

>>> IUSN | 2024 <<<

IEEE UTTAR PRADESH SECTION



NEWSLETTER

ABOUT IEEE?

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IEEE UP SECTION NEWSLETTER 2024

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Prof, Yogesh Singh Chauhan
Chair, IEEE UP Section

Dear IEEE Members,

I am delighted to announce the release of the latest edition of the IEEE UP Section Newsletter, covering the events from July to September 2024. This edition, Volume 8, Issue 3, highlights the remarkable achievements, initiatives, and progress made by our society in the last quarter.

In this issue, we feature an overview of the various technical workshops, webinars, and conferences organized by our volunteers and members. The newsletter also brings attention to several ongoing projects, student activities, and collaborations with industry partners, all of which continue to foster innovation and knowledge-sharing within our region.

I would like to express my sincere gratitude to all those who contributed their time and efforts to make these events successful. As always, your enthusiasm and dedication are the driving forces behind the continued growth of the IEEE UP Section.

I encourage all of you to explore this edition and stay engaged with our activities. Together, we can continue to create an environment where technology, education, and collaboration thrive.

Thank you for your continued support.

Warm regards,

Prof, Yogesh Singh Chauhan
Chair, IEEE UP Section

MESSAGES



Prof. Somak Bhattacharyya
Chair, Electronic Communication &
Information Management Activities
Committee

I am pleased to announce the release of Volume 8, Issue 3, of the IEEE UP Section Newsletter for 2024. Witnessing the continuous and dedicated efforts of the IEEE UP Section in providing exemplary service to the community brings immense joy and privilege. This newsletter reflects the multifaceted growth and development of students and professionals in technical and professional fields, ensuring a fulfilling experience for its readers. Numerous professional activities, technical conferences, and award nominations are planned, aligning with the goals and objectives of IEEE. Heartfelt gratitude goes to each individual who has supported and cooperated with us, as this achievement would not have been possible without their contributions. With cooperation and divine blessings, I am confident that the IEEE UP Section will thrive and reach new heights. My best wishes also extend to the editorial team for their valuable efforts in bringing this newsletter to fruition.



Prof. Rafik Ahmad
Chapter Chair, Editor

It is with great enthusiasm that I introduce the latest iteration of the IEEE UP Section Newsletter, Volume 8, Issue 3 highlighting the notable achievements and milestones of our section. Serving as the Editor of this Newsletter is a distinct honor, and I express my gratitude to Prof. Yogesh Singh Chauhan, the Chair of IEEE UP Section, for entrusting me with this responsibility. This edition features various events, accomplishments, awards, and more. I am grateful to all dedicated volunteers who generously contributed their time to serve humanity. My appreciation extends to the editorial board members, with special thanks to my exceptional team from IEEE BBDITM Lucknow. I eagerly anticipate continuing our collaboration and working alongside my dedicated team from IEEE BBDITM Lucknow, wishing everyone a successful future.



Prof. Smita Sharma
Co-opted Member, Editor

We are excited to announce upcoming events, conferences, and workshops designed to facilitate networking opportunities and professional development within our IEEE UP Section community. Whether you're a seasoned professional, an aspiring researcher, or a student embarking on your academic journey, there's something here for everyone. As we strive to uphold the values of excellence, integrity, and inclusivity within IEEE UP Section, we encourage you to actively participate, share your insights, and contribute to the collective growth of our community. Your perspectives, experiences, and expertise are invaluable assets that enrich the fabric of our IEEE UP Section Newsletter. Additionally, I would like to thank Prof J Ram Kumar and Prof Rafik Ahmad, as well as their amazing group of student volunteers, for volunteering their invaluable time to compile this newsletter. We would especially want to thank each and every member for their invaluable contributions.

**U.P. SECTION
&
STUDENT BRANCH
EVENTS**

Amity University Uttar Pradesh Lucknow Campus IEEE Student Branch (STB99083)

1. PELS Day – Project and Innovation

PELS Day Activity- Project & Innovation was organized at Amity University Lucknow.

Date: 19th July 2024; Time: 10:30 A.M to 12:00 P.M.



2. PELS Day Celebration.

PELS Day Celebration held at Amity University, Lucknow on 20th June ,2024.

Date: 20th July 2024; Time: 10:00 A.M to 12:00 P.M.

3. IEEE Activity by UNICORN INFO SOLUTIONS PVT LTD.

IEEE Activity by UNICORN INFO SOLUTIONS PVT LTD. took place at Amity University Uttar Pradesh.

Date: 14th August 2024; Time: 12:30 P.M. to 05:30 P.M.



