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From the desk of *former* ECC

My dear esteemed Members,

The last issue of 2024 from May to December is being issued with conference update, new Section Executive Committee for 2025, brief report on symposium / conferences, awards and accolades, achievements, membership strength, etc. In fact, with the current edition of *ieeedelhinews*, the e-newsletter of the Section completes its journey of 24 years, starting from January 2001. For ready reference, from the rich history of the Section attached is a copy of the compiled e-newsletters of the very first year, *ieeedelhinews-01.pdf* for your perusal.

With best regards and wishes,

(Dr. Subrata Mukhopadhyay)
IEEE Delhi Section
January 19, 2025 (*Sunday*)
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 (*as on 19 January 2025*)

Held in 2024 (18, i.e., 16 as approved, and for 2 NO OBJECTION / concurring approval issued, **a record, almost 1% of IEEE**)

- IEEE Conf # 61295*18th edition of INDIACom i.e. **INDIACom – 2024**; 2024 11th International Conference on "Computing for Sustainable Global Development", held during 28th – 01st March, 2024 at Bharati Vidyapeeth, New Delhi, India (with Conference website having URL: <http://bvicam.ac.in/indiacom/>)

*Note: As accessible from IEEE Conference site (with the last 5 digits standing for the IEEE Conf #): (https://conferences.ieee.org/conferences_events/conferences/conferencedetails/61295)

- IEEE Conf # 62430 **Financially Co-Sponsored** by **IEEE PES-IAS Delhi Chapter, & IEEE PELS-IES Delhi Chapter**, while IEEE Delhi Section, and IEEE IAS as Technical Sponsors, 2024 Third IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (**ICPEICES 2024**), held during 26-28 April 2024 at Delhi Technological University (DTU), Delhi, India (with Conference website having URL: <https://icpeices2024.com/>)

- IEEE Conf # 61598 2nd International Conference on Advancement in Computation & Computer Technologies (**InCACCT**) – 2024, held during 2-3 May 2024 organized by the Department of Computer Science and Engineering, University Institute of Engineering (UIE), Chandigarh University, Gharuan, Punjab, 140413, India (with Conference website having URL: <https://www.icacct-cu.com/>)

- IEEE Conf # 61804 International Conference on Intelligent Systems for Cybersecurity (**ISCS**), held during 3-4 May 2024 at The NorthCap University, Gurugram, HR, India (with Conference website having URL: <https://iscs2024.ncuindia.edu/>)

- IEEE Conf # 61068 **Financially Co-Sponsored** by **National Institute of Technology Kurukshetra Kurukshetra, Haryana, India, and IEEE Delhi Section** 2023 Second IEEE International Conference on Measurement, Instrumentation, Control, and Automation (**ICMICA-2023**), held during 3-5 May 2024 at National Institute of Technology Kurukshetra Kurukshetra, India (with Conference website having URL: www.icmica2023.com)

- IEEE Conf # 60014 International Conference on Computational Intelligence and Computing Applications-2024

(**ICCICA24**), held during 23-24 May 2024 at Panipat Institute of Engineering and Technology (PIET), 70 Milestone, Grand Trunk Rd, Samalkha, Haryana 132102, INDIA (with Conference website having URL: <https://www.piet.co.in/ICCICA24/>)

- **IEEE Conf # 61846** 1st "International Conference on Integrated Circuits, Communication, and Computing Systems" (**ICIC3S**), held during 8-9 June 2024 organized by Indian Institute of Information Technology Una (IIIT Una), HP, India (with Conference website having URL: <https://iiitu.ac.in/icic3s2024/>)

- **IEEE Conf # 62152** First International Conference on Pioneering Developments in Computer Science & Digital Technologies (**IC²SDT 2024**), held during August 02-04, 2024 organized by the Department of Computer Science & Engineering, Administrative Block, National Institute of Technology Delhi, Plot No. FA7, Zone, P1, GT Karnal Road, Delhi - 110036, INDIA (with Conference website having URL: <https://www.ic2sdt.com>)

