

Newsletter

Students' Chapters

August
2023

Inside

Chairman's Message	2
News of Technical Activities from Engineering	3
College Students' Chapter	
News of Technical Activities from Polytechnic	13
College Students' Chapter	
Report of Technical Activities by Students' Chapter	14
Membership for undergraduate B Tech Students: Student Membership (SMIE)	14
Online Submission of Corporate Membership	14
Announcements	15-16
Steps to establish IEI Students' Chapters in	17
Privileges of Student Members attached to Students' Chapters of Engineering College/Polytechnic	18

ALL INDIA STUDENTS' COMMITTEE (AISC) Session 2022-23

Er Mohammad Iquebal Alam, Chairman

Members

Er B Brahma Reddy
Prof (Dr) G Madhu
Er Mahavir Bhavarilal Chopda
Er S K Banerji
Dr S M Goel
Prof (Dr) T Senthil Vadivel
Prof (Dr) Bhawesh Kumar Thakur
Dr M Venkateswara Kishore
Mr Nitin Pandurang Mawale
Dr D B Karanjule
Er R Karthikeyan

EX-Officio Member

Secretary & Director General, IEI

Editor

Maj Gen (Dr) MJS Syali, VSM (Retd)

Technical Editor

Dr Surojit Ghosh

Assistant Technical Editor

Dr Shubhasree Biswas Sett

Editorial Assistant

Mr Chandan Dutta Choudhury
Mr Suman Bagchi
Mr Zahid Hussain

The Institution of Engineers (India) as a body
accepts no responsibility for statement made by
individual authors

Membership Department

The Institution of Engineers (India)
8 Gokhale Road, Kolkata 700 020
Tel : (033) 4010 6224 / 251
e-mail : studentchapter@ieindia.org
web : www.ieindia.org



Mohammad Iquebal Alam, FIE

Chairman,
All India Students' Committee (AISC)

The world has changed immensely over the last two centuries. In ancient times, education happened informally through oral communication. As societies grew more complex and the need for mass education was felt for learn survival strategies, formal education came into existence. Formal education was typically conducted in a classroom in an academic institution. In addition basic skills such as reading and writing the students learn advanced academic lessons.

Education 1.0 is a traditional teaching method where the teacher is the only source of knowledge and the student is the passive recipient. This method involves physical classrooms and does not involve any technology. This is an authoritarian teaching system, the student is expected to be passive and the teacher is the leader who imparts knowledge.

Education 2.0 marked the evolution of traditional teaching methods with the introduction of internet technology in classrooms. It includes the use of interactive tools, material from the internet, social media to share learning resources and projectors to display educational materials like slides. This framework allows a more engaging and interactive learning experience for students.

Education 3.0 is a teaching framework in which the teacher acts as a guide and mentor. This approach combines both traditional classroom instruction and online learning methods. It emphasizes self-directed learning, problem-solving, creativity, and interaction between teachers and students.

Education 4.0 is considered to be the most advanced and innovative form of education framework. It emphasizes on project-based and hands-on learning methods, where students are evaluated based on their assignments. It involves social media platforms to create educational videos, webinars with teachers and experts and Artificial Intelligence (AI) to provide quick responses to students' inquiries. It focuses on Critical Skills, Problem-solving capability, Collaboration and Adaptability of the students.

It is needless to say that newly evolving technologies are reshaping our lives so intensely that it has become essential to introduce them to impart education among the students and make them adaptable to the advancing technology.

The Students' Chapters of the Institution organizes seminars and workshops on various modern, upcoming and innovative technologies. Therefore, I on behalf of AISC request all Students' Chapters to organize the technical activities on upcoming technologies and the various trends that may improve our education system.

News of Technical Activities from Engineering College Students' Chapter

North Zone

Anand International College of Engineering, Jaipur (Rajasthan)

The IEI Students' Chapter of Anand International College of Engineering organized a One Day Workshop on 'EMF Radiation Awareness Programmes in Commemoration of Azadi Ka Amrit Mahotsav (AKAM), Tower Myths & Tower Installation Fraud & Brief of 5G Technology' on 23 June 2023.



Participants during the workshop

Rajkiya Engineering College, Mainpuri (Uttar Pradesh)

The IEI Students' Chapter, Department of Mechanical Engineering of Rajkiya Engineering College organized an Industrial Visit to Shankar Cold Storage, Uttar Pradesh on 20 May 2023.



