











IEEE India Council

11-09-2025, 09:00 AM CLW2025





About India Council

Dr. Prerna Gaur Chair, IEEE India Council



Dr. Prerna Gaur



About India Council

EEE INDIA COUNCIL

Dr. Prerna Gaur

- Umbrella organization which coordinates IEEE activities in India
- Primary aim is to assist and coordinate the activities of local "Sections"
- Three exciting initiatives launched this year IEEE Ethics Committee, IEEE
 History Committee, IEEE Entrepreneurial Activities Committee
- Key priority for this year will be to bridge the gaps between academia and industry
- Subcommittees are formed to ensure remarkable outcomes



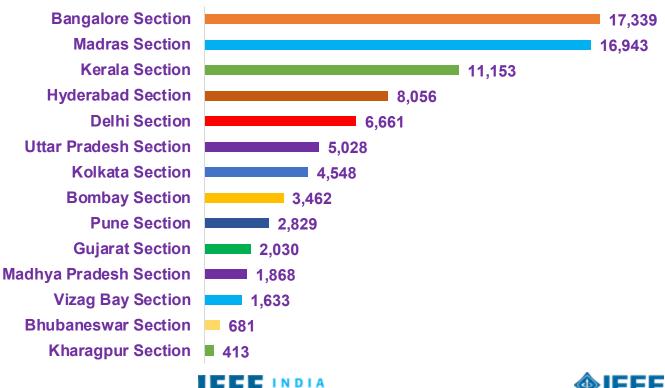


Section wise Membership Count

Membership Count

14 – Sections



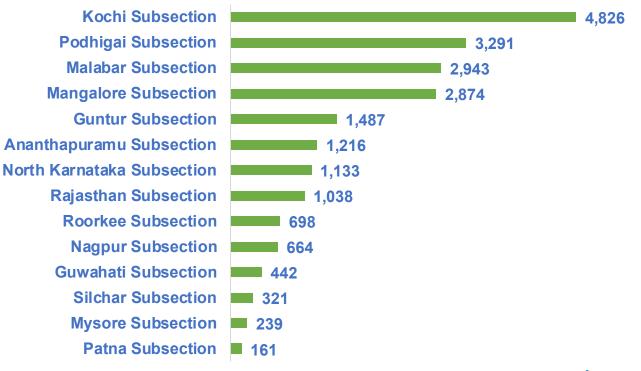




Subsections

Membership Count





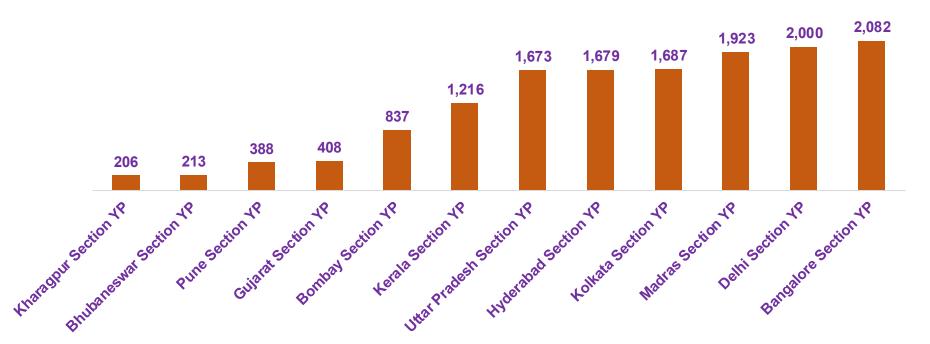




India Council YP AGs

YP Membership Count

■ YP Membership Count



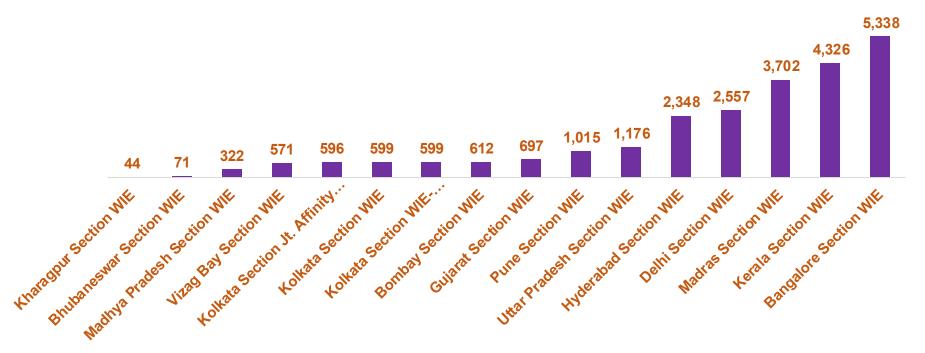




India Council YP AGs

WIE Membership Count

■ WIE Membership Count











Nandan S, Secretary



- Coordinate & Support Activities of 14 Sections and
 14 Subsections
- 108 activities reported so far

Events Reported in vTools







Nandan S

Our flagship conferences...



IEEE India Council Subsections Conference

Host	Rourkela Subsection (NIT Rourkela)
Edition	Sixth (6 th)
Date	21-23 August, 2025
Count	3570 papers received



Host	Bangalore Section (IIIT Bangalore)
Edition	Twenty Second (22 nd)
Date	18-20 December, 2025
Count	100+ received so far





Nandan S



