

IEEE REGION 10 CONNECT

IEEE
Region 10



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Issue 1

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IEEE R10 SAC Enhance Activities for Membership Development

On October 4th, IEEE R10 Student Activities Committee (SAC) organized a free online event titled "IEEE R10 SAC Webinar 2025: Thailand Edition", featuring distinguished keynote speakers. The webinar covered insightful topics such as "MyEdTech Research in Japan and Thailand" [Page 6](#)

IEEE R10 Executive Committee Meeting 2026, Colombo, Sri Lanka

Message from the IEEE R10 Director

The 2026 IEEE Region 10 Executive Committee (ExCom) Meeting was successfully held in Colombo on January 10, 2026, [Page 3](#)

Message from the IEEE R10 Director-Elect

It is a pleasure to welcome the IEEE community across Region 10 to the first edition of our regional newsletter for 2026. [Page 5](#)



Ready to (ad)venture and rise with Region 10 WIEC?

Astounding jump in membership of R10 WIE groups reported Jan. 2026 - increase of 5000+ YoY to 39,418 members - approximately two-thirds of the 60,000+ WIE members worldwide! [Page 14](#)

IEEE R10 Innovation Challenge

The 2025 IEEE Region 10 (R10) Innovation Challenge was held in conjunction with the 38th IEEE Region 10 Conference (TENCON 2025) at the Sabah International Convention Centre (SICC), Kota Kinabalu, Malaysia, from 27-28 October 2025. The Innovation Challenge was organized by the IEEE Malaysia Section in collaboration with IEEE Region 10, the IEEE Malaysia Sabah Subsection, and Universiti Malaysia Sabah (UMS). [Page 10](#)



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MESSAGE FROM THE IEEE R10 DIRECTOR

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Following the 2026 Region 10 ExCom Meeting – Colombo

with 38 ExCom members, one observer, and two IEEE staff members in attendance. I would like to express my sincere appreciation to our hosts in Sri Lanka and to all ExCom members for their active participation and constructive discussions.

During our time in Colombo, we had meaningful opportunities to engage directly with local IEEE members. Sri Lanka has recently experienced significant natural disasters, and we reaffirmed our shared commitment to strengthening cooperation and mutual support in times of crisis. IEEE is not only a professional organization, it is a community that stands together when members and societies face challenges. Region 10 remains committed to enhancing collaboration and preparedness across our Region, particularly in disaster-affected areas.



At the ExCom Meeting, I expressed my heartfelt gratitude to the 2025 ExCom members, NAC members, and subcommittee members for their strong leadership and the excellent outcomes achieved during 2025. The continued growth and vitality of Region 10 are the results of dedicated volunteer efforts across North Asia, South Asia, and the Pacific. I emphasized the importance of continuity with gratitude ensuring smooth leadership transitions while building upon the solid foundations established by our predecessors.

At the end of January, I also had the opportunity to participate in the IEEE SPS Seasonal School hosted by the Maharashtra Section. This marked my first official engagement with the Maharashtra Section in 2026. I was deeply encouraged by the strong participation of students, researchers, and volunteers. The event reflected the vibrant technical strength of the Section and reinforced the importance of supporting student-focused and research-driven initiatives throughout Region 10.

Region 10 continues to demonstrate remarkable growth. Membership, organizational units, student branches, affinity groups, and IEEE Milestones have all shown significant increases. This sustained development reflects not only expansion in numbers but also the strength, diversity, and dynamism of our Region.

Looking ahead, I positioned 2026 as a “preparation year.” As we move toward the 2028 Region Realignment, our focus must be on readiness, clarity, and shared responsibility. Full-scale preparations are underway, including the review of bylaws, governance frameworks, and organizational structures necessary for the establishment of the new Regions 10 and 11. Strengthening governance, enhancing transparency, and ensuring balanced regional representation – including through mechanisms such as the Co-Chair system – remain central priorities.

In preparation for the 2028 Realignment, concrete governance and financial measures have already been initiated. A Region 10 / Region 11 Bylaws Review Working Group has been formally established, comprising representatives from multiple Regions and countries, with careful attention to regional balance and governance consistency.

As we move forward, I encourage all volunteers and leaders to prepare together and move forward together. By strengthening our foundations through collaboration, transparency, and the spirit of One IEEE, we can ensure that Region 10 remains resilient, inclusive, and future-ready.

Let us approach this next phase not simply as organizational change, but as an opportunity to thoughtfully design the future of IEEE in Asia-Pacific.

Following the 2026 IEEE Region 10 Annual General Meeting at Kitakyushu

The 2026 IEEE Region 10 Annual General Meeting (AGM) was successfully held in Kitakyushu, Japan, on March 28–29, 2026, at the Kitakyushu International Conference Center. I would like to express my sincere appreciation to all delegates, volunteers, and IEEE staff who contributed to this important gathering, as well as to our gracious hosts, including the IEEE Japan Council, IEEE Fukuoka Section, and our partners in Kitakyushu City.

Over the two days of the AGM, we had the opportunity to engage in productive discussions on the future direction of Region 10.



The meeting brought together leaders from across North Asia, South Asia, and the Pacific, reflecting the diversity and strength of our Region. Through open dialogue and collaborative exchange, we reaffirmed our shared commitment to advancing IEEE's mission in a rapidly evolving technological and societal landscape.

During the meeting, we reviewed the continued growth of Region 10. With 63 Sections, more than 1,100 Chapters, and an expanding network of Affinity Groups and Student Branch Chapters, Region 10 continues to strengthen its organizational footprint. At the same time, we recognized important challenges, including sustaining student engagement and further expanding industry participation. Addressing these challenges will be essential to ensuring long-term vitality and member value.

A key focus of this AGM was governance and the preparation for the upcoming 2028 Region Realignment. As previously communicated, 2026 is positioned as a "preparation year," and we are making steady progress toward this transition. During the meeting, we discussed and advanced important measures, including the development of governance frameworks, financial planning, and structural alignment for the future Regions 10 and 11.

In particular, we confirmed our direction on financial reserve allocation and regional assessment alignment, ensuring a fair, transparent, and sustainable foundation for both Regions. We also reaffirmed the importance of strengthening governance processes, enhancing transparency, and promoting inclusive leadership structures, including the continued adoption of mechanisms such as the Co-Chair system.

The AGM also provided valuable opportunities to hear from IEEE global leadership, including perspectives from IEEE officers and organizational units. These discussions reinforced the importance of aligning Region 10 activities with IEEE-wide priorities, including member engagement, technical excellence, and global collaboration.

Equally important were the many informal interactions throughout the meeting — conversations that strengthened trust, built connections, and fostered new ideas. These moments remind us that IEEE is not only a professional organization but also a global community built on collaboration and shared purpose.

As we move forward, I encourage all leaders and volunteers across Region 10 to continue working together in the spirit of "One IEEE." The path toward 2028 requires careful preparation, mutual understanding, and collective effort. By building on our strong foundation and embracing both continuity and innovation, we can ensure that Region 10 remains dynamic, inclusive, and future-ready.

Let us view the upcoming realignment not simply as organizational change, but as an opportunity to thoughtfully shape the future of IEEE in Asia and the Pacific.

Thank you for your continued dedication and leadership.



Takako Hashimoto

IEEE Region 10 Director, 2025–2026

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MESSAGE FROM THE IEEE R10 DIRECTOR-ELECT

Continued from Page 1.

What makes our region truly distinctive is not only its scale in terms of diversity and membership but also the passion and dedication of volunteers who actively build technical communities in universities, research laboratories, industries, and local sections.

Over the past year, I have had the opportunity to interact with many IEEE members across the region. One thing that consistently stands out is the strong sense of professional community that IEEE fosters. Whether it is a student branch organizing a technical workshop, a chapter hosting an expert lecture, or a section bringing together academia and industry through conferences and seminars, these activities reflect the spirit that has sustained IEEE for decades: professionals coming together to learn, collaborate, and contribute.

As we begin 2026, IEEE continues to expand opportunities for members to engage in meaningful ways. The IEEE Member and Geographic Activities (MGA) Board plays a central role in supporting the global network of sections, chapters, and student branches. Region 10 hosts some of the most active student communities in IEEE, and their initiatives—from hackathons and technical competitions to industry interactions—play an important role in shaping the professional journey of young engineers.

At the same time, IEEE provides opportunities for volunteers to contribute beyond their local units through participation in global committees, working groups, and strategic initiatives. Engagement at this level helps ensure that the perspectives and experiences from our region contribute to shaping the future direction of IEEE programs worldwide.

Another important dimension of IEEE's work is the growing emphasis on technology for societal benefit. Programs such as EPICS in IEEE, SIGHT, and Tech4Good provide platforms for members to apply engineering expertise to address real community challenges. These initiatives support projects in areas such as healthcare technologies, environmental monitoring, disaster resilience, and sustainable development. Region 10 has been particularly active in humanitarian technology initiatives. The latest examples are the exemplary works our volunteers did in the disaster fronts in Philippines and Sri Lanka last year.

Across the technical landscape, IEEE is also focusing on areas that are shaping the future of engineering and innovation. Rapid advances in artificial intelligence, digital transformation, and sustainable technologies are redefining industries and societies. Through the work of IEEE societies and the Technical Activities Board (TAB), members have opportunities to collaborate on research, standards development, and knowledge exchange in these evolving domains.

IEEE conferences remain an essential platform for this exchange of ideas. In our region, flagship events such as TENCON, TENSYP and R10 HTC bring together researchers, industry practitioners, and students to present new work, discuss emerging technologies, and build collaborative networks. Increasingly, these conferences are also incorporating industry sessions, innovation showcases, and interdisciplinary discussions that connect research outcomes with real-world impact.

Education and lifelong learning remain equally important priorities for IEEE. Through initiatives led by the Educational Activities Board (EAB), IEEE continues to expand resources that support professional development and continuing education. These programs help members stay current with emerging technologies while strengthening the technical and leadership skills needed in today's rapidly evolving professional landscape.