Participants during the event

The Chapter also conducted a Technical Quiz on the theme 'Antriksh Jigyasa' during 18 - 19 July 2023.



Participants during the quiz

SOUTH ZONE

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

The IEI Students' Chapters of Arunachala College of Engineering for Women organized a Lecture on 'AI & IOT for Sustainable Development' on 6 July 2023 and a Seminar on 'Career Guidance' on 14 July 2023.



View of the dias during the lecture

B N M Institute of Technology, Bengaluru (Karnataka)

The IEI Students' Chapter, Department of Electronics and Communication Engineering of B N M Institute of Technology organized a Workshop on 'Industrial IoT' on 10 July 2023.



Participants during the workshop

Dadi Institute of Engineering & Technology, Visakhapatnam (Andhra Pradesh)

The IEI Students' Chapter, Department of Civil Engineering of Dadi Institute of Engineering & Technology organized a Guest Lecture on 'Modern Construction Material in Civil Engineering' on 19 July 2023.

News of Technical Activities from Engineering College Students' Chapter



Speaker and the participants during the Guest Lecture

Dayanandasagar College of Engineering, Bangalore (Karnataka)

The IEI Students' Chapter, the Department of Electrical and Electronics Engineering of Dayanandasagar College of Engineering conducted an Industrial Visit at Hotline Training Centre, Bangalore on 3 August 2023.



Participants during the visit

Guru Nanak Dev Engineering College, Bidar (Karnataka)

The IEI Students' Chapter, Department of Civil Engineering of Guru Nanak Dev Engineering College organized an Awareness Program on 'Importance of Clean & Green Environment' on the occasion of 'World Environment Day' on 12 June 2023.



Participants during the event

The IEI Students' Chapter also organized two Expert Talks on 'Opportunities for Civil Engineers' on 16 June 2023 and 'Biology for Engineers' on 21 June 2023.



View of the dias during the inaugural program of the event



Speaker during the lecture program

Additionally, they organized a Workshop on 'Applications of BIM in Construction Industry' on 5 July 2023.



Participants during the workshop

Jain College of Engineering, Belagavi (Karnataka)

The IEI Students' Chapter, Department of Electrical & Electronics Engineering of Jain College of Engineering organized a Three Days Workshop on 'Scilab/Xcos & Its Applications in Electrical Sciences' during 8 - 10 August 2023.



Lighting of the lamp during the event

News of Technical Activities from Engineering College Students' Chapter

They also organized a Lecture Session on 'Accelerator/Incubation-Opportunities for Students & Faculties-Early State Entrepreneurs' on 10 August 2023.



Speaker and the participants during the lecture session

The Chapter also arranged two events on the theme 'Cooking without Fire' on 1 August 2023 and 'Fine Art' on 2 August 2023.

They conducted an Industrial Visit to Hardware Design, Prototyping and Innovation Laboratory on 25 August 2023.



Participants during the industrial visit

M A M College of Engineering and Technology, Tiruchirappalli (Tamil Nadu)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of M A M College of Engineering and Technology conducted a Project Demonstration on 19 May 2023 and 31 May 2023.



Participants during the event

Matrusri Engineering College, Hyderabad (Telangana)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of Matrusri Engineering College organized an Elocution Competition on the topic 'Emerging Trends in Electrical Engineering Start-Up Opportunities' on 11 June 2023 and a Seminar on the theme 'A Guidance program on Career Opportunities after BE' on 15 June 2023.



Speaker and the participants during the seminar

The Chapter also organized a Poster Presentation Competition, three Technical Events named 'Tekuiz', 'Technovate (Technical Art)' and 'Circracker' on 23 June 2023.



Flyers of the events

They arranged a Guest Lecture on 'Importance of Gas Insulated Switchgear in Transmission and Distribution of Power' on 24 July 2023 and a Workshop on 'Recent Advances in 5G and Beyond' during 3-5 August 2023.

