore for publication.

Important Dates:

Last date for submission of papers	:	30th April, 2020.
Notification of Acceptance	:	30th May, 2020.
Last date for submission of camera-ready paper	:	15th June, 2020.
Closure of registration	:	15th July, 2020.
Conference dates	:	25th - 26th July, 2020.

IEEE Bangalore Section Activities

1. Annual General Meeting (AGM)

The Bangalore Section Annual General Meeting was held on 5th Jan 2020 and hosted by Ramaiah Institute of Technology, Bangalore. Over 1200 members, both professionals and students attended the meet. New ExCom members under the chairmanship of Mr. Puneet Mishra took over the Sections' responsibility with the vision of "Mission 2020". In his address, Mr. Puneet Kumar Mishra mentioned 10 action points to be accomplished in the year 2020 and named it #Misson2020.

2. Branch Counsellor (BC Meet)

The Branch Counsellor meet of the year 2020 was organized on 9 Feb 2020 at BNM Institute of Technology, Bangalore. 300+ participants including 52 Branch Counsellors, 55 Student chairs, 55 membership Development Chairs, 10 Young Professionals, 10 ExCom Members Bangalore Section, 50 WIE members, 20 invited faculty and students attended the meet. The main objective of this full-day event was to update with new IEEE Bangalore Section amendments with respect to organizing IEEE Events, Events Reporting, vTools training, Section Annual Fund and many other important points. Another objective was to help student branches in obtaining section rebates and guidance to keep the IEEE Student Branch very active. In addition, the Road map for the success of "IEEE Bangalore Section Mission 2020" was also included in the agenda.

3. Faculty Conclave

The first-ever "IEEE Faculty Conclave" in Mysore region was organized by IEEE Bangalore section at NIE Institute of Technology, Mysore on 29th Feb 2020. More than 150 faculty members from various engineering colleges were present for the event. The objective of this Focused Faculty Conclave was to make the faculty members aware about IEEE and its membership benefits. Mr. Puneet Kumar Mishra, Chairperson, IEEE Bangalore Section, provided insight into the workings of IEEE and IEEE Bangalore section. He highlighted the activities conducted by the Bangalore section and discussed about events to be organized in the future. Raghavendra Prasad, SAC Chair, IEEE Bangalore Section spoke about continuing professional education online courses through the IEEE eLearning Library, Society educational offerings and IEEE Certificate program. IEEE Membership benefits and opportunities were presented by Dr D N Sujatha, SAC Co-Chair, IEEE Bangalore Section. Dr Prasant Misra, Treasurer, IEEE Bangalore Section gave a speech on mobility and its use to solve social problems.

Dr Parameshachari B D, Mysore Region Coordinator, IEEE Bangalore Section delivered a talk on how Senior Member Elevation Program happens at IEEE and also briefed the requirement & Benefits of IEEE Senior Members. WIE Affinity group benefits and opportunities and Concluding remarks were given by Dr Bindu A Thomas, Mysore Region Coordinator, IEEE Bangalore Section.

IEEE Delhi Section Activities

1. Rajasthan Subsection Congress - RSC 2020

Rajasthan Subsection Congress (RSC'20) was organized by IEEE Delhi Section in collaboration with IEEE Rajasthan Sub Section on 12th January 2020. Nearly 150 delegates from 20+ colleges participated which included students and faculty from Manipal University, Government Engineering College (GEC), Mody University, Chandigarh University, BITS Pilani, IIT Jodhpur, Poornima University, The NorthCap University, Manav Rachna University.

2. Delhi Section Annual General Meeting (AGM)

The Section Annual General Meeting was held on February 22, 2020 at Netaji Subhas University of Technology (NSUT), New Delhi. The Section Chair Prof. Prerna Gaur reiterated the Section's commitment to cater to diverse learning opportunities for everyone through a myriad of platforms. Further, the meeting emphasized on the milestones achieved by the section, this included fostering a flourishing community of nearly 5000 active members and 88 student branches.