Within Region 10, the activities of Young Professionals and Women in Engineering affinity groups continue to enrich the IEEE experience by fostering mentorship, collaboration, and professional networking. Their initiatives create valuable spaces where early-career engineers and experienced professionals can exchange perspectives and ideas.

Looking ahead, 2026 offers many opportunities for IEEE members in Region 10 to deepen their engagement, initiate new activities, and strengthen collaboration across disciplines and geographies. The continued growth of our region reflects the efforts of countless volunteers who believe in the value of professional community and in the potential of technology to improve lives. I encourage our Sections to collaborate with the Region-10 committees to develop impactful programs that serve both our members and the broader communities we support.



Dr. Sameer S. M.

IEEE Region 10 Director-Elect, 2025-2026

IEEE R10 SAC ENHANCE ACTIVITIES FOR MEMBERSHIP DEVELOPMENT

Nutteera Tungkasikij, Regional Student Representative, IEEE R10 Student Activities Committee

Continued from Page 1.

By Prof. Akinori Nishihara and “STEAM Play for Early Childhood Education and Care” by Prof. Vilas Wuwongse, highlighting the relevance of technology and research from past to present, as well as the promotion of learning and education in Thailand.

The event aimed to attract both IEEE members and non-members from various universities, as well as initiate outreach to schools. According to participant data, **64.3% of attendees were IEEE members**, while **35.7% were non-members**, including participants from local schools across Thailand.

This event effectively promoted **membership development** by helping participants stay connected and build relationships within IEEE R10 and IEEE SAC R10. The primary goal of the team is to **inspire students to become the next generation of innovators and leaders** who will continue to move forward with IEEE.

Stay tuned for our next event – “**IEEE R10 SAC Webinar 2025: Hong Kong Edition**”!

Follow us on **Facebook – IEEE Region 10 Student Activities Committee** for updates and more exciting activities!

IEEE R10 PROFESSIONAL ACTIVITIES COMMITTEE

Agness Irwanti, Chair, IEEE R10 Professional Activities Committee

I warmly invite all IEEE R10 members, especially mid to senior, to join our PAC programs, advance your expertise through Professional Activities Certification, and play an active role in strengthening professional engagement.

-Dr Agnes Irwanti- Chair

Dr. Hla Nu Phyu (Singapore), Neha Ingole (Nagpur Subsection), Pooja Sharma (Madras), Porkumaran (Madras), Dr. Ramani Kannan (Malaysia), Reshma Kunjumon (Victoria), Prof. Seongjae Cho (Seoul), and Prof. Zuhaina Zakaria (Malaysia).

The Professional Activities Committee (PAC) is a diverse group of experienced and enthusiastic volunteers from across R10. The team is guided by esteemed advisors, including Dr. Daniel Eghbal and Dr. Nirmal Nair, with Dr. Agnes Irwanti serving as the Committee Chair.

The PAC is further strengthened by the dedicated contributions of its committee members: Dr. Allya P. Koesoema (Indonesia), Aryo De Wibowo (Indonesia), Dr. Bernard Lim (Malaysia), Dr. Chie Sato (Tokyo), Christian P. Enoval (Philippines), Gaurav Pathak (Bangalore), Hidenobu Harasaki (Tokyo), Himani Saini (Bangalore),

The 2026 IEEE Region 10 Professional Activities Committee (PAC) invites IEEE members to join a dynamic movement dedicated to strengthening professional engagement, expanding leadership opportunities, and enhancing community impact across one of IEEE's most vibrant regions. Guided by three strategic priorities: Strategic Engagement, Targeted Support, and Amplified Exposure, PAC 2026 aims to deliver meaningful and measurable value to members.

Members can participate through four key initiatives: (1) Expanding professional forums to reach new and diverse audiences; (2) Professional Certification Grants through IEEE online courses;

(3) Professional Activities Special Sessions at Region 10 flagship conferences; and (4) developing collaborative content shared via R10 NL, websites, and social media platforms.

PAC fosters strong collaboration among industry, academia, government, and local communities to create pathways for innovation, mentorship, and shared professional growth. Special emphasis is placed on empowering mid to senior level professionals through targeted capacity building and knowledge sharing programs.

IEEE R10 SECTION AND CHAPTER SYMPOSIUM 2025 – SOUTH ASIA PACIFIC EDITION

Jennifer DelaCruz, Chair, IEEE R10 Section and Chapter Committee

The IEEE R10 Section and Chapter Symposium (SCS 2025) for the South Asia Pacific region was held on 29 October 2025 at the Sabah International Convention Centre in Kota Kinabalu, Malaysia, in conjunction with IEEE TENCON 2025. The event brought together 35 IEEE volunteers, including Section leaders, Chapter Chairs, and Young Professionals from across the Asia Pacific region.

The symposium served as a leadership development platform aimed at strengthening chapter operations, enhancing membership engagement, and preparing volunteers for the upcoming transition from IEEE Region 10 to Region 11. The program combined leadership training, governance discussions, best-practice sharing, and opportunities for cross-regional collaboration.

program. This was followed by a Team Building Activity, designed to foster collaboration, communication, and trust among volunteers from diverse regions.



The day commenced with Registration and Refreshments, allowing participants to connect informally before the

The formal program began with Opening Remarks and an overview of the New Region 11 by Prof. Takako Hashimoto, IEEE R10 Director, who outlined the strategic vision, governance changes, and future opportunities arising from the regional transition.

Prof. Supavadee Aramvith then delivered a session on Membership Development Best Practices, sharing proven strategies to attract, engage, and retain IEEE members at the section and chapter levels.

Prof. Jennifer Dela Cruz presented on the Role of the R10 Section and Chapter Committee (SCC), clarifying its responsibilities in supporting sections and chapters, enabling leadership development, and driving regional initiatives. This was followed by Dr. Bernard Lim's session on the Role of the South Asia Council, highlighting coordination mechanisms, regional representation, and collaborative opportunities within South Asia.

A Section Best Practice Sharing segment featured award-winning sections, who shared successful initiatives, operational models, and lessons learned that can be replicated across other regions. Participants then engaged in a Networking Lunch, providing valuable time for peer-to-peer discussions and relationship building.

The afternoon sessions began with Intensifying the New R11 by Deepak Mathur, focusing on strengthening engagement, leadership continuity, and strategic alignment under the new regional structure. Prof. Lance Fung followed with a session on Ethical Behaviours for IEEE Volunteers, emphasizing integrity, accountability, and ethical decision-making in volunteer leadership roles.

A Panel Discussion on Leadership Perspectives, featuring past and future IEEE R10 Directors, provided insights into leadership journeys, challenges, and practical advice for current and aspiring IEEE leaders. The symposium concluded with Closing Remarks and a Group Photo, followed by refreshments and informal networking.

Participants represented Malaysia, India, Sri Lanka, Pakistan, Indonesia, Bangladesh, Australia, the Philippines, and neighbouring regions. The strong participation of Young Professionals highlighted their growing interest in contributing to IEEE leadership and governance.



Key outcomes of SCS 2025 included a clearer understanding of the Region 11 governance structure, shared strategies for chapter revitalization, strengthened commitments to cross-border collaboration, and positive feedback supporting more frequent in-person leadership development programs.

IEEE R10 extends its sincere appreciation to all speakers, volunteers, and partners who contributed to the successful delivery of the IEEE R10 Section and Chapter Symposium 2025.

IGNITING EDUCATIONAL INNOVATION: JOIN THE 2026 IEEE R10 EDUCATIONAL ACTIVITIES

Chi-Un (Leon) Lei, Chair, IEEE R10 Educational Activities Committee

The IEEE R10 Educational Activities Committee (EAC) is excited to empower our members and OUs across the Region. We invite you to join us in advancing technology for humanity through education.

This year, we continue to provide substantial support for local initiatives through the EA Project Development Grants. We aim to fund projects through a funding matching mechanism, enabling more educational activities at the local level. The grants are available in two vital tracks: a General Track and a Theme-based Track focusing on critical areas like Climate Change (SDG 13), Female University Students (SDG 5), North Asia Sections, and Lifelong Learning for members. Find full grant details and apply on our website: <https://ea.ieeer10.org/>.

Beyond financial support, the EAC is hosting exciting professional development events. This includes virtual sessions on EAB/R10 EAC resources and supports, as well as physical training on emerging topics such as AI and Digital Safety and Quantum Computational Intelligence in

collaboration with other Regions and Societies. Access resources and register for our upcoming virtual training sessions here: <https://ea.ieeer10.org/2026-eac-training/>.

For information on support available from other IEEE OUs, visit: <https://ea.ieeer10.org/support-from-other-ieee-ous/>

Your involvement is essential. Whether you're organizing a local educational activity, seeking to recognize an outstanding peer through the R10 EA Awards, or simply looking to connect with a passionate community, the R10 EAC provides the platform and resources you need.

IEEE R10 TENCON 2025 SUCCESSFULLY HELD IN KOTA KINABALU

Bernard Lim, Chair, IEEE Malaysia Section

The **IEEE Region 10 Conference 2025 (TENCON 2025)** was successfully conducted from **27 to 30 October 2025** at the **Sabah International Convention Centre (SICC)** in **Kota Kinabalu, Sabah**. Organised by the **IEEE Malaysia Section** with the support of the **IEEE Sabah Subsection**, this prestigious event brought together members of the global IEEE community for four days of technical exchange, collaboration, and professional networking.



As the flagship conference of IEEE Region 10 (Asia-Pacific), TENCON 2025 attracted researchers, industry professionals, academics, students, and policymakers from across the region and beyond. The conference theme, “Unleashing Innovation: Elevating Technologies to New Horizons,” reflected the focus on emerging technologies and innovative solutions addressing current and future engineering challenges.

