Volume 8 Issue 2

IEI Newsletter
Students' Chapters

April 2026

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Session 2025-26

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From the Chairman's Desk.....



Er A Sekar, FIE
Chairman,
All India Students' Committee (AISC)

The rapid advancement of Artificial Intelligence (AI) is transforming the field of telecommunication and information transfer in unprecedented ways. AI-driven technologies are enhancing network efficiency, improving communication reliability, and enabling faster, smarter, and more secure data exchange across the globe.

India is witnessing a remarkable transformation in the field of telecommunication and information transfer through the advancement of Artificial Intelligence (AI). As one of the world's fastest-growing digital economies, India is embracing AI-driven technologies to strengthen communication networks, enhance digital connectivity, and accelerate innovation across industries.

Engineers play a vital role in this technological revolution. Their innovation, technical expertise, and commitment are driving the development of intelligent communication systems and modern telecommunication infrastructure. From designing advanced AI algorithms and optimizing network performance to ensuring cyber security and developing sustainable digital solutions, engineers are shaping the future of communication in India. Their contribution is essential in building reliable, efficient, and secure systems that support economic growth and societal progress.

The integration of AI into India's telecom sector is improving network management, enabling faster data transmission, reducing service disruptions, and enhancing cyber security. With the expansion of 5G technology, smart infrastructure, and digital services, AI is playing a crucial role in connecting millions of people across urban and rural regions alike.

Government initiatives such as Digital India, the rapid growth of smart cities, and increasing investments in AI research and development are creating new opportunities for technological advancement. AI-powered communication systems, intelligent automation, language translation tools, and real-time data analytics are helping bridge the digital divide and making information more accessible throughout the country.

India's talented youth, growing startup ecosystem, and strong IT capabilities position the nation as a global leader in AI-enabled telecommunications and information technology. As we move forward, it is essential to promote responsible AI adoption, ensure data privacy, and encourage innovation that benefits society as a whole.

Therefore, I on behalf of AISC request all Students' Chapters to organize the technical activities on these areas to make the budding engineering students discuss various aspects of Engineering and remain committed to supporting technological progress that empowers people, strengthens communication infrastructure, and contributes to India's vision of becoming a digitally advanced and globally connected nation.

Fifth Regional Conclave of Students' Chapters for Northern Region

Fifth Regional Conclave of Students' Chapters for Northern Region on the theme 'Responsible AI for Social Good' held during 3–4 April 2026 at College of Technology and Engineering, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan. The Chief Guest of this inaugural session was Dr Pratap Singh, Honorable Vice Chancellor, MPUAT, Udaipur. Total five Keynote lectures before each technical session. Total Five Technical sessions of accepted papers and poster presentation were presented.



Lighting of the lamp during the inaugural session



View of the dias

Fifth Regional Conclave of IEI Students' Chapter for Eastern Region

Fifth Regional Conclave of IEI Students' Chapter for Eastern Region was organized on the Theme 'Tech for Rural Development and Agricultural Tech' by Department of Civil Engineering, Ghani Khan Choudhury Institute of Engineering and Technology (GKCIET), Malda during 30–31 March 2026. The conclave hosted 07 invited technical talks. The event included many formal paper presentations and student project presentations.



Dignitaries during the inaugural session



View of the participants

Fifth Regional Conclave of Students' Chapters for Western Region

Fifth Western Regional Conclave of IEI Students' Chapters for Western Region on the theme 'Startups, Innovation & Industry Synergy' held during 10–11 April 2026 was hosed by AISSMS College of Engineering, Pune. The Chief Guest Rajan Kumar Shrivastav, General Manager, Bank of Baroda emphasized the role of financial institutions in the startup ecosystem. Dr. Arvind Shaligram, CEO, SPPU Research Park Foundation focused on building innovation cultures within academic institutions and technology commercialization strategies. Mr K. P. Singh, Founder & MD, IMFS Mumbai discussed global career pathways, urging students to become "job creators" with an international innovation mindset. The conclave featured 11 major activities, including Startup Pitching, Hackathons, Robo Soccer, and Business Model Canvas competitions.



