Volume 8 Issue 1

IEI Newsletter

Students' Chapters

February 2026

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ALL INDIA STUDENTS' COMMITTEE (AISC)
Session 2025-26

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From the Chairman's Desk.....



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

Access to clean water and adequate sanitation is not only a basic human right, but also a foundation for public health, economic growth and environmental sustainability. As we align ourselves with the United Nations Sustainable Development Goal 6, we reaffirm our commitment to ensuring the availability and sustainable management of water and sanitation for all.

Water scarcity, pollution and inadequate sanitation continue to pose serious challenges to communities around the world. These challenges demand collective responsibility, innovative solutions and responsible stewardship of our natural resources. Through conscious water management, investment in resilient infrastructure and community engagement, we can protect this vital resource for present and future generations.

As the nation progresses toward becoming a resilient and inclusive economy, the importance of Sustainable Development Goal 6—ensuring availability and sustainable management of water and sanitation for all—cannot be overstated. India's development journey is closely linked to how responsibly we manage our water resources. Rapid urbanization, agricultural demand and climate variability have intensified water stress across regions. Addressing these challenges requires integrated water management, investment in sanitation infrastructure, wastewater treatment and the protection of rivers & groundwater systems. Government initiatives such as universal sanitation coverage, clean drinking water access and river rejuvenation, combined with private sector innovation and community participation are transforming lives across rural and urban India. Sustainable water practices, efficient usage and public awareness must remain at the core of our development agenda.

As the Chairman, I firmly believe that sustainable progress is achieved when economic development goes hand in hand with environmental responsibility. Let us work together to promote water efficiency, safeguard water ecosystems. By committing ourselves to SDG 6, we are not only safeguarding a vital natural resource but also strengthening public health, empowering communities and supporting India's long-term economic growth. Therefore, I on behalf of AISC request all Students' Chapters to organize the technical activities on these areas to encourage budding engineering professionals to explore and discuss innovative engineering solutions that can reduce health risks and contribute meaningfully to ensuring healthy lives and promoting well-being for all, at all ages.

Southern Zone

Bangalore Institute of Technology, Bengaluru (Telangana)

The IEI Students' Chapter Department of Electronics and Telecommunication Eng organized technical talk on "Latest Trends in Media and Communication and "The Learning Brain in the Age of AI: Why Your Projects Matter More Than Ever"on 04 February and 05 February 2026.





Glimpses of the event

Kongunadu College of Engineering and Technology, Tholurpatti (Tamil Nadu)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering organized a guest lecture on "Electronics and Communication Engineering Trends and Impact of Artificial Intelligence on Renewable Energy Systems" on 07 February 2026.



View of the dias

Mohan Babu University, Tirupati (Andhra Pradesh)

The IEI Students' Chapter, Department of Electronics and Communication Engineering organized a National Level Paper Presentation Contest 'Paper Xpress-2026' on 23 January 2026 and ' IEI Tech Spark Expo 2026' on 20 February 2026.





Glimpses of the event

Ramco Institute of Technology, Rajapalayam (Tamil Nadu)

The IEI Students' Chapter, Department of Computer Science and Engineering organized an event titled Generative AI" on 15 December .2025 to 19 December.2025 and "Reel Riddle technical debate" on 31 January 2026.



Glimpses of the event

Sagi Ramakrishnam Raju Engineering College, Chinamiram (Andhra Pradesh)

The IEI Students' Chapter, Department of Mechanical Engineering organized "A Three-day Workshop on Vehicle Diagnostics" on 29, 30 & 31 December 2025.

News of Technical Activities from Engineering College Students' Chapter



Glimpses of the event

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

The IEI Students' Chapter of the Department of Artificial Intelligence and Machine Learning was inaugurated on 24 February 2026 and Department of Computer Science and Engineering on 03 February 2026.





View of the dias

Vellore Institute of Technology, Vellore, (Tamil Nadu)

The IEI Students' Chapter of Department of Computer Science and Engineering was inaugurated on 28 January 2026 and a talk on the Roadmap to the Future of Engineers was organized.