The technical programme featured a wide range of peer-reviewed paper presentations across key engineering disciplines, including electrical and electronic engineering, communications, computing, artificial intelligence, power and energy systems, robotics, control systems, and sustainable technologies. Participants engaged in vibrant technical discussions, knowledge sharing, and collaboration opportunities throughout the conference.



One of the highlights of TENCON 2025 was the presence of renowned keynote and invited speakers, who shared valuable insights into technological trends, research directions, and industry perspectives. Complementing the main technical sessions were 13 co-located programmes,

covering leadership development, artificial intelligence ethics, humanitarian technology, industry engagement, and entrepreneurship. These sessions enhanced the overall conference experience by promoting interdisciplinary learning and practical perspectives.



The Industry and STEM Innovation Exhibition added further value to the event, providing a platform for companies, startups, universities, and research institutions to showcase innovative technologies, products, and research outcomes. The exhibition encouraged collaboration between academia and industry while inspiring students and young professionals.



Special emphasis was placed on student and young professional engagement, with dedicated networking sessions, career-focused activities, and mentorship opportunities. Social programmes such as the IEEE Gala Dinner, cultural performances, and informal networking events allowed participants to build meaningful connections while experiencing Sabah’s unique culture and hospitality.

All accepted and presented papers from TENCON 2025 will be published in the IEEE Xplore Digital Library, ensuring global visibility for the research contributions. Overall, IEEE R10 TENCON 2025 was a highly successful event that strengthened regional collaboration, showcased technological excellence, and reinforced IEEE’s mission of advancing technology for the benefit of humanity.

2025 IEEE R10 INNOVATION CHALLENGE

Kenneth Teo, Chair, IEEE Sabah Subsection

With hundreds of delegates from across the Asia-Pacific region and beyond, the conference served as a beacon of innovation, collaboration, and technological progress—truly reflecting IEEE's mission of advancing technology for humanity.



In addition to the final round of the IEEE R10 Innovation Challenge, several other IEEE-driven innovation activities were conducted, including the IEEE Borneo Innovation Showcase, IEEE Roboneo Showcase, IEEE Tracer Hero Competition, IEEE Micro Robotics Competition, and the U-Science Showcase. These impactful innovation events welcomed a total of 300 participants, special guests, and committee members, contributing significantly to their overall success. The events also attracted more than 500 local and international visitors, including TENCON delegates, primary and secondary school students, as well as polytechnic and university students. Collectively, the IEEE R10 Innovation Challenge and its associated programs created a vibrant ecosystem for innovation, education, and community engagement—strengthening Sabah's role as a regional hub for emerging technologies and STEM talent development.

IEEE R10 Innovation Challenge

The final round of the IEEE R10 Innovation Challenge was held at the Sabah International Convention Centre (SICC), Kota Kinabalu, Malaysia, on 27–28 October 2025, in conjunction with IEEE R10 TENCON 2025. A total of 12 teams, comprising 30 participants from Bangladesh, China, India, and Malaysia, competed in the challenge under the coordination of Dr. Akila Wijethunga, Ms. Emi Yano, Dr. Aroland Kiring, and Dr. Lim Kit Guan. The event attracted more than 500 local and international visitors, including TENCON delegates and students from primary, secondary, polytechnic, and university levels.

The opening ceremony was officiated by the Guest of Honour, Dr. Sharmila Mohamed Salleh, CEO of the Malaysia Innovation Foundation from the Ministry of Science, Technology and Innovation, Malaysia. She was joined by the TENCON Guest of Honour, Prof. Ir. Dr. Rosalam Sarbatly,

Deputy Vice-Chancellor (Research & Innovation) of Universiti Malaysia Sabah (UMS); Ir. Dr. Bernard Lim, Chair of the IEEE Malaysia Section; Ir. Ts. Dr. Nordin Ramli, General Chair of TENCON 2025; and Dr. Kenneth Teo, Chair of the IEEE Malaysia Sabah Subsection. The dignitaries visited each finalist's booth to learn more about their innovation projects. The session continued with an innovation talk by Dr. Sharmila on commercialisation readiness levels, followed by a wrap-up session to summarise the key outcomes of the challenge.



Four professional judges representing IEEE, academia, industry, and the community—Prof. Dr. Norliza Mohd Noor (IEEE Kuala Lumpur Subsection's chair), Associate Prof. Dr. Azali Saudi (UMS Research Management Centre's ex-director), Dr. Yoong Hou Pin (Uncle Bob's project manager), and Mr. Julkifli bin Awang Besar (Beaufort Community College's director)—evaluated the student projects. During the pitching session, participants presented their objectives and demonstrated the real-world applications of their solutions. They highlighted design innovation, simplicity, and cost-effectiveness, and responded to questions from the judges. The second evaluation phase involved live demonstrations of fully functional systems at the exhibition booths.



The event concluded on the second evening with the Gala Dinner and Award Ceremony. The winners of the 1st, 2nd, and 3rd prizes were announced and presented with their awards. A group photo with all participants marked the successful conclusion of the IEEE R10 Innovation Challenge.

IEEE Borneo Innovation Showcase

In conjunction with the IEEE R10 Innovation Challenge, Politeknik Kota Kinabalu was invited to showcase student projects from 27–30 October. A total of 46 projects involving 56 students were coordinated by Ts. Dr. Farah Asyikin binti Abd Rahman from the Electrical Engineering Department. Throughout the four-day event, students from the Electrical and Mechanical Engineering Departments presented and demonstrated their innovations at booths located opposite the IEEE R10 Innovation Challenge exhibition area. This setup created an excellent platform for interaction, allowing both international and local participants to exchange ideas, learn from one another, and expose local Sabah innovation products to a wider global audience.



The showcase also strengthened the link between education and industry by exposing students to real-world expectations and improving their career readiness. Through hands-on project demonstrations, students gained practical skills, industry-relevant insights, and valuable experience in presenting solutions that address real operational challenges.



Politeknik Kota Kinabalu continues to show strong commitment to producing future-ready graduates by integrating Industry 4.0 elements into its curriculum. The projects on display reflected not only technical competence, but also creativity, problem-solving ability, and awareness of sustainability and community needs. These hands-on experiences prepared the students to become confident contributors and innovators in the future.

IEEE Roboneo Showcase

Beaufort Community College was invited to take part in the IEEE Region 10 Innovation Challenge held at the Sabah International Convention Centre (SICC), Kota Kinabalu, from 27–29 October. The delegation was led by Ts. Julkifli Awang Besar, Director of Beaufort Community College, together with Ts. Mazuwan Mustaffa, Head of the Entrepreneurship Unit, and En. Shalizan Kadir, Head of the Quality Unit. The programme brought together researchers, innovators, and academics from across the Asia-Pacific region to share research findings and exchange ideas in innovation, technology, and engineering. Beaufort Community College's participation in the exhibition reflects its strong commitment to strengthening research and innovation, in line with its goal of advancing Technical and Vocational Education and Training (TVET) towards global standards.



Tracer Hero Competition

The Tracer Hero Competition was held on 28 October at the Sabah International Convention Centre (SICC), Kota Kinabalu, Malaysia. The event invited students from the Program Pendidikan Khas Integrasi (PPKI), a special education programme within mainstream schools for students with learning challenges. Led by Ts. Nuratika Asyurah binti Abdullah and her team, the competition involved 20 participants from four secondary schools. PPKI students attend specialised classes tailored to their learning needs while remaining in the same school environment as their peers. The programme follows a customised curriculum that supports their academic, social, and personal development. It mainly serves students who are physically typical but face learning difficulties or slower cognitive development and is taught by trained special education teachers in regular schools and vocational institutions.



During the competition, participants learned basic programming for a line-following robot and tested their robots on a dedicated track. The activities required strong focus, patience, and guidance, as many of the students needed encouragement throughout the process. After completing the programming tasks, the students raced their robot cars to complete the challenge in the shortest possible time. Dr. Kenneth Teo, Chair of the IEEE Malaysia Sabah Subsection, together with Ts. Julkifli Awang Besar, Director of Beaufort Community College presented awards to the winners. The competition provided meaningful community engagement for students with special needs and gave them valuable hands-on experience in a supportive environment. Events like this help build confidence, improve social interaction, and support their overall personal development and well-being.



Micro Robotics Competition

The two-day Micro Robotics Competition was held at the Sabah International Convention Centre (SICC), Kota Kinabalu, on 29–30 October. Organised by Dr. Sitti Junaida binti Ambo and Dr. Ghazali bin Ismail, the event brought together 93 participants and 43 delegates from 43 schools across Sabah.

The competition featured line-following robots that navigated black-and-white tracks with intersections guided by Path Finder blocks. It provided an exciting and hands-on way for students to explore robotics, programming, and STEM concepts, especially benefiting those who learn better through visual and practical activities.



Participants worked directly with robotic components, sensors, and microcontrollers, gaining practical experience in automation, electronics, and control systems. They also developed problem-solving and critical thinking skills by testing designs, identifying faults, and troubleshooting their robots.

Using block-based programming, students learned basic coding concepts such as sequencing, logic, and simple algorithms. The competition encouraged creativity as teams modified and improved their robot designs to achieve better performance.

As the activities were team-based, students also built important soft skills such as teamwork, communication, and idea-sharing. Overall, the Micro Robotics Competition offered a well-rounded learning experience that supported both technical skills and personal development among young learners.

U-Science Showcase

U-Science from Universiti Malaysia Sabah (UMS), together with the UMS Robotics Club from Faculty of Engineering, the Faculty of Tropical Forestry (FPT), and the Academy of Arts & Creative Technology (ASTiF), took part in an exhibition held alongside the IEEE Region 10 Conference (TENCON 2025). The exhibition ran from 27–28 October 2025 at the Sabah International Convention Centre (SICC) and attracted more than 500 visitors, including conference delegates, primary and secondary school students, and UMS students.



