



# IEI

## Newsletter Students' Chapters

April  
2025

# Inside

|  |    |
|--|----|
| Chairman's Message   | 2  |
| News of Regional Conclaves FY: 2024-25   | 3  |
| News of Technical Activities from Engineering<br>College Students' Chapter                         | 5  |
| News of Technical Activities from Polytechnic<br>College Students' Chapter                         | 9  |
| Report of Technical Activities by Students' Chapter  | 11 |
| Membership for undergraduate B Tech Students:<br>Student Membership (SMIE)                         | 11 |
| Online Submission of Corporate Membership  | 11 |
| Steps to establish IEI Students' Chapters in<br>Engineering Colleges/Polytechnics                  | 12 |
| Privileges of Student Members attached to Students'<br>Chapters of Engineering College/Polytechnic | 13 |

### ALL INDIA STUDENTS' COMMITTEE (AISC) Session 2024-25

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## **Prof (Dr) Chandrashekara S N, FIE**

Chairman,  
All India Students' Committee (AISC)

Seventeen Sustainable Development Goals (SDG) were established by United Nation Members in the year 2015. Goal no 2 aims to achieve "zero hunger". The intent is to '*end hunger, achieve food security and improved nutrition and promote sustainable agriculture*'. The target is to create a world free of hunger by 2030.

Hunger and food insecurity has been increasing alarmingly in recent years. Our planet has provided us with tremendous resources, but unequal access and inefficient handling leaves millions of people malnourished. This has been boosted by a combination of factors including the pandemic, conflict, climate change etc. The issue can be addressed by focusing on increasing food production, improving nutrition and promoting sustainable agriculture. This necessitates improvement in rural infrastructure, agricultural research and technology in addition to establishing fair and stable food industry.

Engineers play a crucial role in addressing world hunger. Their expertise is vital in developing innovative solutions for food production, distribution, and waste reduction, while ensuring environmental sustainability. Engineers can develop and implement technologies for increasing yield of crops with optimum resources using technologies like GPS-guided tractors, drones for crop monitoring, sensors for soil analysis, etc. Drip irrigation systems make arid and sandy soils suitable for food production. Nowadays, there are indoor vertical farms, optimizing space and resources to produce food in urban areas. They help to reduce food waste by using efficient processing equipment and improved storage facility conditions. Food engineers ensure that all food production processes comply with safety regulations and standards, minimizing the risk of foodborne illnesses. Development of advanced food preservation techniques such as pasteurization, irradiation, and modified atmosphere packaging enhances food safety and extend shelf life. Researches are being carried out to enhance the nutritional value of food, thus reducing hunger and scarcity of food.

Poverty and lack of access to resources and infrastructures, low agricultural productivity, climate change, limited education and training of the people, land degradation and water scarcity are some of the concerning factors that adversely affect food security in rural India. These challenges can only be overcome by implementing a comprehensive and coordinated approach that addresses the underlying causes of food insecurity.

The Indian government has implemented several initiatives to ensure food security in the country like Public Distribution System (PDS), National Food Security Act (NFSA), Mid-Day Meal Scheme, Child Development Services (ICDS), Pradhan Mantri Fasal Bima Yojana (PMFBY), National Agricultural Market (e-NAM), Pradhan Mantri Kisan Samman Nidhi (PM-KISAN), etc.

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 that can contribute to help our country achieve Sustainable Development Goals.

# Fourth Regional Conclave of Students' Chapter

## Fourth Regional Conclave of Students' Chapter for Southern Region **'Internet of Things (IoT) Applications in Infrastructure'** Puducherry Technological University during 13-14 March 2025

The Fourth Regional Conclave of Students' Chapter was organized by Student Chapter, Department of Computer Science and Engineering, Puducherry Technological University, during 13-14 March 2025 on the theme **'Internet of Things (IoT) Applications in Infrastructure'**. The event, themed 'Internet of Things (IoT) Applications in Infrastructure', featured various technical competitions, including a paper presentation, an idea/model competition, and a project competition. Eminent speakers Dr. B. Ravindran, Professor and Head, Department of DSAI, IIT Madras, and Dr. U. Noorul Hussain, Founder & CEO of Intrust Innovation Labs, Chennai, delivered invited talks. The Chairman and Honorary Secretary of Puducherry State Centre of IEI graced the event. A panel discussion with industry and academic experts provided valuable insights into emerging IoT trends.



