

IEEE R10 Director's Message

2024 marks IEEE's 140th anniversary since the founding of AIEE (American Institute of Electrical Engineers) by a small group of individuals in the electrical professions in New York in 1884. [Page 2](#)

Industry Day 2024 – Series 1

On 1 March 2024, Industry Day 2024 Series 1, organized by the IEEE R10 Ad hoc Committee on Industry Engagement in collaboration with the IEEE Malaysia Section, IEEE Electronics Packaging Society (EPS) Malaysia Chapter, IEEE Electron Devices Society (EDS) Malaysia Chapter, IEEE Asia Pacific University (APU) Student Branch, and MIMOS, took place. [Page 3](#)



Call for Nominations: 2024 IEEE MGA Awards -

Due Date: 15 May 2024

MGA Outstanding Section Awards

[CLICK HERE](#) to nominate your Section for the MGA Outstanding Large, Medium, or Small Section Award

Friend of IEEE MGA Awards

To learn more about the Friend of IEEE MGA Awards [CLICK HERE](#)



IEEE R10 Annual General Meeting , 2nd and 3rd of March 2024 at Kuala Lumpur, Malaysia

Heading to a Bright Future: Strategic Planning for New Regions 10 and 11

In an era of rapid technological evolution and growing member needs, IEEE R10 stands on the brink of a significant transformation. With the strategic realignment set for 2028, splitting Region 10 into new Regions 10 and 11, we embark on a journey to not only expand our geographic footprint but to deepen our engagement and support for our members in North Asia, South Asia, and the Pacific. [Page 6](#)

Nominate a 'Nexus Representative' from your YP AG to join the R10 YP Nexus Network

Nominees for the IEEE Region 10 Young Professionals (YP) NEXUS Representative position must currently be inducted as Executive Committee Member of the respective Affinity Group (AG) in a role other than Chair, as reported in Vtools. The Nexus representative will be expected to participate in Nexus communications and initiatives representing your YP AG.

More details on the project can be found at [NEXUS - IEEE Region 10 Young Professionals \(ieeer10.org\)](https://www.ieeer10.org/nexus)

2024 IEEE Region 10 Awards - Call for Award Nominations

We are pleased to announce that the 2024 IEEE Region 10 Awards are now open for nomination!

We appreciate your support to encourage nomination from your local IEEE organizational units and nominate individual(s) deserving the recognition.

Nomination Deadline: 31 May 2024

Refer to IEEE Region 10 Award webpage at: <https://www.ieeer10.org/awards-recognition-committee/>

IEEE R10 DIRECTOR'S MESSAGE



Lance Fung
IEEE R10 Director 2023-2024

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The aim was to support professionals in their efforts to apply innovations for the betterment of humanity. On the other hand, the Institute of Radio Engineers (IRE) was established in 1912. The organization was devoted to radio, and then broadly to electronics. On 1st January 1963, both AIEE and IRE merged to form the Institute of Electrical and Electronic Engineers, or IEEE. At its formation, IEEE had 150,000 members 140,000 of whom resided in the United States. Over the years, IEEE's membership number has grown to over three and a half times at the end of February 2024.

IEEE Region 10 (R10) was formed in 1967, and it was recognized as the IEEE Asia-Pacific Region in 1981. From the time of its formation, the membership number has grown from over 2,500 to nearly two hundred thousand. The growth rate is truly staggering, and it is mainly due to hard work and dedication from thousands of volunteers within the Region.

Over the years, members have contributed greatly to various fields of interest of IEEE, and they have brought significant impacts to humanity. The IEEE Milestone program was established to record and recognize such achievements.

“The IEEE Milestone program honors significant technical achievements in all areas associated with IEEE. It is a program of the IEEE History Committee, administered through the IEEE History Center. Milestones recognize the technological innovation and excellence for the benefit of humanity found in unique products, services, seminal papers, and patents.”

(https://ethw.org/Milestones:IEEE_Milestones_Program#IEEE_Milestones)

Since the first dedication to the Vulcan Street Plant, 1882 at Region 4, NorthEastern Wisconsin Section, on 15th September 1977, 248 milestones have been recognized at this time of writing. It is worth noting that R10 has contributed significantly towards the program, with 49 being dedicated within the region. Sections in Japan are the main contributors. Since 1st January 2024, two milestones have been dedicated in R10. The Deep Space Station 43 at Canberra, Australia was commemorated on 6th March, and two days later, the Milestone for the Commercialization of Multilayer Ceramic Capacitors with Nickel Electrodes, was dedicated at the Kansai Section, Japan. R10 members and their achievements have been recognized for their contributions to the global ONE IEEE.



To celebrate its 140th anniversary, IEEE published an eBook titled, “Inspiring Technology: 34 Breakthroughs” which “explores the innumerable discoveries and ground breaking inventions that helped build the world we live in.” and it is available at:

[Online flipping book.](#)

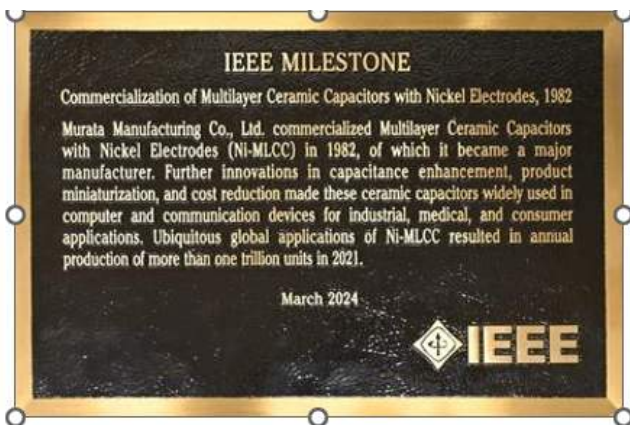
Members are encouraged to not only read, but share this important resource to the broader community.

Looking ahead, it is both exciting and challenging to answer the following question,

“What will the next 140 years bring?”

One thing for sure, IEEE will maintain its mission and vision of Advancing Technology for Humanity, and members in R10 will continue to play a major part of it!

Thank you all!



INDUSTRY DAY 2024 – SERIES 1

Bernard Lim, Chair, IEEE R10 Ad Hoc Committee on Industry Engagement

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The event, held in conjunction with the R10 Annual General Meeting, brought together industry leaders, professionals, and stakeholders from diverse sectors to address pivotal challenges, innovations, and opportunities shaping the regional and global landscape.

The morning session unfolded at Asia Pacific University Innovation and Technology, Technology Park, followed by an afternoon session hosted by MIMOS, which was established to initiate research and development in Microelectronics. The event aimed to cultivate collaboration, facilitate knowledge exchange, and encourage networking among participants. Attendees included representatives from the Malaysian semiconductor industry, students, and esteemed guests from IEEE, contributing to the enriching discussions and interactions throughout Industry Day.

The central theme of Industry Day 2024 Series 1 revolved around the challenges and opportunities within the global semiconductor landscape. The event commenced with an opening remark from Dr. Bernard Lim, Chair of the R10 Ad Hoc Committee on Industry Engagement setting the stage for insightful discussions ahead. Subsequently, Dr. Nordin Ramli, Chair of the IEEE Malaysia Section, extended a warm welcome, emphasizing the importance of collaboration and knowledge sharing in navigating the complexities of the semiconductor industry. Prof. Dr. Ho Chin Kuan, Vice Chancellor of APU, also graced the occasion with welcoming remarks highlighting the significance of academia-industry partnerships in driving innovation and advancement within the sector.