The participating teams showcased a wide range of Science, Technology, Engineering, and Mathematics (STEM) innovations. Highlights included an interactive STEM exhibition, a robotics showcase, presentations of the PER-SENSE project outcomes, and clay-based batik pattern displays. These exhibits drew strong interest from both local and international visitors. A special sharing session by the CEO of Yayasan Inovasi Malaysia (YIM), Dr. Sharmila Mohamed Salleh, further enriched the programme by highlighting the role of grassroots innovation and community empowerment through science and technology. Participation in the IEEE R10 Innovation Challenge strengthened collaboration between UMS and the IEEE professional community while reinforcing U-Science's commitment to promoting STEM education and nurturing a strong culture of innovation at both local and international levels.

IEEE R10 HUMANITARIAN TECHNOLOGY ACTIVITIES

Saurabh J. Soni, Chair, IEEE R10 Humanitarian Technology Activities Committee



Advancing humanitarian technology across Region 10 through collaboration, empowerment, and sustainable impact. Together, we will strengthen volunteer engagement, promote innovation, and enable technology-driven solutions for communities in need.

Saurabh J. Soni

The IEEE R10 Humanitarian Technology Activities (HTA) Committee is committed to fostering technology-driven solutions that create sustainable social impact across Asia-Pacific. Under the leadership of Chair Saurabh Jagadish Soni, the committee focuses on empowering volunteers, strengthening section engagement, and enhancing the visibility of humanitarian initiatives within IEEE.

The 2026 committee structure includes experienced advisors, vice chairs, and subcommittee members representing diverse countries across Region 10. This collaborative structure ensures balanced regional representation and coordinated execution of initiatives aligned with IEEE HTA and HAC objectives.

The committee's major objectives are to encourage IEEE members, students, Young Professionals, and WIE members to actively participate in humanitarian technology initiatives; increase awareness of HTA programs; and support sections in building sustainable, community-driven projects.

The 2026 plan is built around five strategic pillars:

- 1. Engage and Empower Initiative** – Volunteer engagement, monthly sessions, mentorship, and SIGHT promotion.
- 2. HTA Spotlight Initiative** – Integration of HTA tracks at flagship conferences (HTC, TENSYP, TENCON) and the R10 HTA Impact Congress.
- 3. Funding Initiative** – Resource and travel support to nurture emerging humanitarian leaders and local projects.
- 4. HTA Awards Program** – Recognition of outstanding sections and volunteers.
- 5. Disaster Relief Support Fund** – Rapid, technology-enabled response mechanisms in collaboration with sections and NGOs.

Through structured programs, measurable outcomes, and strong regional collaboration, the R10 HTA Committee aims to expand impact, strengthen volunteer capacity, and promote humanitarian innovation across Region 10. Kindly follow us on IEEE R10 HTA social media platforms to stay updated on the above projects and upcoming initiatives.

For further information or collaboration, please reach out to us at:

Email: saurabh721@ieee.org

IEEE R10 HTA COMMITTEE 2026

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READY TO (AD)VENTURE AND RISE WITH REGION 10 WIEC?

Warunika M. Hippola (South Asia and Pacific) and Pauline N. Kawamoto (North Asia), Region 10 Women in Engineering Committee (R10 WIEC)

If you are a WIE supporter looking for a place to learn, connect, and engage, the IEEE Region 10 WIE “One-Cup-of-Coffee” online chat is the place to be.

This initiative was launched in 2025 to create a relaxed and welcoming space for the Region 10 WIE community to connect, while continuously fostering engagement and learning. It is not limited to WIE leaders—any WIE member or potential WIE member is warmly invited to join. Moreover, just like WIE membership itself, the platform is open to both men and women. If you are reading this, you may already know that WIE membership is open to men and is FREE for IEEE Student Members (including Graduate Student Members) and Life Members.



Region 10 WIE Committee (R10 WIEC) initiatives are organized around three main objectives: Connect, Support, and Inspire. These initiatives are thoughtfully designed to support our members while aligning with WIE’s core mission—promoting women engineers and scientists and inspiring girls worldwide to pursue academic and professional careers in engineering and science.



We strongly believe that building meaningful connections among peers is essential for empowering one another. To this end, we organize special sessions and coffee meetups at our flagship conferences, creating valuable opportunities to meet, network, and share experiences within the WIE community. As engineering and technology careers today rarely follow a single, straightforward path, we also strive to showcase the diverse achievements of WIE members—highlighting varied career journeys, including ventures into entrepreneurship.



If you believe there are important areas that WIE should focus on, we invite you to join the conversation and share your thoughts.

Let us come together to strengthen our community and empower one another in our journeys as engineers!

Call for Articles!!

Submit your articles for the next issue!



Deadline: June 15

Inquiries;

 r10-ecnr@ieee.org



Submit here!!

Connect!

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IEEE R10 LIFE MEMBER COMMITTEE

Toshitaka Tsuda, Chair, IEEE R10 Life Members Committee



This year LMC intend to support LMAGs to enhance LM activities by increasing the LM coverage with new LMAG formation and expanding collaboration with SAC, YP, WIE and other committees.

The basic work plan of R10 Life Members Committee (LMC) is set with the Committee Structure as follows.

Chair: Toshitaka Tsuda

Members: Bernard Lim ,Hideki Hayashi, Harbans Lal Bajaj,Dae-Gwon Jeong, Sau-Gee Chen, Leigh Powis,

Advisors: S.S.Jamuar, Naohisa Ohta, Keith Kikkert

Following 4 directions are set as objectives.

1. Form new Life Members Affinity Groups (LMAG) and vitalize R10 LMAGs for more Life Members (LM) engagement
2. Organize periodic LMC / LMAG Meets for wider Communication and involvement of LMs
3. Organize LMC and R10 LM Competition / Awards for more LMs' involvement
4. Organize LM tracks jointly with R10 Flagship Conferences

Based on these objectives, LMC decided five projects as 2026 work plan.

Project 1: Form 2 new LMAGs and vitalize/revitalize LMAGs: Forming two LMAGs is set as a target. It is intended to support LMAGs that need vitalization.

Project 2: Organize LMC and LMAG Meets for LMAGs and assist financially for selected Projects: Four on-line meetings each for LMC and LMAG, will be conducted. R10 LMC budget is allotted to each project.

Project 3: Select MGA LMC Award winners, R10 LM outstanding Volunteer Awardee, and conduct R10 LM photography collection contest.

Project 4: Organize LM track jointly with R10 flagship Conferences HTC, TENSYP and TENCON: LM event planning with TENSYP already started. Discussions started about the possibility of having an event with TENCON and HTC.

Project 5: Broaden collaboration with SYW + Industry: Enhancement of local SYWL meet, Group Mentoring activities, and invited talk of R10 Committee Chairs in LMAG Meet are examples.

IEEE DELHI SECTION LMAG ONE NIGHT AND TWO DAYS TECHNICAL AND SOCIAL TRIP TO BAGHAAN ORCHARD RETREAT, VILLAGE KACHROT, GARHMUKTESWAR

S S Jamuar, Secretary IEEE Delhi Section LMAG

IEEE Delhi Section LMAG organised a technical and social workshop for Delhi Life Members and their spouse at Baghaan Orchard Retreat situated at Village Kachrot in Garh Mukteswar district (UP). IEEE Delhi Section Members and their family were also invited to the workshop. Special guests in this workshop were LMC Member from Region 3 Sri Jacob Kulangara, MGA Board Member 2025 Sri Deepak Mathur and IEEE India Council Chair and Chair elect Mrs. Prerana Gaur and Ms Preeti Bajaj respectively.



We had also invited technical experts for talking on Review of Indian Power Sector, Security threat in computers, GPS and AI in Today's world. This workshop was sponsored by IEEE MGA. The work shop was attended by 32 people, which included 14 Life Members and their spouse, 14 IEEE Delhi Section Members with their families and 4 IEEE Members from other IEEE Sections in India. It was a social cum technical visit arranged by Delhi LMAG.

R10 LIFE MEMBER COMMITTEE ACTIVITIES

Toshitaka Tsuda, Chair, IEEE R10 Life Members Committee

Based on five projects of 2025, R10 LMC conducted activities as follows.

Project 1: Form 2 new LMAGs and revitalize LMAGs in R10

Islamabad LMAG was formed and the inaugural event was successfully done. Even not formed this year, movement of possible LMAG formation activities were started in sections such as Indonesia, Hiroshima, and Utta Pradish, and it is expected the formation next year.



Project 2: Organize LMC and LMAG Meets for LMAGs and assist financially for selected projects.

Four meetings each of LMC and LMAG were held and exchange of information was done. As for the financial support, Kerala LMAG used allotted fund from 2025 budget.

Project 3: Select MGA-LMC Award winners, R10 LM Outstanding Volunteer Awardee, and conduct R10 LM photography collection contest.

On MGA LMC Award, R10 LMC selected Delhi Section as Regional LMAG Achievement Award winner and Prof. Imai as Individual Service Award winner. Prof. Imai is also selected as Global Award winner, which is the consecutive Global Award winning following the Delhi LMAG's Achievement Award last year. These shows worldwide high reception of R10 LM activities. As for the R10 LM Outstanding Volunteer Award, Prof. Jamuar is selected as a winner, and Prof. Kikkert is selected as R10 LM Photography Collection Contest winner.

Project 4: Organize LM track in R10 flagship Conferences TENSYP, HTC and TENCON.

LMAG track jointly with TENCON was successfully conducted on 27 September 2025 in Kota Kinabalu, Malaysia, by the lead of Malaysia LMAG, and LMAG track was conducted on 30 September 2025 in Chiba, Japan as a special track in HTC by the lead of Tokyo LMAG.