IEEE Hyderabad Section Activities

1. IEEE COVID MOVE

All IEEE Indian sections have canceled face to face meetings, technical events and converted to be organized only into the virtual model to support the Indian Government guidelines. IEEE volunteers at Hyderabad in collaboration with IEEE India Council Humanitarian Activity committee are fighting against this vulnerable virus by launching an initiative called IEEE COVID MOVE (www.ieeecovidmove.in) – A dedicated website to keep you posted on whereabouts of deadly COVID in India, what to do, where to go, what to rely on and how not to panic! The website and its social campaign have reached more than 10000 people making an impact to 100s of people every day by spreading COVID related useful resources in India, information on the do's and don'ts, curbing fake information, and saving lives. Team of dedicated volunteers turned soldiers are working day and night to keep this mission on until we all fight and win this battle together.

Team of dedicated volunteers turned soldiers are working day and night to keep this mission on until we all fight and win this battle together.

2. Guntur Sub Section

IEEE Guntur Sub Section organized a two-day Zonal Student Congress on 3rd and 4th, January 2020 which was hosted by IEEE Student Branch of Vignan's Foundation for Science, Technology & Research (Deemed to be University) with the theme, "Capabilities for Industry 4.0". The congress served as a platform to unite the Student Branches of Guntur Subsection to come together, share their thoughts, innovations and best practices, to learn and gain knowledge from industry leaders. The keynote session was delivered by Sri D. Rama Krishna, CEO, Efftronics Systems Pvt. Ltd, Vijayawada who shared facts about the industrial revolution

3. Vizag Bay Sub Section:

IEEE Vizag Bay Sub Section organized a one-day Student Congress with the theme, "Sustainable Employment with Industry 4.0" on the 25 January 2020.with more than 150 students across Andhra Pradesh. Prof. V. Krishna Mohan, Registrar, Andhra University and Dr B.K. Sahu, Regional Manager, NRDC IPFC &TISC, Government of India had delivered their keynote sessions on entrepreneurship, patents and the current scope for invention and research. Mr. Murali Manohar Rao Bulusu, Vice President, Strategic marketing, Sankhya Technologies delivered his talk on the theme "Sustainable Employment" that would help anindividual in his/her personal growth and Dr. G. SreeLakshmi, chairperson, SAC, Hyderabad section enriched students about the benefits of IEEE membership.

4. All Hyderabad Women in Engineering Student Congress (AHWIESC'20)

All Hyderabad Section Women in Engineering Student Congress is the first of its kind in the history of the IEEE Hyderabad Section. This was a massive three-day event with students from different sections, which was the amalgamation of both technology and fun organised at Geethanjali College of Engineering and Technology, Hyderabad from 5th march, 2020 to 7th march, 2020 with the theme "Innovate for Change". The objective was to spread the benefits of WIE membership and to eradicate the technological challenges that are being faced by women in the community. The keynote address was delivered by Susan Kathy Land, IEEE President-Elect. Different technical and motivational talks of eminent persons from the government and corporate sectors were organized.

IEEE Kerala Section Activities

1. PESGRE'2020

The first biennial IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy, PESGRE'2020 was organized on 2nd, 3rd & 4th January 2020 on the theme of "Power Electronics and renewable energy for sustainable development" by IA/IE/PELS Jt. Chapter Kerala and was co-sponsored by the IEEE Industry Applications Society, IEEE Power Electronics Society, and IEEE Kerala Section. The conference focused on the challenges, latest developments and upcoming technologies in power electronic systems, electric drives, renewable energy resources and the operation in the smart grid environment where non-stop activities, stimulating discussions, and prolific exchange of ideas between 480 researchers and professionals from 15 countries took place. PESGRE'2020 had received 483 submissions from 19 countries and after a rigorous review process involving 38 technical program chairs and 386 reviewers, 301 submissions were received and finally, 298 papers from 15 countries were presented in the conference.

2. IEEE IAS SB Chapter Inauguration

IEEE Industry Applications Society of Mar Basaleous Christian College of Engineering & Technology Peermade was inaugurated on 9th March 2020 by Er. A. Shajahan, Managing Director, Kerala Automobiles Limited along with Dr C. Pradeep, Principal, MBCCET, Peermade and Prof. K. Biju, Vice-Chair, IA/IE/PELS Jt. The chapter where the inaugural included two informative technical keynote sessions on "The sustainable development of e-vehicle' by Er. Shajahan and on "Fundamentals of Power Electronics" by Prof. K. Biju. Attendees: IEEE- 53, Non IEEE- 70.

