



IEEE WIE MADRAS SPOTLIGHT

Celebrating Impact, Amplifying Voices of IEEE WIE Madras Section Affinity Group

VOLUME 1 | ISSUE 1 | JAN 2026



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Our Purpose

Vision

To achieve global recognition for our significant contributions to enhancing diversity, equity and inclusion in STEM fields.

To create a world where IEEE Women in Engineering is celebrated for its role in improving representation and opportunities.

Mission

To foster global connections, offer unwavering support and ignite inspiration for women and girls world-wide.

To facilitate their recruitment and retention in STEM fields, cultivating an environment that promotes technological innovation and excellence for the betterment of humanity.





Dear Members,

It gives me immense pleasure to address you in this special edition of the IEEE Women in Engineering Madras Section Affinity Group Spotlight, where we proudly celebrate the impact and amplify the voices of our dedicated WIE members who continue to inspire excellence across IEEE.

The IEEE Madras Section remains deeply committed to fostering technological progress, professional development, and collaborative growth. As we lead and support numerous conferences, technical events, and member-driven initiatives, our mission is centered on delivering value, strengthening professional networks, and nurturing innovation across all engineering domains.

Within this mission, the IEEE WIE Madras Section Affinity Group stands as a powerful force. Your relentless contributions, whether through organizing technical workshops, driving impactful outreach programs, mentoring young professionals, or assuming leadership roles, have significantly shaped the direction and success of our Section. The passion and dedication displayed by WIE members exemplify the true spirit of leadership, resilience, and service.

This Spotlight edition is a tribute to your achievements. It showcases the remarkable work, journeys, and aspirations of our members, underscoring how each contribution strengthens the visibility of women in engineering. By highlighting these stories, we hope to encourage many more to step forward, take initiative, and build their own leadership pathways.

I am pleased to share that the IEEE WIE Madras Section Affinity Group received an Honourable Mention for the IEEE Women in Engineering Affinity Group of the Year Award 2024, a proud global recognition of your impactful efforts and dedication.

We also celebrate several outstanding achievements by our members from the IEEE WIE Madras Section AG.

- Dr. Soma Prathibha has won the IEEE India Council WIE Outstanding WIE Volunteer Award and the Bozena Pasik 2025 Award.
- Pooja Sharma has been honored with the prestigious IEEE WIE Inspiring Member of the Year Award 2025 and the IEEE R10 WIE Outstanding Professional Volunteer Award 2025.
- Abinayaa and Indhumathi have won the IEEE IC WIE Outstanding WIE Volunteer Award.
- Abdul Halik M I has received the prestigious IEEE MGA Achievement Award 2025.
- Kumaran Gandhi won the IEEE WIE Inspiring Student Member of the Year Award 2025.

These accomplishments highlight the dedication, leadership, and excellence demonstrated by members of our Section.

Our team has also successfully conducted the IEEE WIE International Leadership Summit in 2016, 2020, and 2024, marking significant milestones in empowering women technologists. In addition, the Connecting The Dots initiative, organized annually to activate and strengthen IEEE WIE Student Branch Affinity Groups across our Section, remains one of our most impactful and admired achievements.

As you continue your involvement, I encourage you to embrace opportunities for growth, expand your skillsets, and explore the vast potential that IEEE offers. Your active participation not only elevates your own professional journey but also creates a lasting positive influence within our Section.

My heartfelt appreciation goes to the IEEE WIE Madras Section Affinity Group for your continued dedication, innovative approaches, and commitment to empowering women in technology. Your work is shaping a more inclusive and progressive engineering landscape for future generations.

Let us continue moving forward with purpose, unity, and enthusiasm, advancing technology, strengthening professional bonds, and building a future where every voice is heard and every contribution is valued.

Wishing you all a rewarding and successful journey ahead.

Warm regards,

Dr. P. Sakthivel

Chairman

IEEE Madras Section



Dear WIE Colleagues and Leaders,

As I reflect on the journey of IEEE Women in Engineering in the Madras Section, my heart is filled with immense pride, gratitude, and hope. What began as a shared vision to create a supportive, empowering space for women in engineering has today grown into a vibrant, impactful community that continues to inspire across generations.

Founding the IEEE WIE Madras Section Affinity Group was not merely about creating a formal structure—it was about building a movement. A movement that encouraged women engineers to believe in their capabilities, step into leadership, and support one another in a field where their voices truly matter. Organizing the first WIE Congress in 2008 was a defining milestone. It brought together passionate professionals, students and allies from several Region 10 countries on a single platform, giving them the opportunity to meet the IEEE Leadership from the President, Vice Presidents and Committee Chairs to the Executive Directors and Program Managers of IEEE, reaffirming that when volunteers come together with purpose, the outcomes are transformative.

One of the proudest moments in this journey was leading the collective efforts that resulted in the WIE Madras Section receiving the WIE Affinity Group of the Year Honourable Mention Award in 2007, within one year of forming the group and the WIE Affinity Group of the Year Award in 2009. These recognitions were not individual achievements—they were a testament to teamwork, shared commitment, and the relentless energy of volunteers who believed in the mission of WIE. They validated the idea that sustained, meaningful activities rooted in mentorship, outreach, and technical excellence can create global benchmarks.

What brings me the greatest joy today is witnessing how far WIE Madras Section has progressed since those early days. The scale, diversity, and depth of activities today far exceed what we initially imagined. From nurturing young girls' interest in STEM to supporting women professionals through career transitions, leadership development, and lifelong learning, WIE Madras Section has truly evolved into an ecosystem of empowerment.

Looking ahead, my aspiration is to see WIE Madras Section emerge as a global role model—one that seamlessly integrates technology, inclusion, ethics, and social impact. I envision a future where WIE becomes a launchpad for women leaders in engineering, research, entrepreneurship, and policy; where our initiatives influence not just careers, but communities and societies at large. I hope to see stronger industry-academia partnerships, deeper mentorship pipelines, global collaborations, and scalable models that can be replicated across regions.