Glimpses of the event

## Fourth Regional Conclave of Students' Chapter for Eastern Region **'Emerging Trends of Advanced Technologies in Engineering Field'**

Budge Budge Institute of Technology, Kolkata, West Bengal during 19-20 March, 2025



Glimpses of the event

Regional Conclave of Students Chapter of the Institution was organized on the theme, **'Emerging Trends of Advanced Technologies in Engineering Field'** during 19-20 March, 2025. Various paper/poster presentation, model/project exhibition and competition were organized during the event, where researchers and students

# Fourth Regional Conclave of Students' Chapter

showcased their innovative findings and discussed their implications for future advancements. Dr. Susanta Ray, Associate Professor, Department of Electrical Engineering, Jadavpur University, Kolkata, Mr. Chiranjib Sarkar, Principal Engineer, GEOCONSULT India, Mr. Mukesh Agarwal, CEO and Co-Founder, M/s Designation/Organization and Dr Suman Samui, Assistant Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Durgapur were the eminent speakers.

## Fourth Regional Conclave of Students' Chapter for Western Region *'Innovations Driving the Green Revolution in Mobility'* Nagpur Institute of Technology, Nagpur, Maharashtra during 25-26 March 2025

The Fourth Regional Conclave of Students' Chapters was hosted by the Student Chapter of IEI, Department of Electrical Engineering, Nagpur Institute of Technology, Nagpur, during 25-26 March 2025 on the theme '**Fueling the Future: Hydrogen & Electric Vehicles for a Sustainable Tomorrow.**' A keynote address was delivered by Dr. S.P. Jolhe, Assistant Professor of Electrical Engineering at Government College of Engineering, Nagpur. on the theme 'Powering Tomorrow: Renewable Energy's Role in Advancing Green Transportation' and Dr. Ritesh Kumar Keshri, Associate Professor of Electrical Engineering at VNIT, Nagpur on the theme 'Innovations Driving the Green Revolution in Mobility'. The technical sessions were chaired by Dr Rajesh Patil, Associate Professor from MIT, Chhatrapati Sambhajnagar and Dr. Ruhi Uzma Sheikh, Head of the Department of Electrical Engineering at Anjuman College of Engineering and Technology, Nagpur. Experts from Maharashtra State Electricity Board were also present in the event. The Chairmen and Honorary Secretaries of Maharashtra State Centre and Nagpur Local Centre of IEI graced the occasion. Various paper presentations and project competitions were also organized during this event.



Glimpses of the event

# News of Technical Activities from Engineering College Students' Chapter

## Southern Zone

### Bishop Jerome Institute, Kollam (Kerala)

The IEI Students' Chapter of Department of Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering organized an online poster designing competition on 'Glacier Preservation' on 22 March 2025.



Flyer of the event

### BVRIT HYDERABAD College of Engineering for Women, Hyderabad (Telangana)

The IEI Students' Chapter organized a three-day Techno-Cultural Fest on the theme SYNERGIA 2025 from 02-04 April 2025. As part of this event, under the IEI chapter, two competitions were conducted on the topics 'Assistive Tech Makers' and 'Code and Wire: Arduino'.

### Chettinad College of Engineering & Technology, Karur (Tamil Nadu)

The IEI Students' Chapter of Department of Artificial Intelligence and Data Science organized a technical activity on the theme 'Data Drive Contest' on 25 March 2025.



The IEI Students' Chapter of Department of Electronics and Communication Engineering organized events on the theme 'Futuristic Frames 2K25-Poster Design Contest' on 01 April 2025 and 'Power Pro Contest :Designing Electrical Circuits Using PCB' on 02 April 2025.