- **IEEE Conf # 61809** First International Conference on Electronics, Communication and Signal Processing (**ICECSP 2024**), held during 8-10 August 2024, by the Department of Electronics and Communication Engineering, National Institute of Technology Delhi, India (with Conference website having URL: <https://www.icecsp.in/>)

- **IEEE Conf # 62179** 5th IEEE India Council International Subsections Conference (**INDISCON 2024**) held during 22-24 August 2024 by Punjab Engineering College (Deemed to be University), Sector-12, Chandigarh 160012, India (with Conference website having URL: <https://ieeaindiscon.org/>)

with 'NO OBJECTION' by the IEEE Delhi Section and **IEEE India Council, and Chandigarh Subsection** as Financial Co-Sponsors

- **IEEE Conf # 61132** *Financially Co-Sponsored* by **IEEE Delhi Section, & IEEE Region 10 Asia-Pacific, and Technically Co-Sponsored** by **IEEE CS (TCCLD), PES, IAS, EDS, CSS, & ITSS, 2024 IEEE TENSYP**, held during 27-29 September 2024 at New Delhi, India (with Conference website having URL: <https://ieeedelhi-tensymp2024.org/>)

- **IEEE Conf # 65274** 2024 IEEE

International Symposium on Integrated Circuits and Systems (**ISICAS**), held during October 18-19, 2024 at WelcomHotel, Dwarka, New Delhi, India jointly organized by IEEE Circuits and Systems Society and IEEE Delhi Section CASS-CSS Chapter (with Conference website having URL: <https://isicas2024.org/>)

- **IEEE Conf # 62401** The 12th International Conference on Internet of Everything, Microwave, Embedded, Communication, and Networks (**IEMECON 2024**), held during 24-26 October 2024, by the University of Engineering & Management, Jaipur, RJ, India (with Conference website having URL: <http://iemean.uem.edu.in/>)

- **IEEE Conf # 64804** IEEE Delhi Section Flagship Conference **2024 Third IEEE DELCON**, held during 21-23 November 2024 at Bharati Vidyapeeth Delhi Campus, A-4 Paschim Vihar, New Delhi - 110063, Delhi, INDIA (with Conference website having URL: <http://bvicam.ac.in/Delcon2024/>)

- **IEEE Conf # 64383** 2nd International conference on Advances in Computing, Communication and information technology (**ICAICIT-2024**), held during 28-29 November 2024 (Thursday-Friday) by the Department of Computer Science & Engineering, School of Engineering & Technology, Manav Rachna International Institute of Research and Studies (MRIIRS) (Formerly Manav Rachna International University, (MRIU), Delhi Surajkund Road, Sector 43, Faridabad, Haryana-121004 (with Conference website having URL: <https://icaiccit2024.vercel.app/>)

- **IEEE Conf # 63519** *Financially Co-Sponsored* by **IEEE PES-IAS Delhi Chapter, IEEE PELS-IES Delhi Chapter, and IEEE Rajasthan Subsection**, while IEEE Delhi Section, IEEE PELS, and IEEE IAS as Technical Sponsors 2024 Eleventh IEEE Power India International Conference (**PIICON 2024**), held during 10-12 December 2024 by Malaviya National Institute of Technology Jaipur (MNIT Jaipur), India (with Conference website having URL: <https://piicon2024.org>)

- **IEEE Conf # 63638** 1st International Conference on Sustainability and Technological Advancements in Engineering Domain, held during 13-14 December 2024 at Manav Rachna International Institute of Research and Studies, Sector 43, Faridabad, Haryana 121004, India (with

Conference website having URL: <https://www.sustained2024.in/>)

with 'NO OBJECTION' by the IEEE Delhi Section and **IEEE India Council** as Technical Sponsor

- IEEE Conf # 64653 2024 Eighth International Conference on Parallel, Distributed and Grid Computing (**PDGC 2024**), held during 18-th - 20-th December, 2024 at Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh, India - Pin Code: 173234 (with Conference website having URL: <https://www.juit.ac.in/pdgc-2024/index1.php>)