Project 5: Broaden collaboration with SYW + Industry

This is the area R10 LMC is trying to enhance the activities. This year LMC had invited talks of Prof. Kawamoto, R10 WIE Chair, in HTC 2025 and Dr. Lim, R10 IRC Chair, in the fourth R10 LMAG Meet. SYWL activities are another area of activity enhancement. Singapore LMAG participated in conducting Inaugural Singapore SYWL event, and R10 LMC offer the partial financial support. India LMAG and Kansai LMAG SYWL events were held and each LMAG contributed to conduct the event. MGA LMC is trying to enhance the GMI(Group Mentoring Initiative) and R10 LMC think the SYWL event is a good opportunity to do GMI activity. Along this line, Japan Council GMI is conducted with Kansai SYWL event.

HALF A DAY WORKSHOP ON FINANCIAL HEALTH, INNER ENGINEERING, AND PERSONAL HEALTH INSURANCE

Dr H L Bajaj Chair Delhi LMAG welcomed the guest to half a day work shop sponsored by R10 LMC. He gave a brief introduction about Delhi LMAG. Ms Preeti Bajaj, Chair-Elect 2027, talked about the growth of IEEE in India and her experiences in mentoring the younger generation in their career growth. She stressed the need of Insurance for everyone especially for retired persons having limited financial income. She stressed on the need for financial insurance and health insurance supported by yoga and meditation.



Prof. Pankaj Vajpayee, from IIIT Delhi gave the first talk on "Financial Planning For Elderly - Secure, Dignified and Independent Living", a topic which is desirable for all the senior citizens. Prof. Pankaj dealt with a very important topic on financial concern, parents and family welfare in his talk. He stressed that there six pillars of elderly financial planning namely Income planning, expense management, health and insurance, investment strategies, estate and succession and tax and risk management. He talked about details of income planning, which include pension, provident fund, rental income and dividend interest, reverse mortgage option. He suggested to maintain a 3-4% sustainable withdrawal rate.

The talk on Yoga, Meditation and Inner Engineering was enumerated by Prof. Anuj Grover. Prof. Anuj gave a very informative talk on Yoga, meditation and Inner engineering. This lecture was interactive and participants had to carry out simple Neck exercises. He gave Video presentation on these neck exercises and asked participants to do the same. The YouTube videos can be accessed from following web link:

- <https://youtu.be/tA6-1-sAwAgp>
- https://youtu.be/a0jJi6OI_4o
- <https://youtu.be/HCrls7zpllc>



Ms Archana Kalra, who is Director Healthcare and Software division in United Insurance USA gave a talk titled "Importance of Health Insurance Coverage in India for Retirees". Ms Archana's talk was focused on ensuring healthcare access and financial security after retirement. She talked about Importance of Health Insurance Coverage in India for Retirees. She started everyone to imagine a scenario, where you have worked hard all your life, saved for retirement, and now you are looking forward to spending time with family, traveling, or simply enjoying your golden years. But what happens if a sudden illness or accident strikes? Are you prepared for the financial impact? So health insurance is not just a safety net, but a necessity for retirees in India. She gave real life example in her talk.

The workshop ended with social get-together of Delhi life members and their family with students at IIIT Delhi. LMAG Delhi Life Members along with their spouse met the students from IIIT Delhi over lunch. Students interacted with the families of Life Members.

IEEE R10 YOUNG PROFESSIONALS COMMITTEE

Mayumi Suzuki, Chair, IEEE R10 Young Professionals Committee



Together in Region 10, we commit to brightening the careers of our Young Professionals, recognizing dedication, fostering mutual respect, and empowering our members to lead with confidence and impact globally.

- Mayumi Suzuki

Building a Professional Home for Innovators

In 2026, the R10 Young Professionals (R10 YP) Committee was formed with 24 members from 17 Sections, selected to ensure broad regional representation. Starting in 2028, we will be divided into two regions. Even after the split, we aim to continue smooth activities in each region, foster mutual exchange, and ensure a bright future together. We look forward to working with all of you, alongside the R10 YPC, to prepare for this exciting transition.

Our mission this year is built upon four core objectives: advancing leadership skills, enriching member experiences through AG activities, amplifying global visibility, and expanding professional networks. These programs cover all R10 YP members, even those in Sections without local YP groups.

1. **Ascend Training:** Focused on professional growth through the GEMS internship program, Section YP Chair training, and the "Career Compass" webinar series.
2. **Activity Funding:** Providing financial support for local "UpSkill" initiatives and global travel grants for R10 flagship conferences to gain global technical and networking experience.
3. **Award and Recognition:** Celebrating excellence through Outstanding Volunteer Awards and the "Spotlight" series helps make members' contributions more visible.
4. **Connective Hub:** Building bridges with industry through career fairs, collaborating with R10 SAC, R10 IRC, and IEC, and dedicated sessions at R10 flagship events.

We aim to empower every YP member to step confidently into the next stage of their career.

IEEE R10 Newsletter Committee 2025



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Call For Papers

2026 IEEE Region 10 Conference (TENCON)

October 10 - 13, 2026
 InterContinental Bali Resort
 Jimbaran, Bali, Indonesia



About

IEEE TENCON is the premier flagship conference of IEEE Region 10 (R10), encompassing 63 Sections, 41 Sub-sections, 918 Chapters, and 115 Affinity Groups across the Asia-Pacific region. The theme for TENCON 2026:

“Intelligent Systems for a Resilient and Sustainable Society”

Scope

TENCON 2026 invites authors to submit original, unpublished research papers in the following scopes, including but not limited to:

- Computing & Computational Intelligence
- Communications & Networking Systems
- Electronics, Devices, Circuits & Electromagnetic Systems
- Energy, Power Electronics & Industrial Applications
- Robotics, Automation, Control & Cyber Physical Systems
- Biomedical Engineering, & Bio-Inspired Technologies
- Emerging Technologies for Sustainable Development

Publication

TENCON 2026 will feature both invited and contributed papers. Accepted and presented papers will be submitted for inclusion into IEEEXplore. Prospective authors are invited to submit of **3–5 pages**, prepared in IEEE double-column format on **A4-sized pages**.

Student Poster Competition

Student authors of **accepted papers** will have the opportunity to compete in the **IEEE Region 10 Innovative Student Poster Competition** and **Winners will receive a registration fee waiver and awards**.

Important Dates

April 28, 2026

~~March 17, 2026~~

Full Paper Submission Deadline

June 27, 2026

Notification of Acceptance

July 27, 2026

Final Manuscript Submission

July 27, 2026

Early Bird Registration Deadline

August 31, 2026

Normal Registration Deadline



Paper Submission



<https://edas.info/N34833>

TENCON WEBSITE:

<https://tencon2026.ieee.id>

Organized by:



Indonesia Section



Contact: tencon2026@ieee.id | tencon2026@gmail.com



IEEE R10 HTC 2026

IEEE R10 HUMANITARIAN TECHNOLOGY CONFERENCE

26 - 28 October 2026 | Bangkok, Thailand

"Empowering Humanity Through Emerging Technology & Innovation"

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Sauraph Soni, IEEE R10 HTA

The IEEE Thailand Section is pleased to announce the R10 Humanitarian Technology Conference (R10-HTC) 2026, which will be held in Bangkok, Thailand, from October 26-28, 2026. The conference theme is **"Empowering Humanity Through Emerging Technology & Innovation"**.

This event will provide a platform to showcase IEEE's leadership in leveraging technological advancements for societal betterment and addressing global challenges. We invite researchers, academics, and industry professionals to submit papers that explore the practical applications of technology in solving real-world humanitarian issues.

The conference will feature high-profile keynote speakers from world-class technology companies and offer specialized workshops, panel discussions, and an industrial exhibition. Join us in Bangkok to collaborate and contribute to advancing technology for humanity.

CONFERENCE TRACKS AND SUBMISSION TOPICS

We invite paper submissions across six major tracks that align with our conference theme. These topics are globally relevant and focus on using technology to create social impact.

- **Track 1: Disaster Management and Resilience Technologies**
 - AI for Disaster Response
 - Early Warning Technology for Public Emergency
 - Big Data Analytics for Disaster Risk Assessment
- **Track 2: Healthcare Technologies for Underserved Communities**
 - Telemedicine and mHealth in Underserved Communities
 - AI in Medical Diagnostics
 - Low-cost Wearable Devices for Remote Monitoring
 - Point-of-care technology
- **Track 3: Sustainable Development and Environmental Technologies**
 - Renewable Energy Solutions
 - Smart Agriculture
 - Clean Water Technologies
- **Track 4: Humanitarian Logistics and Supply Chain Technologies**
 - Blockchain for Aid Transparency
 - Robotics in Emergency Logistics
 - Advanced Logistics Systems
- **Track 5: Education and Capacity Building through Technology**
 - Digital Education Platforms
 - Technology for Skill-Building
 - Accessible Learning Tools
- **Track 6: Digital Inclusion and Connectivity for All**
 - Mobile Technologies for Marginalized Groups
 - Secure Digital Platforms

IMPORTANT DATES

Nov 15, 2025	First Call For Paper
Dec 01, 2025	Paper Submission System Open
Apr 25, 2026	Full Paper Submission Deadline
Apr 25, 2026	Tutorial/Workshop/Special Session Proposal Deadline
May 09, 2026	Tutorial/Workshop/Special Session Proposal Acceptance
May 23, 2026	Tutorial/Workshop/Special Session Paper Submission Deadline
Jun 25, 2026	Notification of Paper Acceptance
Jul 20, 2026	Camera Ready Paper Submission
Jul 20, 2026	Early Bird Registration
Oct 25, 2026	Pre-conference workshops, Tutorials and Pre-U activity
Oct 26 - 28, 2026	Conference Date

Authors are invited to submit 3-5 page papers in IEEE double-column format for the IEEE R10 HTC 2026 conference via the EDAS link provided. The conference will include both invited and contributed papers, with awards given for the best contributions. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

More information at <https://up.ac.th/r10-htc2026/>



14TH TENSYP 2026

Shaping the Future: Unleashing Innovation to Elevate Technologies for The Betterment of Humanity

Penang, Malaysia | 29 June - 1 July 2026



The IEEE Region 10 Symposium (TENSYP) is one of the flagship technical conferences organized annually by IEEE Region 10, which encompasses the Asia-Pacific region. Serving as a vital platform for researchers, engineers, academicians, and industry professionals, TENSYP provides a unique opportunity to present and discuss cutting-edge innovations, emerging technologies, and engineering solutions aimed at advancing technology for the benefit of humanity. TENSYP is not only a venue for academic dissemination but also fosters interdisciplinary collaboration, professional networking, and knowledge exchange among stakeholders from academia, industry, and government. Through keynote speeches, technical sessions, workshops, and panel discussions, the symposium contributes to the growth of engineering and technology communities across the region.