Glimpse of the event

### K. Ramakrishnan College of Engineering, Trichy (Tamil Nadu)

The IEI Students' Chapter of Department of Electronica and Communication Engineering organized an Industrial Visit to All India Radio-Prasar Bharathi, Trichy on 08 April 2025.



Glimpse of the event

### Kingston Group of Institutions, Vellore (Tamil Nadu)

The IEI Student Chapter was inaugurated followed by a Workshop on 'Investment' on 05 April 2025.



Glimpse of the event

# News of Technical Activities from Engineering College Students' Chapter

## Kongunadu College Of Engineering & Technology, Trichy (Tamil Nadu)

The IEI Students Chapter of Department of Electrical and Electronics Engineering, conducted a Seminar on 'Recent Scenario in Industrial Automation and IoT 4.0' on 22 March 2025.



Glimpse of the event

## Rajalakshmi Engineering College, Thandalam (Chennai)

The IEI Students Chapter of Department of Mechanical Engineering organized a Technical Quiz 'Battle of the Brains' on 17 April 2025.



Glimpse of the event

## Ramco Institute of Technology, Rajapalayam (Tamil Nadu)

The IEI Students' Chapter of Department of Mechanical Engineering organized Seminars on 'Beamer Presentation using Overleaf- Series II' on 15 April 2025 and 'Report Preparation using Overleaf' on 22 April 2025.



Glimpse of the event

## SAINTGITS College of Engineering, Kottayam (Kerala)

The IEI Students' Chapter of Department of Electrical and Electronics Engineering organized a lecture competition on 25 March, 2025.



Glimpse of the event

## Sree Buddha College of Engineering, Pattoor (Kerala)

The IEI Students Chapter Department of Computer Science, Electrical and Electronics and Electronics and Communication, jointly organized an International Conference on 'Synergetic Technologies: 'Sustainable Approaches in Electrical, Electronics & Computer Engineering by Integrating AI for Future Innovations' during 24 - 25 March 2025.



Glimpse of the event

## Valia Koonambaikulathamma College of Engineering Technology, Parippally (Kerala)

The IEI Students' Chapter of Civil Engineering branch was inaugurated followed by a talk on 'Role of Artificial Intelligence and Machine Learning' in Civil Engineering on 06 March 2025



Glimpse of the event

# News of Technical Activities from Engineering College Students' Chapter

## Eastern Zone

### Techno International New Town, Kolkata (West Bengal)

The IEI Students' Chapter of Department of Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering organized an online poster designing competition on 'Glacier Preservation' on 22 March 2025.



Glimpse of the event

### National Institute of Technology, Rourkela (Odisha)

The IEI Students' Chapter organized a Webinar on 'Role of student in Industry Academic Work' was organized on 20 March 2025.



Glimpse of the event

## Northern Zone

### Institute of Engineering and Technology, Lucknow (Uttar Pradesh)

The IEI Students' Chapter of Department of Electrical Engineering organized Technical Presentation Competition on 05 April, 2025



Glimpse of the event

## Western Zone

### Amrutvahini College of Engineering Sangamner (Maharashtra)

The IEI Students Chapter of Automation and Robotics Engineering Department was inaugurated on 27 March 2025. A Three-Days

workshop on Robot Operating System (ROS-II) was also organized during 27 -29 March 2025.



Glimpse of the event

### Birla Vishvakarma Mahavidyalaya, Anand (Gujarat)

The IEI Students' Chapter, Department of Civil Engineering organized Workshops on 'Modeling Transportation Systems with SUMO (Simulation of Urban Mobility)' on 06 February, 12 February and 20 March 2025, 'Data Science for Civil Engineers: Unlocking New Possibilities' on 03 February 2025' 'Coaching Series on Structural Analysis for GATE' on 19 February, 24 February and 19 March 2025' 'Road Safety Awareness Drive' during 07 -09 January 2025. They also arranged an Expert talk on 'BIM for Mega Construction Projects' on 19 February 2025, a Workshop on 'Geospatial Technology for Civil Engineers: From Pixels to Project with Google Earth Engine' on 02 April 2025' Two Day National Workshop on 'Multimodal Traffic Simulation' during 04 -05 April 2025' a Hands-on Session on 'EPANET Software: Smart Water Network Analysis' on 09 April 2025.