To every member, volunteer, and supporter—past, present, and future—remember that WIE is not just an affinity group; it is a force for change. Each of you carries the power to inspire, uplift, and lead. I am deeply proud of what we have built together, and even more excited about what lies ahead.

Let us continue to dream boldly, act purposefully, and ensure that Women in Engineering is not just included—but influential, impactful, and indispensable.

With pride and optimism,

Ramalatha Marimuthu

Founding Chair, IEEE WIE Madras Section Affinity Group

IEEE WIE International Committee Chair -2011-2012



It gives me immense pleasure to address you through this edition of the IEEE WIE Madras Section Magazine. This magazine serves as a vibrant platform to showcase ideas, innovation, and inspiration, reflecting the collective journey of women in engineering across our Madras Section.

IEEE WIE Madras Section AG continues to grow through the dedication and enthusiasm of its members and volunteers. A key highlight of this edition is the Manga Contest, a unique storytelling initiative that creatively captures the aspirations, challenges, and achievements of women engineers, giving a strong human voice to technology and innovation.

Equally inspiring are the diverse IEEE WIE Student Branch Affinity Group (SB AG) activities conducted across the Madras Section. These initiatives reflect the energy and leadership of our student community and play a significant role in encouraging the formation of more WIE SB AGs, thereby strengthening our Section and expanding the reach and impact of IEEE WIE.

In today's rapidly evolving technological landscape, it is essential that women not only participate but also lead with confidence, purpose, and responsibility. I encourage each one of you to engage actively, pursue lifelong learning, and support one another in building an inclusive and empowered future.

My heartfelt appreciation goes to the editorial team, contributors, and volunteers who have worked tirelessly to bring this magazine to life. Your efforts truly embody the spirit of IEEE WIE.

Let us continue to dream boldly, innovate responsibly, and inspire the next generation of women engineers.

Warm regards,

Dr. Soma Prathibha

Chair (2025-2027)

IEEE Women in Engineering (WIE)

Madras Section Affinity Group

Connecting the Dots 4.0

Connecting the Dots 4.0, an initiative by the IEEE Women in Engineering (WIE) Madras Section Affinity Group, was successfully organized on 11 Oct, 2025, as an offline, full-day event at Sri Sairam Engineering College, in collaboration with the IEEE Computer Society Madras Section, with participation from 166 attendees.



The objective of the program was to unite IEEE WIE communities across the Madras Section, promote leadership, innovation, mentorship, and encourage collaboration among student branches. The event featured keynote addresses by Dr. Soma Prathibha, Chair, IEEE WIE Madras Section, and Dr. Vidhya Arumugam, along with panel discussions, competitions, leadership dialogues, and technical tracks including Student Branch Presentations and an Ideathon.



The program fostered meaningful interactions among WIE leaders, faculty advisors, and student volunteers, encouraging the exchange of best practices and successful implementation strategies.

Participants gained valuable insights into effective event planning, stakeholder engagement, and sustainable growth of WIE affinity groups.



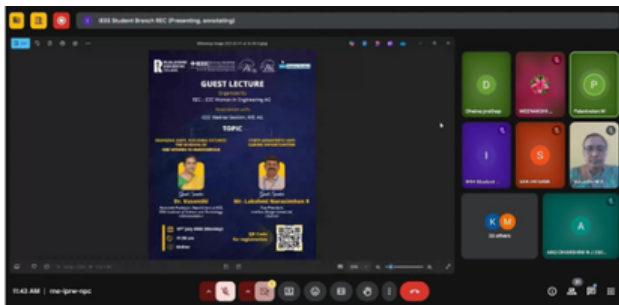
The deliberations emphasized the importance of mentorship, diversity, and ethical leadership in shaping future-ready engineering professionals. Interactive sessions and experience-sharing segments helped build confidence, communication skills, and a strong sense of community among attendees.

The recognition of outstanding contributions further inspired members to strive for excellence and active involvement.

IEEE WIE DAY-2025 CELEBRATIONS

Cyber Awareness and Career Opportunities

As part of IEEE WIE Day 2025, the IEEE Women in Engineering (WIE) Affinity Group of Rajalakshmi Engineering College (REC), in association with IEEE WIE Madras Section AG and IEEE Student Branch REC, organized an online guest lecture on 7 Jul, 2025, from 11:30 AM to 1:00 PM, with active participation from students and faculty members.



The resource persons were Dr. M. S. Vasanthi, Associate Professor, Department of ECE, SRM Institute of Science and Technology, and Mr. Lakshmi Narasimhan R, Vice President, Intellect Design Arena Ltd., Chennai. The objective of the event was to create awareness on cybersecurity and highlight career opportunities while promoting women's leadership in STEM. The sessions covered inclusive leadership, IEEE WIE initiatives, cyber threats, ethical hacking, and industry-relevant certifications. Overall, the program enhanced students' awareness of cybersecurity trends, inspired leadership aspirations, and motivated participants to pursue impactful careers in technology, especially in the cybersecurity domain.

CYBERWISE – Empowering Women

As part of IEEE WIE Day 2025, the IEEE Women in Engineering Affinity Group, Student Branch Chapter, in collaboration with IEEE WIE Madras Section AG and IEEE St. Joseph's College of Engineering Student Branch, organized an online cyber safety awareness program titled "CYBERWISE – Empowering Women" on 4 Jul, 2025, from 11 AM to 12 PM, with active participation from school students.



The session was handled by Ms. Indhumathi Gunasekaran, Secretary, IEEE Madras WIE AG and Council Standing Young Professional Volunteer, IEEE India. The objective of the program was to educate school girls on cyber safety and promote responsible digital behavior. The session covered safe internet practices, identification of online threats, protection of personal data, and responsible social media usage. The interactive discussion encouraged participants to ask questions and share experiences.

IEEE WIE DAY-2025 CELEBRATIONS

The CYBERWISE program significantly enhanced awareness, built confidence among young girls to navigate the digital world safely, and reinforced the importance of cybersecurity and responsible digital citizenship.

