

Monthly Spotlight: November 2025



EVENTS

SDG Sprints Workshop | Series 02 Focusing on Clean Water and Climate Sustainability

29 November 2025



The SDG Sprints Workshop Series 02 was successfully conducted virtually on 29 November 2025, hosting 35 undergraduates and young professionals. The session continued the program's core goal of preparing participants for the IEEE Solution Challenge by focusing on two critical global priorities: SDG 6 - Clean Water & Sanitation and SDG 13 - Climate Action.

The virtual format allowed the program to proceed seamlessly despite prevailing weather conditions, ensuring accessibility for participants from various regions. Dr. Manuri Perera (Postgraduate Institute of Medicine, UoC) provided a public health perspective on sustainable water

management and equitable clean water access. In parallel, Ms. Avishka Sendanayake (Marie Curie Fellow, University of Catania) discussed the urgency of climate action and the role of community-led, climate-tech solutions.

Participants engaged in discussions and idea-generation exercises, fostering critical reflection on how young innovators can contribute to sustainable development through informed action and multidisciplinary collaboration. The program now moves forward, with fourteen teams already registered for the upcoming Solution Challenge.



Rajarata University of Sri Lanka | RUSL 22 November 2025

The IEEE INSL Provincial Competition for the Rajarata University of Sri Lanka (RUSL) Student Branch was successfully held virtually on 22 November 2025. Attracting around 40 attendees, the online competition provided a vital platform to encourage undergraduates to transform creative ideas into structured project proposals and gain real pitching experience.

Seven innovative teams presented their concepts during the session. The presentations were rigorously evaluated by an expert panel featuring Husni Mohamed, Lecturer, Faculty of Technology, and Ms. A.K.N.L. Aththanagoda, Lecturer, Department of Computing.

The event achieved its objective of strengthening entrepreneurial thinking, fostering collaboration, and building confidence among students. Through



preparatory sessions and expert evaluation, the competition successfully provided a meaningful platform for young RUSL innovators to showcase their talents and secure their advancement to the national stage.

Wayamba University 21 November 2025

The Wayamba University Provincial Round of INSL 2025 was successfully held virtually on 21 November 2025. This provincial competition served as a vital platform for young entrepreneurs from the Wayamba University community to pitch their groundbreaking business ideas and secure a spot in the National Level INSL competition.

The event, which saw participation of around 30 individuals, featured an active judging panel composed of Eng. Lakshara Gunawardhana and Mr. Thilina Payagala, Lecturers, WUSL. They evaluated innovative business concepts, prototypes, and entrepreneurial skills across five pitching sessions.

The competition successfully achieved its goal of identifying top-performing teams while enhancing participants' pitching and



communication skills through constructive feedback. The event concluded by selecting teams to advance, highlighting the university's strong culture of innovation and student-driven entrepreneurship.



NSBM Green University 20 November 2025

The NSBM Provincial Round of INSL 2025 was successfully held virtually on 20 November 2025. This virtual competition provided an interactive platform for enthusiastic young innovators and emerging entrepreneurs from NSBM Green University to showcase their ideas.

The event, which involved around 30 participants, featured an expert judging panel: Mrs. Chathurma Wijesinghe (Lecturer, NSBM) and Mr. Akshitha Sriyanjith (COO/Co-Founder, Rotaframe Technology). They rigorously evaluated five pitching sessions focused on innovative business ideas and early-stage prototypes.

The competition successfully identified topperforming teams for the INSL National Level. Participants gained valuable insights, constructive feedback, and enhanced



their pitching and presentation skills in a competitive environment, reinforcing NSBM's dedication to fostering student entrepreneurship.

Sri Lanka Technology Campus | SLTC 19 November 2025

The IEEE INSL Provincial Competition for SLTC was successfully conducted online on 19 November 2025, gathering undergraduates to pitch their transformative ideas. The event served as a crucial platform to identify the top innovators who would advance to the National Round of Innovation Nation Sri Lanka 2025.