All India Students Young Professionals Women In Engineering Life Members Congress

IEEE Gujarat Section

Adani University & Nirma University

31st Oct - 2nd Nov, 2025





AWARDS

Awards



Dedicated Awards Portal – from 10th Sep



Webinar on India Council
Award

Life Time Achievement Awards

- for Council Chairs
- for Section/Subsection Chairs

Technology Awards

- Technologist of the Year
- · Woman Technologist of the Year
- Technology Start-up Award

Volunteer Awards

SB Awards

SHRI PRALHAD P. CHHABRIA AWARDS PGCIL-IEEE IC Award for Excellence in Power Sector

M V Chauhan Student Paper Contest







Webinar on "SLM for Automotive Functional Safety"

Outcome-Based Education Workshop (Feb)

Educational Activities

Webinar: IEEE Data Port – Exploring Research Data Management & Sharing

Data Privacy and Digital Rights in the Modern Era (Apr)

Neurons in Silicon (May)

Augmented Reality (AR) and Virtual Reality (VR) in Training and Education (Jun)

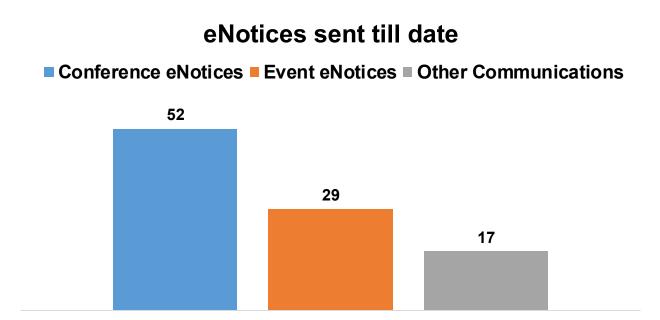
• Integrating IEEE Standards Education into the Classroom (Jul)







sNotices sent from India Council









Ethics Committee

India Council Ethics
Power Leader
Program 2025



Mandates
all Office
Bearers of
all Sections
and Subsections of
India
Council

Online assessment

Score >70%
- Ethics
Power
Leader





Humanitarian Technology Activities

1

Webinar on "Technology Empowering Humanity for a Sustainable Future" 2

Webinar on "Insights on Project Planning and Proposal Writing"

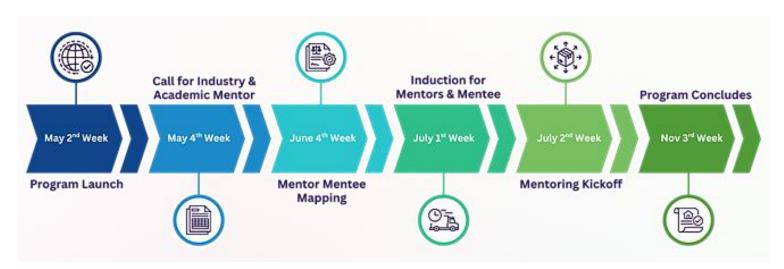




Industry Relations Activities

IEEE IC Industry Academia Young Professionals Committee 2025 (IAYPC)