Glimpse of the event

### G H Raisoni Institute of Engineering Nagpur (Maharashtra)

The IEI Students' Chapter, Department of Electrical Engineering organized 'ELECTRICA 2K25' under national technical festival TECHRUNCH on 16 and 17 April 2025. They also organized Poster competition on 16 February 2025' Electric Blueprint, a designing based brainstorming activity and Quiz Quest on 17 February 2025.

# News of Technical Activities from Engineering College Students' Chapter



Glimpse of the event

## Shri Sant Gajanan Maharaj College of Engineering, Shegaon (Maharashtra)

The IEI Students' Chapter, Department of Electrical Engineering organized One Week Training Programmes on 'Industrial Automation during 17 – 23 December 2024, 'Renewable Energy Ventures : Training for Aspiring Entrepreneurs during 06-11 January 2025 and Job Opportunities in Banking Sectors on 10 January 2025. they also organized Seminars on the themes 'Medium-Voltage Switchgear Testing' on 13 January 2025, 'Opportunities in Core Electrical Industry on 15 January 2025. They conducted a Two-Day Workshop on the theme 'ROBOZON during 01-02 March 2025, Guest Lecture on 'Opportunities for Electrical Engineers Abroad' on 05 March 2025, a technical event namely 'IPL Auction' on 08 March 2025 and a One-Day Workshop on 'Challenges and Innovations in EHV Substations' on 24 March 2025.



Glimpse of the event

## SNJB's Late Sau. Kantabai Bhavarlalji Jain College of Engineering, Nashik (Maharashtra)

The IEI Student Chapter of Department of Mechanical Engineering organized various events namely 'Session on Innovating Mobility and Software Product Management' on 12 January 2025, 'The Knowledge Series: Man Management Ancient vs AI Era and 21st Century Skill for Startup & Entrepreneurship' on 17 January 2025, 'GATE

Awareness Session – Opportunities & Preparation Strategies' on 12 February 2025, 'Expert Session on Higher Studies Abroad' on 14 February 2025, a Hands on Training on 'Road Safety and Traffic Awareness' on 17-18 February 2025, an Industrial Visit to NMC Waste Management Plant, Nashik on 25 February 2025. They also arranged a Seminar on 'Real Challenges & Opportunities as an Entrepreneur' on 8 March 2025, National Level Hackathon, G H R Hack 1.0 during 08-09 March 2025 and Technical Quiz Competition during 13-14 March 2025. The Chapter also conducted Industrial visits to medium scale to automation industry, manufacturing industry and foundry/ permanent mould casting industry to demonstrate various stages of casting on 18 March 2025 and a Workshop on '3D Printing Technology' during 25-26 March 2025.



Glimpse of the event

## Thakur College of Engineering and Technology, Mumbai (Maharashtra)

The IEI Students' Chapter, Department of IoT conducted a workshop on 'Power BI and Data Analysis on 29 March 2025 and an outreach activity on 03 April 2025. The also conducted a Local Industrial Visit to Logiq Embedded Systems India Pvt. Ltd on 05 April 2025.



Glimpse of the event

# News of Technical Activities from Polytechnic College Students' Chapter

## Government Polytechnic, Vaishali (Bihar)

The IEI Students Chapter, Government Polytechnic, Vaishali was inaugurated on 27 February 2025.