TENSYP 2026 welcomes contributions in (but not limited to) the following areas:

- Artificial Intelligence & Digital Information
- Biomedical Engineering, Health Tech & Resilient Communities
- Communication & Signal Processing
- Control, Robotics & Agritech
- Power, Energy, & Sustainable Transport
- Nanotechnology & Materials for the Future

Call for Papers



Deadline extended to 31 March 2026

Full Paper Submission Deadline: 16 March 2026

ORGANIZER:



IEEE Region 10



IEEE Malaysia Section

IEEE Southeast Asia Council

IEEE Penang Joint Chapter

Scan Here!



<https://ieeemy.org/tensymp2026>



tensymp2026@ieeemy.org

IEEE BUSAN SECTION EXPANDS HORIZONS: TU GAME CHALLENGE EVOLVES INTO REGIONAL INNOVATION PLATFORM

Young-Min Kang, Vice Chair, IEEE Busan Section

TU Game Challenge in the Local Community

Tongmyong University’s TU Game Challenge, an intra-university game development competition, has become a well-recognized event in the local community as a platform where university students can present and refine their creative ideas. Previously limited to Tongmyong University students, the program brings in regional industry professionals to mentor participants and help develop their concepts.



IEEE Busan Section Partnership and New IEEE Track

In 2025, however, the IEEE Busan Section entered into an official partnership with the TU Game Challenge. Recognizing the important role that practical fields like game development can play in realizing IEEE’s mission of “advancing technology for humanity,” the IEEE Busan Section committed to transforming the event into an open regional platform, enabling university students from across the area to develop and showcase innovative ideas.



This year, in addition to the existing categories (game systems and graphic design), the TU Game Challenge introduced a new competition track sponsored and titled by IEEE and the IEEE Busan Section. Open to university students throughout the Busan–Ulsan–Gyeongnam region—Korea’s key industrial belt—this new track allowed participants from various institutions to demonstrate their game development skills. The IEEE division’s grand prize was awarded to students majoring in AI Applications at the University of Ulsan.

From Competition to Regional Collaboration

The event went far beyond a simple competition and awards ceremony. With guidance from industry advisors and support from the IEEE Busan Section, selected works were exhibited at G-Star 2025, the international game showcase held annually in Busan. This exhibition received additional support from the RISE program, a Korean government initiative aimed at strengthening regional universities. Through these collaborations, the TU Game Challenge presented a forward-looking model in which an IEEE regional section works together with universities, industry partners, and government-led educational programs—creating synergies and opening new possibilities for educational advancement.



The IEEE Busan Section plans to continue building practical bridges between higher education and industry and to further efforts that return technological achievements to the local community.

FIRST TIARA-IEEE SYW SEMINAR IN TAIWAN

Chris Lee, Chair, IEEE R10 Awards and Recognition Committee

To connect IEEE Tainan Section and Taipei Section with R10 and MGA, the “First TIARA-IEEE SYW Seminar in Taiwan” was established as a landmark event dedicated to the theme “Innovation for Lightweight AI: Technology and Applications”. Held on 16 October 2025, this pioneering seminar was conducted in a hybrid format, utilizing the South Lounge of the Taipei International Convention Center (TICC) for onsite attendees and a live broadcast for global participation. This event aimed to bridge global Students, Young Professionals, and Women in Engineering (SYW) with leading figures in industry, academia, and research worldwide.

Organizational Framework

The seminar was a collaborative effort involving multiple prestigious organizations. It was co-organized by the Taiwan Industry-Academia Research Alliance (TIARA), the IEEE Taipei Section, and the IEEE Tainan Section. The event was guided by Taiwan’s Industrial Development Agency (IDA) under the Ministry of Economic Affairs (MOEA) and the Institute for Information Industry (III).



Strategic Significance and Highlights

This seminar marked the first-ever TIARA-IEEE SYW event in Taiwan, specifically designed to foster cross-sector exchange and international talent connection. Key highlights of the event included:

- **Global Alignment:** The seminar was proudly connected to IEEE Day, an annual global celebration of engineers gathering to share technical ideas and leverage technology for a better future.
- **Strategic Co-location:** The event was strategically co-located with the Taiwan InnoTech EXPO 2025 (TIE), a premier exhibition featuring over 430 companies and 1,000 innovative technologies, and Taiwanese government, such as National Science and Technology Council, Ministry of Economic Affairs, Ministry of Digital Affairs, Ministry of Education, Ministry of Health and

Welfare, Academia Sinica (AS), etc., thereby expanding resources and international perspectives for attendees.

- **Hybrid Reach:** The event received highly positive feedback with a total of 154 attendees.

Program Agenda and Sessions

The agenda was structured around three core Tainan Section, Taipei Section, Region 10, and MGA demographics from: Young Professionals (YP), Women in Engineering (WIE), and Students.

- **Opening Remarks:** The event commenced with remarks from distinct leaders, including Dr. Justin Chueh (Director/AVP, TIARA/Etron Tech), Prof. Takako Hashimoto (Director, IEEE Region 10), and Prof. Chris Gwo-Giun Lee (IEEE Region 10 ARC Chair).
- **The YP Session:** Moderated by Prof. Kun-Chih Chen (Secretary, IEEE Taipei Section), this session featured talks by Dr. Saaveethya Sivakumar from Curtin University Malaysia (IEEE MGA YP Chair) and Prof. Chao-Tsung Huang from National Tsing-Hua University.
- **The WIE Session:** Focused on Women in Engineering, this session was moderated by Prof. Chuen-Yau Chen (IEEE Tainan Section VP of Technical Activities, Dean of College of Engineering at National Kaohsiung University). Speakers included Dr. Aishwarya Bandla (Paxman Coolers Ltd., Post-Doc Researcher at NUS, Singapore, IEEE Region 10 YP Chair) and Prof. Wei-Chen Tu (National Cheng Kung University).
- **The Student Session:** The final technical session featured Chamika Sudusinghe, a Ph.D. student from UIUC (IEEE MGA YP Vice-Chair), and Dr. Jian-Wei Su, a Staff Engineer at ITRI, moderated by Dr. Justin Chueh.

Conclusion

By connecting international tech talents and expanding global visibility in semiconductors, IC design, and AI, the seminar successfully created a platform to co-create a smart and sustainable future. It served as a vital talent platform, strengthening partnerships between local and international experts.

Acknowledgments

We like to express our most sincere gratitude to Prof. Shih-Chieh Chang, Director General of TIARA; Prof. Takako Hashimoto, IEEE Region Director; Prof. Li-Chun Wang, IEEE Taipei Section Chair; Pei-Yin Chen, IEEE Tainan Section Chair for your support and advises! We would also like to thank our General Co-Chairs, Prof. Pei-Wen Li, Prof. Men Hsueh

Chiang, and Prof. Chuen Yau Chen; our Program Co-Chairs, Prof. Yu-Te Liao and Prof. Kun-Chih Chen; and our WIE Chair Prof. Wei-Chen Tu. We would specifically like to thank Dr. Jeng-Long Chiang, our Executive Chair (CEO of TIARA), Secretariat Ms. Grace Wang (CEO, HiConnect International), Secretariat Summer Lee (TIARA), Secretariat Renie Hung (Assistant Manager of Global Partnership and Outreach, Middlesex University, Dubai) to be true Friends of IEEE. This activity would not have been possible without their contributions and support!

IEEE INDUSTRY ENGAGEMENT WORKSHOP (IEW) 2025 IN KANSAI

Kenta Morita, YP Coordinator, IEEE Japan Council

Overview and Scope

IEEE Industry Engagement Workshop (IEW) is a once-a-year event organized by IEEE Japan Council and a local section in Japan with rotation basis. This year, Kansai-section hosted this event as IEW 2025 IN KANSAI on 12 December 2025 at Ritsumeikan University with the theme of “Technological Aspects of the Osaka/Kansai Expo”. This workshop was collaborated event with IEEE Japan SYWL Workshop held on 13 December 2025.

Under the theme "Designing Future Society Where Life Shines," the 2025 Japan World Expo (Osaka/Kansai Expo) was held with the aim of bringing experimental platforms for the future society. In addition to pavilions from various countries, many advanced technologies and systems from Japanese companies and organizations were demonstrated and implemented through initiatives such as suture society showcase projects. Among these, numerous technologies related to fields covered by IEEE were utilized.

The workshop invited speakers who supported the Osaka/Kansai Expo's exhibits from technical perspectives to learn about the technologies employed and to deepen understanding of the technological development and challenges necessary for the future society.

This workshop was successfully held, featuring four talks with active discussions on-site.

Talk 1: Development of a Simple Detection System Utilizing DNA Origami Technology

Speaker: Keita Saito, Chief Technology Officer, Cranebio Co., Ltd

DNA origami is a technology that constructs nanostructures controlled at the nanometer scale using DNA as the material. An especially notable feature of DNA origami is that these structures can change under specific conditions, a property that has been reported in academia for applications such as nanorobotic components.



In the field of simple diagnostics, one of the key challenges is how to convert information such as the recognition of the presence of a molecule into perceptible signals, like visible light, that humans can recognize. Particularly advantageous is the chemical information conversion that requires no power, which can significantly benefit business model development. In the talk, Dr. Saito introduced the characteristics of DNA origami, with a focus on its "structural change" property, and showed the present detection solution that leverages this unique feature.