News of Technical Activities from Engineering College Students' Chapter



Speaker and the participants during the Guest Lecture

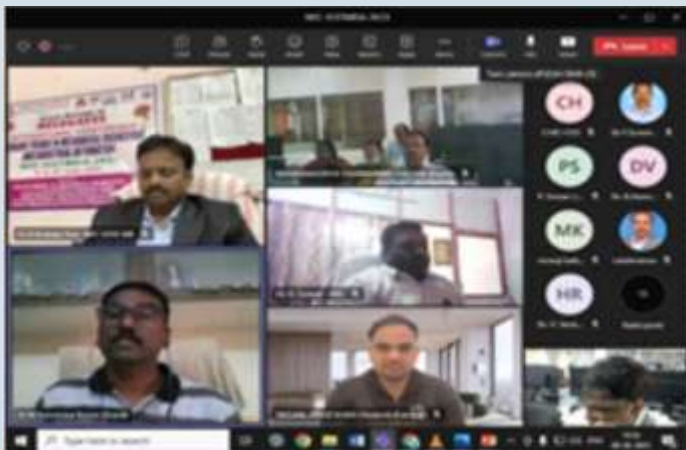
The IEI Students' Chapter, Department of Information Technology of Matrusri Engineering College organized a Two Days Workshop on 'ARM Cortex-M3 Applications' during 4-5 August 2023.



Speaker during the workshop

Narasaraopeta Engineering College, Guntur (Andhra Pradesh)

The IEI Students' Chapter, Department of Mechanical Engineering of Narasaraopeta Engineering College organized '3rd International Virtual Conference on Emerging Trends in Mechanical Engineering and Industrial Automation NEC-ICETMEIA-2k23' during 9 - 10 June 2023.



Screen-shot of the conference

National Engineering College, K R Nagar (Karnataka)

The IEI Students' Chapter of Department of Electronics and Communication Engineering of National Engineering College organized a Guest Lecture on 'Advanced Wireless Technologies: Beyond 5G and 6G' on 30 June 2023, a Special

Lecture on 'Silicon End to End Flow and Opportunities' on 15 July 2023 and a Guest Lecture on 'Scope of Blockchain in Industry' on 3 July 2023.



Speaker and the participants during the events

Pragati Engineering College, Kakinada (Andhra Pradesh)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of Pragati Engineering College conducted a Seminar on 'John Hopkinson' to commemorate the Birth Anniversary of John Hopkinson on 27 July 2023.



Speaker and the participants during the seminar

They also conducted a Seminar on Major Dhyan Chand on 'National Sports Day' on 29 August 2023.



Speaker and the participants during the seminar

News of Technical Activities from Engineering College Students' Chapter

PSCMR College of Engineering & Technology, Vijayawada (Andhra Pradesh)

The IEI Students' Chapter, Department of Computer Science & Engineering organized a Hands-on -Workshop on the theme 'Three Days Workshop on Canva' during 24 - 26 August 2023.



Participants during the workshop

Ramco Institute of Technology, Rajapalayam (Tamil Nadu)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of Ramco Institute of Technology conducted a Value Added Course on the theme 'Internet of Things' during 19 - 23 June 2023.



The speaker and the participants during the course

The Students' Chapter also organized a Three Days Faculty Development Program on 'Design of Electric Vehicle Using MATLAB Simulink®' during 24 - 26 July 2023.



The speaker during the program

The IEI Students' Chapter, Department of Computer Science and Engineering of Ramco Institute of Technology organized a Debate Competition on 4 July 2023.



Participants during the program

Sahyadri College of Engineering and Management, Mangaluru (Karnataka)

The IEI Students' Chapter, Department of Information Science & Engineering of Sahyadri College of Engineering and Management organized an event on the theme 'Agri You-Experiencing Agriculture' on 11 August 2023.



Participants during the event

SRM Institute of Science and Technology, Kattankulathur (Tamil Nadu)

The IEI Students' Chapter, Department of Electrical Engineering of SRM Institute of Science and Technology organized a Workshop on 'All India Workshop on Mobilizing Renewable Energy for Battery Swapping, G2V and V2G Charging Stations in India' during 21-22 July 2023.