View of the dias



View of the participants

Fifth Regional Conclave of IEI Students' Chapter for Southern Region

The Fifth Regional Conclave of Students' Chapter for the Southern Region was successfully organized by Sathyabama Institute of Science and Technology during 7-8 April 2026 on the theme 'Engineering Resilience: Technology, Environment and Society'. The two-day event attracted many student participants along with academicians and industry experts. The conclave featured a diverse array of technical activities designed to foster innovation and professional growth:

A Paper Presentation competition was held in both offline and online formats, allowing students to showcase research in areas like AI and sustainable technologies. Additionally, a Model Exhibition held at the Embedded Systems Lab provided a platform for demonstrating working prototypes in robotics, IoT, and renewable energy. A high-level panel discussion featuring experts from Indian Oil, Intel India, and EPMCR provided participants with real-world perspectives on digital transformation and future career skills. The event concluded with a Valedictory Session featuring prize distribution and certificate ceremonies to recognize outstanding engineering talent. Overall, the conclave served as a vital platform for knowledge exchange and reinforcing the role of resilient engineering in societal development.



View of dias during inaugural session



Lighting of the lamp ceremony during inauguration

Western Zone

AISSMS College of Engineering, Pune (Maharashtra)

The IEI Student Chapter of Department of Electronics and Communication Engineering organized the Study Abroad Counseling Day – 2026 on 08 April 2026 and Webinar: 'Hack Your Career – Hackathon Way' on 09 April 2026, Technical visit to the Solar Photovoltaic (PV) Power Station on 22 April 2026, a Virtual Labs (VLabs) activity on Power Devices and Circuits (PDC), Awareness on 'Renewable Energy' and Technical Visit to Solar PV Power Station on 22 April 2026, Awareness Session on 'E-Waste Management' on 23 April 2026.A technical activity on the theme 'Global Education University Connect – 2026' was successfully organized on 24 April 2026.





Glimpses of the event

Amrutvahini College of Engineering, Sangamner (Maharashtra)

The IEI Student Chapter of Department of Automation and Robotics Engineering organized Guest lecture titled 'Principles of Modeling and Simulation' on 31 March 2026.

BVM Engineering College, Anand (Gujarat)

The IEI Student Chapter of Department of Civil Engineering organized Technical Site Field Visit to Vehrakhadi on 11 March 2026, Webinar on 'Introduction And Application Of Primavera' on 12 and 13 March 2026, 'Value Engineering in Residential Projects' on 11 March 2026, 'Beyond the Green Screen Integrating Performance Metrics with Health, Equity, and Human Experience' on 09 March 2026, Webinar on 'Additive Manufacturing in Construction: State-of-the-Art 3D Concrete Printing' on 05 March 2026, Webinar on 'Integration Revit to Microsoft Project for Construction Project Management on 01 March 2026, Webinar on 'Literature review using Litmaps' on 27 February 2026 and Webinar on 'How to Prepare for the PMP Certification' on 24 February 2026.





Glimpses of the event

Dr. D. Y. Patil Institute of Technology, Pune (Maharashtra)

The IEI Student Chapter of Department of Electronics and Telecommunication Engineering, organized a Guest Lecture on 'Mobile Computing Strategies and Optical Fiber Communication Recent Trends – Complementary vs Supplementary' on 18th March 2026, Expert Session on 'Next-Gen Cybersecurity: Leveraging AI for Threat Detection and Prevention' on 23 March 2026, 'Data Science in Real World: Tools, Trends and Career' on 25 March 2026, 'Technical Demonstration of Automation & Robotics using IoT' on 26 February 2026, Expert Session on 'Multidisciplinary Project Development' and Expert Session on 'The Financial Services Blueprint: A Guide for Engineering Student' on 17 February 2026, Interactive Session on 'Enhancing Technical Expertise Through Group Discussion and Knowledge Sharing' on 25 February 2026, Expert Session on 'IoT Applications and Sensor Interfacing for Smart