Dr. Lee Hing Wah commenced the session by shedding light on the Malaysian Institute of Microelectronic Systems' role in applied research and development within the Malaysian semiconductor landscape. Following Dr. Lee's insightful presentation, Dr. Wong Shaw Fong, representing Intel, delved into the global semiconductor landscape, navigating the industry's future. The stage then welcomed Noorazidi Che Azib, who provided an in-depth analysis of the semiconductor landscape's Outsourcing Assembly and Test (OSAT) opportunities and challenges.

Dr. Rakesh Kumar took the floor next, discussing the expansion of IEEE's outreach to the industry, and showcasing avenues for collaboration and growth.



Participants at Industry Day morning session at APU

Lastly, Dr. Don Tan, shared valuable insights into IEEE Fellow activities and Industry Engagement, enriching the discourse with his expertise. The morning session concluded with a dynamic roundtable discussion, fostering further exchange of ideas and perspectives among participants.



Participants at MIMOS field visit

During the afternoon session, the event relocated to the MIMOS facility, commencing with welcoming remarks from Prof. Lance Fung, Director of IEEE R10, and Prof. Takako, Director-Elect, of IEEE R10 delivered the closing remark.



Prof Lance Fung, Director IEEE R10 and Prof Takako Hashimoto, Director-Elect, IEEE R10 addressing the participants at MIMOS

The second session featured three speakers from IEEE: Joanne Wong, Andy Chen on Navigating the Innovation Landscape, and Bala Prasanna on Navigating the Career Jungle: Unleashing Your Success in Today's Work Landscape, each offering valuable insights.

Following the presentations, attendees enjoyed a technical visit to explore the MIMOS facility. As a center of research excellence, MIMOS focuses on Semiconductors and Thin Film Research, Advance Electronics, and Embedded Systems where participants had the opportunity to observe the insights of the operations.

HIGHLIGHTS FROM 2023 IEEE R10 AWARDS CEREMONY

The IEEE R10 Awards 2023 Ceremony was a momentous occasion, honoring outstanding achievements and contributions within the region. Held on 2 March 2024 during the IEEE R10 Annual General Meeting in Kuala Lumpur, Malaysia, the event recognized individuals and organizations for their exemplary efforts in volunteering and advancing technology and engineering.

Prof. Jing Dong, IEEE R10 Awards and Recognition Committee Chair announced the awards with the presence of Kathleen Kramer, IEEE President-Elect, Prof Lance Fung, Director, IEEE R10, and other distinguished guests.

The ceremony also celebrated the collaborative spirit and collective achievements of IEEE members, highlighting the power of teamwork and collaboration in driving positive change.

The IEEE R10 Awards Ceremony was a testament to the remarkable achievements of our community, inspiring us to reach even greater heights in the pursuit of technological advancement and societal impact.

Full 2023 R10 awardee list can be found : <https://www.ieeer10.org/awards-recognition-committee/>



CALL FOR SUBMISSION: IEEE R10 SAC FUNDING AND STUDENT RESEARCH PAPER CONTEST

IEEE Region 10 Student Activities Committee releases the call for submission for the following opportunities;

1. Membership Development And Leadership Training (MDLT) Fund 2024 ([Web link](#))
2. Section Student Branch Revival Fund (SSBR) 2024 ([Web link](#))
3. Student Research Paper Contest 2024 ([Web link](#))

The R10 SAC Student Research Paper Contest will be open under the following 3 categories;

- a. Micro, Power and Energy, and Biomedical Circuits,
- b. Instrumentation, AI, and Robotics, and
- c. Communications, Signal Processing, and Networking

The deadline for submission is April 30, 2024.

Should you have any inquiry, please reach out to R10 Student Activities Committee at: r10sac@ieee.org.

SELECTED PROPOSALS FOR CONFERENCE QUALITY MANAGEMENT WORKSHOP

In February 2024, the R10 Conference Quality Management (CQM) Committee initiated a call for proposals aimed at organizing Workshops on Conference Quality and Management in Sections and subsections across Region-10.

The objective was to facilitate workshops designed to offer training on adhering to IEEE guidelines for maintaining conference quality while sharing best practices with potential conference organizers.

The following OUs are selected for the IEEE R10 funding from IEEE R10 CQM Committee for 2024.

Bangalore Section, India
 Bangladesh Section, Bangladesh
 Hyderabad Section, India
 Indonesia Section, Indonesia
 Kolkata Section, India
 Lahore Section, Pakistan
 Madras Section, India
 Malaysia Section, Malaysia
 Uttar Pradesh Section, India
 Victorian Section, Australia

CALL FOR PROPOSALS FOR INDUSTRY-ACADEMIA ENGAGEMENT WORKSHOP

To develop a collaborative lasting relationship between the industry and academia through research and innovation in multidisciplinary fields of Engineering, the R10 Industry Relations Committee invites proposals from Industry Relations groups of each Section / Councils under R10 for conducting Workshops on 'Industry - Academia Engagement on Co-Innovation and Entrepreneurship' on Industry 4.0 theme.

Workshops shall aim to raise the level of awareness of Industry 4.0 practiced across the globe, on higher education platforms, by attaining sustainable development and achieving higher growth rates which can be enabled through the creation, transmission, and dissemination of knowledge.

The workshops have to be designed such that they bring academia and industry together to understand on:

- Awareness building on Entrepreneurship and start-ups for students and young professionals
- Engaging in research and co-innovation between industry and academia

Topics suggested for workshops but not limited to are:

- Big Data & Analytics,
- AI, ML & Deep Learning,
- Robotics & Automation,
- Application of IoT in Industrial Automation,
- Smart Manufacturing,
- 3D Printing
- Cybersecurity
- Agile Computing for Project Management

The deadline to submit proposals is April 30, 2024.

For any query please contact:
sanjay.karchowdhury64@gmail.com

Open Access Dataset Uploads 50% off through April 30th



HEADING TO A BRIGHT FUTURE: STRATEGIC PLANNING FOR NEW REGIONS 10 AND 11

Takako Hashimoto, IEEE R10 Director-Elect 2023-2024 and Chair, IEEE R10 SPNIC

Contd from Page 1.

A Glimpse into Our Membership Dynamics

Our projections for the new Regions 10 and 11 reveal distinct membership profiles by grade and gender, emphasizing the need for tailored strategies to foster inclusivity and diversity. Notably, the gender disparity and the distribution of Women in Engineering (WIE), Young Professionals (YP), and Life Members (LM) across the new regions spotlight areas requiring focused initiatives and support.