Talk 2: Overview and Technologies of the “Future of Life” Pavilion

Speaker: Hiroshi Ishiguro, Professor, Osaka University / ATR, and Takahiro Miyashita, Director, ATR

The signature pavilion “Future of Life” was based on the concept: “As technology continues to advance and the distance between humans and robots or androids becomes even closer, the possibilities of human life will further expand.”

Under this theme, diverse companies and creators presented exhibitions envisioning society and products 50 years from now, the future of Japanese culture, the form of life 1,000 years ahead, and encounters with various robots and androids—inviting visitors to experience and reflect on these possibilities. The pavilion attracted a large number of attendees. Prof. Ishiguro and Dr. Miyashita introduced the pavilion's overview and structure, as well as the technologies used to connect and control numerous androids in order to create an immersive vision of the future world.



Talk 3: Continuous Sensing and Feedback for Beauty and Health

Speaker: Tsutomu Terada, Professor, Kobe University

The research team led by the speaker is advancing various studies focused on observing changes in our health and beauty through continuous sensing and context-dependent feedback. In particular, through a collaborative project with Momotani Juntendo Co., Ltd., they developed the system "Skin Voice", which features skin barrier sensing and an automated lotion spray function tailored to skin condition. During the Osaka Expo Healthcare Pavilion exhibition, over 1,300 visitors experienced this system. This talk offered primarily discussion on the results of the Skin Voice demonstration and explored how our daily lives might change through continuous sensing and feedback technologies.



Talk 4: IOWN x Spatial Transmission – A Communication Experience Where Distant Spaces Become One

Speaker: Jun Shimura, NTT

NTT has supported the evolution of communication that connects people through technology. At the 2025 Japan World Expo (Osaka/Kansai Expo), NTT also worked on creating future communication experiences within the NTT Pavilion.

Although recent advancements in communication technology have been significant, non-verbal elements such as empathy and presence have not been fully conveyed. To address this, our research institute is developing related technologies aimed at realizing future communication that, in a society decades ahead, allows people to feel as if they are in the same space through all five senses. Dr. Shimamura introduced the experimental results, including the Perfume live transmission experiment conducted at the Expo, and discussed the "Dynamic 3D Spatial Data Transmission and Reproduction Technology," "Vibrotactile-Sound Field Presentation Technology," and other related innovations.



THE 10TH ANNIVERSARY EVENT OF NAGOYA YP

Yusuke Nozaki, Chair, Nagoya Section YP

On 30 November 2025, the IEEE Nagoya Section Affinity Group Young Professional hosted its 10th anniversary event at STATION Ai in Nagoya Japan, where 28 young researchers participated.

The event was held in collaboration with IEEE Japan YP Career Lab. The first part featured presentations by 6 speakers, including past Nagoya YP Chairs: the 1st YP Chair Dr. Takuo Suzuki, the 2nd YP Chair Dr. Lee Jaeryoung, the 3rd YP Chair Mr. Takefumi Yamada, the 4th YP Chair Dr. Komei Hasegawa, the 5th YP Chair Dr. Kenta Morita, and the 6th YP Chair Dr. Yusuke Nozaki. In the presentations, past activities were reviewed, and the speakers shared how YP activities had impacted their career.



In the second part, group discussions were held to address the concerns of young researchers, organized by Nagoya YP and Sendai YP. Discussions were conducted in six groups, and the results were presented to the overall participants.

IEEE PHILIPPINE SECTION ANNUAL GENERAL MEETING 2025

Christian Enoval, Chair, IEEE Philippine Section

The IEEE Philippine Section (IEEE PS) held its Annual General Meeting and concurrently celebrated its 51st Founding Anniversary on 18 December 2025 at the Novotel Cubao, Quezon City, Philippines. The occasion was attended by the active section members across the country.

The event began with the opening remarks from the Section Vice Chair, Dr. Ira Valenzuela, setting the tone for a dynamic program.

Assoc. Prof. Christian Enoval, SMIEEE, the Section Chair, delivered the Chairman's report and highlighted all the achievements of the section for the entire year. This includes the conferences that the section co-organized with

other organizations which helped expanded the IEEE network in the country. The Section Chair also gave emphasis on the successful and official formation of several organizational units such as, the Polytechnic University of the Philippines Student Branch, Geoscience and Remote Sensing Society, and Computer Society.



Further, Dr. Mark Angelo Purio, the IEEE PS SAC Chair, reported the activities and annual accomplishments of the local student branches. This was followed by a few entertaining games as part of networking activity.

Before the event ended, the election result was announced for the term 2026, welcoming Dr. Ira Valenzuela as the incoming Section Chair. Engr. Eduardo Piedad Jr., the Section Secretary, concluded the event by thanking all the participants and the organizers for another wonderful event.

IEEE JAPAN SYWL WORKSHOP IN KANSAI 2025

Kenta Morita, YP Coordinator, IEEE Japan Council

The IEEE Japan SYWL Workshop in Kansai 2025 was held on 13 December 2025, at Ritsumeikan University's Ibaraki Campus.

This event was hosted by IEEE Japan SYWL Workshop Executive Committee and IEEE Japan Council.

It was also co-hosted by JC Student Activity Committee, IEEE Kansai Section, IEEE Sapporo/Sendai/Tokyo/Nagoya/Kansai/HSF Young Professional Affinity Group, IEEE Kansai WIE Section, and IEEE Sapporo/Sendai/Tokyo/Nagoya/Kansai/Fukuoka Life Members Affinity Group.

This workshop was a valuable opportunity for representatives from Japan's Student Branch, Young Professionals, Women in Engineering, and Life Member Affinity Group to gather together. A total of 42 participants attended, including 34 in-person and 8 online.

The SYWL WORKSHOP aimed to inspire all participants to envision the future of their own technology or field through discussion and to inspire the creation of new technology and

research. The theme of the workshop was "Engineers, be ambitious!" The discussion focused on the following five topics:

1. Good things I tried as a student or young researcher, and things I wish I had done.
2. What is necessary to interact well with AI?
3. What kind of environment and behaviors are necessary to continue my research and career?
4. Considering the advantages and disadvantages of IEEE.
5. Group Mentoring (discussions addressing various questions and concerns about the future of students and young researchers (including women))



Participants interacted with each other across generations and fields, sharing their experiences and ideas and expanding their networks among students, engineers, researchers, and companies.

Finally, each discussion topic was followed by a presentation, bringing the workshop to a successful conclusion.

EDUCATIONAL OUTREACH ACTIVITY: IEEE UET FAISALABAD VISITS TO UNPRIVILEGED SCHOOL

Abdul Rafay Nadeem, Webmaster, IEEE UET FAISALABAD

The IEEE SIGHT University of Engineering and Technology (UET) Faisalabad Chapter, in collaboration with IEEE UET Faisalabad, conducted an educational outreach activity at Government High School, Chak 97 GB Kingmiraj, to promote awareness of basic STEM concepts among students. The main goal of the activity was to inspire young students to develop an interest in science and technology through practical and interactive learning.

During the session, students actively participated in hands-on experiments and demonstrations related to electromagnetic theory. Volunteers used simple, engaging experimental setups to explain concepts such as magnetic fields, electric current, and their practical applications in modern technology. These demonstrations made complex topics easier to understand and created a fun learning environment.

Students showed great enthusiasm by observing experiments closely, asking questions, and sharing their thoughts, thereby strengthening their conceptual understanding.

The outreach activity also focused on enhancing students' soft skills, including teamwork, communication, and critical thinking. Students worked in groups to perform small tasks and discuss their observations, which encouraged collaboration and active participation. The Volunteers further introduced students to IEEE and the IEEE SIGHT program, explaining how technology can be used to solve community problems and support social development. This introduction helped broaden students' perspectives about future academic opportunities and potential careers in STEM-related fields.



The session concluded with refreshments, creating a welcoming and positive ending to the activity. The school administration and teachers appreciated the efforts of the IEEE volunteers and acknowledged the positive impact of the session on students' motivation and learning. Overall, the outreach activity successfully promoted STEM awareness, encouraged curiosity and innovation, and reflected IEEE SIGHT UET Faisalabad's commitment to educational and community development.

BRIDGING THE DIGITAL DIVIDE: IEEE KUALA LUMPUR SUB SECTION AND IEEE UTMKL STUDENT BRANCH MARK STEM INTEREST AMONG YOUTHS OF KAMPUNG PADANG BALANG

Fitri Yakub, Student and Humanitarian Activities Coordinator, Kuala Lumpur Sub Section

KUALA LUMPUR, 8 February 2026 in a spirited effort to empower the local community through education, the IEEE Kuala Lumpur Subsection and the IEEE UTMKL Student Branch successfully organized a humanitarian outreach program for the youths of Kampung Padang Balang, Sentul.



Held at the Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia Kuala Lumpur, the "Arduino and IoT Workshop" was more than just a technical class; it was a bridge connecting the university's resources with the aspirations of the local village community. The primary mission of this initiative was to demystify the Fourth Industrial Revolution (IR 4.0) for school students who might otherwise lack access to advanced hands-on technical training.

Eighteen students, ranging from Form 1 to Form 5 from the Kampung Padang Balang village, were welcomed into the university's "Monozukuri" laboratories. For many, this was their first opportunity to engage directly with microcontroller technology and the IoT in a professional engineering environment. The event was characterized by close-knit mentorship. University students from the IEEE UTMKL Student Branch acted as facilitators, providing personalized guidance to the village youths. This peer-to-peer learning environment fostered a sense of camaraderie and allowed the school students to envision themselves as future undergraduates.