MENTORING PROGRAM







Life Member Affinity Group

Formed in 2023 and headed by Sri. Koruthu Varughese, Kerala Section

► IEEE India Council LMAG project entitled: " JIGYASA -- IGNITING YOUNG MINDS IN ELECTRONICS DESIGN" has been awarded surplus funding by the MGA Board at the June

Board Series





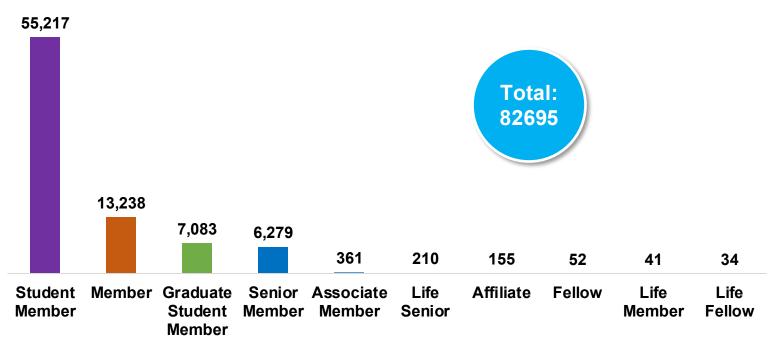






Membership Development Activities

India Council Membership Count







Membership Development Activities





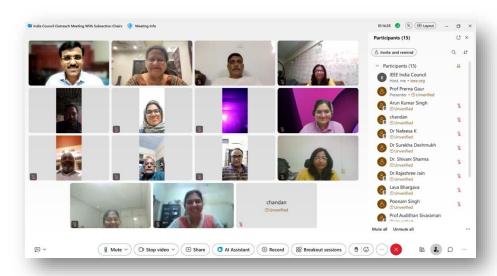






Outreach

Primary objective - Reach out to Subsections

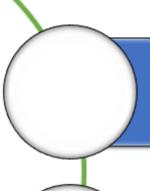




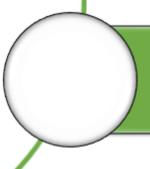




Professional Activities



"Career opportunities for Future networking and communication professionals" by Prof Hemanth, Principal Scientist & Distinguished Engineer at TCS Research



"Strategies and Tools to Accelerate Early Career Growth" by Dr. Brojo Kishore Mishra, Professor and Head (CSE), NIST University





Sister Society Coordination

MOUs



Indian Society for Technical Education



The Institution of Engineers (India) – IEI

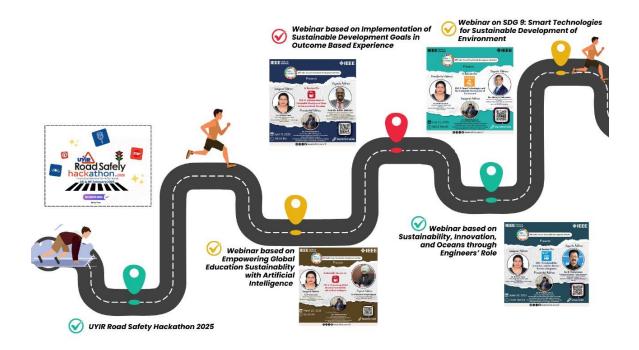


The Institution of Electronics and Telecommunication Engineers





Sustainable Development Activities (SDA)







Young Professionals



IEEE R10 YP Nexus Meetup







MOVE India











Newsletter







History Committee

- Golden Jubilee celebrations 23rd July at Hotel Renai, Kochi, 25th July in Delhi
- In the process of identifying potential IEEE milestones in India













India Council – WIE Initiatives



India Council – WIE Initiatives

Dr. Rajashree Jain

- 23000+ WIE members under India Council with Bangalore as the largest at 5000Plus members
- WIE AG at IC level acts as an umbrella body for the WIE AGs of section and Student Branches.
- Runs a number of initiatives to engage member/non members in association with Section WIE and other OUs, Industry collaborators, Community collaborators
- Workshops, Inspirational stories, Guest sessions, Special tracks, and Leadership summits
- Recognizes and celebrates WIE member achievements
- Awards and Scholarships Section Level, Council level, Region and Global WIE awards.