Current R10 Membership

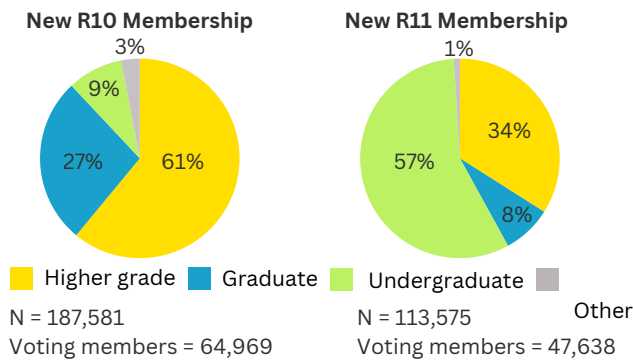
Category	No. of members as of Nov 2023
46% Higher grade members without GSM	83,847
16% Graduate student members	28,481
38% Undergraduate members	69,192
Total	181,520

Charting the Course for New Regions

Our projections for the new Regions 10 and 11 reveal distinct membership profiles by grade and gender, emphasizing the need for tailored strategies to foster inclusivity and diversity. Notably, the gender disparity and the distribution of Women in Engineering (WIE), Young Professionals (YP), and Life Members (LM) across the new regions spotlight areas requiring focused initiatives and support.

New R10 and New R11 Membership by Grade

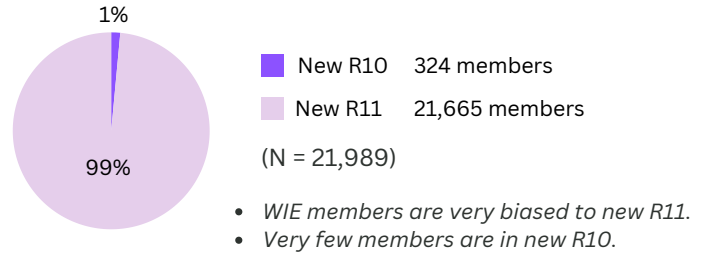
(as of Dec 2023, N = 187,581)



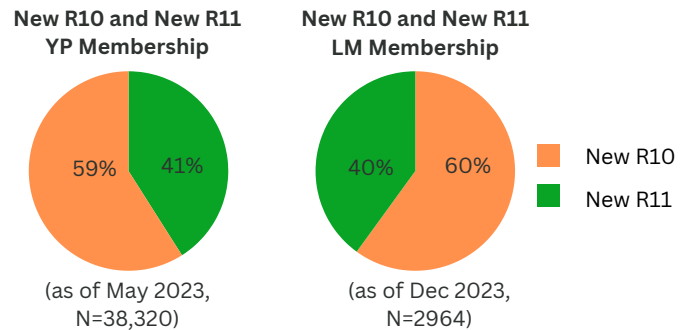
Strategic Priorities for an Inclusive Future

The impending regional realignment compels us to re-evaluate and reinforce our commitment to gender diversity, professional development, and technological advancement. In new Region 10, we face the challenge of bolstering female participation and leadership within the engineering community. Conversely, new Region 11's diverse WIE membership base offers an opportunity to further amplify women's contributions to technology and engineering.

New R10 and New R11 WIE Membership



New R10 and New R11 YP and LM Membership



Our strategic planning encompasses more than membership figures; it extends to financials, governance, services, and the broad spectrum of activities that define our community. Key focus areas include enhancing membership activities, promoting technical initiatives, and forging strong industry partnerships. Strengthening inter-regional cooperation will also be paramount in leveraging our collective strengths for a greater global impact.

A Call to Collaborative Action

This strategic transition heralds a new chapter for IEEE in Asia and the Pacific. As we navigate this pivotal period, your insights, expertise, and engagement are invaluable. Together, we can ensure a seamless transition and lay the groundwork for a thriving, interconnected IEEE community across the new Regions 10 and 11.

Let us join hands in shaping a future where innovation, inclusivity, and collaboration drive us forward. Your contributions and participation in this strategic journey are crucial to our success. Here's to a brighter future for IEEE and all its members!

Stay Engaged

We invite each member to contribute to this transformative journey. Your ideas and energy are essential as we forge a path towards a brighter, more inclusive future. For updates and to get involved, please stay connected through our newsletter and IEEE R10 communications channels.

Together, we are heading towards a promising horizon for new Regions 10 and 11.

IEEE R10 NEW INITIATIVES PROGRAM

2024 CALL FOR PROPOSALS

INTRODUCTION

The IEEE R10 New Initiatives program is designed to support potential new initiatives expected to serve members and communities within R10. IEEE R10 Strategic Planning and New Initiatives Committee (SPNIC) is looking for New Initiative proposals for innovative projects/activities/events in line with [IEEE's strategic plan](#), involving multiple IEEE R10 OUs and other communities working together.

Topics include, but are not limited to:

- Increasing IEEE's connectivity to the industry
- Service to members and local communities
- Engaging and recruiting members
- Creating innovative educational opportunities (Higher Education, Pre-University Education, Recurrent Education, etc.)
- Increasing the visibility of IEEE and its relevance to different communities
- Projects related to any other matter, theme, or topic of relevance to IEEE strategic directions

To impact the local/global communities, you are invited to submit proposal(s) for projects, programs, and events.

For full terms & conditions, funding requirements, type of projects supported and what kind expenses are not allowed, please visit R10 New Initiative website (<https://spnic.ieeer10.org/>).

Eligibility

The program is open to **all IEEE R10 members, supported and endorsed in one or more OUs in Region 10.**

Proposals that bridge multiple OUs, including from other regions, will also be highly welcome.

Schedule

Proposals Deadline	Ongoing Until 15th November 2024
Notification of Acceptance	Within 6 weeks of submission
Disbursement Requests Deadline	30th November for the year

Further Information

Please refer to the [Terms of Reference](#) on the website for Key Features of New Initiatives, Legal Requirements, Proposal Collection and Selection Process.



Online Form

<https://spnic.ieeer10.org/submission-2024-ni/>



Point of Contacts

IEEE R10 SPNIC (r10spnic@ieee.org)

IEEE R10 WIE DEI GRANT

Agnes Irwanti, Chair, IEEE R10 Women in Engineering Committee

The IEEE's mission; to foster technological innovation and excellence to benefit humanity requires the talents and perspectives of people with different personal, cultural, and disciplinary backgrounds. To achieve this mission, IEEE R10 WIE has set up an initiative of Diversity, Equity, and Inclusion (DEI). DEI initiative has the following missions:

1. Promoting Diversity:

It increases representation of underrepresented groups, such as women, minorities, and individuals from diverse backgrounds, within R10 WIE membership and leadership positions, it is important to collaborate with other IEEE entities and external organizations to support diversity initiatives and programs in engineering and technology.

2. Advancing Equity:

Identify and address systemic barriers and biases that may hinder the full participation and advancement of certain groups within R10 WIE and the broader IEEE community. Ensuring equitable access to resources, opportunities, and support for professional development and advancement for all R10 WIE members.

3. Fostering Inclusion:

By creating an environment where all members feel valued, respected, and empowered to contribute. Organize events, programs, and initiatives that celebrate diversity and promote cross-cultural understanding and collaboration among R10 WIE members.

This call for Expression of Interest asked applicants to contribute to the DEI initiative by proposing DEI-related activities.

Theme 1: Diversity Awareness

Promoting diversity awareness involves fostering an understanding and appreciation of diverse cultures, backgrounds, and perspectives within the engineering community. It encourages individuals to learn about and respect different customs, traditions, and virtues. For the WIE DEI grant, 18% of applications were submitted under theme 1.

Theme 2: Gender Equity and Inclusion

Addressing gender disparities and fostering an inclusive environment for all genders is crucial in the engineering sector. This theme focuses on creating equal opportunities, eliminating gender biases, and ensuring all feel valued and respected. Based on the application received, 50% of applications are focused on theme 2

Theme 3: Accessible and Inclusive Environment

This theme centers around creating physical and digital environments accessible to individuals of all abilities and backgrounds. It involves removing barriers and making necessary adjustments to ensure everyone can contribute effectively.