Cybersecurity in Embedded Systems & TECH STORM

The IEEE Women in Engineering Affinity Group of Sathyabama Institute of Science and Technology in association with IEEE WIE Madras Section AG and Sathyabama IEEE Student Branch organized a series of technical and outreach events to celebrate IEEE WIE Day 2025, conducted between 23 Jun 2025 and 7 Jul, 2025 through both online and offline modes, with more than 100 student participants.



The objective of the program was to promote cyber awareness, technical excellence, leadership, and innovation, while empowering women in engineering.

The events featured eminent resource persons including Mr. S. Vikram, Subject Matter Expert, KPIT Technologies; Dr. Sripadaraja K, Manager, MEMS Applications, IntelliSense Software; and Dr. R. Narmadha, Professor and Head, Department of Mechatronics, Sathyabama Institute of Science and Technology. The program included expert talks, hands-on sessions, competitions, and seminars covering cybersecurity, embedded systems, MEMS, and authentication protocols.

The initiative enhanced technical knowledge, fostered interdisciplinary learning, problem-solving skills, and motivated students to pursue careers and leadership roles in emerging technology domains, aligning strongly with the mission of IEEE WIE.

CYBERSECURITY: The Key to a Safe and Secure Online

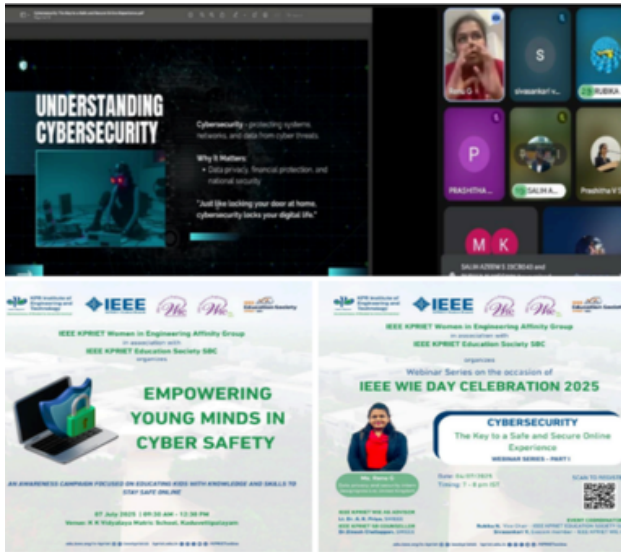
Experience AI in cybersecurity and empowering young minds in cyber safety. To commemorate IEEE Women in Engineering Day 2025, KPR Institute of Engineering and Technology organized a series of online and offline events from 4 Jul, 2025 to 7 Jul, 2025 to promote awareness of cybersecurity, artificial intelligence, and online safety, reaching over 160 participants comprising students, professionals, and school children. The resource persons for the program were Ms. Renu G, Data Privacy and Security Intern, Designingite Ltd., United Kingdom, who delivered a webinar on safe and secure online practices, and Mr. Kishore Kumar N, Entrepreneur, who spoke on the role of AI in cybersecurity.

IEEE WIE DAY-2025 CELEBRATIONS

An offline cyber safety awareness campaign was also conducted for school students at K.K. Vidyalaya Matric School. The objective of the initiative was to educate and inspire participants about cybersecurity threats, AI-driven solutions, and responsible digital behavior.

Overall, the program significantly enhanced cyber awareness, encouraged safe online practices, and motivated participants to explore emerging careers in cybersecurity and AI.

The event was conducted through an offline technical session from 10 AM to 11:30 AM, followed by an online quiz from 1 PM to 2 PM, with a total participation of 140 attendees.



Cyber Shield – Empowering Women in Cybersecurity

As part of IEEE WIE Day Celebration 2025, Sri Sairam Engineering College IEEE Women in Engineering Affinity Group, in association with the IEEE Madras Section – IEEE WIE Affinity Group, organized an awareness program titled “Cyber Shield – Empowering Women in Cybersecurity” on 3 Jul, 2025.

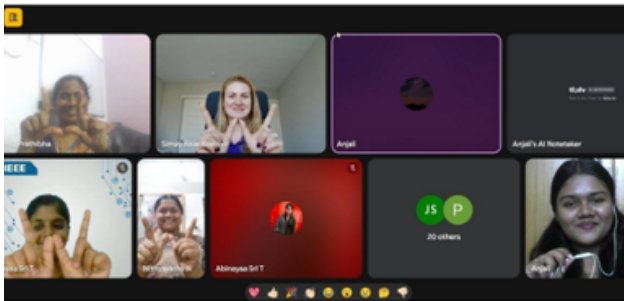
The resource persons were Mr. Dhivakar B, Senior Cybersecurity Researcher and Technical Lead, Hebesec Technologies Pvt. Ltd., and Ms. S. V. Juno Bella Gracia, Assistant Professor, Department of Information Technology, Sri Sairam Engineering College. The objective of the program was to create awareness about cybersecurity and encourage women to explore careers in the cyber domain.

The sessions highlighted real-world cyber threats, protection strategies, and career opportunities, reinforced through an interactive quiz. Overall, the event enhanced cybersecurity awareness, boosted confidence among participants, and inspired women to actively contribute to building a safer digital future.

IEEE WIE DAY-2025 CELEBRATIONS

Leading with Purpose: Women in Tech Driving Change

As part of IEEE WIE Day 2025, the IEEE Women in Engineering (WIE) Madras Section Affinity Group organized an online webinar titled “Leading with Purpose: Women in Tech Driving Change” on 2 Jul, 2025, at 5:30 PM IST via Google Meet, with participation from 35+ attendees.



The resource person for the session was Dr. Simay Akar Koehler, a global leader in renewable energy, entrepreneur, investor, and advocate for inclusive innovation. The objective of the event was to inspire women in technology through purposeful leadership and promote inclusivity in tech ecosystems. Dr. Simay shared insights on unconscious bias, leadership representation, inclusive innovation, mental well-being, mentoring, and empathy in leadership. The session included real-world reflections and actionable guidance for navigating leadership challenges. An interactive Q&A session further enriched the discussion.

Overall, the program had a strong positive impact by motivating participants to lead with clarity and purpose, and reinforcing the role of women in driving meaningful change in technology and innovation.