Participants during the workshop

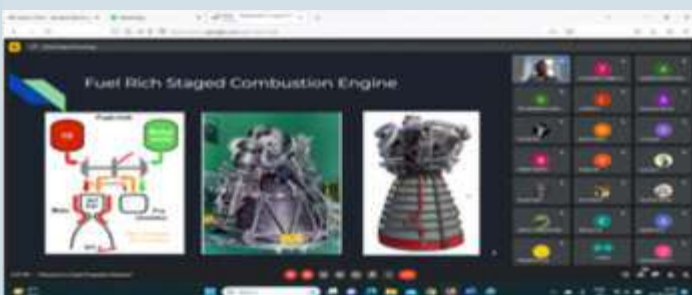
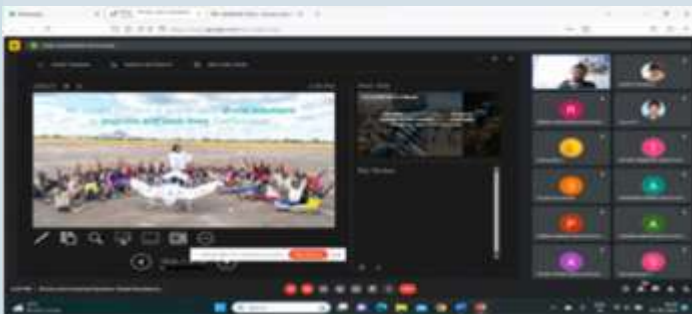
News of Technical Activities from Engineering College Students' Chapter

The IEI Students' Chapter, Department of Production Engineering of SRM Institute of Science and Technology organized a Two Days Workshop on 'CNC Programming & Practice through Mastercam on CNC Machine' during 27 - 28 July 2023.



Participants during the workshop

The IEI Students' Chapter, Department of Aerospace Engineering of SRM Institute of Science and Technology organized Webinars on 'Drones and Unmanned Systems: Global Development and Opportunities by 2025' on 11 August 2023 and 'Advances in Liquid Propulsion Systems' on 26 August 2023.



Screen-shots of the webinars

St. Joseph's Institute of Technology, Kamaraj Nagar (Tamil Nadu)

The IEI Students' Chapter, Department of Computer Science and Engineering of St. Joseph's Institute of Technology conducted an event 'Tech Tussel' on 9 June 2023.



Participants during the programme

They also arranged a Paper Presentation on the theme 'Ingenium' on 17 August 2023.

Vishnu Institute of Technology, Bhimavaram (Andhra Pradesh)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of Vishnu Institute of Technology organized 'The Researchers' Day' on 27 June 2023.



Participants during the programme

The IEI Students' Chapter, Department of Civil Engineering of Vishnu Institute of Technology organized a 'Spark Tank Event (Innovative Ideas for Project)' on 24 August 2023.



Participants during the event

The Chapter also organized an Industrial Visit on 26 August 2023.



Participants during the visit

News of Technical Activities from Engineering College Students' Chapter

East Zone

Muzaffarpur Institute of Technology, Muzaffarpur (Bihar)

The IEI Students' Chapters of Department of Electrical Engineering and Department of Civil Engineering of Muzaffarpur Institute of Technology were inaugurated on 13 July 2023.



Lighting of the lamp during the inaugural ceremony

Narula Institute of Technology, Kolkata (West Bengal)

The IEI Students' Chapter, Department of Computer Science & Engineering of Narula Institute of Technology hosted a Project Competition on the theme 'Waste Management' on 10 August 2023.



Participants during the competition

The IEI Students' Chapter, Department of Electrical Engineering of Narula Institute of Technology organized an event on 'Awareness Program on Students' Chapter under The Institution of Engineers (India)' on 25 July 2023.



Participants during the event

They also organized an Industry Visit to Parle G, Dhulagarh on 11 August 2023.



Participants during the visit

RCC Institute of Information Technology, Kolkata (West Bengal)

The IEI Students' Chapter, Department of Electronics & Communication Engineering of RCC Institute of Information Technology organized a Three Days Workshop on 'Bridging the Curriculum Gap in Electronic Devices and Circuits' during 17 - 19 July 2023.



Participants during the event

They also organized a One Day Seminar on 'Opportunities of Students for Early Stage Entrepreneur' on 17 August 2023.



Speaker and the participants during the event

News of Technical Activities from Engineering College Students' Chapter

West Zone

AISSMS College of Engineering, Pune (Maharashtra)

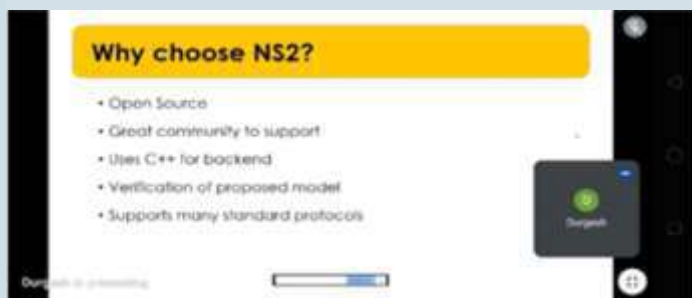
The IEI Students' Chapter, Department of Electronics & Telecommunication Engineering of AISSMS College of Engineering organized a Poster Competition on 12 May 2023 and a Project Competition on 18 May 2023.