3. WIE Track

Women are always strong. It's about changing the way, the world perceives strength. A one-week program was launched under IEEE IA/IE/PELS Jt. Chapter Kerala from 2nd-9th March 2020 as part of the WIE day celebrations. The activities were organized in 8 various IAS SB chapters across Kerala.

The events include:

- Opportunities for Women Engineers- a tech talk organised on 3rd March 2020 by Industry Applications Society, IEEE Student Branch, College of Engineering Chengannur.
- Prathivadh- a debate competition, conducted on 4th March 2020 by IEEE RCET IAS chapter.
- Wie Writes and Online Group Discussion- an online write-up inter-college event from 5th March 2020 on the topic "me as a girl".
- Women's Day special Weekly Talk in association with WIE-TEC: IEEE IAS SBC RIT has conducted a Women's Day special technical talk on 7th March 2020 with 50 participants.
- LED bulb Making Workshop and Awareness Class- an LED lamp assembly training and Awareness Class on COVID-19 and Energy conservation for Peermade Development Society (PDS) by IEEE IAS MBCCET on 8th March 2020.
- Her Story - interactive session organized by the WIE & IAS IEEE Student Branch ASIET, on 9th of March,2020 by Ms Megha Ben, Technical Sales Support, Siemens Ltd.
- TECH TALK- On 10th March 2020, the technical talk was conducted by Vaidehi C K, IAS Secretary on the topic "Women in Industrial Application" under the Women's Week activities of IAS Chapter of IEEE SB GCEK.

IEEE Kolkata Section Activities

1. Program on Development of Signal Processing Tools for ISTAS

On 4th December 2019, SPS Kolkata Chapter organized a Program on Development of Signal Processing Tools for Industry Standard Thermal Array Sensors(ISTAS) at Electrical Engg. Dept, Jadavpur University. Industry professionals from M/s NTPL Pvt. LTD was invited to provide the possible solutions for the processing of signals from Thermal Array sensors through hands-on.

2. Program on Signal Processing for Impulse Fault Classification of Transformers

On 12th December 2019, SPS Kolkata Chapter organized a Program on Signal Processing for Impulse Fault Classification of Transformers at Electrical Engg. Dept, Jadavpur University. Distinguished academicians are invited to discuss different signal processing tools and machine learning algorithms for the development of systems for identification and classification of impulse faults of transformers.

3. Lecture on Applications of Meta surfaces in High-Frequency Region

On 24th December 2019, A Lecture was delivered by Dr Somak Bhattacharyya on "Applications of Meta surfaces in High-Frequency Region" hosted by the IEEE AP/MTT Joint Chapter, University of Calcutta, Kolkata. International Seminar cum Research Colloquium on "MEMS-based Sensors and Smart Nanostructured Devices" was held at Jadavpur University on 27th December 2019. The program was sponsored by RUSA 2.0, IC Design & Fabrication Center, Dept. of ETCE and technically co-sponsored by IEEE EDS Kolkata Chapter.

4. NWDCN 2020 and ICDCN 2020

IEEE WIE, Kolkata Section, awarded young researchers, especially students and research scholars in "International Workshop on Networking Women In Distributed Computing And Networks (NWDCN 2020)" held in conjunction with the "International Conference On Distributed Computing And Networks (ICDCN 2020)" held at Hotel Hindustan International, Kolkata, on 4th January 2020. WIE Best Student/Research Scholar Paper Award goes to the Paper: A Brief Survey on Various Prediction Models for Detection of ADHDfrom Brain-MRI Images by Shristi Das Biswas, IIEST, Shibpur.
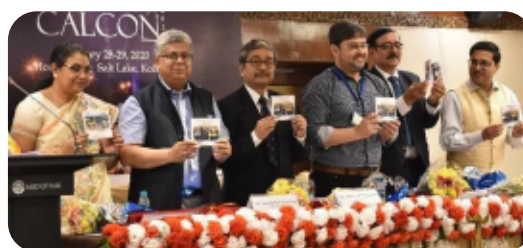
5. Annual General Meeting

The 41st Annual General Meeting of the IEEE Kolkata Section was held on January 15, 2020, at AC Shamiana of The Tollygunge Club, 120, Deshapran Sasmal Road, Kolkata-700 033.IEEE Kolkata Section organized a Social Meet at Fortune Park Panchwati, Kona Expressway, Howrah, West Bengal 711 403 on Sunday 23rd February 2020.