View of the dias

Vishnu Institute of Technology, Bhimavaram (Andhra Pradesh)

The IEI Students' Chapter, Department of Civil Engineering organized two events Bridge Mania and Young Innovator Talk on 15 September 2025.





View of the participants

The IEI Students' Chapter, Department of Electrical and Electronics Engineering organized Researcher's Day 2026 on 03 January 2026.



Glimpses of the event

News of Technical Activities from Engineering College Students' Chapter

TKM Institute of Technology, Kollam (Kerala)

The IEI Students Chapter Department of Civil Engineering organized a technical talk on "Importance of Skill Based Learning" on 08 January 2026.



View of speaker and the participants

Western Zone

AISSMS College of Engineering, Pune (Maharashtra)

The IEI Student Chapter Department of Electronics and Telecommunication Engineering had organized One Week Online STTP/FDP on OBE and NEP-2020, as "Transformative Engineering Pedagogy: Outcome-Based Education, AI-Enabled Teaching, and Assessment Excellence under NEP-2020" under MIC-driven activity on "AI for Atmanirbhar Bharat: HEI Pre-Summit Engagements towards India AI Impact Summit 2026" during 2-7 February 2026 and Consumption Literacy Capsule (CLC) Awareness Program – Tupee Event" on 03 February 2026. The Chapter achieved a significant milestone with its formal recognition as an 'Official Climate Action Hub (CAH)' under the Finite Earth Movement (EFM) initiated by the Energy Swaraj Foundation on 04 February 2026.



View of the participants

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

The IEI Students' Chapter, Department of Electronics and Telecommunication Engineering, organized a Two-Day Hands-on Workshop on "MIoT and its Practical Applications" during 03–04 November 2025, Inauguration Programme on "Unveiling Minds: Opening Ceremony of the Technical Wall Magazine" on 07 October 2025., Felicitation Programme of Dr. D. G. Bhalke for IEI State Level Election Victory along with an Expert Talk on the Importance of IEI Membership on 17 November 2025, One Day Faculty Orientation Workshop on "Signals and Systems of Second Year Engineering on 09 January 2026, Seminar on "Entrepreneurship Opportunities on 22 January 2026, Technical Film Show on 20 January 2026, Final Year Poster presentation on 16 January 2026, ISTE Approved STTP on "Electronics and Communication Engineering Trends in AI &amp, ML for Signal Processing Application and Research using MATLAB "on 05 and 09 January 2026, "PBL Poster presentation on 24 January 2026, Faculty Visit to C-MET, Pune on 27 January 2026, Workshop on "Design Thinking and Innovation for Young Engineers" on 28 January 2026, Expert Session on "Salesforce: Basic and Opportunities." on 30 January 2026, SE Students Industrial Visit to Mohite Electronics Pvt. Ltd on 02 February 2026, Session on "The Blueprint of Success for Engineers" on 05 February 2026 and an Expert Session on "Object Oriented Thinking: from Real Life to Java Programming on 11 February 2026.



News of Technical Activities from Engineering College Students' Chapter





Glimpses of the event

Sanjivani College of Engineering, Singnapur (Maharashtra)

The IEI Student Chapter of Department of Mechanical Engineering was inaugurated on 28 January 2026.



Glimpses of the event

Thakur College of Engineering and Technology, Mumbai (Maharashtra)

The IEI Student Chapter organized a Seminar on 'Higher Studies' on 16 February 2026, Local Industrial Visit by IEI-TCET Students Chapter of Academic year 2025-26 on30 January 2026.





Glimpses of the event

Eastern Zone

Institute of Engineering & Management, University of Engineering & Management, Kolkata (West Bengal)

The IEI Students' Chapter (EE), Department of Electrical Engineering, IEM Kolkata, successfully organized an educational industry visit to the West Bengal Renewable Energy Development Agency (WBREDA), Bikalpa Shakti Bhavan, Sector V, Kolkata on 16 January 2026 and 7th Edition of APTECH 2025–2026 on 27 January 2026.