4. IEEE International Conference on Signal Processing and Advance Research in Computing (SPARC-2024).

IEEE International Conference on Signal Processing and Advance Research in Computing (SPARC-2024) took place at Amity University, Uttar Pradesh, Lucknow Campus in Auditorium Block. Prof. (Dr.) S N Singh, Advisor IEEE UP Section was the Chief Guest and Prof. (Dr.) Satish Kumar Singh, Past Chair IEEE UP section and Prof. (Dr.) Ashish Kumar Singh, Chapter Chair, PELS, IEEE Up Section were the Guest of Honour in the Conference.

Date: 12th -13th September 2024; Time: 09:00 A.M. to 06:30 P.M.



5. Chief Guest lecture 1 by Prof. (Dr.) S.N. Singh

IEEE International Conference on Signal Processing and Advance Research in Computing (SPARC-2024) was addressed by Prof. (Dr.) S.N. Singh at Amity University Uttar Pradesh, Lucknow Campus in Auditorium Block.

Date: 12th September 2024; Time: 09:15 A.M. to 10:00 A.M.



Amity University Uttar Pradesh Lucknow Campus IEEE Student Branch (STB99083)

6. Dr. Qamar Rahman, Dean Research

IEEE International Conference on Signal Processing and Advance Research in Computing (SPARC-2024) ha an address by Dr. Qamar Rahman, Dean Research at Amity University, Uttar Pradesh , Lucknow Campus in Auditorium block.

Date: 12th September 2024; Time:11:30 A.M. to 12:15 P.M.



7. Address by Dr. Kamlesh Kumar Singh

IEEE International Conference on Signal Processing and Advance Research in Computing (SPARC-2024) by Dr. K. K. Singh took place at Amity University, Uttar Pradesh, Lucknow Campus in Auditorium block.

Date: 12th September 2024; Time: 02:30 P.M. to 03:15 P.M.



8. IEEE WIE Activity by Dr. Smita Sharma

Dr. Smita Sharma (Chair, WIE-IEEE UP Section) delivered a talk at Amity University, Uttar Pradesh , Lucknow Campus.

Date: 13th September 2024; Time: 10:00 A.M. to 10:45 A.M.



9. IEEE SIGHT ACTIVITY BY DR. ARUN KUMAR SINGH

Dr. Arun Kumar Singh (Chair, IEEE SIGHT- UP Section) delivered a talk at Amity University, Uttar Pradesh , Lucknow Campus.

Date: 13th September 2024; Time: 10:45 A.M. to 11:30 A.M.



Activity Report IEEE UP SAC Volunteer Meet EVENT 2024

IEEE UP Section Student Activity Committee has organised SAC Meet 2024 . This gathering focused on the defining challenge of our time: the rapid pace of technological change. It brought together distinguished dignitaries and participants for an inspiring exchange of ideas.

IEEE UP Section Student Activity Committee has organised a Hands-on session on IEEE Vtools and Ou Analytics in presence of our Speaker for the day Mr. Hitansh Dwivedi. In the session, participants engaged in a comprehensive hands-on workshop focused on IEEE Vtools and OU Analytics. Mr. Hitansh Dwivedi led the session, providing valuable insights and practical demonstrations that highlighted the functionalities and applications of these tools. The workshop aimed to enhance participants' understanding of the platforms, equipping them with the skills to effectively utilize IEEE Vtools for project management and data analysis with OU Analytics. Attendees actively participated in discussions, hands-on exercises, and Q&A sessions, which facilitated deeper learning and collaboration.



Activity Report IEEE UP SAC Volunteer Meet EVENT 2024

IEEE UP Section Student Activity Committee has organised SAC activities 2024. This gathering focused on the defining challenge of our time: the rapid pace of technological change. In the First Activity there was a Public Speaking Competition in which participants had eloquently presented speech on the topics to showcase their talent. In which they got random topic and 1 minute for preparation and 2 minute to speak on the topic in which there was many delegates has participated and given there thoughts on the given topic.

The second activity of the IEEE UP Section Student Activity Committee for 2024 featured a thought-provoking group discussion on Artificial Intelligence. Participants engaged in lively conversations, exploring various aspects of AI, including its ethical implications, impact on the job market, and future developments. Members shared insights on how AI can enhance productivity while also addressing concerns about privacy and bias in algorithms. The discussion encouraged critical thinking and collaborative problem-solving, allowing students to voice their opinions and propose innovative solutions to the challenges posed by AI technology.

The third activity of the IEEE UP Section Student Activity Committee Meet for 2024 was an Open Mic session designed to engage volunteers more actively. This interactive platform allowed participants to share their experiences, insights, and creative expressions related to technology and engineering. Volunteers showcased their talents through poetry, storytelling, and brief presentations on topics like innovation, teamwork, and personal growth within the IEEE community. The informal setting encouraged camaraderie and inspired others to share their ideas and projects.