and Connected Systems' on 17 March 2026, 'Financial Statements for Real-World Applications and :Optical System In Underwater Domain' on 25 March 2026, Technical Session on 'TE & BE Projects : Innovation & Scope' on 21 April 2026, Industrial Visit at Techtrol Pvt. Ltd. Pune on 16 April 2026, Expert session on 'Recent Trends in Communication Engineering' on 17 April 2026, 'Introduction to Stock market for beginners' on 10 April 2026, Seminar on 'Investment options in India SIP, Mutual funds' on 15 April 2026, Technical session on 'Project management and Cloud Computing' on 17 April 2026, Expert Session on 'Signals &amp, Systems applications in IoT' on 09 April 2026, Webinar on 'Evolving Demands &amp, Industry Scenario of latest Cellular Network' on 11 April 2026, Expert Session on 'AI-based predictive maintenance using IoT Sensors' on 17 April 2026 and Industrial Visit at BSNL on 08 April 2026.





View of the dias and speaker of the events

G. H. Raisoni College of Engineering, Nagpur (Maharashtra)

The IEI Student Chapter of Mechanical and Cyber Security Department was inaugurated on 13 April 2026' and Expert Session on 'Journey Towards IEI Students Chapters Award' was organized.



Participants during the seminar

Government Engineering College, Modasa (Gujarat)

The IEI Student Chapter of Department of Civil and Mechanical was inaugurated on 18 March 2026 and Seminar on 'The Urgent Need for Water Treatment in the Modern World' was organized on the same day.



View of the dias

Nutan Maharashtra Institute of Engineering & Technology, Pune (Maharashtra)

The IEI Student Chapter of Department of Electronics and Telecommunication Engineering was inaugurated on 17 March 2026, One-Day 'IoT Hands-on Workshop' on 17 March 2026 and Two-Day Workshop on 'Modern IoT: Theory & Practices during 24- 25 March 2026.

Thakur College of Engineering and Technology, Mumbai (Maharashtra)

The IEI Student Chapter organized Preconference Workshop on 'Hands-On Vega IoT' during 10 -12 March 2026 and a Guest Lecture on 'AI & Emotional Tone' on 10 April 2026.





View of speaker and participants during the event

Rajarshi Shahu College of Engineering, Pune (Maharashtra)

The IEI Student Chapter of Department of Mechanical Engineering organized an expert session on 'Journey Towards IEI Students' Chapter Awards' on 06 March 2026.



View of speaker and participants during the event

Southern Zone

Arunachala College of Engineering for Women, Nagercoil (Tamil Nadu)

The IEI Student Chapter of Department of Artificial Intelligence & Data Science organized a seminar titled ' Data Analytics and Intelligent Decision Making' on 04 February 2026, Department of Computer Science and Engineering organized World Women's Day on 06 March 2026, Department of Electronics and Communication Engineering organized a Seminar on Embedded System for Industry 4.0 on 27 February 2026.

Mohan Babu University, Tirupati (Andhra Pradesh)

The IEI Students' Chapter, Department of Electronics and Communication Engineering organized Guest Lecture on 'Optimization of Nano FINFET using FEM at Cryogenic Temperature for Space Crafts' on 26 March 2026.





Glimpses of the event

PSNA College of Engineering & Technology, Silvarpatti (Tamil Nadu)

The IEI Student Chapter of Department of Computer Science & Business Systems was inaugurated on 26 February 2026.They organized a seminar titled 'Impact of AI Technologies on Human Interaction on 09 March 2026, Technical Visit to 'KINFRA integrated industry and Textile park' Palakkad on 03 March 2026, Poster Design Contest on 23 March 2026 and Technical Quiz on 27 March 2026.

News of Technical Activities from Engineering College Students' Chapter



View of the events

Ramco Institute of Technology, Rajapalayam (Tamil Nadu)

The IEI Student Chapter of Department of Electrical and Electronics Engineering, conducted an aptitude test on 'Quantitative Aptitude' on 26 February 2026 and 13 March 2026.