My IEEE Journey and the Benefits of WIE

As part of the IEEE WIE Day 2025 celebrations, the IEEE Women in Engineering (WIE) Madras Section Affinity Group organized an online webinar titled “My IEEE Journey and the Benefits of WIE” on 6 Jul, 2025, at 7:30 PM IST via Google Meet, with participation from 30+ attendees.

The resource person for the session was Ms. Vickie Ozburn, Vice Chair, MGA GUOS 2025 and IEEE WIE ILC 2025, and a global leader from Collins Aerospace. The objective of the event was to highlight the impact of IEEE WIE and encourage members to actively engage in IEEE volunteering and leadership. Ms. Vickie shared her personal IEEE journey, explained the mission of IEEE WIE, and outlined key membership benefits including mentorship, leadership opportunities, scholarships, and global networking. The session concluded with an interactive Q&A.

Overall the program inspired participants to reflect on their IEEE journey, strengthened awareness of WIE opportunities, strengthening awareness of inclusive leadership, and reinforced a strong sense of purpose, growth, and community among women in technology.



IEEE WIE DAY-2025 CELEBRATIONS

Deep Learning and Cybersecurity for Innovation and Advancement

As part of the IEEE WIE Day 2025 celebrations, the IEEE Women in Engineering Madras Section Affinity Group organized the session “Deep Learning and Cybersecurity for Innovation and Advancement” on 5 Jul, 2025, rescheduled to 7 PM IST, and conducted online via Google Meet, with participation from 30+ attendees.

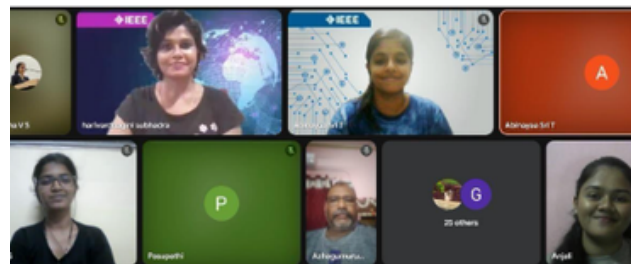


The resource person for the event was Dr. Celia Shahnaz, Professor, Department of EEE, BUET, and Chair, IEEE WIE Nominations & Appointments (2025–26). The objective of the program was to highlight the role of deep learning in enhancing cybersecurity and to encourage innovation among women in technology. Dr. Celia discussed AI-driven threat detection, anomaly recognition, predictive cyber defense, ethical AI practices, and interdisciplinary collaboration. The session concluded with an interactive Q&A. Overall, the event strengthened awareness of advanced cybersecurity solutions, promoted inclusive and ethical innovation, and motivated participants to explore interdisciplinary careers in AI and cybersecurity with a socially responsible perspective.

Virtual Violence, Real Impact: Protecting the Vulnerable Online

As part of the IEEE WIE Day 2025 celebrations, the IEEE Women in Engineering (WIE) Madras Section Affinity Group organized the session “Virtual Violence, Real Impact: Protecting the Vulnerable Online” on 3 Jul, 2025, at 8 PM IST, conducted online via Google Meet, with participation from 30+ attendees.

The resource person for the event was Dr. Harivardhagini Subhadra, R10 Representative, IEEE WIE. The objective of the program was to raise awareness on cybersecurity, online safety, and digital resilience, particularly for vulnerable groups. Dr. Subhadra discussed cyber safety, cyber ethics, mental health impacts of online violence, digital footprint management, and strategies to protect personal data. Real-world implications such as emotional distress, academic withdrawal, and online defamation were also highlighted. The session concluded with an interactive Q&A addressing practical online safety measures.



Overall, the event created strong awareness about virtual threats, promoted responsible digital behavior, and reinforced the importance of empathy, preparedness, and protection in today’s digital environment.

Jeppiaar Engineering College

The online poetry quiz **Her Verse**, held on 7 Jul, 2025, celebrated Tamil poetry through expressive recitations and meaningful interpretations by the participants. The session was enriched by insightful appreciation and reflections on literature shared by the chief guest, Dr. Manikandan, highlighting the depth and influence of poetic expression.



Florisha 2025, held on 29 Sep, 2025, marked Returning Mother's Day with a heartfelt celebration honoring women, motherhood, and resilience through reflective and creative sessions. The event featured an inspiring inaugural address by Dr. Lois Sara Joice and an engaging online session by Dr. Harivardhagini Subhadra, alongside activities that encouraged personal expression and empathy.

The day concluded with impactful cultural segments and discussions highlighting women's journeys across generations, leaving participants deeply inspired.



பெண்ணின் பயணம் – The Journey of Her Voice, held on 25 Oct, 2025 created a reflective space to celebrate womanhood, amplifying voices of courage, compassion, and empowerment. The session fostered meaningful conversations on identity, equality, leadership, and resilience through shared reflections and interactive discussions.



Emblaze Her, held on 13 Oct, 2025, was a meaningful outreach initiative that focused on spreading kindness and nourishment to the community. Volunteers actively prepared and distributed food, demonstrating empathy, teamwork, and a strong sense of social responsibility.



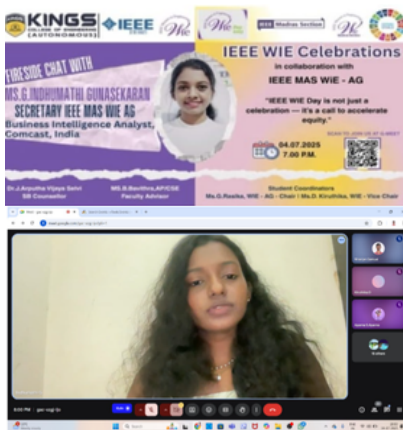
Joyniverse – The Children's Day celebration held on 14 Nov, 2025 at Anaikkum Karangal Orphanage, brought joy and warmth to the children through meaningful engagement.



The fun games, creative activities, and encouraging interactions created confidence, smiles and a sense of belonging.