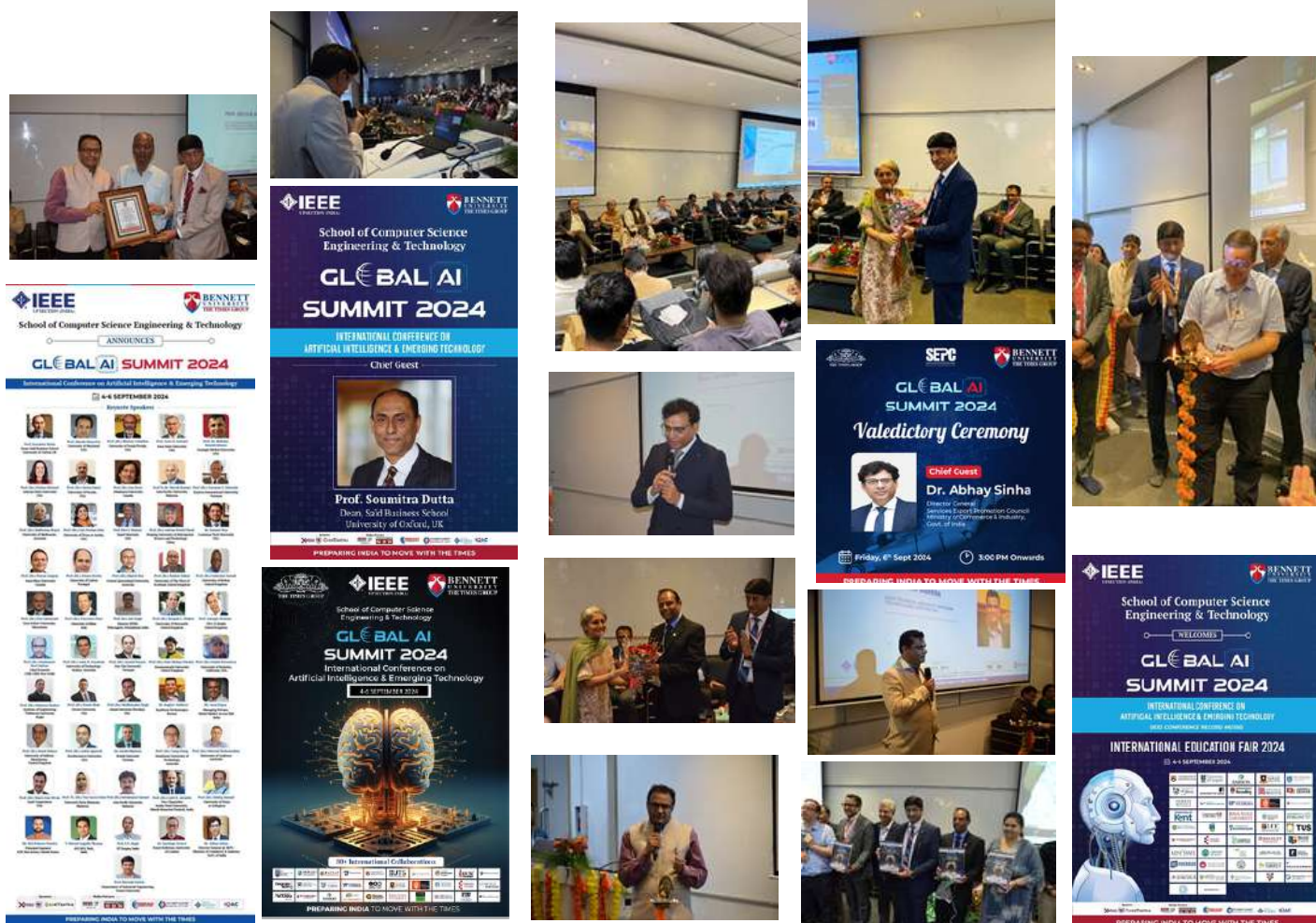
Activity Reported by Bennett University

Report on
Global AI Summit 2024 on 4-6 September 2024

Overview of the Event

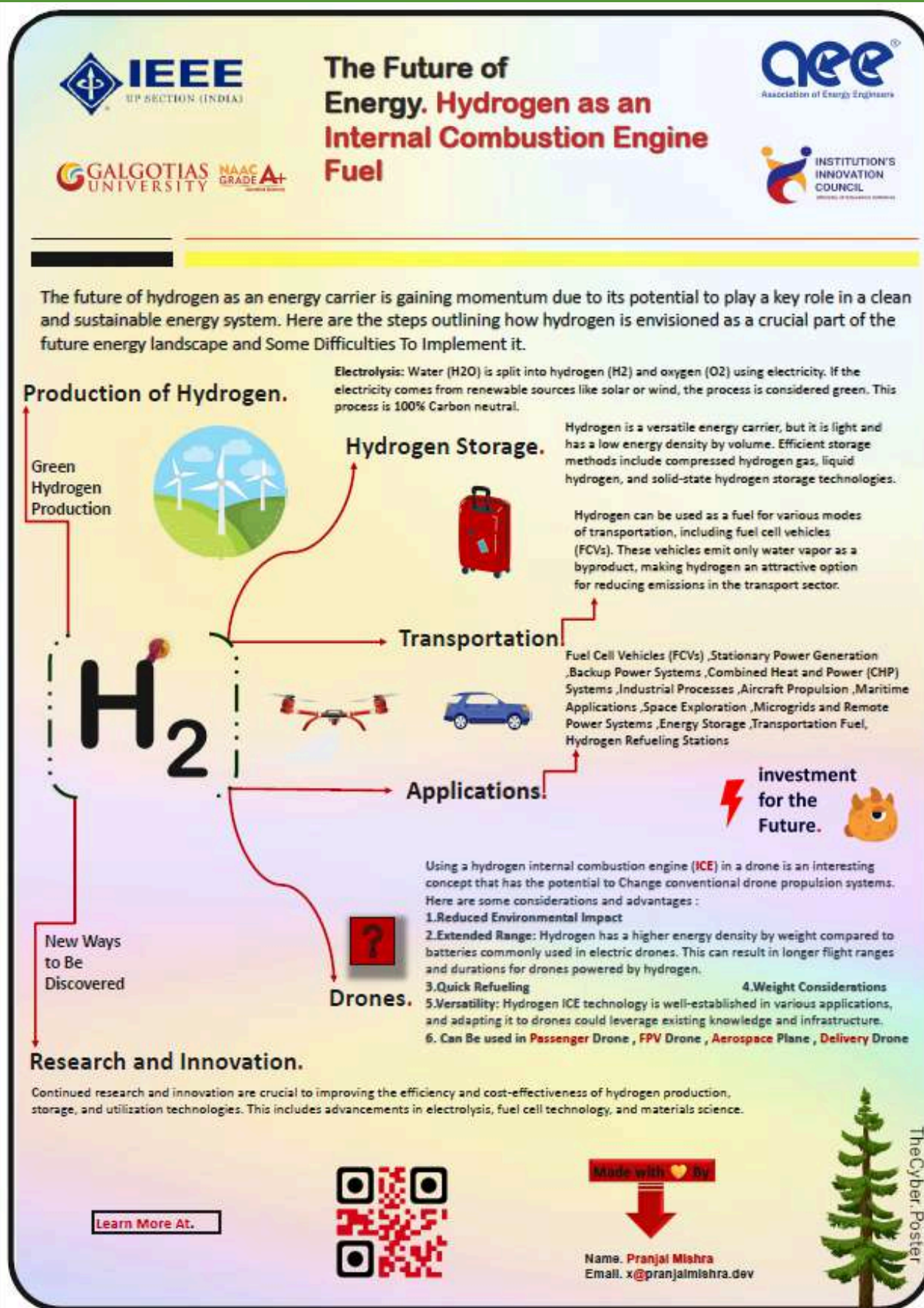
The Global AI Summit 2024, an IEEE-sponsored International Conference on Artificial Intelligence and Emerging Technology, was successfully held at Bennett University from 4th to 6th September 2024. This prestigious event attracted top AI experts, industry leaders, and academic luminaries from over 25 countries, fostering a vibrant exchange of ideas, breakthroughs, and trends in artificial intelligence.

The summit received widespread global participation, with 1275 research papers submitted. A rigorous multi-tier review process resulted in 236 papers being selected for final proceedings. Over 50 distinguished speakers served as keynote speakers and session chairs, and more than 45 academicians were involved as co-session chairs.



Activity Report of Galgotias University on

The Future of Energy. Hydrogen as an Internal Combustion Engine Fuel



Activity Report of IET Lucknow on IEEE WOMEN IN ENGINEERING DAY



IEEE Women in Engineering (WIE) was established on June 29, 1997. Since then, WIE has proudly supported an ever-growing community of women in STEM (Science, Technology, Engineering, and Mathematics) and has taken steps to promote change in the industry. Its mission is to raise the profile of women who are making a difference in engineering, celebrating their hard work and accomplishments, and inspiring others to join the field and contribute to technological advancements. During the 2024 IEEE WIE Day celebrations (running from June 23 to July 12), local Affinity Groups and Student Branch Affinity Groups organize events globally to support the advancement of women in STEM.



The purpose of IEEE Women in Engineering (WIE) Day is to celebrate and recognize the contributions of women in the field of engineering, aiming to raise awareness about the importance of gender diversity in STEM (Science, Technology, Engineering, and Mathematics) and inspire more women to pursue careers in engineering. During this day, various events and activities are organized globally to promote networking, mentorship, and professional development for women engineers.