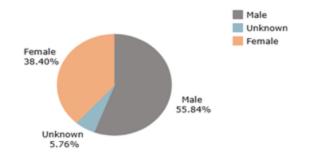


India Council – WIE Initiatives - Member stats

Dr. Rajashree Jain

Section Wise	Count of IEEE Status
Bangalore Section	5337
Kerala Section	4320
Madras Section	3673
Delhi Section	2554
Hyderabad Section	2344
Uttar Pradesh Section	1176
Pune Section	1014
Gujarat Section	696
Bombay Section	607
Kolkata Section	595
Vizag Bay Section	571
Madhya Pradesh Section	321
Bhubaneswar Section	71
Kharagpur Section	44
Nepal Section	7
Oman Section	2
Benelux Section	1
Denmark Section	1
San Diego Section	1
Grand Total	23335

Member Grade	Count of IEEE Status
Associate Member	42
Fellow	1
Graduate Student Member	1438
Individual	2
Life Senior	5
Member	1192
Senior Member	431
Student Member	20224
G Count by Gender	23335









Women In Engineering

Events conducted from April to June

Dr. Ashwini Appaji

- ▶ IEEE India Council WIE One Day Program: Empowering Women Engineers: Strengthening Collaboration : 18.4.2025
- Webinar on : The Rise & Rise of Biometrics: Date : 27.5.2025
- **Empowering Voices: How to Be a Great Leader and Inspire Trust:** 21.6.25
- Yoga Day celebration: 22.6.25
- Women In Engineering Day Celebration: 23.6.25
- Panel Discussion on "Cybersecurity Reimagined: Innovating with Insight and Illumination: 27.6.2025
- > STEM-SDG workshop for High School students on Occasion of Women in Engineering Day :30.6.25

• Webinar on From Dream to Impact: A Journey of Innovation, Leadership, and Mentorship: 30.6.25















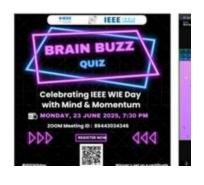






India Council – WIE Initiatives -Glimpses





















India Council – WIE ILS -Glimpses





IEEE WIE ILS Bangalore 2019 | IEEE Region 10 Women In Engineering



International Leadership Summit (ILS'24), IIC New





IEEE WIE International Leadership Summit 2025 | Lead with Purpose | Kerala



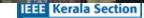


India Council - WIE Initiatives -Glimp









India Council – WIE Initiatives -Shri PPC Awards



•MoU with IEEE India Council, WIE AG Pune Section and Hope Foundation and Research, Pune.

Since 2018: 7 years, 2478 Applications till date, 25 plus awardees; Approx INR 55 Lacks

Award Category

- •1. Best Woman Professional Winner & Runner Up -INR 1.25 Lacks and INR 50K
- •2. Best Outgoing Student Winner & Runner Up-INR 1.25 Lacks and INR 50K

EEE INDIA





India Council – SAC Initiatives



India Council – SAC Initiatives

Vision-India Council

The IEEE India Council vision is to create a collaborative environment to transform India into a technological innovation hub. It is based on continuous learning, geographical integration across communities, bridging the world of academia and industry, and promoting innovation and entrepreneurship—enabling a future-ready, globally competitive India.

IEEE INDIA

Face2Face Event

About SAC

The IEEE India Council Student Activities Committee (SAC) leads student outreach and development nationwide. SAC is aware of student needs—e.g., skill building and networking—and offers focused, high-impact programs. As a bridge between the council vision and the student population, SAC ensures every program offers real value and contributes to the development of the next generation of engineering leadership.