Stay tuned with <https://wie.ieeer10.org/> for more details.

IEEE R10 YOUNG PROFESSIONALS COMMITTEE

Aishwarya Bandla, Chair, IEEE R10 Young Professionals Committee

The 2024 activity plan for the R10 Young Professionals (R10 YP) Committee is driven by three strategic projects: ENABLE, EMPOWER and ENGAGE. Each project encompasses multiple programs designed to support young professionals in the region; each led and orchestrated by a diverse and dynamic team.

Project ENABLE aims to boost Vitality of R10 YP affinity groups (AGs)

- R10 YP Nexus, a central hub for Section YP AG leaders, will focus on fostering connections, knowledge sharing, and collaboration across the region.
- R10 YP Vitality Toolkit is envisioned to be a playbook for AG vitality providing resources for AGs to thrive.
- R10 YP Buddy Fund will support joint activities by inactive/dormant AGs and active AGs, to revitalize by increasing engagement and collaboration.

Project EMPOWER will augment the Vibrancy of R10 YP members with a focus on future readiness fuelled by technical and professional upskilling.

- GEMS (Gateways to Engage, Master, and Succeed) is a unique initiative that focuses on technical and professional skill development, while also building relevant technology solutions for the IEEE community.
- Upskill Fund will support local initiatives on professional development and industry engagement.
- The IEEE R10 YP Career Leadership Aid Program (CLAP) will equip the next generation of technology professionals to be holistic leaders through interactive workshops on personal and professional development, industry expert sessions on career discovery, and invaluable insights from IEEE leaders on creating societal impact. CLAP 2024 will be held on the 29th of August in Tokyo, Japan, in conjunction with the 2024 R10 SYWL Congress.

Project ENGAGE aims to amplify the Visibility of R10 YP volunteers and AG activities.

- Outreach & Engagement initiatives will strategically promote member engagement through various communication channels.
- Awards & Recognitions, including annual region awards and new micro-recognition initiatives, will recognize and celebrate exceptional achievements.
- R10 YP Volunteer Collective will be a platform for volunteers to train, engage in, and lead diverse initiatives.

Connect (@ieeer10yp), collaborate, and contribute.

Together let's create a lasting collective impact!

R10 HTA SIGHT CHAIRS AND MEMBERS MEETING

Emi Yano, Chair, IEEE 10 HTA Committee

IEEE R10 Humanitarian Technology Activities (HTA) Committee hosted an online gathering for SIGHT Chairs and Members on 30 March 2024. The meeting underscored our members' collective passion and commitment to leverage technology for humanitarian efforts. The session kicked off with warm welcomes from Emi Yano, IEEE 10 HTA Committee Chair.



Presenting IEEE R10 HTA plans at the meeting

The meeting provided a platform for participants to share their leadership journeys, and exchange ideas with peers within the region. IEEE R10 HTA Committee members introduced key topics that are critical to the advancement of the mission, including volunteer engagement, funding mechanisms, strategic collaborations, and the effective initiation and maintenance of SIGHT Groups.

A highlight of the meeting was the showcase of successful projects in 2023, spanning Agricultural Technology, Water Sanitation, Clean Energy, and ICT. These innovative initiatives underscore the commitment to the Sustainable Development Goals (SDGs) and demonstrate the transformative impact our collective efforts can have across the IEEE network.

The meeting also offered invaluable guidance for the establishment of new SIGHT Groups, equipping participants with insights to craft successful humanitarian project proposals. Looking ahead to 2024, the committee outlined the strategic direction with the introduction of R10 HTA Projects, including the Engagement Project, Events, R10 Supporting Fund, and the R10 HTA Award.

Overall, the meeting served as a profound reminder of the diverse insights and boundless opportunities that emerge from our community. It affirmed our collective journey towards igniting change and driving innovation in humanitarian technology.

STAY TUNED WITH IEEE R10 PROFESSIONAL ACTIVITIES

Daniel Eghbal, Chair, IEEE R10 Professional Activities Committee

IEEE R10 Professional Activities Committee (PAC) plan for 2024 covers three main areas namely Section outreach, professional development courses, and virtual panel discussions on emerging topics.

The PAC has been working with Sections to identify active Professional Activities (PA) coordinators and appoint new officers to allocate more resources and focus on Professional Activities. Industry engagement and collaboration with other R10 committees will be the focus of PAC activities.

In 2024, the committee will continue offering discounted professional development courses from the IEEE Blended Learning Program to all eligible members. Members can apply at any time in 2024 to enroll in one of these courses from the IoT Program, Innovation Management and Intellectual Properties (Basic) or Innovation Management and Intellectual Properties (Advanced).

The PAC will support Sections to organize workshops similar to an [IEEE Future Tech Forum](#). These workshops are aimed at fostering partnerships and engagement with industry, academia, and government. Workshops should enable audience-engaging roundtable discussions with global subject-matter experts and thought leaders. More details can be found on the [website](#).



IEEE Region 10
CONNECT

IEEE Region 10 Newsletter

presents interviews with
IEEE Leaders



Kathleen Kramer

IEEE PRESIDENT-ELECT 2024

Watch the full video on YouTube



ETHICS AND RISKS



Dr. Sudeendra Koushik

Chair
IEEE R10 Ethics and
Enterprise Risk Management

Any organization intends and strives to perform well over extended periods. While organizations have strategies and action plans as the primary focus to achieve their organization goals, two secondary guides are needed for such organizations to successfully meet their goals. The first guide is 'Ethics' and the second guide is 'Risk Management'.

Ethics guides us in doing the right things in the right way. Various challenges appear when we want to reach our goals due to people, conflicts, environmental change, and more. Making the right choices can be challenging but it is necessary. While leaders are entrusted with a lot of responsibilities, it is through vested power to decide and act that yields results. Potter Stewart said, "Ethics is knowing the difference between what you have a right to do and what is right to do". So, ethics guides leaders and people in any organization to keep the focus on what is the right thing to do. Without Ethics strongly embedded in it, any, even a great organization can crumble and do so very quickly.

The other guiding principle to support an organization in realizing and reaching its goals is 'Risk' management.

Risk is a potential or possible hurdle that could prevent the organization from achieving its goals. There are different types of risks financial, operational, and so on. A proactive organization will have to understand which risks are roadblocks or hurdles to the goals of the organization.

Risks are imminent to any organization irrespective of what domain they operate in. But the more successful ones 'manage' the risks better than the others. This is valid for volunteer-driven organizations such as IEEE but also for tech companies like Research in Motion. It is very important to have good risk management in place for any type of organization.

Once the risks are 'identified' the next step is to quantify what these risks mean. In certain cases, some risks are acceptable while some are not. The classification of what to do with which risk can be done using a simple 'severity' and 'probability' matrix. Severity indicates how big is the impact if the risk materializes. Probability as the name says is how probable the risk is in reality. Some risks can be 'accepted' while some risks will be 'mitigated'. For the risks that are not acceptable, the organization has to put in place risk 'mitigation'. It is also possible that some risks are so big that the course of action would be changed to avoid any chance of that risk appearing.