On June 25th, 2024, the Institute of Engineering and Technology celebrated IEEE Women in Engineering Day under the IEEE Student Branch. This year's theme was "Engaging More Women in AI and 4IR". The event was held in hybrid mode. Er. Sheetal Singh, Secretary of IEEE, welcomed all distinguished guests, providing an overview of the day and explaining the purpose of the gathering. The event was co-hosted by Er. Shahleena Kidwai Assistant Professor ECD. Prof. Subodh Wariya, Head of the Department of ECD, also welcomed all distinguished guests in both online and offline modes. The event commenced with the lighting of the lamp and offering of flowers to Goddess Saraswati. Mrs. Anupama Singh, President of IETLAA and a notable alumna of IET, Lucknow, graced the occasion as the Chief Guest. Director Professor Vineet Kansal, along with Prof. Subodh Wariya and Prof. Neelam Srivastava, participated in the rituals, joined by our experts Dr Parul Yadav, Dr. Pragati Shukla, Dr. Arunima Verma, and Ms. Vandana Sharma.



Activity Report of IET Lucknow on IEEE WOMEN IN ENGINEERING DAY

During the event, Prof. Vineet Kansal addressed the audience and emphasized the role of women in engineering. He also motivated the students about technological advancements from different industrial revolutions. This was followed by a talk from Prof. Neelam Srivastava, Branch Counsellor IEEE, who highlighted the event's themes, emphasizing "Engaging More Women in AI and 4IR".

Mr Sudip Bhattacharya, Co-founder and CTO of RB Innovate and Interview Cracker, delivered a keynote address on Inclusion in AI. Dr Ranjana Rajnish (Professor, Amity University) and Nagadeepthi (Technical Coach, HCL) shared valuable insights and motivated the audience. Dr Parul Yadav shared insights on the transformative impact of AI and the 4IR, and the importance of increasing women's participation in these fields. Dr. Divya Sharma, Assistant Prof. in ECE, and Er. Shahleena Kidwai, Assistant Prof. in ECE, delivered a technical talk on the roles of women in technological advancements in 4IR.

The technical talks were followed by a Panel discussion themed "Challenges and Disparities of Women at Workplaces". Ms. Neha Singh and Er. Jaspreet Kaur (Vice Chair, IEEE) moderated the panel discussion, which included both male and female participants who shared their thoughts and perspectives. The panelists included Mrs Anupama Singh (Chief Guest), Prof. Neelam Srivastava, Dr RCS Chauhan, Dr Abhishek Nigam, Dr Pragati Shukla, Ms Vandana Sharma, and Ms. Nimisha Srivastava. Students and faculty actively participated in the panel discussion, contributing their thoughts and views.

Er. Rahul Singh, faculty from ECD, enlightened the students about the IEEE Student Branch and how it plays a vital role in fostering technical, professional, and personal growth among students in the fields of electrical, electronics, computer science, and related disciplines.

Approximately 150 students and 30 faculty members, along with IEEE student branch representatives participated in the event. The event was coordinated by Er. Kirti Prakash Vice Chair IEEE. A vote of thanks was given by Er. Pallavi Pant, Chair IEEE student branch, thanking all the dignitaries and attendees present, both online and offline.



Activity Report of Sharda University

The International Conference on Electrical, Electronics & Computing Technologies (ICEECT-2024) organized by the department of Electrical, Electronics, and Communication Engineering was successfully concluded at Sharda University from August 29th to 31st, 2024. The conference was technically sponsored by the IEEE Uttar Pradesh Section, India and IEEE IAS.

The conference was honoured by the presence of Shri G.R. Ravi, Director General Telecom, Department of Telecommunications, Government of India, as the Chief Guest. Shri Durga Shanker Mishra, IAS, former Chief Secretary of Uttar Pradesh, attended as the Special Guest. His presence added immense value to the conference and inspired the participants. Adding to the significance of the event, esteemed guests of honour, including Shri I.P.S. Sethi, Deputy Director General at the National Informatics Centre (NIC), and Shri Radhachran Shakya, Sr. Deputy Director General - IRDoT, Ministry of Communications, Shri S K Marwaha Group Coordinator / Scientist-G, Ministry of Electronics and Information Technology (MeitY); Prof. B.K.Panigrahi Professor, Department of Electrical Engineering, IIT Delhi.

The keynote address was delivered by Prof. Natalia K Nikolova, MacMaster University, Hamilto, Ontario, Canada; Prof. Jan Hesselbarth Institute of High Frequency, Germany and Prof. Akshay Rathore, Singapore Institute of Technology (SIT). The event was graced by the esteemed presence of Sh. P.K. Gupta, Chancellor, Sharda University; Sh. Y.K. Gupta, Pro-Chancellor; Prof. Sibaram Khara, Vice Chancellor; and Sh. Vivek Kr. Gupta, Registrar.