Section approved to be Technical Sponsor

To be held in 2025 (08)

- IEEE Conf # XXXXX 7 th International Conference on Signal Processing, Computing and Control (**ISPPC 2k25**), during 6 th - 8 th March, 2025 at Jaypee University of Information Technology, Wagnaghat, Solan, H.P., India (with Conference website having URL: http://www.juit.ac.in/isppc_2025)

- IEEE Conf # 66777 INDIACom - 2025 19th INDIACom; 2025 12th International Conference on Computing for Sustainable Global Development, during 02nd – 04th April, 2025 (03 Days) at Bharati Vidyapeeth, A-4, Paschim Vihar, Rohtak Road, New Delhi – 110063 (with Conference website having URL: <https://bvicam.ac.in/indiacom/>)

- IEEE Conf # 65424 3rd International Conference on Advancement in Computation & Computer Technologies (**InCACCT**) – **2025**, during Two Days, of 17-th April 2025 (Thursday) – 18-th April 2025 (Friday) at Chandigarh University, Gharuan, Punjab, 140413, India (with Conference website having URL: <https://www.cuchd.in/incacct/>)

- IEEE Conf # 65877 3rd International Conference on Network and Cryptology (**NETCRYPT-2025**), during May 29-31, 2025 at Jawaharlal Nehru University (JNU), New Delhi 110067, INDIA (with Conference website having URL: <https://www.netcrypt.org.in>)

- IEEE Conf # XXXXX International Conference on Electronics, AI and Computing (**EAIC-2025**), during 5th to 7th June, 2025 at Dr B R Ambedkar National Institute of Technology Jalandhar, Punjab India (with Conference website having URL: <https://eaicnitj.com/>)

- IEEE Conf # XXXXX 2025 2nd International Conference On Multidisciplinary Research and Innovations in Engineering (**MRIE-2025**) during 30th and 31st July 2025 (in Hybrid Mode) at K.R. Mangalam University, Sohna Road, Gurugram, Haryana 122103, India (with Conference website having URL: <https://mrie2025.krmangalam.edu.in/>)

- IEEE Conf # XXXXX 2nd International Conference On Computational Intelligence and Computing Applications (**ICCICA-2025**) during Two days of 30th October 2025, 31st October 2025) at Panipat Institute of Engineering and Technology (PIET), Panipat, Department of Computer Science and Engineering, Samalkha, Panipat, Haryana, INDIA (with Conference website having URL: <https://www.piet.co.in/ICCICA25/>)

- IEEE Conf # XXXXX 8-th International Conference on "Emerging Technologies in Computer Engineering: Advances in Computing, Healthcare and Smart Systems" (**ICETCE-2025**), during 21/11/2025 (Friday) to 22/11/2025 (Saturday) at Swami Keshvanand Institute of Technology, Management, Gramothan (SKIT), Jaipur, Ramnagariya Rd, Shivam Nagar, Jagatpura, Jaipur, Rajasthan 302017, India (with Conference website having URL: <https://icetce.skit.ac.in/2025>)

To be held in 2026 (01)

- IEEE Conf # 65817 International Conference on Signal Processing and Electronics Design-2026 (**ICSPED-2026**), during 23-24 January 2026 by Chandigarh College of Engineering and Technology (Degree Wing), Sector-26, Chandigarh (with Conference website having URL: <http://www.ccet.ac.in/ICSPED>)

Under consideration:

Live (06)

-The 13th International conference on Intelligent Embedded, MicroElectronics, Communication and Optical Networks (IEMECON) 2025, during 06/11/2025 to 08/11/2025 in the University of Engineering & Management, Jaipur, Rajasthan, India (with Conference website having URL: <https://iemecon2025.uem.edu.in/>)

- 1st International Conference on Advancing Sustainable Solutions through Technologies

(ICASST-2025) during 06th- 07th November, 2025 by the Department of Engineering & Technology, Gurugram University, Gurugram, Haryana (with Conference website having URL: <https://icasst2025.gurugramuniversity.ac.in>)