The competition featured rigorous evaluation by an expert judging panel, including Dr. Lakshitha Pahalagedara (Dean of the Faculty of Postgraduate Studies and Research, SLTC) and Dr. Chamith Chandrarathna (Acting Department Head of Applied Electronics, SLTC). They scored pitches based on creativity, feasibility, and innovation, ensuring a high standard of selection.

The event, which was organised by the IEEE Student Branch of SLTC, successfully promoted creativity and entrepreneurial



thinking. Winners, including the NexCodeX Team who secured first place, were recognised, highlighting the strong innovation culture being fostered within the university.



SDG Sprints Workshop Series 01: Fostering Sustainable Innovation for Health and Education

15 November 2025

The SDG Sprints Workshop Series 01 was successfully held on 15 November 2025 at NIBM City University, drawing 39 undergraduates and young professionals. This core phase of the SDG Sprints program, designed to prepare participants for the IEEE Solution Challenge, focused on two critical areas: SDG 3 - Good Health and Well-Being and SDG 4 - Quality Education.

The workshop addressed prevailing challenges in Sri Lanka's health and education sectors with expert contributions. Mr. Keerthi Kodithuwakku

(Chairman & CEO, Jendo Innovations) shared insights on digital health innovations, while Mr. Kalimuthu Kulendra (Senior Manager, Room to Read) highlighted technology-enabled learning and improving educational accessibility.

The event successfully raised awareness and provided attendees with real-world context, case studies, and foundational knowledge. It empowered participants to identify challenges and conceptualize practical, low-cost solutions aligned with national priorities for sustainable development.









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University of Sri Jayewardenepura 15 November 2025

The INSL 2025 Provincial Competition brought together the brightest minds from the University of Sri Jayewardenepura on November 15th. Held online via digital platform, the event featured 10 contestants who made it through the pitch deck evaluation stage. Three individual participants and two teams competed for a spot in the next round.

The competition provided students with a valuable platform to showcase their innovative ideas to an expert panel.

Judging Panel:

- Mr. Adhisha Gammanpila
 Founder & CEO of Feynman and
 USJ alumnus
- Mrs. Chathma Ganguli
 Tech Transfer Manager at USJ

The judges evaluated each presentation carefully and provided constructive feedback to help participants refine their concepts.

The event achieved its goal of selecting the top three contestants who will advance to the national level. Students gained practical experience in pitching their ideas and received guidance from industry professionals. This competition continues to nurture entrepreneurial thinking among university students across Sri Lanka.







IEEE Sri Lanka Section Drives Career Growth with Senior Member Elevation Workshop

IEEE Sri Lanka Section

11 November 2025

The IEEE Sri Lanka Section successfully hosted the Senior Member Elevation Workshop on 11 November 2025 at SLIIT Malabe. The event was a key part of the Section's Membership Development initiatives, aimed at professional recognition and career progression for eligible members.

The workshop provided comprehensive guidance on the eligibility criteria, the application process, and reference guidelines for elevation to the Senior Member grade. Key topics covered requirements such as the minimum 10 years of professional practice, 5 years of

significant performance, and acceptable educational experience conversion.

Prof. Anuradha Jayakody led the session, which saw active engagement from 30 attendees, including academics and industry professionals. Notable outcomes included 17 participants beginning their applications during the session and 11 requesting follow-up support.

This high-impact workshop strengthens professional recognition and membership retention, fostering leadership development within the Section in alignment with Region 10 objectives.









Kotelawala Defense University 8 November 2025

Computing and engineering students from Kotelawala Defense University gathered online on November 8th for the INSL 2025 Provincial Competition. The event, held online at 8:00 PM, welcomed 11 participants eager to present their innovative solutions.

The competition featured two experienced judges from the University of Sri Jayewardenepura.