Participants during the industry visit

Techno College of Engineering, Agartala (Tripura)

The IEI Student Chapter Department of Mechanical Engineering organized a Seminar and Student Technical Presentation Competition on the theme "AI & Robotics and the Future of Engineering" on 6 February 2026.



Glimpses of the event

Techno India University, Kolkata (West Bengal)

The IEI Student Chapter Department of Civil Engineering participated in Indian Largest Drone Competition NIDAR (organized by Drone Federation of India in associate with Ministry of Electronics and Communication Engg and Ministry of Information Technology, Govt of India) during 10-16 January 2026.



Glimpses of the event

News of Technical Activities from Polytechnic College Students' Chapter

Brahmdevdada Mane Polytechnic, Belati (Maharashtra)

The IEI Students' Chapter organized seminar on 'Ignite the Self, Impact the World' on 12 January 2026. The chapter also conducted group discussion on the occasion of 'National Sports Day' on 29 August 2025, elocution competition on 'National Small Industry Day' on 30 August 2025, and CAD competition on the occasion of 'Engineers Day' on 15 September 2025. Further activities included expert lectures on 'Motivation and Entrepreneurship' on 19 December 2025, celebration of 'National Mathematics Day' on 22 December 2025, and visit to 'Science Center, Solapur' on 02 February 2025.

Government Polytechnic, K R Pete,



Glimpses of the event

Krishnarajpete (Karnataka)

The IEI Student's Chapter organized a workshop on " PCB Fabrication Techniques" on 24 February 2026.

Government Polytechnic, Siddapur,



View of the dias

Siddapur (Karnataka)

The IEI Student's Chapter organized a Science and Technical exhibition on 12 February 2026.



Glimpses of the event

P.A.C.Ramasamy Raja Polytechnic College, Rajapalayam (Tamil Nadu)

The IEI Students' Chapter conducted several guest lectures on topics including 'Leadership Quality for Engineers' on 23 October 2025, 'Vertical Transportation Systems' on 28 November 2025, 'Basic Concept of Structural Analysis' on 01 December 2025, 'Recent Advances in Garment Industries' on 05 December 2025, 'Recent Trends and Practical Applications in Concrete Technology' on 08 December 2025, 'Modern Practices in Building Construction and Maintenance' on 13 December 2025, 'Vertical Transportation Systems' on 13 December 2025 and 20 December 2025, 'Decision Making' on 16 December 2025, 'Pre Placement Activity' on 17 December 2025, 'Career Guidance Program' on 18 December 2025, 'Improving Skills in the Workplace' on 31 December 2025, and 'Basics of Refrigeration' on 30 December 2025.

A series of student seminars were also conducted covering a wide range of technical and general topics such as 'Life and History of Mansa Musa' and 'Function of Jacquard Machine' on 04 December 2025, 'Analysis of Continuous Beam' on 05 December 2025, 'Slope and Deflection of Determinate Beams', 'Smallest Number Program using 8051', and 'Infrared Waves' on 09 December 2025, 'Life and History of Cristiano Ronaldo' and 'Textile Wet Processing' on 11 December 2025, and 'Resistors Connected in Series and Parallel', 'Construction of DC Generator', 'Construction and Working of Thermal Power Plant', and 'Construction and Working of Hydro Power Plant' on 12 December 2025. In addition, seminars on 'Recent Trends in Automation', 'Renewable Energy Sources', 'Recent Trends in Automobile', 'Recent Trends in Robotics', and 'Sensors and Actuators' were organized on 28 November 2025.

Apart from seminars and lectures, a project demonstration titled 'Structural Modelling and Analysis' was organized on 08 December 2025 to demonstrate practical engineering applications. Students also actively participated in competitions, including 'Model Competition on Automatic Moving Vehicle' on 16 December 2025 and 'Poster Competition on Technical Areas of Electronics and Communication Engineering' on 05 December 2025. Group discussions were conducted on 'Robotics in Daily Life' on 09 December 2025, 'Revision of Syllabus (Construction Materials & Practice)' on 13 December 2025, and 'Calculation of Slope and Deflection of Simply Supported Beam' on 13 December 2025.