The IEI Chapter also organized an Expert Lecture on 'Project Selection & Execution' on 18 May 2023.



Speaker of the expert lecture

They organized a Webinar on the theme 'Performance Evaluation of Ad hoc Wireless Routing Protocols Using Network Simulator 2' on 13 May 2023.



Screen-shot of the event

Additionally, they conducted an Industrial Visit at Mapro Food Park, Shendurjane on 6 May 2023 and an event on 'Personal Interview Techniques (Recruitment Drive: Avit-O-Virtue Drone and Robotics Club)' on 26 August 2023.



Participants during the visit

The IEI Students' Chapter, Department of Electrical Engineering of AISSMS College of Engineering organized a Workshop on 'Electric Vehicle Retrofitting' on 5 August 2023.



View of the dias during the event

They also organized an Industrial Visit to Proexcel Systems, Pune on 16 August 2023.



Participants during the visit

They also arranged a 'Coffee and Conversation' with the alumni on 25 August 2023.

B V M Engineering College, Vallabh Vidyanagar (Gujarat)

The IEI Students' Chapter, Department of Civil Engineering of B V M Engineering College organized a Seminar on 'Hydraulic Modeling' on 22 July 2023.



Speaker and the participants during the seminar

The Chapter also organized a lecture session on 'Road Safety Awareness' on 5 August 2023.

News of Technical Activities from Engineering College Students' Chapter



Speaker and the participants during the lecture session

Chameli Devi Group of Institutions, Indore (Madhya Pradesh)

The IEI Students' Chapters of Department of Information Technology, Chameli Devi Group of Institutions were inaugurated on 12 August 2023.



View of the dias and the participants during the inaugural ceremony

The IEI Students' Chapter organized an Alumni Talk on 'Application Resilience – Beyond Disaster Sustainable Grow' on 25 August 2023.



Participants during the event

Dr J J Magdum College of Engineering, Jaysingpur (Maharashtra)

The IEI Students' Chapter, Department of Civil Engineering of Dr J J Magdum College of Engineering was inaugurated on 14 March 2023 followed by an Expert Lecture on the theme 'Career Opportunities through IEI Chapter'.



View of the dias during inaugural ceremony

G H Raison Institute of Engineering and Business Management, Jalgaon (Maharashtra)

The IEI Students' Chapters of Department of Computer Science and Engineering, Department of Information Technology, Department of Artificial Intelligence and Department of Data Science of G H Raison Institute of Engineering and Business Management organized a Workshop on 'Intellectual Property Rights (IPR) and IP Management for Startup' on 21 June 2023.



Speaker and the participants during the workshop

P R Pote Patil College of Engineering and Management, Amravati (Maharashtra)

The IEI Students' Chapter, Department of Electronics & Telecommunication Engineering of P R Pote Patil College of Engineering and Management organized an Alumni Talk on 'Career in VLSI' on 15 July 2023.



Participants during the event

News of Technical Activities from Engineering College Students' Chapter

The IEI Students' Chapter, Department of Computer Science and Engineering, P R Pote Patil College of Engineering & Management arranged a Project Exhibition of Internship Projects on 12 August 2023.



Participants during the event

The Chapter also arranged an Expert Talk on 'Big Data' on 21 August 2023.



Speaker and the participants during the event

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

The IEI Students' Chapter, Department of Electrical Engineering, Shri Sant Gajanan Maharaj College of Engineering organized a Two Day Workshop on 'Operation and Control of Power System' during 3-4 August 2023.



Speaker during the workshop

They also arranged a Seminar on 'Introduction to AutoCAD – Electrical' on 11 August 2023.



Speaker during the seminar

Live-Streaming of 'Landing of Chandrayan -3 on Moon' was also organised on 23 August 2023.

Thakur College of Engineering and Technology, Mumbai (Maharashtra)

The IEI Students' Chapters of Thakur College of Engineering and Technology were inaugurated on 23 August 2023.