Kings College of Engineering

The **Fireside Chat**, held on 4 Jul, 2025, featured an engaging discussion on leadership, career growth, workplace equity, and women’s representation in technology. The session was led by Ms. G. Indhumathi Gunasekaran, who shared her professional journey, challenges, and leadership insights.

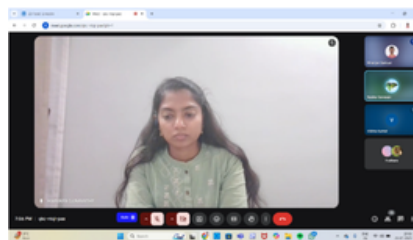


The **Outreach Visit to Adullam Home for the Aged & Awareness Session**, held on 14 Jul, 2025, focused on fostering empathy, social responsibility, and humanitarian values among students.

During this event volunteers engaged with elderly residents through meaningful interactions and conducted awareness activities, creating a warm and respectful environment.



The webinar **IEEE Funding Opportunities - EPICS & SIGHT**, held on 14 Sep, 2025, provided valuable insights into IEEE funding avenues for community-focused projects. The session was led by Ms. Abinayaa Sri T, Data Analyst at LatentView Data Analytics, who explained EPICS and SIGHT programs along with proposal writing strategies.



Webinar on **“The Sisterhood Strategy – Lead, Succeed, Support”** was organized on 23 Jul, 2025 from 7 PM to 8 PM. Ms. K. Karunya Gunavathy, CEO of Raphael Creatives, Tenkasi, served as the resource person.

This session emphasized leadership, confidence building, collaboration, and mutual support among women. The speaker shared her entrepreneurial journey for professional growth.

The story sharing session **IEEE Returning Mothers Day – “Before and After”**, held on Returning Mothers Day, reflected on the personal and professional journeys of women before and after motherhood. Participants shared heartfelt experiences, challenges, and transformations, creating an atmosphere of empathy and mutual understanding.



The International Returning Mothers Day Celebration – Session on **Work-Life Balance**, held on 30 Sep, 2025, focused on addressing the challenges faced by returning mothers. The session was delivered by Dr. Prasuna V. N. P., who shared practical insights on maintaining balance between professional and personal life.

Did You Know



One IEEE WIE connection can link you to a global network across 100+ countries.



KPR Institute of Engineering and Technology

SHEHACKS'24, was held on 23-24 Jun, 2025 at GITAM Hall brought together women coders for an intensive 24-hour offline hackathon. The event fostered a competitive, collaborative environment, empowering aspiring women technologists and promoting innovation-driven thinking.

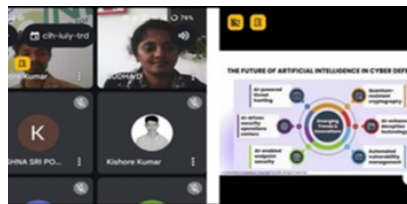


The awareness program **Empowering Young Minds in Cyber Safety**, held on 7 Jul, 2025 at K. K. Vidyalaya Matric School, focused on educating school students about safe and responsible digital behavior.



Through interactive sessions, real-life examples, and simple demonstrations, students learned about cyber threats, privacy protection, and online safety.

The webinar **AI in Cybersecurity**, was held on 5 Jul, 2025 as part of IEEE WIE Day Celebration 2025, explored emerging trends in securing digital systems using artificial intelligence. The session was led by Mr. Kishore Kumar N, who shared practical insights on AI-driven threat detection, security automation, and data protection.



The idea pitch competition **The Innovation Showcase – Pitch Your Future**, held on 19 Aug, 2025 provided a dynamic platform for students to present innovative ideas.

Participants showcased entrepreneurial thinking and communication skills while receiving constructive feedback on feasibility, technical depth, and societal impact.



The **Egg Drop Challenge 2.0**, was held on 27 Sep, 2025, engaged students in an exciting practical engineering activity.



Participants designed protective structures to prevent egg breakage, applying concepts of impact absorption, structural design, and problem-solving.

Sri Muthukumaran Institute of Technology

The offline debate forum **DEBATRIX**, held on 15 Oct, 2025, created a vibrant platform to amplify women's voices and critical thinking in the engineering landscape.



The session was guided by Mrs. K. Swathyshree, who facilitated thought-provoking debates on ethical AI and gender equity in technology.

Panimalar Engineering and College

An inspiring webinar titled **Empowering Voices: How to Be a Great Leader and Inspire Trust** held on 21 Jun, 2025 at 7 PM IST via Google Meet, as part of the SHINE Webinar Series celebrating IEEE Women in Engineering Day 2025. The session featured Mrs. Leslie Martinich, Chair of the IEEE Education Society, Central Texas Section, and Committee Member of the IEEE Education Society, who delivered a powerful talk on leadership, trust-building, and empowerment. Her engaging insights and real-world experiences motivated participants to embrace leadership with confidence, clarity, and compassion.



The event witnessed enthusiastic participation making it a memorable and impactful celebration of women's contributions to engineering and leadership. Around 50 members participated. Mr. M. Arun, AP/ECE, coordinated the event.

Webinar titled **SHINE – From Dream to Impact: A Journey of Innovation, Leadership, and Mentorship** held on 30 Jun, 2025 at 7 PM IST, as part of the SHINE Webinar Series celebrating IEEE Women in Engineering Day 2025.



The session featured Dr. Neeli R. Prasad, Treasurer – IEEE Women in Engineering, CEO & Co-Founder of Smart Avatar B.V., Netherlands, and Vice President Membership & Elected Member of the IEEE VTS Board of Governors, who delivered a powerful and insightful talk highlighting the importance of innovation, leadership, mentorship, and empowerment.

INSPIRE 2.0, sponsored by IEEE Student Professional Activities (SPAX) Committee on 11 Aug, 2025 at CSE Block 3, AV Hall. The event aimed to empower students and professionals, through leadership development, and professional networking.



Webinar on **“LLMs Behind Gen AI”** was held on 28 Sep, 2025 at 4 PM, and was delivered by Mr. Rohkith Roshan S, AI Engineer at Targetbay, who shared insights about LLMs and their significance in GenAI applications.