The conference was hosted by Prof. Parmanand, Pro Vice-Chancellor and Dean, along with Prof. Pratima Walde, Head of the Department of Electrical Electronics and Communication Engineering. The success of the conference is a testament to the unwavering dedication of Prof. Manoj Kumar Meshram (IIT BHU), Dr. Sushma Kakkar (Sharda University), and Divyansh Gautam (Sharda University), whose pivotal contributions spanned from its initial planning stages through to its conclusion. Over the course of three days, the conference provided a platform for practicing engineers, academicians, researchers, and industry leaders to engage in meaningful discussions and presentations on a wide range of topics. These included Smart Grid Technologies, Artificial Intelligence, communication Technologies, Machine learning, and Renewable Energy Systems. The title of best paper award was given in the field of Electrical Electronics and Computing Technologies.



Activity Report of Teerthankar Mahaveer University

Unleashing Potential: The Success of TMU's Three-Week Mentorship Program

The College of Computing Sciences and IT, TMU, recently concluded its highly successful three-week Mentorship Program, launched on 13th September 2024 under the IEEE Student Branch. With over 600 enrollments, the program has been a remarkable success, empowering students to unlock their potential and thrive in their academic and professional journeys.



The event was inaugurated by Prof. V.S. Tripathi, Chair of the IEEE UP Sensor Chapter and Vice Chair of the IEEE MTTS UP Chapter, who served as the Chief Guest. Prof. Tripathi delivered an inspiring keynote, highlighting the timeless importance of mentorship, with references to the mentorship of Lord Krishna to Arjuna. His words set a motivating tone for the program, emphasising the role of guidance in personal and professional growth.

The program was further supported by Prof. R.K. Dwivedi Principal and Director of CCSIT & FoE, Prof. Ashendra Kumar Saxena Vice Principal CCSIT, Dr. Shambhu Bhardwaj, HoD, and Ms. Rohaila Naaz Assistant professor IEEE SB TMU Event Coordinator. Their presence and encouragement added immense value to the event, ensuring its smooth and successful execution.

What made this program particularly unique was the involvement of experienced senior students as mentors. These talented students led the way, sharing their knowledge and insights across various domains, including technical skills, public speaking, and leadership development. Their mentorship provided freshers with invaluable guidance to navigate their first steps into university life.

Throughout the three-day launch event, interactive sessions hosted by the IEEE Student Branch team created an environment of learning and collaboration. The enthusiasm was palpable, with mentees eager to absorb knowledge and mentors finding the experience equally enriching.

As the program concludes, its success has surpassed all expectations. The overwhelming response reflects the importance of peer-to-peer mentorship, building confidence and fostering growth among students. This initiative has laid a solid foundation for future programs, cementing the role of the IEEE Student Branch in nurturing the next generation of innovators and leaders at Teerthankar Mahaveer University.

Activity Report of IIT Kanpur

CELEBRATING TEACHERS' DAY 2024: A JOINT EVENT BY IEEE DEIS SBC AND IEEE PES SBC AT IIT KANPUR

The IEEE Dielectrics and Electrical Insulation Society (DEIS) SBC and the IEEE Power & Energy Society (PES) SBC of IIT Kanpur collaborated to plan an amazing Teachers' Day event on October 5, 2024. The event honoured the enormous contributions made by the academicians who mentor, motivate, and support the upcoming generation of researchers and engineers. The IEEE DEIS SBC and IEEE PES SBC Chairpersons gave a welcoming speech to kick off the celebration and thanked the teaching faculty at IIT Kanpur for their steadfast devotion. They recognized instructors' vital role in influencing students' academic paths and encouraging a climate of creativity and critical thought. The IEEE DEIS SBC and IEEE PES SBC Chairpersons gave a welcoming speech to kick off the celebration and thanked the teaching faculty at IIT Kanpur for their steadfast devotion. They recognized instructors' vital role in influencing students' academic paths and encouraging a climate of creativity and critical thought. The Teachers' Day event was a huge success, leaving instructors and students with priceless memories. It was an appropriate homage to the educators who work tirelessly to advance knowledge and creativity and create a better future for all.

The message was quite obvious as the event drew to an end: teaching is a passion that changes people's lives, not simply a job. IIT Kanpur is lucky to have faculty members who share this belief.



Activity Report of IIT Kanpur

LRT Talk on “Electric Load Disaggregation” by Mr. Naveen Kumar Thokala

An IEEE PES Event: LRT Talk on “Electric Load Disaggregation” by Mr. Naveen Kumar Thokala was organized by IEEE PES SBC IIT Kanpur on 8th July 2024 by IEEE PES SBC, IIT Kanpur



The LRT (Let's Rise Together) Talk series, an initiative of the IEEE PES Student Branch Chapter (SBC) at IIT Kanpur, provides an interactive platform for research scholars to exchange knowledge, ideas, and skills. In this unique collaborative environment, a scholar with expertise in a particular area may act as an expert for others, while also taking the opportunity to learn new skills from peers in different fields. This mutual exchange fosters interdisciplinary growth and a more comprehensive understanding of complex, real-world challenges across various dimensions.