India Council - SAC Sub Committee



Dr. Anuradha Tomar Vice Chair, SAC India Council Treasurer, IEEE PES-IAS Delhi Chapter Chair, MDC (Ad Hoc), IEEE PES-IAS Delhi Chapter



Dr. Elizabeth Rita Samuel Member, IC SAC Sub-Committee Treasurer, IEEE Kochi Subsection



Dr. Sree Lakshmi Member, India Council SAC Sub-Committee



Dr. Abhishek Appaji Member, IC SAC Sub-Committee Treasurer, IEEE EdSoc



Member, India Council SAC **Sub-Committee**



Dr. S Brindha Chair, SAC IEEE Madras Section Member, IC SAC Sub-Committee

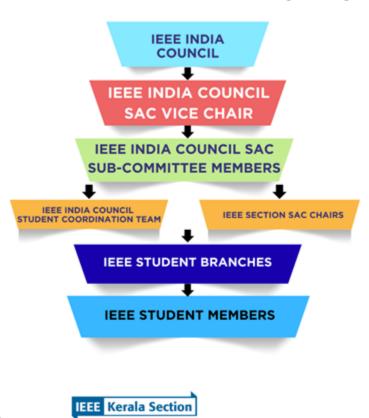


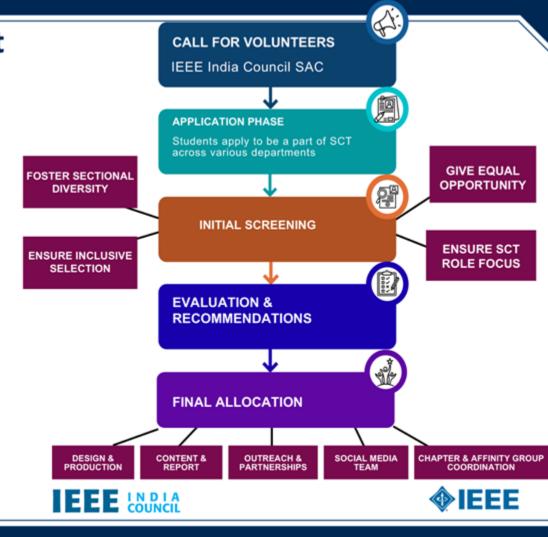






India Council SAC – Student Coordination Team (SCT)





The 'Why': Identifying the Core Challenges

Aiming for cohesive strategy- Unified approach

The Inspiration Gap

A disconnect between academic theory and real-world professional journeys. Students need to see the path of success to believe in it.

The Skills Gap

A need for practical, hands-on experience with the latest technologies and tools that the industries demand.

The Community Gap

Students often work in isolation. They need a larger, pan-india network for collaboration, peer-learning and creating a unified identity.

- Ask Me Talk Series
- Lectures on Leadership
- Career Guidance and Awareness Sessions
- Speaker Journeys
- WISE (Webinar for Innovation, Skills and Excellence) Series
- Hands-On IoT Workshops
- Workshops for Data Science
- Foundation Day Celebrations
- F2F SAC Meetings
- Inter Section Flagship Events (UPSYC, KITES)
- Inter Section Symposiums

IEEE INDIA

Launching Soon- Aug. CONNECT

For Student Chairs from Inactive SBs

> All India Student-Young Professional-Women In Engineering-Life Members Congress (AISWYLC)





STUDENT

MEMBER

The Flagship of Community: All India Student-Young Professional-Women In Engineering-Life Members Congress (AISWYLC)

- IEEE India Council's Flagship Event: Unites thousands of Students, YPs, WIE, and Life Members into one vibrant national community annually.
- Legacy of Connection: Originated as AISC in 2000; over two decades of connecting bright minds across India.
- More than Networking: Bridging the community gap requires a lasting tradition—AISYWLC is that tradition.
- Looking Ahead: AISYWLC 2025 at Adami University and Nirma University (IEEE Gujarat Section) continues the legacy of collaboration and excellence.

WHY AISYWLC

- Ignites Innovation & Leadership
- Boosts Pan-India Collaboration
- Builds a Strong Community Tradition

















ASK ME Talk Series: The Why

- Builds community and provides inspiration through interactive talks with esteemed IEEE leaders.
- The inaugural session successfully engaged nearly 100 participants, showing significant community interest in its mission.