For any organization which wants to have risk management, it is of utmost importance that the leadership of the organization understand 'risk management'. The leadership actively reviews the risks and assesses that certain things can hamper the plans and goals of the organization. Successful teams identify and manage these risks take the organization towards their goals and deliver success.

2024 IEEE R10 HUMANITARIAN TECHNOLOGY CONFERENCE

IEEE R10 Humanitarian Technology Conference (HTC2024), organized by the IEEE Malaysia Kuala Lumpur Subsection (IEEE MYKL) Subsection, is scheduled for 1 - 3 October 2024 at the Royale Chulan Hotel in Kuala Lumpur. The event theme is "Sustainable Technologies Supporting Environment, Social and Governance (ESG)". It highlights the role of technology in addressing societal challenges and advocating for practical and sustainable solutions.

HTC2024 extends a warm invitation to researchers, enthusiasts, and changemakers from various sectors including technology, engineering, science, finance, NGOs, governments, academia, and industries. This conference serves as a convergence point for experts to exchange insights and engage in meaningful discussions on recent technological developments.



Special programs tailored for women in engineering, young professionals, entrepreneurship, and innovation further promote inclusivity and empowerment within the tech community. All accepted and presented papers will be eligible for submission to IEEE HQ for publication in IEEE Xplore.

To register your interest and learn more about HTC2024, please visit <https://ieeemy.org/htc2024/>.

For inquiries and further information, please contact ieeer10.htc2024@gmail.com.

This conference will provide ample networking opportunities, enabling attendees to connect with peers, forge partnerships, and exchange ideas, fostering collaboration and innovation.



IEEE Region 10 Conference 2024 (TENCON 2024)

Artificial Intelligence and Deep Learning Technologies for a Sustainable Future

1 - 4 December 2024 | Marina Bay Sands | Singapore

www.tencon2024.org

On behalf of the Organising Committee, we are delighted to extend a warm invitation to you to the TENCON 2024.

trends and groundbreaking advancements in emerging technologies.

Singapore, a proud host of TENCON for the second time, welcomes you to join us in this remarkable endeavour. The conference will spread over 4 days from 1 – 4 December 2024 at the Sands Expo & Convention Centre. Under the theme “Artificial Intelligence and Deep Learning Technologies for a Sustainable Future”, we aspire to ignite your imagination with revered luminaries and accomplished experts who will delve into the latest

Paper Submission Deadline: 30 May 2024
 Notification of Acceptance: 1 August 2024
 Final Manuscripts Submission: 10 September 2024
 Standard Registration: 16 September 2024

We look forward to extending a warm welcome to you in December 2024!

Visit <https://tencon2024.org/> for more details.

2024 IEEE REGION 10 SYMPOSIUM

For the years, the IEEE Region 10 Symposium (TENSYP) has brought together a tremendous and rich diversity of authors and speakers from universities, industries, government, and public sectors around the world, to share ideas and new perspectives on a wide range of research in science, engineering, and technologies. 2024 TENSYP will be hosted by IEEE Delhi Section on 27-29 September 2024 under the theme "Technology Advancements to Help Society Overcome Various Socio-Economic and Health Challenges".



Last Date of Submission of Full-papers: 15 May 2024
 Paper Acceptance Notification: 15 July 2024
 Early Bird Registration Deadline: 30 July 2024
 Submission of Camera-ready Papers: 15 August 2024
 Last Date of Registration (for authors): 15 August 2024
 Last Date of Registration (for general delegates): 15 September 2024

Visit <https://tencon2024.org/> for more details.

2024 IEEE R10 STUDENTS, YOUNG PROFESSIONALS, WOMEN IN ENGINEERING AND LIFE MEMBERS (SYWL) CONGRESS

IEEE R10 SYWL Congress is a biannual event of IEEE Region 10, Asia Pacific Region, for fostering volunteer leadership for Students, Young Professionals, Women in Engineering and Life Members.

“COLLABORATIVE LEADERSHIP BEYOND VARIOUS BOUNDARIES”



August 29 (Thursday) - September 1 (Sunday)



National Olympics Memorial Youth Center, Tokyo, Japan

<https://iee-jp.org/japanCouncil/affinitygroup/R10SYWL2024/index.html>

Hosted by: IEEE Japan Council, IEEE Sapporo Section, IEEE Sendai Section, IEEE Tokyo Section, IEEE Shin-etsu Section, IEEE Nagoya Section, IEEE Kansai Section, IEEE Hiroshima Section, IEEE Shikoku Section, IEEE Fukuoka Section.

SPONSORSHIP OPPORTUNITY

Become a sponsor and make a difference! Download our Sponsorship Proposal [here](#) for details.

[Register Here](#)

If you cannot access google form, please use [this registration form](#).

IEEE MILESTONE DSS 43

Ambarish S Natu, Section Chair, IEEE ACT Section

On March 6, 2024, the Canberra Deep Space Communication Complex was proud to host the DSS-43 Milestone Ceremony with IEEE President-Elect for 2024, Professor Kathleen Kramer, and IEEE R10 Director, Professor Fung in attendance. This event celebrated the achievements surrounding DSS-43, the Southern Hemisphere's most giant steerable parabolic antenna, showcasing our city's significant contribution to space exploration and scientific discovery. Thanks to CDSCC Director Mr. Kevin Feruson, Outreach and Visitor Centre Manager Mr Glen Nagle, and Janina Mazireska for successfully making this application.

DSS43 initially featured a 64-meter antenna (1969-1973) and was later expanded to 70 meters (1987). Its capabilities supported missions like Apollo 17, Viking 1 and 2, and Voyager encounters with Jupiter, Saturn, Uranus, and Neptune. With its remarkable technical specifications, including precise surface flatness and pointing accuracy, DSS43 facilitates communication over vast distances, supporting missions as far-reaching as Voyager 2's exploration beyond Neptune.



Operated by NASA's Jet Propulsion Laboratory (JPL), the Deep Space Network (DSN) relies on antennas like DSS43 strategically placed worldwide. DSS43's role in transmitting data from celestial explorers like Voyager and Curiosity rovers underscores its importance in expanding our understanding of the universe.

The plaque citation commemorating DSS43 highlights its involvement in numerous historic missions and emphasizes its continued significance for future space endeavors. As a key component of NASA's Deep Space Network, DSS43 remains instrumental in advancing our knowledge of the solar system and beyond, exemplifying the critical role of communication infrastructure in space exploration.



Guests at Ceremony of IEEE Milestone DSS 43

IEEE | RUTGERS ONLINE MINI-MBA APAC VIRTUAL EVENT

ESSENTIAL BUSINESS SKILLS FOR ENGINEERS: BRIDGING THE GAP BETWEEN BUSINESS AND ENGINEERING

Rachel O. Warnick, CAE Director, Education Strategy, Marketing & Governance, IEEE Educational Activities

As the global engineering service industry gears up for high growth, the Asia Pacific region will continue playing a vital role in fueling this positive outlook. With its rich cultural diversity and a constant drive towards innovation, the region has successfully motivated technology professionals to develop their careers.

To facilitate the objective a webinar on Essential Business Skills for Engineers: Bridging the Gap between Business and Engineering was held under the [IEEE | Rutgers Online Mini-MBA for Engineers](#) on 17 April 2024. The speakers were Peter Methot, Associate Dean of Executive Education, Assistant Professor of Professional Practice, Rutgers Business School, Jennie Fine, Associate Dean of Executive Education, Assistant Professor of Professional Practice, Rutgers Business School, Sohaib Sheikh, Senior ICT and Smart Buildings Professional, and Ira Tan, Regional Sales Manager, IEEE APAC.