The latest session of the series focused on “Electric Load Disaggregation” and was led by Mr. Naveen Kumar Thokala, a senior scientist at TCS Research with 15 years of experience and a sponsored PhD scholar at IIT Kanpur. His extensive expertise in the field made for an engaging and insightful session.

Mr. Thokala explained how smart meters generate detailed electricity consumption data, offering valuable insights into appliance usage and household energy patterns. He introduced the concept of Non-Intrusive Load Monitoring (NILM), a powerful technique that disaggregates energy use for individual appliances, enabling more effective energy management practices, such as scheduling high-power devices during off-peak hours. He also emphasized the growing role of machine learning and signal processing techniques in interpreting this data.

The insights shared during the talk highlighted how these technologies can help optimize energy demand, manage peak loads, and offer energy-saving tips to consumers. Furthermore, utilities are increasingly relying on AI and machine learning to process the vast amounts of data generated by smart meters, ensuring a more balanced supply-demand chain across consumers, retailers, and aggregators. This innovative approach points to a future where energy management becomes more efficient, sustainable, and consumer-friendly.

-Diksha Singh (Research Scholar, Dept. of EE, IIT Kanpur)

Chairperson, IEEE PES Student Branch Chapter, IIT Kanpur

Activity Report of IIT Kanpur

“Plantation Drive- 2024”

“Plantation Drive- 2024” was organized by IEEE PES SBC IIT Kanpur on 4th September 2024 by IEEE PES SBC, IIT Kanpur.

On September 4, 2024, the IEEE PES Student Branch Chapter (SBC) at IIT Kanpur organized the annual “Plantation Drive-2024” with the goal of promoting environmental awareness and sustainability on campus. At IEEE PES SBC IIT Kanpur, we recognize the essential connection between nature and humanity and understand the crucial role trees play in maintaining environmental balance. As part of our commitment to this cause, we organize this plantation drive every year.

This year, the event took place at the Sustainable Energy Department premises, where participants from the department, including students, faculty, and staff, joined hands with the Executive Committee of IEEE PES SBC to plant 16 saplings, ranging from Jackfruit, Papaya, and Guava trees to various flowering plants. The initiative contributed to the greening of the campus while fostering a deeper sense of environmental responsibility within the community.

The plantation drive not only promoted community engagement but also educated participants on the long-term benefits of a greener campus. The initiative aligns with IEEE PES SBC’s broader goals of environmental conservation and sustainability, reflecting our ongoing dedication to creating a positive environmental impact. The nursery staff is overseeing the care and growth of the saplings to ensure their survival.

The event was supervised by Dr. Gururaj Mirle Vishwanath, Faculty Advisor of IEEE PES SBC IIT Kanpur, and was graced by the presence of the Acting Head of the Sustainable Energy Department, Dr. Debopan Das, along with faculty members Dr. Gururaj MV, Dr. Prabodh Bajpai and Dr. Amrendra Edgupanti. The enthusiastic participation of PhD students from both the Electrical Engineering and Sustainable Energy Engineering departments further strengthened the drive’s success. As a gesture of appreciation, tokens of thanks were presented to the nursery staff and gardeners for their invaluable support.

- Diksha Singh (Research Scholar, Dept. of EE, IIT Kanpur)
Chairperson, IEEE PES Student Branch Chapter, IIT Kanpur



Activity Report of IIT Kanpur

“Teacher’s Day Celebration- 2024”

An IEEE PES Event: “Teacher’s Day Celebration - 2024” was organized by IEEE PES SBC IIT Kanpur on 5th September 2024 by IEEE PES SBC, IIT Kanpur.



The IEEE PES Student Branch Chapter (SBC), in collaboration with the IEEE DEIS SBC, organized a heartfelt Teacher’s Day celebration at IIT Kanpur to honour the dedication and contributions of the faculty members. The event featured inspiring speeches, a cake-cutting ceremony, and a delightful high tea, along with the presentation of tokens of appreciation to express gratitude toward the professors.

This celebration provided students with a meaningful platform to express their thanks to the faculty members who have played a pivotal role in guiding and inspiring them throughout their academic journeys. The event fostered a spirit of appreciation and strengthened the bond between students and teachers.

By organizing this event, IEEE PES and DEIS SBCs emphasized the importance of recognizing the invaluable role teachers play in shaping the future of students and promoting a culture of respect and learning within the academic community. The event was a success, thanks to the active participation of both students and faculty.

The celebration was supervised by Dr. Gururaj Mirle Vishwanath, Assistant Professor at IIT Kanpur and Faculty Advisor for IEEE PES SBC, ensuring the event was well-coordinated and impactful.