Glimpse of the event

The IEI Student Chapter of Department of Computer Science and Engineering organized a Guest Lecture on 'Email & Mobile Marketing in Digital Era: Automation, Social Integration and Analytics' on 21 February 2026, Exception Handling and Code Management in RPA' on 19 February 2026, Poster Competition on 'Technology for Sustainable Development' on 20 March 2026, Technical Event on 'Tech Tussle' on 25.02.2026, Technical Event on 'Science Day Project Exhibition' on 25 February 2026.

The IEI Student Chapter of Department of Mechanical Engineering organized a Workshop on 'PLC' on 16 March 2026 , Workshop on 'Robotics and Automation on 27 March 2026.



View of the events

Srinivsa Ramanujan Institute of Technology, Anantapur (Andhra Pradesh)

The IEI Student Chapter organized Technical Activity 'The AI Study Buddy : Revolutionizing Research with Notebook LM' on 12 March 2026.

St. Joseph's College of Engineering, Chennai (Tamil Nadu)

The IEI Students' Chapter of the Department of Electrical and Electronics Engineering was inaugurated on 17 March 2026.



Glimpses of the event

TKM College of Engineering, Kollam (Kerala)

The IEI Students' Chapter Department of Computer Science Engineering, Electrical & Electronics Engineering, Civil Engineering and Chemical Engineering organized the techno-cultural fest Celestra'26 on 6 February, 2026. The IEI Students' Chapter Department of Civil and Computer Engineering Department organized Water Day Celebration 2026 on 27 March 2026.

Eastern Zone

Roland Institute of Technology, Brahmapur (Odisha)

The IEI Student Chapter was inaugurated on 12 March 2026 and a One-Day Workshop on 'R Programming' was conducted.



View of the dias

News of Technical Activities from Polytechnic College Students' Chapter

Government Polytechnic, K R Pete, Krishnarajpete (Karnataka)

The IEI Students' Chapter celebrated National Science Day 2026 and organized a quiz competition on 06 February 2026.



Speaker during the event

Rajagopal Polytechnic College, Gudiyatham (Tamil Nadu)

The IEI Student Chapter organized the Digital Membership Certificate Distribution Ceremony for the academic year 2025–2026 along with the State Level Project Expo titled 'RPG Technovision 2026' on 27 February 2026.



View of the dias

Sakthi Polytechnic College, Sakthinagar (Tamil Nadu)

The IEI Students' Chapter organized a Poster Competition on AI for Engineers on 27 January 2026, Lecture on 'Innovations in Conveyor Drive Systems for Mining, Cement, and Steel Plants' on 28 January 2026, Seminar on 'Green Engineering: Principles and Applications' on 29 January 20026, Technical Visit at Lakshmi Machine Works Limited, Coimbatore on 06 February 2026, Group Discussion on 'Career Opportunities for Emerging Engineers' on 11 March 2026,Workshop on 'Advanced Calibration Techniques for Concrete and Steel Testing Equipments' on 13 March 2026,Seminar on 'Sustainable Automotive Parts Manufacturing' on 12 March 2026, Lecture on 'Modern Manufacturing Technologies for Pipes and Tubes in the Steel Industry' on 09 March 2026, Aptitude Test on 'Professional Language Skills' on 04 March 2026, Celebrating Women's Day on 'Honoring the Courage, Resilience, and Success of Women Everywhere' on 18 March 2026, Expert Session on 'IoT Applications and Sensor Interfacing for Smart and Connected System' on 17 March 2026, Expert Session on 'Career Opportunities in Data Science' on 23 March 2026' Poster Competition on theme 'The Water' for World Water Day Celebration on 23 March 2026, Expert Session on 'Advanced Sensor Interfacing and AI Integration for Smart and Intelligent System' on 24 March 2026, Seminar on 'Sustainable paper and Board Manufacturing' on 18 March 2026 and Quiz on 'Role of Artificial Intelligence in Engineering' on 18 April 2026.