- 1st International Conference on Digital Innovations for Sustainable Solutions (ICDISS – 2025) during 14th- 15th November, 2025 at Manav Rachna International Institute of Research and Studies (MRIIRS) (with Conference website having URL: <https://manavrachna.edu.in/icdiss/>)

- International Conference on Emerging Technology, and Intelligent Systems (ICETIS-2025), during 6th-8th Nov, 2025, at Chandigarh Engineering College, Chandigarh Group of Colleges, Jhanjeri -140307, Mohali, Punjab, India (with Conference website having URL: <https://icetis.cgc.ac.in>)

- The fourth Edition of IEEE DELCON in 2025 with the Proposed Theme of the International Conference as "Recent Smart Technologies in Engineering for Sustainable Development", during 31st October – 2nd November 2025 at Jamia Millia Islamia, New Delhi (with Conference website having URL: www.jamiadelcon2025.com)

- 2nd International Conference on Sustainable Technology for Energy and Power Systems 2025 (STEPS 2025) during 14-16 March 2025 (Multi-days) at NIT Srinagar (with Conference website having URL: <https://step2024.github.io/index.html>)

Section Executive Committee for 2025

Upon open election after expression of interest sought from the GSM and Higher Grade Members by the Section Nomination Standing Committee with Prof. Rachana Garg as Chair, Prof. Bhim Singh, & Prof. Subrata Mukhopadhyay as Members, and Members volunteered to serve in the Section Executive Committee for 2025, Executive Committee for 2025 was formed as below –

Prof. M. N. Hoda (BVICAM) - Chairperson
Prof. Jasdeep Kaur Dhanoa (IGTDUW) – Exec Vice Chair
Prof. Rajnish Sharma (Chitkara University, HP) - Vice Chair
Dr. Sneha Kabra (DU) - Secretary

Dr. Shruti Jain (Jaypee Univ., Wagnaghat) – Joint Secretary

Dr. Anshul Varshney (NPL) - Treasurer
Prof. Abdul Q. Ansari (JMI) - Past Chairperson

Dr. Bhavnesh Kumar (NSUT) - Member
Dr. Meenu Gupta (Chandi Univ.) - Member
Dr. Anjaneesh Mishra (NSUT) - Member
Prof. Sanjeev Yadav (Central Univ., Jammu) - Member

Dr. Ashish Khanna (MAIT) - Member
Mr. Ajay Goel (Nagaro) – Member
Mr. Ramneek Kalra (Amazon India) - Member

Dr. Simranjit Suman (PEC, *deemed* Univ,) - Member

Dr. Richa Gupta (Jamia Hamdard) – Member

A brief report on IEEE DELCON 2023

Submitted by: Prof. Rajnish Sharma

Chitkara University

Organized and Hosted

IEEE Delhi Section Conference

that featured Nationwide Participation

Academic conferences play a significant role in research enhancement and promotion by offering knowledge sharing and networking opportunities for all stakeholders including students, academicians, industry professionals, scientists, researchers, etc. During February 24-26, 2023 Chitkara University organized and hosted the flagship IEEE Delhi Section owned conference – DELCON 2023, that was attended by over 350 delegates from different parts of the world.



IEEE is the largest organization of the world of technical professionals having more than 4 lakh members. IEEE Delhi section is one the 13 IEEE sections in India and Chitkara University has been associated with IEEE Delhi section since more than a decade.

DELCON 2023 was the 2nd Edition of the conference that was organized with a theme Technological Advancements in Current Times for the Benefit of Humanity, which drew inspiration from the tagline of IEEE.