WISE Series: The How

- Directly follows up on "ASK ME" by showing students how to build and apply the skills discussed.
- Provides practical, hands-on training with live demonstrations of helpful AI tools like Grok, Blackbox, and DeepSeek to increase productivity.

Step 1: Igniting The Spark



- A platform for candid conversations with industry leaders and successful alumni
- Focuses on Real-Life Journeys, leadership development, and the value of IEEE Membership.

Result: Inspired students with a clear vision.

Step 2: Building The Skills



WISE Series

(Webinar for Innovation, Skills, and Excellence)

- Specifically Designed to help students learn and apply the skills they hear about in the Ask Me Talk Series.
- Provides practical, handson training with the modern Al tools to increase productivity and build world class projects.

Result: Empowered Students with practical, resume-worthy projects

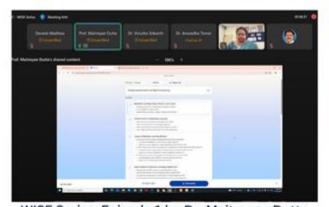
But Inspiration

Requires Action..





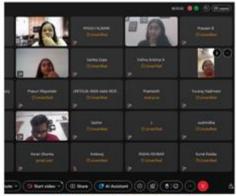




WISE Series: Episode 1 by Dr. Maiteyree Dutta



Ask Me Talk Series: Episode 1 by Rohit Joseph Matthew



WISE: E1 by Dr. Maiteyree Dutta



WISE Series: Episode 2 by Dr. Anjali Diwan



Ask Me Talk Series: Episode 3 by Mr. Arun M





IEEE Kerala Section





0080

condensed

IEEE Kerala Section

















SAC Chairs from various sections



Group activity conducted during the event







Offline & Online SAC Meet up

Together We Learn







Foundational Pillars of the Solution: Intersection activities



SCT Orientation 2025











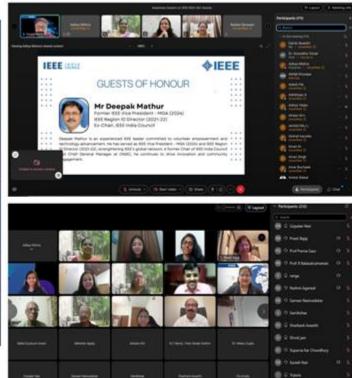






Foundational Pillars of the Solution: Intersection activities











The Hub of New Ideas: Hackathons & IoT Workshops

To bridge the **final gap from theory to application**, the Student Activities Committee focuses on **two key practical pillars**: competitive innovation through **hackathons** and deep-dive learning in **specialized workshops**.

To build deep technical skills, SAC promotes targeted, hands-on workshops, like the recent three-day session on Smart Sensing Technologies at NSUT (July 15-17, 2025). These events provide students with crucial, practical experience in high-demand fields like loT, making them truly industry-ready.





Hackathons are the most direct expression of the council's vision to Foster Innovation and Entrepreneurship. They create a vibrant ecosystem where students can take risks, build groundbreaking projects, and bridge the gap between academic theory and industry practice, proving their Technological Excellence.









Summary of the Initiatives Taken

The Inspiration Gap	The Skills Gap	The Community Gap
Ask me Talk Series	Webinar for Innovation, Skills and Excellence (WISE) Series	Face2Face SAC Meetings & Online meet-up
A Talk on My Journey to a Core Company	3-day Smart IoT Workshop	IEEE Students Meet & Greet Delhi and Bhubaneshwar Section
Career Guidance and Awareness Session	5 Days Hands-on-STTP – HARDWARE IN THE LOOP	IEEE MGA SAC Awards Webinar
Expert Talk on Recent trends in Al and Data Science	Hackathon	IEEE Foundation Day Celebration
Distinguished Lecture on Leadership	3-Day Workshop on Python for Data Science	Inter Section Flagship Events (eg. UPSYC, KITES, etc)
	Workshop on Hands on Training Session on Solar PV System Design using PVSyst Software	IEEE Day and Foundation Day Celebrations
	PCB Designing & Fabrication Workshop	Inter Section Symposiums
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