News of Technical Activities from Polytechnic College Students' Chapter

To evaluate and strengthen students' technical understanding, technical quizzes on 'Core Electronics and Communication Engineering Knowledge' were conducted on 04 December 2025, along with another quiz on 'Microcontroller' on 10 December 2025. Aptitude and placement-oriented tests such as 'Aptitude Test on Soft Skills' on 27 November 2025 and 'Mock Interview Test' on 11 December 2025 were also organized.

Furthermore, technical awareness activities included 'Display of Technical Information on India's Emission Norms' on 16 December 2025 and 'Display of Technical Information on Architecture of 8051' on 11 December 2025. Other significant technical and social activities included 'Technical Demo (DTH Installation)' and 'Visit to Old Age Home' on 09 October 2025, 'Inplant Training' conducted from 10 November 2025 to 21 November 2025, participation in 'NPTEL Online Certificate Course' and 'Online Skilling Course' during August to October 2025, 'Recycling of Waste Construction Materials' on 04 December 2025, 'Distribution of Delphi TVS Technologies Limited Scholarship' on 08 December 2025, 'Pre-Placement Training' on 12 December 2025, and 'Career Development Programme' on 22 December 2025.

Rajagopal Polytechnic College, Gudiyattam (Tamil Nadu)

The IEI Students' Chapter organized Technical Visit on Indian Institute of Technology- Chennai on 02 January 2026 and "VELLORE CO-OPERATIVE SUGAR MILL" THIRUVALAM on 27-29 January 2026.



View of the participants

Sakthi Polytechnic College, Sakthinagar (Tamil Nadu)

The IEI Students' Chapter organized lecture on 'Recent Advancements in Rebar Detailing for Civil Engineers' on 31 December 2025, group discussion on 'Enhancing Professional Skills among Student Members' and seminar on 'Importance of Spoken English for Placement' on 06 January 2026, workshop on 'Digital Construction' on 09 January 2026, lecture on 'Entrepreneurship Awareness' on 10 January 2026, speech on 'Engineering in Everyday Life' as part of National Youth Day Celebrations on 12 January 2026, group discussion on 'Impact of English Language Skills on Professional Success for Civil Engineers' and lecture on 'Heat and Surface Treatment' on 22 January 2026, workshop on 'Sketch Up: A Visualization and Modeling Tool for Civil Engineers' on 23 January 2026, poster competition on 'AI for Engineers' on 27 January 2026, lecture on 'Innovations in Conveyor Drive Systems for Mining, Cement, and Steel Plants' and seminar on 'Green Engineering: Principles and Applications' on 28 January 2026, paper presentation on 'Advanced Concrete Technology for Building Construction' on 03 February 2026, group discussion on 'Industrial Ethics in Engineering' on 05 February 2026, workshop on 'Digital Mapping of Farm Fields' and technical visit to 'Lakshmi Mills Private Ltd' on 06 February 2026, seminar on 'Advanced Design Strategies for Lightweight Aluminum Casting in Automotive Applications' on 10 February 2026, display of technical information on 'CNC Turning and Milling Machines' on 11 February 2026, seminar on 'Advanced Electronics Manufacturing Services (EMS) for High-Technology and High-Complexity Products' on 12 February 2026, lecture on 'From Diploma Student to Industry-Ready Engineer' on 14 February 2026, group discussion on 'Importance of Irrigation Structures' and paper presentation on 'Adaptive MPPT Solar Charge Controller' on 16 February 2026, lecture on 'Advancement in Automotive Industry' on 17 February 2026, model competition on 'Tower and Bridge Modelling for Civil Engineers' on 18 February 2026, project demonstration on 'Light Weight Concrete Models' on 19 February 2026, seminar on 'Advancements in Manufacturing of Motorcycles' on 24 February 2026, project presentations and paper presentation ('SAKTHI 2K26' Event) on 27 February 2026, and film show on 'Connections Event: Engineering Behind Science' as part of National Science Day Celebrations on 28 February 2026.