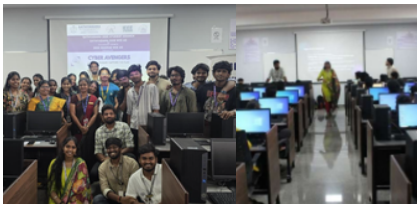
Webinar titled **Short-Circuits in Power Systems: Evolution and Mitigation** was held on 26 Sep, 2025 from 6 PM to 7 PM. Mr. Sreeram Vengayil, Sr. Software Engineer at GE Vernova Consulting Services, shared the effective mitigation strategies.



“SHE LEADS – A STEM Initiative for Women”, sponsored by IEEE TRYEngineering, on 28 Nov, 2025. The event was organized as a hands-on workshop series aimed at empowering young minds and promoting STEM awareness among women and children.

Sathyabama Institute of Science and Technology

The “**Cyber Avengers**” event, held on 2 Jul, 2025, at the DBMS Lab, provided a hands-on introduction to real-world cybersecurity through interactive Capture The Flag (CTF) challenges led by Ms. Harshitha Nukala. Participants tackled simulated attack-and-defense scenarios using a competitive platform strengthening their practical understanding of core security concepts.



The seminar “**AI Tools + Prompt Engineering,**” held on 14 Aug, 2025 at Seminar Hall-2, CSE Laboratory Block, introduced students to practical applications of AI tools and prompt engineering through live demonstrations by Mr. Joshua Israel, a Udeemy Instructor and former Cloud Infrastructure Engineer at Autodesk.



The webinar **AI in Cybersecurity**, held on 5 Jul, 2025 as part of IEEE WIE Day Celebration 2025, explored emerging trends in securing digital systems using artificial intelligence. The session was led by Mr. Kishore Kumar N, who shared practical insights on AI-driven threat detection, security automation, and data protection.



Mystic Code competition was organized on 3 Jul, 2025 at St.Paul’s Block, to strengthen participants’ problem-solving, and analytical thinking skills through a fun and interactive way.



This competition was conducted with 3 engaging rounds: technical enactment, clue-based reasoning, and image decoding. The event created an energetic learning environment that reinforced technical concepts through collaboration and active participation.

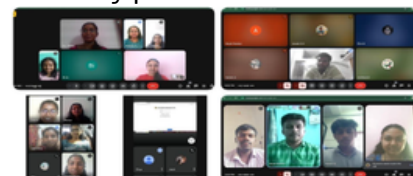


The “**Inspire and Achieve**” event, organized by IEEE WIE girls for female students on 16 Sep, 2025, at St. Pauls Block, focused on empowering girls, the session highlighted the challenges faced by women achievers worldwide and, through a blend of inspiring discussions motivated participants.



St.Xavier's Catholic College of Engineering

The 24-hour online hackathon **Hack to Secure**, held on 27-28 Jun, 2025, challenged students to develop innovative solutions under the theme of building a safer cyber space. Participants collaborated intensively on cybersecurity-focused ideas, guided by mentors and evaluated by industry professionals.

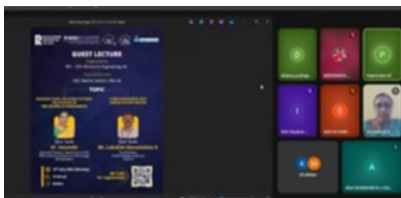


WIE Student Branch Spotlight

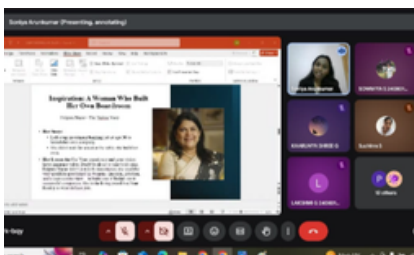
Events conducted by IEEE WIE Student Branch AG
(Jun - Dec 2025)

Rajalakshmi Engineering College

The online event, **Bridging Gaps, Building Futures**, held on 17 Oct, 2025, focused on women's leadership in STEM, cyber awareness, and career opportunities. The sessions by Dr. M. S. Vasanthi and Mr. .Lakshmi Narasimhan offered insights into inclusive leadership, cybersecurity threats, and emerging career pathways.



The webinar on **Empowering Women: From Engineering Classrooms to Management Boardrooms**, held on 17 Oct, 2025, highlighted pathways from technical education to leadership roles. The session was led by Ms. Soniya Arunkumar, who shared her journey from engineering studies to global business leadership, emphasizing adaptability and confidence.



SRM Institute of Science and Technology

The interactive panel discussion **ICSDG 2025 – SDG 5: Gender Dialogues – Youth Speak Forum**, held on 30 Oct, 2025, brought young voices together to explore gender equality and social change.



The session featured engaging dialogues with Ms. R. Vidhya Arumugam and Dr. Kavitha Nair, alongside student panelists, challenging stereotypes and perspectives on gender roles.

Sri Sivasubramania Nadar College of Engineering

WIE Connect 2025 was conducted on 31 Jul, 2025 from 1:30 PM to 3:30 PM at the CSE Seminar Hall and it was organized by Ann Thomas and Sanjay M under the supervision of Dr. E.Suganya, Faculty Coordinator. The objective of the event was to introduce IEEE WIE and its activities and projects to the undergraduate students.

A total of 83 undergraduate students attended the event. Various interesting events like Patent Pending, Tech Taboo, and Networking Bingo helped in generating technological ideas, communication, team building, and networking.



The **“Path to Publication – A Guide for Student Researchers”** event was conducted online on 7 Dec, 2025. The session was held from 7 PM to 8 PM. The event featured Ms. Pooja Premnath, an SSN alumna, Project Intern at IIT Madras. Drawing from her experience in computer vision and multimodal learning, she provided valuable insights into research methodologies, paper writing, and publication strategies.



St. Joseph's College of Engineering

The online literary event **Women I Wonder – Verses for Her**, held from 24–25 Jun, 2025, invited participants to honor inspiring women through heartfelt poetry. Original verses reflecting courage, resilience, and grace were shared, creating a space for emotional expression and reflection.