Judging Panel:

- Dr. Budditha Hettige
 Senior Lecturer, Department
 of Knowledge Engineering and
 Communication, USJ
- Dr. Anuradha Ariyaratne
 Senior Lecturer, Department of
 Computer Science, USJ

Each team delivered a 7-minute pitch followed by an 8-minute Q&A session, allowing for detailed discussions about their ideas.

Participants gained valuable experience in presenting their projects to academic professionals and received feedback to improve their proposals. The KDU INSL Ambassadors coordinated the event smoothly through a WhatsApp group, ensuring all candidates were well-prepared. This competition successfully identified promising teams ready to advance to higher-level INSL competitions while building an innovation culture at KDU.







Uva Wellassa University 7 November 2025

The Uva Wellassa University Provincial Round of the IEEE INSL 2025 Provincial Competition was held online at 8:00 PM, bringing together around 20 undergraduate students to showcase their innovative business ideas and prototypes. The event created a professional platform for students to enhance their pitching and presentation skills while receiving constructive feedback from industry and academic experts.

Judging Panel:

- Mr. H.P.D.P. Pathirana
 Lecturer, Department of
 Computer Science and
 Informatics, Faculty of Applied
 Sciences, Uva Wellassa University
- Mr. L.S. Wijesekara Software Engineer, Visio Innovation

The competition successfully identified three top-performing teams who qualified for the National Level of IEEE INSL: TechTronics, PropertyPro, and Innovexa. Throughout the event, participants received valuable feedback from the judges, helping them refine their business ideas and improve their presentation skills. The competition enhanced students' confidence, innovation mindset, and readiness for larger entrepreneurial platforms, preparing them to take their innovative concepts to the next level.







Industry Connect Session with MAS Holdings Exploring Innovation in Manufacturing

30 October 2025

6 November 2025



The Industry Connect Session with MAS Unichela was successfully hosted by StudPro 8.0 on 30 October 2025 and 6 November 2025, at the MAS Unichela facility in Panadura. The event accommodated 30 undergraduates, selected from 163 registrants, providing them with essential, firsthand industry exposure.

The participants gained insights into MAS Holdings' operations, innovative work culture, and sustainability-driven practices. Discussions focused on

current industry trends, the evolving skill demands, and career pathways available within the leading apparel and manufacturing company.

The session successfully bridged the gap between academia and industry. It provided practical guidance on aligning academic learning, technical skills, and personal development with realworld industry expectations, helping participants enhance their career readiness for the modern manufacturing and technology sectors.



Industry Connect Session with Capital Maharaja Group Exploring Media Innovation

6 November 2025



The Industry Connect Session with Capital Maharaja Group was successfully held on 6 November 2025 at the Capital Maharaja Group premises in Depanama, Pannipitiya. Organized by StudPro 8.0, the event hosted 110 undergraduates, who were selected from 182 registrants, providing them with essential industry exposure.

The session focused on understanding the operations and workflow of a leading broadcast corporation, including how media content is produced and distributed. Discussions covered current industry trends, innovations, and emerging technologies in media and broadcasting. Speakers highlighted the crucial skills and competencies required for successful careers in the sector, emphasizing the alignment of academic learning and creative abilities with industry demands.

Participants gained practical guidance on career choices and enhanced their understanding of the media landscape, preparing them for future opportunities in broadcasting and media technology.



University of Colombo School of Computing | UCSC 4 November 2025

The University of Colombo School of Computing (UCSC) IEEE INSL 2025 Provincial Competition was held as a virtual session, designed to inspire innovation and entrepreneurial thinking among students of the UCSC. Organized by the UCSC IEEE Student Branch in collaboration with the INSL Programme Team, the event created an engaging platform for 15 young innovators to present their ideas and strengthen their startup-building skills through expert insights and guidance.

Judging Panel:

- Ms. Miuli Kalubowila
 Founder & CEO of Generation
 ALPHA (Pvt) Ltd
- Mr. Roshan Abeyweera Lecturer at UCSC

The event successfully provided with professional students a platform to present their ideas, receive expert feedback. and develop both technical and business skills through mentorship. **Participants** gained valuable practical experience in pitching their ideas in a professional setting, preparing top-performing teams for the next stage of the nationallevel competition.