The inauguration ceremony of the conference was held on February 24 and it was attended by the leaders of Chitkara University headed by Dr. Madhu Chitkara – Pro-Chancellor, Chitkara University and Dr. Archana Mantri – Vice Chancellor, Chitkara University, Punjab, and stalwarts of IEEE Delhi section executive committee headed by Dr. Subrata Mukhopadhyay (Life Member , IEEE), Dr. Abdul Q. Ansari (Chair, IEEE Delhi Section), and Dr. Rachana Garg (Immediate Past Chair, IEEE Delhi Section). Dr. Mantri welcomed all the delegates of conference to Chitkara University and gave them insights about the research ecosystem of the university, which is backed by robust intellectual property with over 4000 research publications, 2200 patents, huge research funding of over 80 Crores, and growing start-up system having close to 200 start-ups already incubated.

Prof. Ansari in his address, congratulated Chitkara University for putting up a fantastic show. He mentioned that he witnesses Celebration of Azadi Ka Amrit Mahotsav and Celebration of India's G20 Presidency in the

inauguration ceremony of DELCON 2023. Prof. Rachana Garg highlighted the activities of IEEE Delhi section in her address and mentioned that IEEE Delhi section is one of the most vibrant of the 13 IEEE sections of India. Mr. Deepak Mathur (Immediate Past Director, IEEE Asia-Pacific Region) mentioned that leadership team of IEEE Delhi section is doing an excellent job of conducting the professional activities of IEEE and management of Chitkara University always promote all IEEE initiatives and work closely with IEEE Delhi section. Dr. Debabrata Das (Chair, India Council) highlighted the importance of conferences like DELCON for the delegates in enhancing their knowledge and he thanked Chitkara University for hosting DECON 2023. The ceremony was concluded in the felicitation of all the invited guests, passing on the baton of DELCON 2024 to BVICAM, New Delhi by Dr. Madhu Chitkara, who in her concluding remarks encouraged students and young researchers to learn from the stalwarts of research through conferences like DELCON. She highlighted that international participation in Chitkara University conferences in due to our partnership with over 200 foreign universities in different capacities including joint academic programs, research programs, students' exchange programs, etc. Finally, she congratulated the core local organizing team of DELCON 2023 from Chitkara University comprising Dr. Rajnish Sharma (Pro VC, Academic Affairs), Sagar Juneja (Assistant Dean, Research) and Dr. Rishu Chhabra (Dean, CSE) for putting together a wonderful conference.



The only keynote address of the inaugural ceremony was delivered by Prof. Dr. Shiban Koul - Professor Emeritus, Indian Institute of Technology Delhi, New Delhi. He discussed about cutting-edge biomedical applications at very high radio frequencies of MHz to THz range. These applications includes non-

invasive treatments, remote-drug delivery, wearable systems, etc. Additionally, the conference featured 5 invited talks by the leading researchers on Day 2.

A total of 288 papers were received in the conference from almost all states of the country as well as abroad, which were peer reviewed by experienced researchers coming in from 165 different institutions. Of these, 108 papers were shortlisted that were presented over the course of three days of the conference in 17 tracks. Based on the evaluation of the 34 session chairs, one paper in each track was awarded the best paper presentation award. DELCON 2023 has touched and influenced more than 1000 individuals from over 300 different institutions of the world.

A brief report on IEEE TENSYP 2024

Submitted by: Prof. Purna Gaur

The IEEE Region 10 Symposium (TENSYP) 2024 was an exceptional three-day convention of knowledge exchange, innovation, and collaboration among some of the brightest minds worldwide. Bringing together scientists, engineers, and industry professionals, this flagship event of IEEE Region 10 (Asia-Pacific region) attracted participants from over 44 countries. The conference featured a wide range of paper presentations and discussions on cutting-edge technologies and solutions addressing global challenges. The event was held across two distinguished venues, with Day 1 at ITC WelcomHotel, Dwarka, New Delhi, and Day 2 and Day 3 at Netaji Subhas University of Technology (NSUT), Dwarka, Sector 3, New Delhi, from September 27th to September 29th, 2024.

With over 900 paper submissions from researchers worldwide, TENSYP 2024 became a center for technical discussions. A total of 350 were accepted, and finally, 238 papers were registered for presentation, 63 of which were delivered online, effectively. The Technical Program Committee, made up of experts from different fields, worked hard to review the submissions, ensuring the high quality of content TENSYP is known for. This commitment to quality was clear in the variety of topics and innovative research presented throughout the event.