The webinar covered how your technical skills are undoubtedly valuable as an engineer or technical professional. It was discussed how In today's corporate landscape, possessing effective communication and strong business acumen is equally essential for career advancement. To truly thrive and contribute to your organization's success, it is crucial to grasp cross-disciplinary concepts and collaborate seamlessly within multi-functional teams.

Join IEEE and Rutgers Business School as they share the types of achievements you can achieve with the right training and resources.

Visit the previous versions of R10 Connect!!



Special Edition 2024

December 2023

October 2023

July 2023

IEEE JAPAN COUNCIL MANGA PROJECT 2024

Yusuke Kozawa, Student Activities Committee Chair, IEEE Japan Council

After the resounding success in 2023, we are thrilled to announce our collaboration with Maruzen Yushodo Co., Ltd and Dai Nippon Printing Co., Ltd to release two free manga titles in both Japanese and English versions. These engaging comics are crafted to ignite curiosity and interest in STEM subjects. Student submissions are reviewed by professional manga artists, who select the top two stories for publication.

We invite you to explore these captivating works and share your feedback with us.

You can check out last year's (2023) two manga titles and the Manga Project at the following URLs:

- [IEEE Japan Council Manga Project](#)
- [IEEE USA Manga](#)

As we contemplate the future of this project, your input is invaluable. Help us shape the next steps of this three-year endeavor by sharing your thoughts and suggestions.

Let's continue inspiring future generations of innovators together!

[Submit your feedback here!](#)



[A Step into the Future](#)



[AI Teacher](#)



[LAST TEEN](#)



[BOKU ★ TRIPLE-E \(I★EEE\)](#)



[KOGAKU JOSHI 2 \(Girls in Engineering 2\)](#)



[SANSHIN CHO-DE! \(Sanshin Brothers\)](#)



[ORIKOU! RIKO-CHAN \(Clever Riko-chan\)](#)



[Kogaku Joshi \(Girls in Engineering\)](#)

GLOBAL GLOW: INTERNATIONAL WOMEN'S DAY CELEBRATIONS

Mishel Perera, Secretary, IEEE WIE AG of Sri Lanka

The IEEE Women in Engineering Sri Lanka Section ushered in their new term with an event titled "Global Glow" on the 26th of March 2024. Organized in collaboration with the IEEE WIE Sections of Miami, Central Texas, and Victoria, the event celebrated International Women's Day 2024 as a hybrid event at TRACE Expert City, Sri Lanka.

The event commenced with a thought-provoking keynote address titled "The Glow of Diversity is Productivity" by Mrs. Leslie Martinich, an IEEE Distinguished Lecturer and Awards Committee Chair of IEEE R5. The evening also comprised a panel discussion on "Inspiring Inclusion." The esteemed panelists included Dr. Saja Al-Rifai, a

Visiting Teaching Professor with a Ph.D. in Mechanical Engineering, and Prof. Riham ALTawy, Associate Professor and Graduate Program Director at the University of Victoria.

The discussion was moderated by Ms. Anupama Pathirage, Director of Engineering at WSO2. Subsequently, participants were divided into virtual breakout rooms and tasked with solving a puzzle together. The event also incorporated a cultural showcase, where each WIE Section presented videos showcasing their members in traditional attire. The evening was concluded with a dance performed by the WIE SL Section.



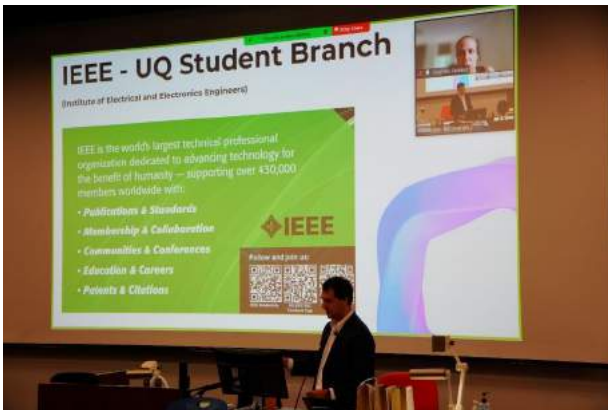
Hybrid Global Glow event hosted at TRACE, Colombo

UNIVERSITY OF QUEENSLAND NET ZERO SUMMIT

**Yunda Xu, President, IEEE HKN Mu Kappa
Chapter, University of Queensland**

The UQ Net Zero Summit with the theme, 'Net Zero from Research to Industry' was held on 6 March 2024 at the University of Queensland (UQ) by the IEEE HKN Mu Kappa Chapter in collaboration with the IEEE UQ Student Branch. This summit marked a significant milestone in the ongoing conversation surrounding climate change and sustainability. With an impressive turnout of 70 attendees, the event demonstrated a groundswell of interest and dedication toward addressing pressing environmental concerns.

Attendees were engaged in a diverse array of activities beyond traditional panel discussions, aiming to foster dialogue, collaboration, and actionable insights. Interactive sessions provided a platform for robust discussions, allowing participants to exchange perspectives and gain deeper insights into the complexities of climate action. Moreover, networking opportunities were abundant throughout the event, facilitating connections between attendees, experts, and industry leaders. These interactions encouraged the sharing of ideas and experiences, fostering meaningful collaborations and partnerships.



Introduction in UQ SB activities

The highlight of the event was a panel discussion, featuring Dr. Saphira Rekkar, Mr. Joel Bulow, and Professor Simon Smart. Each panelist brought unique insights and perspectives to the table, enriching the dialogue on climate action and sustainability.

Dr. Saphira Rekkar, a Senior Lecturer at UQ Business School, specializing in sustainable finance, emphasized the critical importance of regulatory frameworks in driving green initiatives and ensuring compliance with global climate goals. She highlighted the need for continuous tracking of emissions by companies and underscored the significance of corporate accountability and transparency.

Mr. Joel Bulow, a Senior Energy Market Consultant from EY, discussed the concept of a digital twin of the energy market and legislative initiatives driving renewable energy adoption. He emphasized the importance of collaboration and innovation in facilitating the transition to a sustainable energy future.



Participants at UQ Net Zero Summit

Professor Simon Smart, the UQ project lead for Net Zero Australia, provided insights into Queensland's progress towards net zero emissions. He discussed initiatives aimed at transitioning power stations and efforts in training and reskilling the workforce for a sustainable future. Professor Smart highlighted Queensland's potential as a net energy exporter and underscored the challenges and opportunities associated with achieving net zero emissions.

In conclusion, the UQ Net Zero event was a platform for dialogue, collaboration, and action, highlighting the shared commitment to addressing climate change and working towards a greener, more sustainable future.

BIOHORIZON GALA: EXCELLENCE IN BIOMEDICAL ENGINEERING & BEYOND

**Tooba Khan, Advisor, IEEE EMBS SHU
Student Chapter**

IEEE Student Branch of Salim Habib University (SHU) and the Biomedical Engineering Departmental Society We.M.E. orchestrated the BioHorizon Gala: Excellence in Biomedical Engineering and Beyond on 5 December 2023, to commemorate Biomedical Engineering Day.