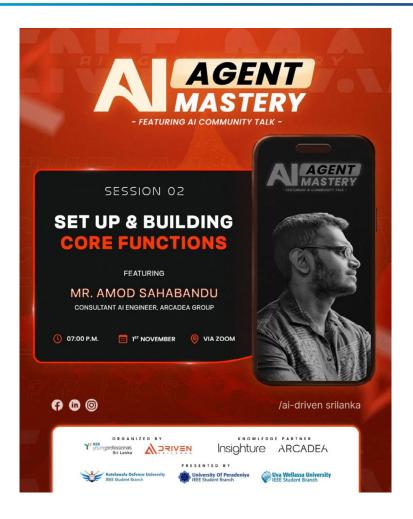






Al Agent Mastery: Session 02 Setting Up & Building Core Agent Functions

1 November 2025



The second session of the Al Agent Mastery Talk Series, an initiative by Al Driven SL and IEEE Young Professionals Sri Lanka, was successfully conducted virtually on 01 November 2025. The event drew 60 undergraduate students and tech enthusiasts, focusing on transitioning from theoretical architecture to practical Al agent implementation, in collaboration with IEEE Student Branches from the University of Peradeniya, Uva Wellassa University, and KDU.

Mr. Amod Sahabandu, a Consultant Al Engineer at Arcadea Group, guided participants on Setting Up & Building Core Functions. Key learning areas included managing LLM platforms and API keys, understanding core configuration parameters like Temperature and Max Tokens, and establishing a professional development pipeline using Git and UV installation.

The session featured a crucial hands-on development segment, demonstrating how to build a functional AI Research Agent. This practical exercise solidified participants' understanding of agentic workflows, preparing them to create reliable, scalable AI agent systems for real-world applications.



ADDITIONAL SPOTLIGHTS FROM OCTOBER...

IEEE INSL Provincial Competition

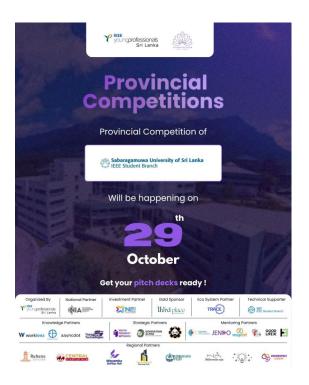
Sabaragamuwa Province 29 October 2025

The IEEE INSL 2025 Sabaragamuwa Provincial Competition was successfully conducted as an online event from 5:00 PM to 8:30 PM, bringing together over 12 teams. Dedicated to fostering innovation and entrepreneurship among university students in the Sabaragamuwa Province, the event provided a platform for emerging innovators to present their startup concepts, receive expert feedback, and advance toward the national-level competition.

Judging Panel:

- Mr. Buddhika Priyabashana Associate Technical Lead, Sysco LABS
- Prof. D. A. I. Dayarathne
 Director, University Business
 Linkage Cell, Sabaragamuwa
 University of Sri Lanka
- Mrs. K. G. Lohara Chathumini Lecturer (Probationary), Faculty of Computing, Sabaragamuwa University of Sri Lanka

The competition concluded with three outstanding teams advancing to the national level. Jithmi Wickramasinghe secured first place, followed by Hackstrom in second place, and Aradhya Jayawardane in third place. Participants gained valuable insights from the expert judging panel, receiving constructive feedback that helped them enhance their ideas, strengthen their business models, and improve their pitching skills.