The event started on September 27th, 2024,

at ITC WelcomHotel, Dwarka, with a ceremonial lamp lighting. This was followed by speeches from various guests, including Dr. V. Narayanan, Director of ISRO's Liquid Propulsion Systems Centre, who gave an inspiring keynote address about his experience in the aerospace industry. Other notable guests included Er. S R Narsimhan from Grid-India, IEEE Vice President MGA Er. Deepak Mathur, and IEEE Region 10 Director Prof. Lance Chun Che Fung, who shared their thoughts on important topics. The Vice Chancellor of NSUT, Prof. Anand Srivastava, and Chitkara University's Pro-Chancellor, Dr. Madhu Chitkara, also spoke about the need for technological advancements in education and industry. Special recognition was given to Prof. Purna Gaur and Prof. Subrata Mukhopadhyay, General Co-Chairs of IEEE TENSYP 2024, for their leadership and hard work. The inauguration concluded with a wonderful classical dance performance by Mudrakala, the Performing Arts Society of NSUT, showcasing India's rich culture.



A panel discussion on "Progressive Development in Power Sector Opportunities," moderated by Prof. Subrata Mukhopadhyay and Prof. Purna Gaur, featured experts from Industry, Er. Ashok Rajpoot from CEA, Er. Samir C Saxena from Grid-India, Er. Sanjay Sharma from SECI, and Prof. Bhim Singh from IIT Delhi, who shared valuable insights into trends and future opportunities in the power sector. They highlighted the importance of innovation and teamwork in tackling challenges in this field. Day 1 also included a notable Women in Engineering (WIE) session led by Er. Sangeeta Kaushik, ED, NTPC, who inspired many attendees with her talk about empowering women in engineering and technology. This session emphasized the importance of including everyone in technical

fields and highlighted initiatives aimed at increasing female participation in engineering. The interest shown by attendees during this session reflected a commitment to creating a diverse and welcoming environment in STEM fields.

The second day of TENSYP 2024 included various technical paper presentation sessions at the APJ Lecture Hall Complex, NSUT (Main Campus), Delhi, where authors shared their latest research. This event provided a unique chance for delegates to present their findings to session chairs, including prominent IEEE members from Industry and Academia from leading institutions like IITs, NITs, DTU, NSUT, IGDTUW etc. Each session included interactive Q&A rounds, where presenters answered important questions, helping them refine their research.

For authors who could not attend the event in person, online tracks were also available, allowing them to present their papers effectively. This flexibility ensured that more voices could be heard and valuable research could be shared, making the event even more impactful. A special session on "Tech-Driven Solutions for a Better Future" from R10HTC Track, featured distinguished speakers Prof. Amit Ved, Prof. Sneha Kabra, and Prof. Foram Chandarana, who guided participants through innovative strategies for addressing social needs through engineering solutions. Additionally, a significant panel discussion addressed India's changing role in the global supply chain and manufacturing landscape. The esteemed panelists provided valuable insights into this important topic.



A panel discussion on **"Way Ahead – India to be an Electronic Manufacturing Hub"** by esteemed experts in the field—Prof. Ranjan K Malik, Prof. Sujay Deb, Er. Rakesh

Malik, and Er. Preet Yadav. These industry-academia leaders shared their perspectives on the challenges and future possibilities for India's growth as an electronic manufacturing powerhouse, with particular attention to the role of women engineers and technologists in this transformation. Prof. Jasdeep Kaur Dhanoa and Prof. Rajnish Sharma moderated an engaging and forward-looking conversation that helped participants gain a deeper understanding of the future of electronics manufacturing in India.