Glimpse of the event

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

The Student Chapter Department of P.A.C.Ramasamy Raja Polytechnic College, organized an Online Lecture on 'Sustainable Building Materials' on 05 February 2025. They arranged Guest Lectures on (i)'Importance of Higher Studies' on 24 February 2025, (ii)'Introduction of Rebar Detailing, Rebar Estimate and Software used for Rebar Detailing, Role of Rebar Detailer' on 26 February 2025', (iii)'MSME Schemes Awareness' on 11 January 2025, (iv) 'Road Safety , Fire& Safety' on 06 February 2025, (v)'Modern sensors and Technologies' on 04 March 2025, (vi) 'Internet of Thinks and its Application' on 27 March 2025, (vii)'Modern Trends in Air Conditioning' on 29 January 2025, (viii)'Basics of Refrigeration and Industrial Refrigeration 28 March 2025', (ix)'Vertical Transportation Systems' on 04 January 2025, (x)'Digital Manufacturing' on 10 January 2025, (xi)'Digital Manufacturing' during 24-25 January 2025, (xii) 'Road Safety' on 12 February 2025, (xiii) 'Anti-Drug Awareness to the Students' on 26 March 2025', (xiv) 'Telecommunication' on 19 March 2025, (xv)'Industrial Safety Management and Modern Development in Fibre Testing instruments on 22 March 2025, (xvi)'Traffic Awareness'. They organized Paper Presentation on 'Digital Twin for Manufacturing' & 'Inverter Air Conditioning systems', 'Digital Twin for Manufacturing' & 'Inverter Air Conditioning Systems', 'Global Warning, AI in Electrical Engineering, AI In Autonomous Vehicles & Brain-Computer Interface (BCI)' on 15 February 2025 and 'What Industry is Expecting?' on 19 February 2025.

The Chapter also conducted Seminars on (i) 'Modern Construction Materials' on 27 February 2025, (ii) 'Green Dry Construction' on 24 March 2025, (ii) 'Analysis of Portal Frame' on 27 March 2025, (iii) 'Fibre Reinforced Concrete' on 28 March 2025' Seminar on 'Industrial Engineering Management' on 20 February 2025, (iv) 'Concept of Six Sigma' on 21 March 2025, (v) 'Electrical furnaces' on 27 March 2025, (vi) 'Dynamic braking applied to three phase induction motor' on 27 January 2025, (vii) 'Energy conservation on Lighting Systems, Fans and Regulators' on 08 February 2025, (viii) 'Energy conservation on induction motor' on 09 February 2025, (ix) 'Construction and working of sodium vapour lamp' on 10 February 2025, (x) 'Construction and working of CFL and Construction and working of Fluorescent tube light' on 12 February 2025, (xi) 'Construction and working of high pressure mercury vapour lamp' on 12 February 2025' (xii) 'Energy audit instruments on 25 February 2025, (xiii) 'Resistance welding and its types' on 12 March 2025, (xiv) 'Arc welding and its types' on 13 March 2025, (xv) 'Radiation welding and its types: and Types of tariff ' on 17 March 2025, (xvi) 'Mother Board Components' on 07 January 2025,(xvii) 'Laser Printer' on 13 January 2025, (xviii) 'Use of PSW register' and 'Watch Dog Timer' on 18 February 2025,(xix) 'OSI Layer' on 19 February 2025, (xx)'Framing of Data, IPV6 Datagram Format, Go- Back-N-ARQ Protocol' on 25 February 2025 and (xxi) 'Arduino' on 13 March 2025.

They also conducted a Workshop on Modern Surveying Using Drone and DGPS on 26 March 2025' and 'Preparation of CO and PO Mapping on 28 March 2025. They organised Conference on 'Digital Twin for Manufacturing' & 'Inverter Air Conditioning systems on 15 February 2025 and 'AI in Electrical Engineering, AI in Autonomous Vehicles & Brain-Computer Interface (BCI)' on 14 February 2025.They arranged Project Demonstration on 'An Innovative – National Level Project Contest' on 28 February 2025, Project Demonstration on 'Latest Electronics' 26 March 2025', Poster Presentation on Recycle Materials in Construction Field on 21 March 2025, Poster Presentation on 'Recent Trends in EV' on 25 March 2025, Group Discussion at Ramco Industries Limited, Gangaikondan, Tirunelveli on 07 February 2025, Recent Trends in Air conditioning systems on 04 February 2025,