The virtual session **ShePreneur Summit '25 – Entrepreneurship: From Idea to Execution**, held on 19 Dec, 2025, guided aspiring innovators on transforming ideas into viable ventures. The session was led by Ms. Akshaya Suresh, who shared practical insights on entrepreneurial mindset, execution strategies, and overcoming early-stage challenges.



The outreach program **CYBERWISE – Empowering Women**, held on 4 Jul, 2025, focused on strengthening cyber safety awareness and responsible digital practices among school girls. The session, led by Ms. Indhumathi Gunasekaran, addressed digital threats and safe online behavior through practical and engaging discussions.

The virtual session **Rise & Shine: How Women Entrepreneurs are Rewriting the Rules of Success**, held on 26 Dec, 2025, explored women-centric perspectives on entrepreneurship and leadership.



The session was led by Ms. Kamalika Krishmy, who shared insights on resilience, adaptability, personal branding, mentorship, and purpose-driven ventures.

Sri Sai Ram Institute of Technology

The wellness session **REVITALIZE – A Day of Fun and Fitness**, held on 29 Sep, 2025, promoted women's physical and mental well-being through engaging fitness and health discussions. The session was led by Dr. Jyothi, who shared practical insights on nutrition, fitness routines, stress management, and balanced lifestyles.



The poster design event **Women Envision: She Creates, She Innovates, She Leads**, held on 10 Oct, 2025, celebrated women's creativity, leadership, and innovation through artistic expression.



Participants showcased posters across themes such as rural innovation, and future-focused leadership.

Sri Sairam Engineering College

Introduction to **Google Colab & Python Basics** – A Hands-On Coding Session for Beginners was conducted on 14 Oct, 2025 led by Dr. B. Meenakshi and Dr. P. Shanmugapriya, the session introduced Python fundamentals and the Google Colab platform. Participants learned key concepts such as variables, data types, loops, and functions through guided hands-on exercises.



Project Expo: Elevora – IEEE Day 2025 was held on 7 Oct, 2025. The expo showcased innovative, application-oriented student projects. Participants displayed strong creativity and technical skills, while expert judges provided valuable feedback. The event promoted interdisciplinary learning, technical excellence, and practical problem-solving.



Cyber Shield: Empowering Women in Cybersecurity was conducted on 3 Jul, 2025. The program raised awareness on cybersecurity and highlighted women's roles in the cyber domain. Expert talks provided insights into cyber threats, safety practices, and career opportunities. An engaging online quiz with prizes and e-certificates added a competitive learning element, making the event both informative and inspiring.



Revitalize – Nutrients and Fitness was organized on 29 Sep, 2025. As part of Fitness Week, Dt. Jyothi from Pink Women Fitness & Weight Loss, Chennai, delivered an engaging session on nutrition and wellness. The talk highlighted balanced diet, hydration, fitness routines, and stress management with practical tips for daily life.

Join the Movement

IEEE Women in Engineering (WIE) is a global network that inspires, engages, and advances women in technology at all stages of their careers.

It promotes diversity, leadership, and innovation through mentoring, technical activities, and professional development programs worldwide.

Empower Your Journey in Engineering

Scan to explore IEEE WIE



Scan to join IEEE WIE





Winning the IEEE WIE Inspiring Member of the year Award, IEEE Pro WIE Outstanding Volunteer Award and others, are not just a personal milestone, it's a reminder of the power of purpose-driven volunteering. To the next generation of volunteers: believe in your ideas, lead with empathy, and never underestimate the impact of showing up consistently. Your passion can inspire change far beyond what you imagine. Keep volunteering, keep dreaming, and keep lifting others as you rise every time.

Ms. Pooja Sharma

IEEE MAS WIE has been more than just a professional community to me, it has been a journey of self-discovery and growth. The mentorship, experiences, and opportunities I shaped not only my skills, but also my confidence and perspective as an individual. My volunteering journey beyond college began as a Student Coordinator for IEEE WIE MAS, where I rediscovered the meaning of service, leadership, and community impact. Being surrounded by passionate, supportive individuals pushed me to believe in myself, embrace challenges, and grow beyond my comfort zone. IEEE MAS WIE definitely gave me a voice and memories that will stay with me for a lifetime.



Ms. Nanditha Kalyanasundaram



My WIE journey began in 2022 as a student volunteer organizing an inauguration, which slowly grew into a life-shaping experience. Celebrating our first IEEE WIE Day and conducting foldscope workshops in schools sparked curiosity in young minds and inspired me deeply. Joining IEEE WIE Madras Section expanded my impact beyond campus into larger community initiatives. I organized IEEE AeroSTEM, empowering pre-university girls. IEEE STEM4HEM in a rural Nilgiris tribal school taught me that true learning needs curiosity, not devices. WIE transformed me into a confident, purpose-driven leader where impact begins with one small step.

Mr. Kumaran Gandhi

IEEE Women in Engineering has been a transformative part of my college journey, shaping my leadership and confidence. Serving as Chairperson of IEEE WIE St. Joseph's College of Engineering in 2024 encouraged me to lead with purpose. Through organizing events and leading teams, I learned responsibility, teamwork, and perseverance beyond academics. Interacting with inspiring women from diverse backgrounds motivated me to believe in my potential and embrace growth. Receiving the IEEE Outstanding WIE Student Volunteer Award reaffirmed my belief in consistent effort and community-driven leadership.