The Special WIE & Education Track at TENSYP 2024 organized a Panel Discussion on "Tech-Driven Solutions for a Better Future," which brought together distinguished experts to explore how technology can drive impactful solutions for a brighter, more sustainable future. This session focused on the integration of technology into various fields and its potential to address the challenges we face today, with a special emphasis on the role of women and education in fostering innovation. Our esteemed panel includes Er. Deepak Mathur, Prof. Preeti Bajaj, Prof. Mridula Gupta, and Prof. Purna Gaur. These leaders will share their insights on how technology can be a force for positive change in society.

The session was moderated by Prof. Foram Chandarana and Dr. Rashmi Agarwal, ensuring a dynamic and engaging discussion. Day 2 also included hands-on mock interviews under IEEE Professional Activities, giving participants valuable chances to boost their careers. Experts from top companies like Microsoft, IBM, CDAC and TCS, along with academic professionals, led these interviews, allowing candidates to experience real interview situations. They received

personalized feedback on their performance, helping them understand how to improve their interview skills and presentation. This opportunity built their confidence and better prepared them for future job openings, showing TENSYP 2024's focus on technical knowledge and professional growth.



The day also featured a **hands-on EPICS workshop**, which provided participants with practical experience in developing innovative solutions to real-world challenges. This workshop encouraged teamwork and creative problem-solving, reflecting TENSYP's commitment to practical learning and community engagement. On the third day, the focus shifted to practical skills and community outreach. **The MOVE disaster management workshop** made a tangible impact by educating school students on emergency preparedness and response strategies. These sessions exemplified the broader vision of TENSYP, which seeks not only to advance technological innovation but also to apply these innovations for the betterment of society.

The day also featured a **highly anticipated panel discussion on "Artificial Intelligence (AI) and its future impact"**. Esteemed panelists from industry and academia explored the transformative role AI is playing across sectors, including healthcare, manufacturing, and finance, while also discussing the ethical considerations of AI adoption. The diverse perspectives shared during these discussions enriched the overall experience of the participants and sparked further dialogue on how technology can be harnessed for societal benefit. The final day included a networking session designed to connect participants, researchers, and industry professionals, fostering potential collaborations and

partnerships. The success of these sessions showcased the community spirit within the IEEE network and emphasized the importance of building connections in the field of technology.

The success of TENSYP 2024 was due to careful planning and dedicated efforts by the organizing team, led by Prof Subrata Mukhopadhyay, Prof Purna Gaur, General Co-Chairs, Prof. Rajneesh Sharma, Organizing Chair, Prof. D K Jain, TPC Chair, & supported by IEEE Delhi Section EXECOM and NSUT volunteers who played a crucial role in ensuring the smooth execution of the event. The combined efforts of the IEEE NSUT team, volunteers, and participants made TENSYP a truly memorable event.



Brief Report of IEEE DELCON-2024

Submitted by: Prof. M N Hoda

3rd Edition of the Flagship Conference of IEEE Delhi Section i.e. DELCON-2024 was successfully organized by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, during 21st – 23rd November, 2024. The conference aimed to provide a platform for academicians, researchers, and industry experts to share their knowledge and expertise on advancing technology for sustainable development. Over 1100 papers, authored by over 3600 authors, from all over of the world, were received under 8 thematic tracks. Based upon an initial scrutiny, 706 papers were found worth consideration for detailed technical review. After a series of tough review exercises, by a team of over 600 experts, 270 papers were recommended to be accepted for presentation in DELCON-2024 during the three days under different parallel tracks. These papers represent wide variety of research topics in all the emerging areas besides traditional and core computational areas.

During inaugural ceremony on 21st November, 2024, the conference featured keynote speeches by renowned experts in the field, including Mr. Manish Kumar (Managing Director and Business Unit Head, Nagarro), Mr. Ganesh Kashyap (Chief Executive Officer, Landis+Gyr India Ltd. and Global Development Center) and Prof. P. B. Sharma (Vice-Chancellor, Amity University, Haryana). Their thought-provoking speeches set the tone for the conference and provided valuable insights to the participants. The inaugural ceremony of the conference was followed by a cultural programme of vocal music by renowned vocal artists followed by

classical performance by students, showcasing the rich heritage and diversity of India.