The event showcased a captivating and fiercely competitive segment named Pitch Revolution, where students presented their innovative ideas, receiving enthusiastic appreciation from panel members representing the industry. Following this, the audience was treated to enlightening guest speaker sessions featuring distinguished professionals from both industry and academia. Engr. Dr. Khalid Bin Muhammad, Senior Faculty at the Department of Computer Science, Institute of Business Management, and IEEE ExCom Secretary, also conducted a session emphasizing the importance and benefits of IEEE memberships. Adding to the significance of the day, the inauguration ceremony of the newly established IEEE Engineering in Medicine and Biology Society SHU Student Chapter took place concurrently.

INSIGHTS FROM THE IEEE R10 COMPUTER SOCIETY CHAPTERS CONGRESS 2024

Kavinga Upul Ekanayaka, Industry Relations Chair, IEEE Sri Lanka Section

The IEEE R10 Computer Society Chapters Congress 2024, was hosted by the IEEE Sri Lanka Section on 8-10 March 2024 at Hotel MaRadha, Colombo, Sri Lanka. With a combined physical and virtual presence, the congress saw the active engagement of over 25 participants, including 4 committee members, 9 chapter chairs/officers, IEEE Computer Society Headquarter official, Eric Berkowitz, Director of Membership and Education, alongside organizers from the Sri Lanka Section.

Keynote speeches, including virtual addresses by Jyotika Athavale, President and David Bondurant, Vice Chair of MGA, IEEE Computer Society, offered a global perspective, outlining the society's initiatives worldwide. The Congress also featured dynamic panel discussions, engaging chapter presentations, and Dr. K. Subramanian's online talk on "Innovation in Data Science/Engineering," highlighting the transformative potential of emerging technologies.



Participants at IEEE R10 Computer Society Chapter Chairs Meeting 2024

Beyond formal sessions, attendees embraced cultural experiences and networking opportunities, fostering connections and partnerships. The exchange of experiences and insights has paved the way for collaborative efforts to address the challenges faced by the computer science and engineering community in the Asia-Pacific region.

FALLCODE: EMPOWERING TOMORROW'S INNOVATORS THROUGH PYTHON PROGRAMMING

Nabeelah Faumi, Chair, WIE Student Branch Affinity Group of IIT

In 26 November 2023, the WIE Student Branch Affinity Group of Informatics Institute of Technology (IIT) Colombo, in collaboration with the WIE Student Branch Affinity Group of the University of Colombo School of Computing, organized FallCode, a vibrant team hackathon tailored to introduce Python programming to school children.



Bringing together 60 eager participants from 10 different schools in Colombo, the event formed 20 teams, each poised to delve into the world of coding and problem-solving. Led by industry professionals, the workshops provided not only a comprehensive overview of Python's syntax but also guided participants through real-world applications, fostering a deeper understanding of computational thinking. Through this collective effort, FallCode not only bridged the gap between theory and practice but also nurtured a community of young innovators poised to shape the future of technology.

IEEE MALAYSIA SECTION STEM EDUACTION

Mohd Hafiz Ismail, Communication and Newsletter Chair, IEEE Malaysia Section

On 24 January 2024, the first STEM EduAction was conducted at SRIAZ Perlis, Perlis, Malaysia with the active participation of 35 Standard 4 and 6 students, accompanied by four dedicated teachers who engaged enthusiastically in the STEM activities. On 30 January 2024, the Malaysia Section hosted an engaging event at SMKA (P) Alawiyah Perlis, attended by 176 enthusiastic and supportive teachers, creating a vibrant learning environment filled with interactive STEM initiatives. On 1 February 2024, the focus shifted to FKTE UniMAP, where 79 secondary students and teachers from SMKA Yan Kedah actively participated in the STEM programs, fostering a culture of curiosity and innovation. Wrapping up our series of events for the first quarter of 2024, on 28 February 2024, an exciting gathering at Eureka Lab, PSNCWU was organized. This event brought together 40 enthusiastic students from various educational levels and 42 dedicated trainers, creating an interactive and engaging atmosphere conducive to learning and exploration.

These successful events were made possible through the collaborative efforts of our esteemed Strategic Partners; Universiti Malaysia Perlis (FKTE, IMK, INEE, FKTE), IEEE Sensors and Nanotechnology Joint Councils Chapter, IEEE EDS Malaysia, and PSNCWU along with BRAINet (M) and the MOSTI Malaysia.



Participants at STEM EduAction at SRIAZ Perlis, Perlis, Malaysia

The activities conducted during these events were diverse and aimed at fostering curiosity and knowledge in STEM fields among students. Some of the engaging activities included Microcontroller, Robotics, Nano Roadshow, DaMaT, SnapCircuit, IQ Puzzler, Roadblock, Memory Games, Sudoku, Periodic Table Puzzles, Running: Bit, Omni: Bit, Electromagnetism, and Da Vinci Bridge.

CODESPRINT 8 – IDEATE WORKSHOP

Amirah Rasmin, Secretary, IEEE Student Branch of the Informatics Institute of Technology

The flagship event of the IEEE Student Branch of the Informatics Institute of Technology (IIT), CodeSprint, the largest inter-university idea incubator in Sri Lanka's university landscape, is being organized for the 8th consecutive year.

The Ideate Workshop of CodeSprint 8 was successfully concluded, with 240+ attendees, on 10 March 2024, at the IIT School of Computing GP Square Auditorium, Colombo. The workshop was enriched by the presence of three distinguished entrepreneurs in Sri Lanka: Mr Dulith Herath, the Founder and Chairman of Kapruka Holdings PLC, Mr Jiffry Zulfer, the Founder and CEO of PickMe,



Glimpse to CODESPRINT 8 - IDEATE WORKSHOP

and Mr. Subodha Perera, the Founder, and CEO of Econsulate Pvt Ltd. The speakers led an insightful session on the aspects of Startup and Entrepreneurship in the Digital Age. The participants expressed their enthusiasm by actively engaging with the speakers during the session.

IEEE HYDERABAD SECTION ACTIVITIES

Gobinda Prasad Acharya, Chief Editor, IEEE Hyderabad Section Newsletter

Distinguished Lecture on "Entrepreneurship: Turning Ideas into Reality"

Joint chapter of IEEE Microwave Theory and Technology, Antennas and Propagation, Electromagnetic Compatibility Societies of IEEE Hyderabad Section organized Distinguished Lecture on "Entrepreneurship: Turning Ideas into Reality" by Prof., Cynthia M. Furse, Electrical and Computer Engineering, University of Utah, Salt Lake City, Utah, USA on 6 January 2024 in online mode through WeBEx platform. Prof. Cynthia discussed various aspects of entrepreneurship and highlighted how a small idea that has the potential to make a big impact or make a significant change to society can be turned into an entrepreneurial journey. She highlighted the challenges faced and how to overcome these challenges during entrepreneurial journey by sighting examples from her own journey. She also explained the importance of learning about customers, being willing to take intellectual risks, and picking partners for success. She explained the important entrepreneurial skills, a person needs to inculcate to achieve success.

Success." The talks were by Dr. Vijayalata on Women, Empowering Humanity, Ms. Sudheshna Chowdary on Women in Sustainability, Dr. Mini Ulanat on Invest in Yourself, and Ms. Rushali Thakkar on Women in Engineering: Overcoming Challenges and Achieving Success.