# News of Technical Activities from Polytechnic College Students' Chapter

Group Discussion on 'Advantages of disadvantages of electric vehicles' on 25 March 2025, Group Discussion on 'Is Artificial Intelligence a Boon or a Bane?' on 30 January 2025, Group Discussion on 'Impact of social media' on 21 March 2025, Technical Quiz on 14 March 2025, Technical Quiz on Basics of Civil Engineering on 03 March 2025, Technical Quiz on 'Automobile Technology' on 22 March 2025, Technical Quiz on Mechanical and R&AC on 27 February 2025, Technical Quiz on 'Basics of Electrical Circuits' on 25 March 2025, Technical Quiz on 'Electrical Machines - II' on 26 March 2025, Technical Quiz on 'Core questions of ECE', Fundamentals of Electronics and Communication, Computer Hardware Servicing and Networking' on 28 January 2025, Technical Quiz on 'Biomedical Instrumentation' on 26 February 2025 and Technical Quiz on 'Embedded Systems' on 08 March 2025. They conducted Technical Visit to Ramco Industries Limited, Gangaikondan, Tirunelveli and 'M/s Green Tuff - Vinayaga Glass Industries, Gangaikondan' on 07 February 2025, Technical Visit at M/s. Nila Cold Storage Pvt Ltd., Tuticorin on 13 March 2025, Technical Visit at M/s. Saarc Tool Tech Pvt Ltd., Coimbatore on 07 March 2025, Technical visit to P.A.C.Ramasamy Raja Polytechnic College Power House on 08 January 2025, Technical Visit to HATSUN Agro Products, Tirunelveli Unit, District Science Centre, Tirunelveli on 03 March 2025, Technical Visit to RML Wind Farm at Aralvaimozhi on 17 March 2025, Technical Visit to AB Technologies, Chettikulam on 18 March 2025, Industrial Visit on Rajapalayam mills Ltd ( Fabric division unit 1) on 01 February 2025, Industrial Visit on Rajapalayam Mills Ltd on 22 March 2025, Industrial Visit on SSM Fine Yarns ( Battlagundu) on 08 March 2025, Industrial Visit on Quantum Knits (KPR unit) on 22 March 2025, Technical visit to Bench Mark Tea Factory, Ooty on 20 February 2025 and Technical visit to S&T Workshop, Pothanur on 21 February 2025, They organized a Film Show on Technical Videos on 05 March 2025.



Glimpses of the event

## Government Polytechnic, Belgaum (Karnataka)

The Student Chapter organized a short-term training on 'CNC and VMC' and an Academic Visit to KLE TECH University for Project Exhibition during 01 -10 January 202. They conducted a Seminar on Topic 'Artificial Intelligence' on 24 January 2025. They also organised Lectures on topic ' Soft Skills and DCET preparation' and a Seminar on Importance of Meditation and Benefits on 10 February 2025, 'Pillars of Mental Well Being on 12 February 2025, 'Role of Stenographer in Court and Skills' on 22 February 2025, 'Role of Mechanical Engineers in Automation Industry and Role of Electrical Engineers in Thermal Power Plant' on 24 February 2025, 'Role of Civil Engineers in Nation Building' on 26 February 2025 and 'Total Quality Management' on 18 March 2025. They also arranged One-Day workshops on 'Product Design and 3D Printing Technology' on 29 January 2025 and 'Yoga and Prayer' on 11 February 2025. Further, they conducted General Aptitude Test on 27 January 2025 and 03 February 2025, an Online Quiz on Indian Constitution on 03 February 2025, a Group Discussion on topic 'Electric Vehicle vs Traditional on 17 February 2025 and Poster Presentation Competition on Project Management Skills on 27 March 2025. They also participated in a Paper Presentation & Project and IDEA competition conducted at HIT Engineering College, Belgaum.



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](mailto: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](http://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](mailto: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](http://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](mailto:studentchapter@ieindia.org)/[director\\_membership@ieindia.org](mailto:director_membership@ieindia.org) or visit [www.ieindia.org](http://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](http://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](http://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.