Glimpses of the events

Announcement

Fifth Regional Conclave of Students' Chapters for Southern Region

Theme:

‘Engineering Resilience: Technology, Environment and Society’

Date: 7-8 April, 2026

Hosted by:

Sathyabama Institute of Science and Technology

Chennai, Tamil Nadu

Fifth Regional Conclave of Students' Chapters for Western Region

Theme:

‘Startups, innovation & Industry Synergy’

Date: 10-11 April 2026

Hosted by:

AISSMS College of Engineering

Pune, Maharashtra

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	536	300	236 *(Incl. 18% GST)*
Second Year			
Third Year			
Fourth Year			

i) For Polytechnic:

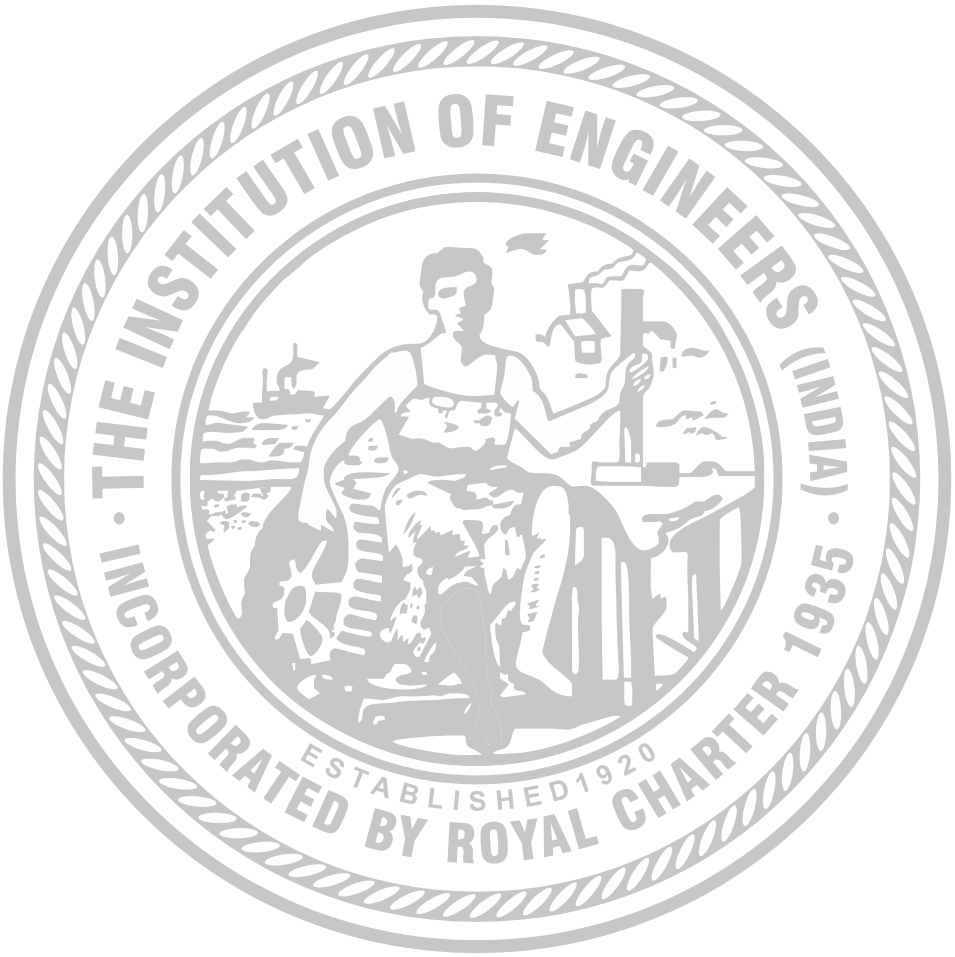
Membership Fee for Students' Chapter	Subscription (Rs)	Share of Colleges/Institutions (Rs)	Share of HQs (Rs)
First Year	536	300	236 *(Incl. 18% GST)*
Second Year			
Third Year			

- 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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