Talk Series: Leveraging Women in Engineering Towards Accelerating Progress and Achieving Success

On 8 March 2024, IEEE WIE AG Hyderabad Section, in collaboration with IEEE WIE India Council, hosted a series of enlightening Lightning Talks on "Leveraging Women in Engineering towards Accelerating Progress and Achieving

IEEE IES SYP Congress 2024

IEEE IES Student Branch Chapter of RVR&JC College of Engineering has been selected as Local Host for the International IES SYP Congress 2024. This event will be powered by the IEEE Industrial Electronics Society held on 25-27 July 2024 in Hyderabad, Telangana, India. For more details visit <https://syp.ieee-ies.org/>



Call for Articles!!

R10 Newsletter
August 2024 Issue

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IEEE KOLKATA SECTION ACTIVITIES

Chandi Pani, Newsletter Subcommittee Chair, IEEE Kolkata Section

IEEE Kolkata Section in organized a workshop in conjunction with the 25th International Conference on Distributed Computing and Networking (ICDCN 2024) held on 4-7 January 2024, Chennai, India. The workshop focused on recent research in networking and distributed computing fields which has given immense rise to emerging areas like the Internet of Things, Mobile and Cloud Computing, Big Data Analytics, Machine Learning, 5G, etc. The program was partially sponsored by IEEE Women in Engineering (WIE).

The Department of Computer Science and Engineering, Jadavpur University in technical association with IEEE Young Professionals, Kolkata Section organized a Technical Lecture Programme on 'Rethinking Model interpretability in binary medical image classification problems' at ADMH, Dept. of CSE, Jadavpur University on 5 January 2024.

The IEEE Circuits and Systems Student Branch Chapter of the Institute of Engineering and Management (IEM) organized a quiz competition during the Kolkata Book Fair. The event was focused on recent trends, general knowledge, sports, science, space, and electronics. The event also helped to promote IEEE and its benefits. Many youngsters found the event attractive and took part in the same. Apart from the youngsters, the crowd itself showed a huge amount of interest in answering the questions asked. Prizes were distributed to the participants and a total of 50 participants participated in the quiz competition.

INTRODUCTION TO 3-D MODELING WORKSHOP OF IEEE HIET SB

Umer Saleem, Vice Chair, IEEE HIET SB

IEEE Hamdard Institute of Engineering and Technology (HIET) Student Branch along with HIET WIE AG organized a workshop titled "Introduction to 3-D Modeling" at Hamdard University, Karachi on 21 October 2023. Engr. Syed Raheel Zafar, Lecturer, Hamdard University conducted the session, covering SolidWorks basics including user interface, sketch tools, part modeling, etc. The participants gained practical skills crucial for engineering design and manufacturing.



3D Modeling workshop session at the laboratory

The session provided immense value, with attendees appreciating the interactive learning and expert guidance. Students highlighted its relevance for their academic and future endeavors. Such workshops play a vital role in bridging theoretical knowledge with practical application, preparing students for modern engineering challenges.

IEEE PES CHAPTER KARACHI SECTION - PES YP IGNITION FUNDED EVENT AT HAMDARD UNIVERSITY AND MEHRAN UNIVERSITY

Muhammad Faisal Khan, Secretary, IEEE PES Chapter Karachi Section

"Energizing Pakistan through PES YP" was organized at Hamdard University, Karachi, Pakistan on 6-7 November 2023, and Mehran University (MUET), Jamshoro, Pakistan on 21 November 2023 in hybrid mode. The event was funded by IEEE Young Professionals (YP) Power and Energy Society (PES) under PES YP Ignition Fund 2023 and was jointly organized by the IEEE PES Chapter Karachi Section, IEEE Hamdard Institute of Engineering and Technology (HIET) Student Branch, IEEE HIET WIE AG and IEEE MUET PES Student Chapter. The event included workshops and seminars conducted on topics including IEEE PES Awareness, Opportunities for Electric Vehicles in Pakistan, Latest trends in Renewable Energy, and Cloud Computing. The event consisted of a hands-on MATLAB workshop on the Design and Analysis of Transmissions Systems.



Participants at Energizing Pakistan through PES YP



Participants at MATLAB workshop at Design and Analysis of Transmissions Systems

COLLABORATIVE INITIATIVES TRANSFORMING EDUCATION IN MALAYSIA

Maizatul Zolkapli, Treasurer, IEEE Malaysia Section

During the Malaysia Unit Trust Week 2023, held in Bertam, Pulau Pinang, from 30 September to 8 October 2023, the electron Devices Society (EDS) Malaysia Chapter joined forces with the Malaysian Industrial Development Finance Berhad (MIDF) to enrich the financial literacy carnival with STEM components. Under the leadership of Ir. Dr. Maizatul Zolkapli, the event boasted interactive exhibits that shed light on the pivotal role of STEM in education.



School students attentively listening to the facilitator's explanation on electrical circuits during Kuala Lumpur State Education Department STEM Convention

In a subsequent endeavor, EDS, in collaboration with Universiti Teknologi MARA (UiTM) and the Wilayah Persekutuan Kuala Lumpur Education Department, launched the STEM4FUN: STEM FOR ALL initiative from 25-26 October 2023.

This initiative successfully engaged 545 students from 60 schools aiming to ignite curiosity and enhance problem-solving skills through immersive, hands-on activities. These collaborative projects represent a concerted effort among academia, the private sector, and government bodies in Malaysia to nurture the intellectual growth of young individuals and meet the country's demand for a highly skilled technical workforce.



MIDF representatives explaining Snap Circuit activities to young learners at MIDF's booth during Financial Literacy Carnival MSAM 2023 at Setia Fontaines, Bertam, Pulau Pinang, Malaysia

11TH INTERNATIONAL CONFERENCE ON RELIABILITY, INFOCOM TECHNOLOGIES AND OPTIMIZATION

Rekha Agarwal, Director, Amity Institute of Information Technology

Amity Institute of Information Technology, Amity University Uttar Pradesh, Noida, India organized the IEEE 11th International Conference on Reliability, Infocom Technologies and Optimization (ICRITO) which was held on 14 - 15 March 2024 in hybrid mode. This conference was technically sponsored by the IEEE Uttar Pradesh (UP) Section. More than 500 participants from India and other nations, including Turkey, Argentina, Malaysia, Australia, Oman, Japan, Italy, Iran, USA, UK, Czech Republic, and Morocco attended the conference. Academicians, researchers, and working professionals in the fields of software and hardware reliability, information technology, telecommunications, operational research, artificial intelligence, big data analytics, and the Internet of Things participated in the conference. Among 1346 submitted research papers for the conference, 361 research papers were accepted for presentation and publication.

The recent ICRITO 2024 conference featured 18 keynote and invited talks delivered by renowned academicians and researchers from various countries including Turkey, Argentina, Malaysia, and more. With 31 technical tracks and 89 session chairs, the event ensured rigorous evaluation and improvement of paper presentations. Additionally, a Pre-Conference Seminar on Cyber Security provided valuable insights. This two-day conference not only assessed global economic trends but also guided young scholars and practitioners toward future directions. By promoting national collaboration and facilitating idea exchange, the conference benefited participants from diverse backgrounds, including researchers, industry professionals, and students in the IT sphere.