The conference had 31 technical sessions (organized under 4 parallel tracks), where 270 research papers were presented by participants from various institutions. The technical sessions were chaired by renowned academicians and researchers, including Prof. J. K. Dhanoa, Prof. K. Subramanian, Prof. Rajnish Sharma, Prof. Purna Gaur, Prof. Rachana Garg, Prof. A. Q. Ansari, Prof. Shruti Jain, Prof. S. Mukhopadhyay, Prof. Rashmi Aggarwal, Prof. V. R. Singh, Prof. A. R. Faridi, Prof. A. Murli M. Rao, Prof. S. A. M. Rizvi, Prof. S. K. Muttoo, Prof. A. K. Saini, Prof. D. K. Lobiyal, Prof. M. M. Bundele, Prof. Kapil Sharma, Prof. P. S. Grover, Prof. S. M. K. Quadri, Prof. S. S. Tyagi and Prof. Mansaf Alam.

In each technical session, certificate distribution ceremony was featured where the presenters were awarded presentation certificate. Based on the session chairs' assessment of quality of research and presentations, top 5 paper presenters were awarded Best Paper Presentation Award (Certificate with Cash Prize).

The conference was a great success, with more than 700 participants attending from various institutions of India and abroad. The conference provided a platform for knowledge sharing, networking, and collaboration among academicians, researchers, and industry experts. BVICAM is grateful to all the participants, keynote speakers, and chairpersons for making the conference a memorable event.

Glimpses of IEEE DELCON-2024



Awards and accolades, Achievements

- Prof. Perna Gaur, SMIEEE (of NSUT) awarded IEEE MGA Diversity & Inclusion Award (*up to 3 annually*) "For leadership and tireless efforts towards sustainable growth, diversity & inclusion and continuous engagement of Section and Council members"
- Er. Rajendra K Asthana, LSIEEE continuing as Chair (*& non-voting member of IEEE Board of Directors*), and Prof. Sudhanshu S Januar, LSIEEE as Member in the IEEE Life Members Committee (LMC) for 2025
- Dr. Subrata Mukhopadhyay, LSIEEE (of NSUT) in his third year of the term as Member of IEEE Election Oversight Committee (EOC) for 2025
- Prof. Perna Gaur taking over as Chair of IEEE India Council for the



- *two-year* term 2025-26, after remaining Chair-Elect for two years
- IEEE Delhi Section EPS (Electron Packaging Society) formed with Chair Dr. Ashwini K Aggarwal (of MRIIRS) in July 2024
- Prof. Bhim Singh (of IIT Delhi) getting coveted "Vigyan Shri Award in Engineering Sciences"
- Prof. Sukumar Mishra (of IIT Delhi) joining IIT Dhanbad as Director, and elected as Fellow of IEEE from 2025
- *However, unfortunately for 2024 too it was not possible to give any one Industry Award.*

IEEE DELHI SECTION MEMBERSHIP STATISTICS AT A GLANCE

IEEE Delhi Section has as per **latest (January 19, 2025 statistics 7,731 active Members)**, consisting of Assoc Member: 42, Fellow: 7, GSM: 976, Life Fellow: 6, Life Member: 6, Life senior: 33, Member: 1,591, Senior member: 702, Student member: 4,334, Affiliate: 32, SA: 2.

January 21, 2025 (*Monday*)

Addendum to Awards and accolades, Achievements

IEEE India Council Awards:

- Prof. Swades De - Technologist of the Year Award
- Prof. Bijay K Panigrahi - Outstanding Volunteer Award
- Prof. Bhim Singh - Powergrid Excellence Award
- Dr. Divya Agarwal - Women Technologist of the Year Award
- Gaurav Pathak - Outstanding YP Volunteer Award
- Saanch Sapra - Outstanding WIE Student Volunteer Award
- NSUT - Outstanding Student Branch Award

IEEE Region 10 Awards:

- Prof. Manpreet Kaur - Educational Activities Outstanding Volunteer Award
- Er. Rajendra K Asthana - Life Member Outstanding Volunteer Award