Ms. Aiswarya T S

Celebrating Excellence

WIE and Humanitarian Awardees - Professional Members



Dr. Soma Prathibha has won the IEEE Humanitarian - Bozenna Pasik 2025 Runner Up Award



Ms. Pooja Sharma



Mr. Kumaran Gandhi



Mr. Abdul Halik M I



Ms. Nanditha Kalyanasundaram



Ms. Pooja Sharma



Dr. Soma Prathibha



Ms. Indhumathi Gunasekaran



Ms. Abinaya Sri



Celebrating Excellence

WIE Awardees - Student Members



IEEE India Council Awards 2025



Ms.Sanchana L
St. Joseph's College of Engineering



Ms.Sinduja B
St. Joseph's College of Engineering

IEEE R10 WIE Outstanding Student Volunteer Award 2025



Ms.Indhumathi V
KPR Institute of Engineering and
Technology





One Click Too Far The Journey of Veera

By
Evangeline A
Karthikeyan K B

Jeppiaar Engineering College



One Click Too Far – The Journey of Veera

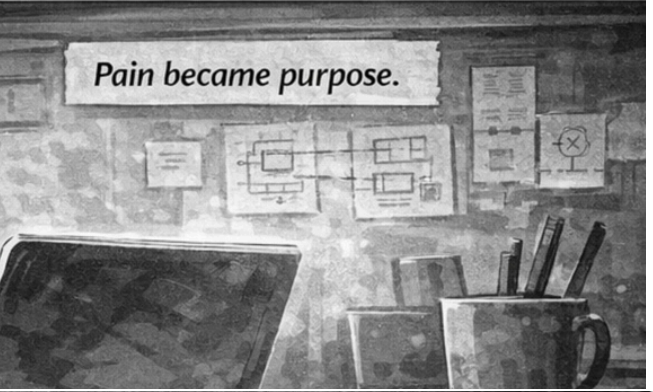


Creative Corner

Best Manga Stories of "Veera Manga" Contest



If only someone had warned them...



Pain became purpose.



Ethical engineering for the protection of others.



Technology guided by empathy saves lives.



Creative Corner

Best Manga Stories of "Veera Manga" Contest



“The Hours Between Classes”
 Student Life & Struggle

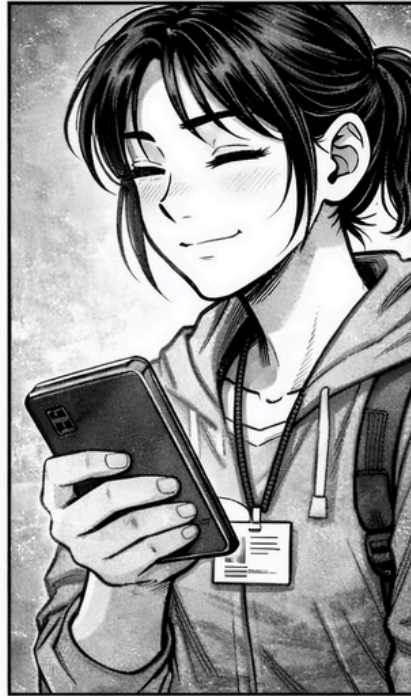


By
 Tharani.M

St. Joseph’s College of Engineering







Innovation didn't change the world that day. But it changed someone's night.



Cyber Shields: Veera's Journey Digital Protector

By
Anuvarsha J, Ariya Sree, Jenisha,
Anunitha, Fathima
St.Xavier's Catholic College of
Engineering

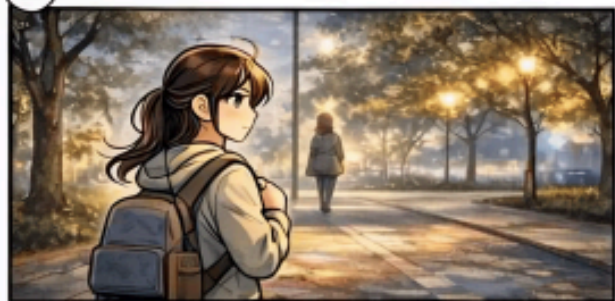


1



Veera, a college student, noticed a concerning problem...

2



A woman checks behind her while travelling alone at night.

Creative Corner

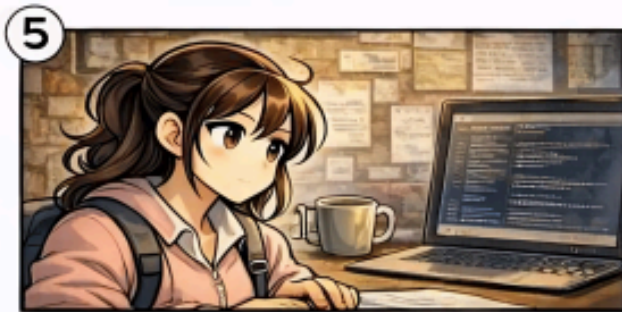
Best Manga Stories of "Veera Manga" Contest



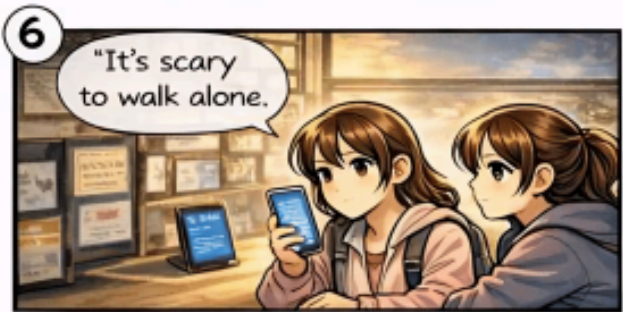
3 Women often seem worried when travelling alone at night...



4 Women often feel unsafe while walking alone at night.



5 Veera remembers news stories about women's safety...



6 Veera and her friend discuss the issue.



7 Veera recalls disturbing news and safety warnings.



8 "Why should women feel afraid? There must be a solution."



1 Determined to help, Veera began working on a solution.



2 She sketched a smart safety app that could send emergency alerts and share live location.

3



Late nights were filled with coding and studying.

4



Women often feel unsafe while walking alone at night.

5



After much effort, Veera successfully completed a safety app.

6



Women now use the app confidently while travelling.

7



Veera felt proud to see others

8



When technology is created with care,

What's Next?

- DataWIE 2026 - "Shaping Tomorrow with Data-Driven Minds"
- IEEE WIE Madras Section AG Webinar Series commemorating International Women's Day
- IEEE WIE DAY 2026 Celebrations on the theme "Technology with purpose: Innovate Responsibly, Inspire Globally, Lead with Integrity"
- STEM Reach: Empowering School Children
- Connecting The Dots 5.0

IEEE WOMEN IN ENGINEERING AFFINITY GROUP MADRAS SECTION

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