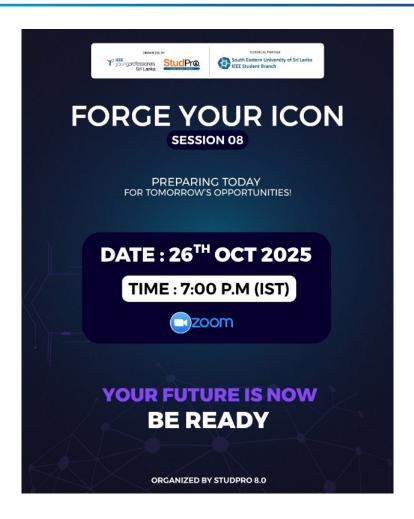






Forge Your Icon Session 08 | Preparing Today for Tomorrow's Opportunities

26 October 2025



The Forge Your Icon - Session 08 was successfully held virtually on 26 October 2025, drawing 47 undergraduates to explore career resilience in the digital age. Organized by StudPro 8.0, the session focused on how to prepare for the evolving demands of an Al-driven professional landscape.

The keynote speaker, Ms. Dulani Dassanayake, Talent Acquisition Lead at CUBE Sri Lanka, shared practical strategies and professional insights from her 8+ years in global HR leadership. The discussion covered how AI is reshaping industries and future careers, highlighting the essential skills and adaptability needed to remain competitive in the digital era.

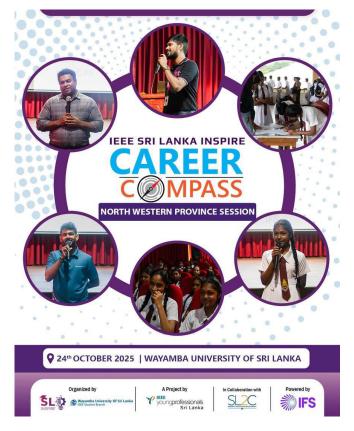
Participants learned how to align their academic choices and personal growth strategies with emerging industry demands. The session empowered attendees with the necessary knowledge and tools to stay relevant, resilient, and career-ready in a rapidly changing technological environment.



IEEE SLInspire: Career Compass Session

Wayamba University of Sri Lanka

24 October 2025



Organised in collaboration with the IEEE Student Branch of Wayamba University of Sri Lanka, this Career Compass session welcomed 114 students at the Auditorium, Faculty of Applied Science, Wayamba University of Sri Lanka.

The day featured informative career advising speeches, motivational workshops, lively Q&A sessions, and

entertaining activities. Students enthusiastically participated, especially during Q&A sections where they asked insightful questions about career planning and further education. Teachers praised the event's organisation and its practical value in helping students with their academic and professional planning.







Sri Lanka Institute of Information Technology | SLIIT 23 October 2025

The SLIIT Provincial Round brought together young innovators from the SLIIT community at the New Kandy Road campus in Malabe. The competition featured seven teams presenting their innovative business ideas, prototypes, and entrepreneurial concepts to an experienced judging panel.

Judging Panel:

- Ms. Thanushika Jathunga Senior Lecturer, Department of Electrical & Electronic Engineering, SLIIT
- Mr. Nisal Weerasinghe
 Assistant Lecturer, Department
 of Electrical & Electronic
 Engineering, SLIIT

The event ran from 9:00 AM to 12:00 PM with each team presenting their ideas in a structured pitching session. After careful evaluation, three topperforming teams: Vision X, NovA, and RPW were selected to advance to the National Level of IEEE Innovation Nation Sri Lanka. **Participants** received valuable feedback from the judges, helping them refine their business ideas and improve their presentation skills. The competition enhanced students' confidence. innovation mindset, and readiness for larger entrepreneurial platforms.







Sri Lanka Al Challenge 2025 Final Pitch Elevates Local Innovation

19 October 2025



The Final Pitch of the Sri Lanka Al Challenge 2025 (SLAIC) was successfully held on 19 October 2025 at Trace Expert City, Colombo, bringing together 43 university student finalists. The event marked the culmination of the challenge, evaluating the creativity, technical accuracy, and real-world applicability of Al agentic solutions.