The modules were carefully designed to be interactive and engaging, moving away from dry theory. This outreach aligns closely with the United Nations Sustainable Development Goals (SDGs), specifically SDG 4: Quality Education and SDG 17: Partnerships for the Goals. By pooling resources between the IEEE KL Subsection, the IEEE UTMKL Student Branch, and the Kampung Padang Balang community, the program successfully delivered inclusive and equitable quality education opportunities to the village youths. The smiles and enthusiastic feedback from the participants of Kampung Padang Balang signaled the program's success.

INSPIRING YOUNG MINDS THROUGH STEAM: IEEE ISLAMABAD SECTION SCIENCE MELA 2025

Nosherwan Shoaib, Chair, IEEE Islamabad Section

IEEE Islamabad Section organized a one-day Science Mela at the School of Electrical Engineering and Computer Science (SEECS), National University of Sciences and Technology (NUST), H-12 Campus, Islamabad on 6 December 2025. The event was designed to promote curiosity, innovation, and hands-on learning in modern STEAM (Science, Technology, Engineering, Arts, and Mathematics) domains. A diverse range of activities was arranged, covering robotics, natural language processing, artificial intelligence and machine learning, game programming, and creative arts-based engagements. Specially designed interactive activities were also developed to ensure meaningful participation for younger children.



The event proudly hosted 310 participants from various community-based schools. We were especially honored to welcome children with visual impairments, physical disabilities, health conditions, and those from humble financial backgrounds. The inclusive environment ensured that every child could actively engage, explore technology, creativity, and experience the excitement of scientific discovery. The enthusiasm and joy observed throughout the day reflected the success of the initiative.



IEEE Islamabad Section strongly promotes and supports STEAM outreach activities, and the vibrant participation of students, volunteers, and organizers demonstrated this commitment in action. The Science Mela served as a valuable platform to inspire young minds and strengthen the culture of innovation, creativity, and inclusivity within the community.

4TH F.C. KOHLI MEMORIAL LECTURE

Mahesh Nirati, Secretary, IEEE Computer Society Hyderabad Chapter

The IEEE Computer Society Hyderabad Chapter, under the aegis of the IEEE Hyderabad Section, in collaboration with IIIT Hyderabad, successfully hosted the 4th F.C. Kohli Memorial Lecture on 26 November 2025 at the KRB Auditorium, IIIT Hyderabad. The event brought together 50 attendees (42 IEEE members and 8 non-members) from academia, research, and industry, reflecting strong engagement from the regional technical community.

Centered on the theme “The Next Frontier: Quantum Computing and Systems Thinking for Humanity,” the lecture created a platform for exploring how emerging quantum technologies can address complex societal challenges. The session examined practical pathways through which quantum computing can enhance climate resilience, healthcare systems, secure communications, energy optimization, and advanced infrastructure.



Participants gained insights into foundational quantum concepts—including qubits, entanglement, and photonic quantum systems—while also understanding their relevance

in real-world applications such as quantum-accelerated digital twins and large-scale system optimization. The discussion emphasized systems thinking as a critical framework for translating advanced research into scalable, human-centered solutions.

The interactive Q and A session demonstrated high participant engagement, with thought-provoking questions on implementation challenges, industry readiness, and interdisciplinary collaboration. The event fostered meaningful dialogue between students, researchers, and professionals, strengthening the bridge between theoretical innovation and applied impact.

IEEE RETURNING MOTHERS CONFERENCE (RMC) 2025

Mahesh Nirati, Chair, Section Communications, IEEE Hyderabad Section

The IEEE Returning Mothers Conference (RMC) 2025 successfully convened on 8–9 November 2025 at VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, bringing together 250 participants, including 100 IEEE members and 150 non-members. The conference served as a dynamic platform to advance inclusion, leadership development, and structured career reintegration for women returning to the workforce after career breaks.



With participation from professionals, educators, policymakers, entrepreneurs, and industry leaders, RMC 2025 focused on enabling resilient career pathways through skill enhancement, mentorship, and ecosystem support. The program featured high-impact sessions on AI-driven entrepreneurship, cybersecurity career transitions, frugal innovation, return ship frameworks, women's safety, wellbeing, and inclusive workplace practices. Panel discussions explored policy reforms, institutional support systems, and competency frameworks essential for sustainable professional re-entry.

A keynote address by Dr. Takako Hashimoto, IEEE Region 10 Director, reinforced the importance of inclusive leadership and lifelong engagement within IEEE and the broader technology community. The Phoenix Summit 2025 and the Bozena Pasik-Duncan Humanitarian Mentorship Awards further highlighted inspiring journeys of perseverance and recognized individuals advancing mentorship and humanitarian leadership.

The conference fostered meaningful networking, cross-sector collaboration, and knowledge exchange, strengthening the bridge between academia, industry, and returning professionals. By integrating technical learning with policy dialogue and community support, RMC 2025 exemplified IEEE's commitment to diversity, equity, and empowering women technologists across Region 10.

Under the leadership of Dr. Ramalatha Marimuthu and the organizing team, RMC 2025 emerged as a landmark regional initiative, reinforcing IEEE's mission of Advancing Technology for Humanity through inclusive participation and sustained professional engagement.

IEEE REGION 10 STUDENT SUMMIT 2025 AT GIK INSTITUTE, PAKISTAN

Sarah Iqbal, Student Activities Committee Chair, Islamabad Section

The IEEE Region 10 Student Summit 2025 was successfully held on 16 October 2025 at GIK Institute, Pakistan, under the theme "Empowering Tech: Building Ethical, Inclusive and AI-Ready Engineers for a Resilient Tomorrow." The summit brought together over 150 IEEE student leaders, volunteers, and professionals to strengthen collaboration, leadership capacity, and technical growth across Region 10.



The event commenced with opening remarks by Prof. Dr. Nisar Ahmed, Student Branch Counsellor, and Dr. Sarah Iqbal, Chair SAC Team, who emphasized IEEE's role in shaping ethical and professionally competent engineers.

A keynote address by Prof. Dr. Takako Hashimoto, IEEE R10 Director (2025–26), delivered online, highlighted ethical governance, transparency, diversity, and responsible innovation across the Asia-Pacific region.

Technical sessions featured distinguished speakers including Dr. Sarah Iqbal on membership and volunteerism; Dr. Salma Imtiaz on future-ready software engineering; Prof. Dr. Celia Shehnaz (online) on deep learning and diversity; Dr. Hadeed Ahmed Sher on renewable energy career pathways; and Prof. Dr. Muhammad Moazam Faraz on AI-driven agricultural innovation. The sessions collectively emphasized interdisciplinary skills, sustainability, and ethical responsibility in emerging technologies.



Interactive engagement activities, including a Kahoot quiz, networking tea break, lunch with a musical performance, and a Branch Chairs Meeting, fostered collaboration and strategic dialogue among participants.

The summit concluded with closing remarks by Dr. Noshawan Shoaib, Chair IEEE Islamabad Section, followed by shield and certificate distribution. The event reinforced IEEE's mission of advancing technology for humanity while empowering student leaders to connect, contribute, and grow globally.

IEEE SILCHAR SUBSECTION EVENTS

Koena Mukherjee, Secretary, IEEE Silchar Subsection

- **IEEE SILCHAR SUBSECTION FLAGSHIP CONFERENCE:** The 4th Edition of the International Conference of the IEEE Silchar Subsection (IEEE SILCON 2025) was successfully hosted by the National Institute of Technology Nagaland with technical sponsorship from the IEEE Kolkata Section. The conference was inaugurated on 6 November 2025 by Prof. (Dr.) Bhim Singh, IEEE Fellow, ANRF National Science Chair and Emeritus Professor, IIT Delhi.
- IEEE Silchar Subsection conducted the IEEE Silchar Subsection Student Summer Internship Program – 2025 (IS3IP-2025) for the undergraduate student communities of the region.

The IEEE North East India International Energy Conversion Conference and Exhibition (NE-IECCE) 2025 is the inaugural flagship event organized by the IEEE IAS Joint Chapter, Silchar Subsection, in collaboration with the Electrical Engineering Department of NIT Silchar, Assam.

- The 3rd International Conference on Intelligent Systems, Advanced Computing, and Communication (ISACC 2025), organized by the Department of Computer Science and Engineering, Assam University, Silchar, from 27-28 February, 2025 with technical co-sponsorship from the IEEE Silchar Subsection and the IEEE Kolkata Section.
- The Women in Engineering (WIE), IEEE Silchar Subsection, in collaboration with NIT Manipur and NIT Silchar, organized a 5-Day Online International Workshop on “Women in Engineering: Exploring Emerging Technologies for a Smarter Future” from 1–5 December 2025. With 147 participants from academia and industry, it concluded.
- The IEEE Membership Drive 2025 was organized by the Department of Electronics and Communication Engineering, NIT Silchar, on 29 October 2025.
- THE ENA committee of IEEE Silchar Subsection organized a 5 day online International Workshop. The Department of Electronics, Dhanamanjuri University (DMU), Manipur, in collaboration with the IEEE Silchar Subsection, organized the 5-Day Online International Workshop on “Recent Advances in Semiconductor and Emerging Devices for Chip Design (RASEDCD-2025)” from 6th–10 October 2025.
- The Rural Educational Advancement for Community Health (REACH) Web App Initiative in India is an EPICS in IEEE-funded humanitarian technology project granted to Assam University, Silchar, with a total approved funding of USD 1,590.00.
- The IEEE RAS NIT Silchar Student Subsection Prof. Fumihito Arai From the University of Tokyo, as part of the UEEEE Robotics and Automation Society Distinguished Lecture Program on 18 December 2025.
- The IEEE Robotics and Automation Society, Silchar Subsection, successfully celebrated the IEEE Day by organizing Robot Concept Design (Robots for Earth) and Poster Making Competition (Fire Surveillance Drone) in collaboration with Eco club of NIT Silchar,
- IEEE Kolkata Section AP Society Joint Chapter-Silchar, IEEE MTTs Student Branch Chapter on 11 August 2025 organised general Public Lecture on “Artificial Neural Network-Based Modeling with Emerging Applications”.