6. CALCON 2020

The 6th IEEE Kolkata Section's flagship conference CALCON -2020 was held during 28-29 February 2020 at Hotel Senses, Salt Lake, Sector –V, Kolkata-91. The focus of CALCON -2020 was for students and young professionals from academics and industry to engage themselves in good research and engineering for the benefit of society.

CALCON-2020 opened up good opportunities for the young professionals and students to learn from the eminent academicians from ISI Kolkata, IIT Bombay and IIT KGP who delivered keynote speeches in three Tracks: a) Electronics & Communications, b) Electrical and c) Computer Science. Altogether received 203 valid technical papers were received for consideration in the Conference. Of these, 68 papers were in Electronics & Communications Track, 83 papers were in Electrical Track and 52 papers were in Computer Science Track.

IEEE Pune Section Activities

1. Annual General Meeting

The annual general meeting of IEEE Pune Section was held on 10th January 2020. IEEE Pune section Awards were given in seven different categories by Mr Dinanath Kholkar, Ex- chairperson, IEEE Pune Section in the AGM. The Responsibilities were handed over to the new ExComm of Pune Section for the year 2020. This includes Mr Girish Khilari, Chairperson; Mr. Jagadish Choudhari, Vice Chairperson; Dr. Amar Buchade, Secretary; Dr Rajashree Jain, Treasurer.

2. Lecture on Towards Autonomous Video Surveillance

Signal Processing Society - Pune Chapter organized "Distinguished Lecture" by Prof Janusz Konrad, Professor (ECE) Boston University, Senior IEEE member, the United States on 14th January 2020, on the topic "Towards Autonomous Video Surveillance". The lecture was attended by 72 UG/PG/PhD students and Faculty of various departments from different institutions, out of which 22 members were IEEE Members.

3. Conference on Industry 4.0 Technology 2020

Conference on Industry 4.0 Technology - 2020 (I4Tech 2020) was organized from 13th-15th February 2020 by Department of Instrumentation Engineering and Computer Engineering, VIT, Pune

and was technically sponsored by IEEE Pune Section which included Dr Ramanujan Kashi's Keynote address and Dr Dhananjay Singh's talk on "Industry 4.0."

4. ESCI-2020

The second IEEE International Conference on "Emerging Smart Computing and Informatics-ESCI-2020" was organized at AISSMS IOIT, Pune co-sponsored by IEEE Pune Section. The three day conference scheduled from 12 to 14 March 2020 was inaugurated by Padma Bhushan Dr Vijay Bhatkar. This conference aimed to provide an allied platform to emerging trends in smart computing, networking, communication, automation, IoT signal and image

processing and also to provide an opportunity to global participants to share their ideas and experiences. The conference received overall 720 papers from which 73 papers were accepted for presentation and 50 papers for a poster presentation. To encourage research attitudes in UG students, the UG track was introduced at the conference.

IEEE Uttar Pradesh Section Activities

1. PARC'2020

International Conference on "Power Electronics and IoT Applications in Renewable Energy and its Control" (PARC'2020) was organized by Department of Electrical Engineering, GLA University, Mathura with the theme "Power Electronics, IoT and Renewable Energy applications" during 28-29 February 2020 sponsored by IEEE UP Section, IET as academic affiliate & partner and financially supported by PFC Consulting Limited. The conference was inaugurated on 28th February 2020 by Chief Guest Prof SN Singh, Vice-Chancellor, MMM University, Gorakhpur & IEEE India Council Chair, Guest of Honour Prof R C Bansal, Professor, University of Sharjah, UAE, Mr Sanjoy Baruah VP- Simpa Energy Ltd, Prof Anoop Kumar Gupta, Director – IAH & Dean Academic Affairs, GLA University, Mathura. Various Technologists were invited to the conference who delivered talks about the importance of power electronics, IoT, its application in the modern smart grid and the increasing integration of renewable energy due to increasing environmental concerns. The organizers received 260 research papers from 19 categories from various academicians and industry people across the globe, out of which 110 papers were reviewed by various industrialists.