-Diksha Singh (Research Scholar, Dept. of EE, IIT Kanpur)
Chairperson, IEEE PES Student Branch Chapter, IIT Kanpur

Activity Report of IIT Kanpur

“Joyful Research” by Prof. Pradeep R. Bijwe” An IEEE PES Event: “Joyful Research” by Prof. P. R. Bijwe was organized by IEEE PES SBC IIT Kanpur on 9th September 2024 by IEEE PES SBC, IIT Kanpur.



The IEEE PES Student Branch Chapter at IIT Kanpur organized an engaging and interactive session titled "Joyful Research," aimed at fostering a positive and healthy approach to academic research. The event highlighted the crucial role of happiness and mental well-being in achieving success during the academic journey, with participants gaining valuable insights into maintaining balance and joy in their research pursuits.

The session was led by Prof. Pradeep R. Bijwe, a distinguished professor with over 40 years of academic experience at IIT Delhi and 5 years in the industry. Over the last decade, Prof. Bijwe has focused on improving student well-being, counselling students, and delivering talks on happiness and peace. He is the author of the book "Happiness First: The Healthy Way to Academic Success" and maintains a dedicated web page, "Joyful Living," at IIT Delhi, which reflects his philosophy.

Prof. Bijwe's talk covered a range of essential topics, including:

- The importance of happiness and peace in conducting effective research
- Unique challenges faced by research students
- Strategies for conducting effective research
- Approaches to face uncertainty and failure
- Preparing for the future with a joyful mindset

The audience found the session deeply resonant, as Prof. Bijwe's experiences and advice on mental and emotional health struck a chord with many attendees. The interactive nature of the event allowed participants to engage directly with the speaker, fostering an open discussion about their personal challenges in research. The event concluded with an enthusiastic interaction, leaving attendees rethinking their approach to research with a renewed focus on well-being and joy.

This session emphasized that mental health, emotional balance, and joy are not only essential for personal happiness but also for the professional growth and success of research students.

-Diksha Singh (Research Scholar, Dept. of EE, IIT Kanpur) Chairperson, IEEE PES Student Branch Chapter, IIT Kanpur

Activity Report of ISTEMS 2024



The activity details by PAC are as follows:

1. An event on the occasion of Independence Day & Rakhi -2024 was organized with Collaboration of IEEE UP Section Professional Committee titled " Tricolor Ties: Rakhi & Independence Day Bash 2024" on 17 August 2024 in VMSBUTU Dehradun and Coordinated by Mr. K C Mishra, Assistant Professor VMSBUTU.

Activity Report of IEEE BBDITM STB10214 ENGINEERS DAY CELEBRATION

On September 18, 2024, the IEEE Student Branch at BBDITM celebrated Engineers Day with great enthusiasm. The event featured a Poster Making Competition in two formats "Digital format and Hand Made format" from 2:30 PM to 3:30 PM, where participants showcased their creativity on the theme “Smart Cities.” On September 18, 2024, the IEEE Student Branch at BBDITM celebrated Engineers Day with great enthusiasm. Participants showcased their creativity and engineering knowledge through visually appealing and informative posters. The theme for the competition was “Innovations in Engineering for a Sustainable Future.” The participants’ posters were judged based on creativity, relevance to the theme, and overall presentation. Following the Poster Making Competition, the Quiz Competition was held from 3:30 PM to 4:30 PM. This competition tested the participants’ knowledge in various engineering disciplines, covering topics ranging from basic engineering principles to recent technological advancements. The competition was intense, with teams battling it out to secure the top spot. The event concluded with a Prize Distribution Ceremony, where the winners of both competitions were awarded. The prizes were distributed by our branch counselor sir , who also shared some inspiring words about the importance of innovation and continuous learning in engineering.



Awards/ Honor

Dr. Somak Bhattacharyya has been Honored as Young Alumni Achiever from Indian Institute of Technology Kanpur on 27 July, 2024



Mr. Deepak Ram, a PhD scholar under Dr. Somak Bhattacharyya has been selected for the prestigious IEEE Antennas and Propagation Society Fellowship 2024-25.



Mr. Mehul Kumar Sahoo, a BTech student under Dr. Somak Bhattacharyya has been selected for the prestigious IEEE Antennas and Propagation Society Undergraduate Summer Research Scholarship.

Details of ExeCom meetings

- The 5th ExeCom meeting 2024 of IEEE Uttar Pradesh Section was held on 04 August 2024 (Sunday) at 02:30 PM onwards in physical mode at IIT BHU.
- The 6th ExeCom Meeting 2024 of the IEEE Uttar Pradesh Section was held on 29 September 2024 (Sunday) at 04:30 PM in hybrid Mode at ABV- IIITM Gwalior.

COLLAGE OF THE EVENTS



EDITOR'S

Prof. Somak Bhattacharyya

Chair, Electronic Communication &
Information Management Activities

Prof. Rafik Ahmad

Chapter Chair,
UP Section (R10)

Prof. Smita Sharma

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