Participants during the inaugural program

Zeal College of Engineering & Research, Pune (Maharashtra)

The IEI Students' Chapter, Department of Electrical Engineering of Zeal College of Engineering & Research organized two Expert Talks on 'Career Opportunity in Electrical Engineering' on 17 August 2023 and 'Career Opportunity in Electrical Engineering' on 23 August 2023.



Participants during the expert talks

News of Technical Activities from Polytechnic College Students' Chapter

Dr Y C James Yen Government Polytechnic, Kuppam (Andhra Pradesh)

The IEI Students' Chapter in Dr. Y C James Yen Government Polytechnic was inaugurated on 19 August 2023.



Lighting of the lamp during the inauguration ceremony

Government Polytechnic, Siddapur (Karnataka)

The IEI Students' Chapter of Government Polytechnic organized a Guest Lecture on 'Electrical Safety, Rules and Regulations and Practices' on 10 June 2023.



The speaker and the participants during the lecture

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

The IEI Students' Chapter of P A C Ramasamy Raja Polytechnic College organized Guest Lectures on (a) 'Vertical Transportation Systems' on 1 April, 8 April and 22 April 2023, (b) 'Universal Human Values' on 27 June 2023, (c) 'Basics of AutoCAD and MEP' on 27 June 2023.



Speaker and the participants during guest lecture on 'Vertical Transportation Systems'



Speaker and the participants during guest lecture on 'Universal Human Values'



Speaker and the participants during guest lecture 'Basics of AutoCAD and MEP'

The IEI Students' Chapter also organized Seminars on (a) 'Data Acquisition Systems' on 5 April 2023 (b) 'Resistance Welding and its Types & Arc Welding and its Types' on 6 April 2023, (c) 'Radiation Welding and its Types & Methods of Controlling Welding Current' on 10 April 2023 and (d) 'IC Engine Components, working of Four Stroke Petrol Engine, Water Cooling System in IC Engine and Ignition Systems etc.' during 19 - 28 June 2023.



Glimpses of the seminars

The Chapter arranged a Workshop on 'Life Skills Training Programme' during 13 -16 June 2023 and displayed a Technical Video on 'Four Stroke Petrol Engine and Water Cooling System in IC Engine' on 20 June 2023. The Chapter also conducted a Six Days Training Course on 'Arduino Programming' during 30 May - 6 June 2023, an In-Plant Training on 'Installation and Maintenance' during 19 May - 1 June 2023 and a Model Competition on 'Weal from Waste' on 11 August 2023.

Rajagopal Polytechnic College, Gandhinagar (Gujarat)

The IEI Students' Chapter of Rajagopal Polytechnic College organized a Seminar on 'Induction Programme for First Year Students' on 3 July 2023.



View of the dias during the inaugural session 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)40106248/ (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

Announcements

Call for papers for IEI Students' Journal

Members of the Students' Chapters of The Institution of Engineers (India) are cordially invited to submit full-length articles along with the report of plagiarism for the forthcoming Students' Journal (e-version) in the following approved themes:

- Application of AI in Manufacturing Industry
- Application of AI in Process Industry
- Application of AI in Construction Industry
- Application of AI in Mining Industry

The articles preferably restricting to 3000 words along with good quality of photographs should be submitted in MS Word format (Times New Roman, Font size - 12 and single column) and duly filled in Declaration Form to studentchapter@ieindia.org within 30 September 2023.

'Third Students' Regional Conclave & National Conference' FY: 2023 -24

Proposals are invited from the existing Students' Chapters of Engineering College/Polytechnics of The Institution of Engineers (India) for organizing of the 'Third Students' Regional Conclave & National Conference 2023-24'. The Conclaves are region-wise (north/south/east/west) of the country and the conclave is comprising of different technical activities such as paper presentations, guest lectures by eminent personalities, panel discussions, technical exhibitions, model competitions and poster competitions etc. on a contemporary theme. The Conclaves aim at enrichment of technical knowledge and professional growth through mutual interaction amongst the Students, faculties of Engineering College/ Polytechnics.

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 **fifty numbers (50)** of students irrespective of the year of study in the same branch of engineering is required for opening a Students' Chapter.
- (ii) To enable formation of a Chapter in any recognized polytechnic minimum number of member required is **fifty (50)**. 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 Headquarters of The Institution of Engineers (India) alongwith the payment.

For enquiries, contact us at studentchapter@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.