2. CONFLUENCE 2020

Department of Computer Science and Engineering, Amity School of Engineering and Technology (ASET), Amity University, Uttar Pradesh organized the 10th International Conference CONFLUENCE-2020, on the theme of "Cloud Computing, Data Science and Engineering" at Amity Campus, Sector-125, Noida in industry partnership with AWS and academically with The University of QueenslandAustralia and many more across the globe. With high and positive energy, the summit was initiated by Honourable Chancellor Dr Atul Chauhan and Vice-Chancellor Prof. (Dr.) Balvinder Shukla. The Confluence witnessed 30+ international speakers from across the globe. There had been an overwhelming response for research paper submissions wherein 600 research paper submissions were received, out of which only 147 manuscripts that met requirements of high scientific quality and significance, originality, and priority which were registered and the presented will be sent to IEEE Xplore Digital Library for publication and all published papers will be indexed in SCOPUS.
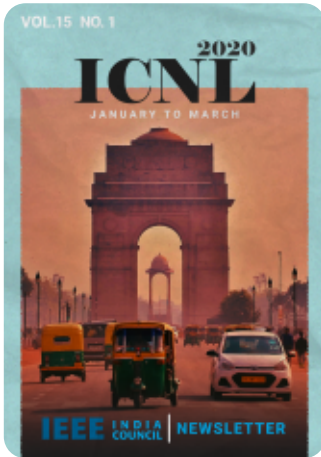
3. 2020 International Conference on Electrical and Electronics Engineering

The 2020 International Conference on Electrical and Electronics Engineering (ICE3-2020) was jointly organized by Madan Mohan Malaviya University of Technology (MMMUT) Gorakhpur and North Dakota State University, Fargo, USA, held at MMMUT Gorakhpur from 14th-15th February 2020. The conference was technically and financially sponsored by IEEE Uttar Pradesh Section and co-sponsored by IEEE IAS.

IEEE India Council meeting of the Executive Committee was held at Swarna Jayanti Hall, MMMUT Gorakhpur on 14th February 2020 in parallel to the conference. There was a total of 158 papers scheduled for presentation out of which 152 were presented in 24 Technical Sessions, including 10 papers presented through means of Skype. Besides, an MOU was also signed between MMMUT Gorakhpur and NISE, India to collaborate especially in the areas of Solar Energy through innovative research & training. The DG NISE Dr. A. K. Tripathi, Chief Guest of ICE3-2020 also visited the Solar Insolation Centre established in MMMUT campus which is one of the 112 insolation centers of MNRE, Government of India.

About Cover

This Quater-1 Issue of India Council's Newsletter features the historic monument built in 1931 and situated in the Capital of this country, the prestigious India Gate. Inspired by the Arc de Triomphe in Paris and constructed in red sandstone and granite, India Gate stands 42 m tall, majestically looking over the city of Delhi. Located at the heart of India, this symbol is dedicated to martyrs who laid down their lives for this country and built its foundation. This feature echoes with our theme of saluting the brave front line warriors who are risking their lives daily to fight the COVID-19 Pandemic.

Contact Us

For Section related queries:

SECTION	WEBSITE	SECTION CHAIR	E-MAIL ID
Bangalore	http://ieeebangalore.org/	Er. Puneet K Mishra	mishra_puneet@ieee.org
Bombay	http://ieeebombay.org	Er. Abhay A Phansikar	ieeeaap@gmail.com
Delhi	https://ewh.ieee.org/r10/delhi/	Dr. Prerna Gaur	prernagaur@yahoo.com
Gujarat	http://ieeegujaratsection.org	Prof. Manik Lal Das	maniklal@gmail.com
Hyderabad	http://www.ieeehyd.org/	Dr. Amit Kumar	dramit.kumaar@gmail.com
Kerala	http://www.ieeekerala.org/	Er. Sarada Jayakrishnan	sarada.jk@ieee.org
Kharagpur	https://site.ieee.org/kharagpur/	Dr. Debabrati Sen	debarati@gssst.iitkgp.ernet.in
Kolkatta	http://ewh.ieee.org/r10/calcutta/	Er. Sanjay Kar Chowdhury	sanjay.chowdhury@rpsg.in
Madras	http://site.ieee.org/madras/	Dr. N Kumarappan	kumarappan.ieee@gmail.com
Pune	https://ieeepunesection.org/	Er. Girish Khilari	gkhilari@hotmail.com
Uttar Pradesh	http://www.ieeeup.org/	Dr. Asheesh K Singh	asheesh@mnnit.ac.in

To reach out to ECIM team, Contact us at:

https://site.ieee.org/indiacouncil

IEEE India Council

ic-ecim@ieee.org