Finalist teams pitched fully functional Al solutions addressing two real-world use cases: a Smart Shopping Assistant or a Smart Transit Companion. Projects were rigorously evaluated by a distinguished panel of judges, including Mr. Dinusha Kornkaduwa (Augustory Corp), Mr. Hansa Perera (Nagarro), Mr. Kanishka

Wijayasekara (Zone24x7), and Mr. Kanishka Hewageegana (IWMI).

Following the pitches, Team TechBloom secured first place, Team Jaspern were runners-up, and Team Blue Water were second runners-up. The challenge received crucial support from partners, including Zone24x7 as the Gold Partner and Augustory Corp as the Venture Studio Partner.

The success of SLAIC 2025 reaffirms the nation's commitment to advancing AI capabilities and empowering young innovators. Discussions are already underway with Augustory Corp to explore development opportunities for the top five teams.



Al Agent Mastery | Session 01 Designing the Al Agent Architecture

18 October 2025



The inaugural session of the AI Agent Mastery Talk Series, a flagship initiative by AI Driven SL and IEEE Young Professionals Sri Lanka, was successfully held on 18 October 2025, via Zoom, gathering 132 technology and AI enthusiasts. The event, part of a three-month series, was organized in collaboration with IEEE Student Branches from the University of Peradeniya, Uva Wellassa University, and KDU.

Mr. Pasan Jayawardene (Insighture) led the session, focusing on 'Designing the Al Agent: From Problem to Architecture.' He introduced the limitations of basic Large Language Models (LLMs) and highlighted the necessity of advanced agentic systems for achieving autonomy, reliable outputs, and multi-step reasoning in real-world applications.

The discussion covered key architectural concepts, detailing how augmented LLMs integrate external tools, retrieval systems, and memory components to enhance functionality. Live demonstrations showcased practical Al agentic workflows and decision-making pipelines.

This session successfully equipped participants with foundational knowledge to move toward designing scalable and efficient Al-driven solutions.



Southern Province 15 October 2025

The INSL Southern Provincial Competition was organized by the IEEE Student Branch of the University of Ruhuna in collaboration with INSL University Ambassadors. The inspiring event brought together over 50 competitors from the Southern Province to present their innovative ideas to a distinguished judging panel.

Judging Panel:

- Dr. Prabath Weerasinghe Senior Lecturer, Department of Electrical and Information Engineering, University of Ruhuna
- Dr. Iromi Ranaweera
 Senior Lecturer and Final Year
 Project Coordinator, Department
 of Electrical and Information
 Engineering, University of Ruhuna
- Mr. Lasith Chandupa (MSc.)
 Founder & CEO of Imigap (Pvt) Ltd
 and Secretary of Ruhunu Startup
 Hub

Five teams presented their projects during the final competition round, including Shadow Guard, Ruhuna Epics, Spark Masters, Ayti, and an individual competitor Janith Chamikara. Each team had 15 minutes to pitch their ideas followed by Q&A sessions with the judges. The event successfully highlighted the creativity and entrepreneurial potential of participants while providing them with professional feedback to refine their projects and presentation skills.







IEEE SLInspire: Career Compass Session

Ruhuna University of Sri Lanka

11 October 2025



Organised this Career Compass Session in collaboration with the IEEE Student Branch of Ruhuna University of Sri Lanka, this session brought together 101 students at the Faculty of Engineering, University of Ruhuna.

The interactive format allowed students to ask questions and participate actively in discussions. Teachers and students both appreciated the practical nature of the guidance provided, noting how the session helped build confidence and clarity as students prepare for their upcoming G.C.E. Ordinary Level examinations. The event successfully inspired young minds to think proactively about their futures and make well-informed educational choices.







IEEE LET's Talk | Business Analysis Experience Program

IEEE Sri Lanka Section Young Professionals 11 October 2025

The IEEE Sri Lanka Section Young Professionals hosted an exciting Business Analytics Workshop on October 11th at the IIT Spencer Building. This special LETs Talk session brought together 55 aspiring business analysts for a day filled with learning and practical experience.