Glimpses of the event

Report of Technical Activities by Students' Chapter

Please forward report of the technical activities conducted under the Students' Chapters of both Engineering Colleges and Polytechnics through email only to studentchapter@ieindia.org within one week of the hosting of the event. The format of the report can be accessed from the link

https://www.ieindia.org/webui/IEI-Network.aspx#students-chapters

Please provide the photographs of the event with clarity

Membership for undergraduate B Tech Students: Student Membership (SMIE)

The Council at its 689th meeting held at Ahmedabad approved a new grade of membership - Student Membership (SMIE) - meant for undergraduate students pursuing BE/B.Tech (AICTE approved) or equivalent qualification and will be valid for six years w.e.f. the date of enrolment. For further details, please visit our website www.ieindia.org.In case of any further query regarding Student Membership please contact (033)40106251/ (033)40106302.

Online Submission of Corporate Membership Application of The Institution of Engineers (India)

The Interested Engineers are requested to submit their membership application through **ONLINE** for early processing.

Please visit the link https://www.ieindia.org/webui/IEI-Registration.aspx for further details and submission of application

For any assistance mail to: membership@ieindia.org

Steps to establish IEI Students' Chapters in

Engineering Colleges/ Polytechnics

Engineering Colleges/ Polytechnics may establish Students' Chapter of IEI with at least fifty students pursuing engineering in the same branch of a College/University/Institution and be a part of the IEI fraternity following steps below:

- Initial request from an engineering college/a polytechnic is to be made to the Director (Membership) of IEI expressing desire to open a Students' Chapter at the Engineering College/Polytechnic mentioning the branches of engineering.
- (i) In a College/University/Institution, at least **thirty numbers (30)** of students irrespective of the year of study in the same branch of engineering is required for opening a Students' Chapter other than Electronics and Telecommunication Engineering Department and Computer Science Engineering Department.

  (ii) In a College/University/Institution, at least **fifty numbers (50)** of students is required for Electronics and Telecommunication Engineering Department and Computer Science Engineering Department irrespective of the year of study.

  (iii) To enable formation of a Chapter in any recognized polytechnic minimum number of member required is **thirty (30)**. There shall be only one Chapter in a polytechnic.

  This strength of membership shall be mandatory for opening as also for continuing a Students Chapter. However, it's requested to motivate all the students to enroll themselves with the Chapter.
- Upon obtaining the permission and code of the new Students' Chapter from IEI, prospective Chapters have to download the forms [for engineering college Students' Members (ECSC) and Polytechnic Students' Member (PSC)] from www.ieindia.org . The forms have to be filled up by the willing students for becoming members of Students' Chapter in consultation with the Adviser.
- The requisite fee to be collected from each student as per the year of study are given below.

(i) For Degree Engineering College:

Membership Fee for Students' Chapter	Subscription (Rs)	Share of Colleges/Institutions (Rs)	Share of HQs (Rs)
First Year	644	360	284 (Incl. of 18% GST)
Second Year			
Third Year			
Fourth Year			

i) For Polytechnic:

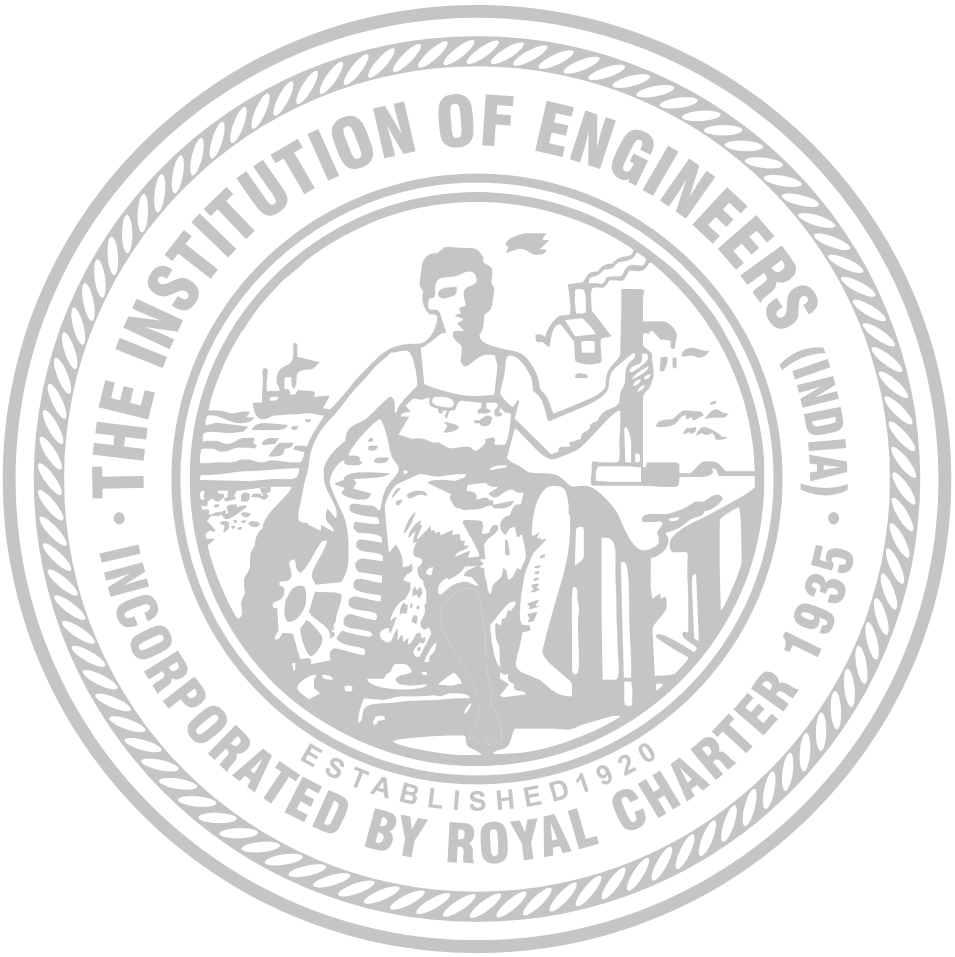
Membership Fee for Students' Chapter	Subscription (Rs)	Share of Colleges/Institutions (Rs)	Share of HQs (Rs)
First Year	536	300	236 (Incl. of 18% GST)
Second Year			
Third Year			

- The relevant part of the application forms are to be sent to be sent to Headquarters of The Institution of Engineers (India) alongwith the payment.

  For enquiries, contact us at studentchapter@ieindia.org/director_membership@ieindia.org or visit www.ieindia.org

Privileges of Student Members attached to Students' Chapters of Engineering College/Polytechnic

- Opportunity to participate in technical events e.g. Seminar, Symposia, Conventions, Workshops etc. organized by IEI State/Local Centres.
- Participation in various Technical Activities of the Students' Chapter.
- Access to library facilities at State/Local Centres of the Institution across the country.
- Opportunity to meet fellow engineers for professional interaction.
- After passing the final year B.E/B.Tech examination, members of the Students' Chapter are eligible for the followings:
    - Members of the Students' Chapter of Engineering Colleges may become **Associate Member** of Institution. The membership form can be downloaded and apply online from IEI website www.ieindia.org under **Membership** tab.
    - Associate Members are entitled to receive Chartered Engineer certificate on payment of requisite fee
    - **SMIE** members may become **Associate Member** at a discount in Registration fee, if they applied within 1 year of passing BE/BTech (the details is given in our **AM application form)**.
- **85 nos** of Scholarships of **Rs 7,15,000/-** given to the engineering meritorious students attached to the different Student chapter.
- **Dr Amitava Bhattacharyya Memorial Trophy** to be awarded to three **Best Engineering College Students' Chapters** and three **Best Polytechnics students Chapters** are annually awarded the certificate, plaque and **Rs 20,000/-, Rs 15,000/- and Rs 10,000/-** in each category respectively.
- The National Design and Research Forum (NDRF) – a peripheral body of the Institution – conducts the students' Design Competition every year amongst the student members studying in engineering colleges of the country. Apart from a certificate, the awardees are being given Gold, Silver, and Bronze medals in each engineering discipline. (http://www.ndrf.res.in).
- The **Students' Chapter Newsletter** is distributed amongst the Chapter members and may be browsed through www.ieindia.org.
- The Students' Chapters may participate in **Regional Conclave** to be organized in the emerging field of engineering by engineering college and polytechnic region wise.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ESTABLISHED 1920