The workshop featured four industry experts who shared their knowledge and real-world experiences through engaging sessions:

Topics Covered:

- Industry Insight & BA Foundations by Rumesh Wijetunge, Co-Founder of Business Agility Tune Up - Discussed the evolution of business analysis and essential skills needed to succeed in the field
- Tools & Techniques Practical Lab by Uvini Matara Arachchchi, Senior Business Analyst at Zone24x7 - Provided hands-on experience with business analysis tools and requirement-gathering techniques
- Panel Discussion: Redefining Business
 Analysis featuring Rumesh Wijetunge, Uvini Matara Arachchchi, Kirthika Logeswaran (Project Manager at Rootcode), and Adeepa Bandara (Business Analyst at Rootcode) Explored how Al and modern technology are changing business analysis





Participants actively engaged in discussions and practical exercises throughout the four-hour program, gaining valuable insights that bridge the gap between classroom learning and real industry practices. The event successfully created a space where aspiring professionals could learn from experienced mentors and take their first confident steps into the business analysis field.







Industry Connect with North Sails Sri Lanka Bridging Theory and Advanced Manufacturing

9 October 2025

The Industry Connect Session with North Sails Sri Lanka was successfully held on 09 October 2025 at the North Sails Factory in the Biyagama Industrial Zone. Organized by StudPro 8.0 and IEEE Young Professionals Sri Lanka, the event hosted 40 undergraduates specialising in Electrical, Electronic, and Mechatronics Engineering.

The session gave participants firsthand exposure to advanced factory processes, including CAD/CAM pipelines, composite manufacturing, automation systems, and Quality Assurance (QA) workflows. Through guided floor walkthroughs and demonstrations, students connected academic theory with real-world technical practices.

Constructive Q&A sessions with the engineering teams clarified required skills, safety procedures, and career pathways in modern manufacturing and automation roles. The visit enhanced industry readiness,



strengthened ties between academia and industry, and identified clear opportunities for internships and future collaborations.



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AWARDS

IEEE Sri Lanka Section Chips Challenge Winner Shines on the Global Stage

Bronze Medal

20th Annual International Microelectronics Olympiad





Mr. Rameshkumar Rajinthan, winner of the Sri Lanka Chips Challenge, secured the Bronze Medal (3rd Place) at the 20th Annual International Microelectronics Olympiad, bringing global recognition to Sri Lanka.

The Sri Lanka Chips Challenge was organized by the IEEE CASS-CEDA Sri Lanka Chapter under the IEEE Challenge Sphere competition series of the IEEE Sri Lanka Section. Following his national-level victory, Rajinthan

was sponsored to represent Sri Lanka at the international competition held in Yerevan Armenia

The final results were announced on 18 November, 2025 at Engineering City, Yerevan, marking a proud milestone for Sri Lanka.

Congratulations to Mr. Rameshkumar Rajinthan on this well-deserved award, which brings great pride to the IEEE Sri Lanka Section.



IEEE Sri Lanka Section Arduino Challenge Runners-Up Earn Global Technical Excellence Award

Technical Excellence Award

IEEE Solid State Circuits Society Global Arduino Contest 2025











The Runners-Up team of the Sri Lanka Arduino Challenge 2025 achieved global recognition by winning the Technical Excellence Award at the IEEE Solid State Circuits Society Global Arduino Contest 2025.

The Sri Lanka Arduino Challenge was organized by the IEEE IES Sri Lanka Chapter in collaboration with the IEEE IES Student Branch Chapter of SLTC, under the Sri Lanka Challenge Sphere of the IEEE Sri Lanka Section. The runners-up team, "We Make It" from the University of Sri Jayewardenepura,

proudly represented Sri Lanka on the global stage.

Congratulations to the team members:

- Mr. Hiran Dharmapala
- Mr. Lasindu Viduranga
- Mr. Nimesha Nanayakkara

This achievement highlights the impact of IEEE Sri Lanka Section-led initiatives in nurturing innovation, technical excellence, and globally competitive student talent.



