

# IEI

## Newsletter Students' Chapters

August  
2022

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### ALL INDIA STUDENTS' COMMITTEE (AISC) Session 2021-22

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## Mr Safikul Islam, FIE

Chairman,  
All India Students' Committee (AISC)  
The Institution of Engineers (India)

*'In September 2015, the General Assembly adopted the 2030 Agenda for Sustainable Development that includes 17 Sustainable Development Goals (SDGs). Building on the principle of "leaving no one behind", the new Agenda emphasizes a holistic approach to achieving sustainable development for all'.*

Among these, the sixth goal is 'Clean Water and Sanitation'. One of the basic needs of a proper livelihood is access to clean water. However, nearly one third of people worldwide is unable to access safe drinking water and 3 billion people do not have hand-washing facilities. The following targets have been set to ensure availability and sustainable management of water and sanitation for all:

*'By 2030, achieve universal and equitable access to safe and affordable drinking water for all*

*By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations*

*By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally*

*By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity*

*By 2030, implement integrated water resources management at all levels, including through trans-boundary cooperation as appropriate*

*By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes*

*By 2030, expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies'*

Support and strengthen the participation of local communities in improving water and sanitation management.'

India, the second most populous country in the world has more than six percentage of the population with lack of access to safe water. Lack of household water connections and toilets contributes largely to water-borne illnesses, stunting, and death. These factors have created an urgency to increase access to safe water and sanitation.

To accelerate the efforts, the Prime Minister of India had launched the Swachh Bharat Mission on 2nd October 2014. Under this mission, over hundred million toilets have been constructed in rural India. At present all States and Union Territories in India has been announced as "open-defecation free".

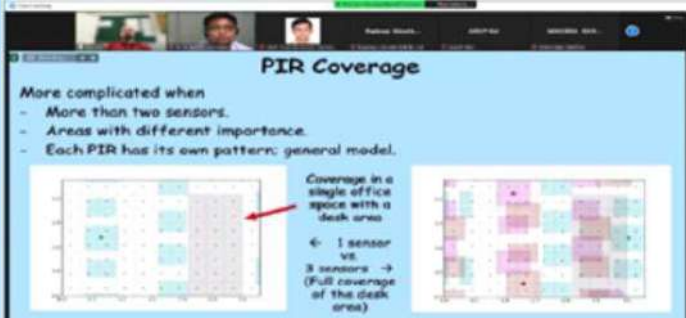
Engineers have always been the prime providers of newer technologies to ensure quality needs of society and meet contemporary challenges involving environmental conservations. Expansion of pipe borne water supply coverage, Integrated Water Resource Management, extension of piped sewerage systems, design, testing and maintenance of community based water and sanitation systems from portable toilets to underground rainwater tanks are some of the strategies used to assure clean water and proper sanitation. One large-scale approach used in the various countries is to divert water from resourceful regions to where it is scarce. Technologies for recycling of wastewater and sewage treatment, different technological approach such as nano-filtration membranes, drip irrigation technology, etc. are now in use in improving clean water availability.

Technical activities can be organized under the aegis of All India Students Committee on water and sewage system management to make the budding engineering students aware of the technological aspects towards improving availability of clean water and improved sewage system.

# Reports from Engineering College Students' Chapter

## Institute of Engineering and Management (West Bengal)

The IEI Students' Chapter, Department of Electronics and Communication Engineering of Institute of Engineering and Management organized an online international lecture on 'Advanced Machine Learning for IOT Application: A Short Tale of Some Recent Works' on 23 June 2022.



Screenshot of the lecture

## Matrusri Engineering College (Telengana)

The IEI Students' Chapter, Department of Information Technology of Matrusri Engineering College organized a seminar on 'Solving Business Problems and Decision Making in Data Analytics' on 9 June 2022.



View of speaker during the lecture

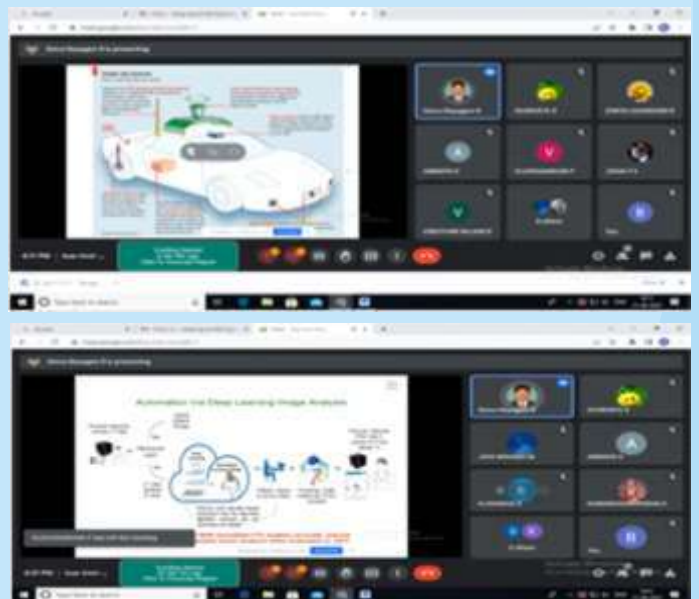
The IEI Students' Chapter of Department of Computer Science and Engineering of the institute organized webinars on 'Quantum Computing and Metaverse' on 7 July 2022 and on 'Opportunities for Students and Faculty-Early Stage Entrepreneurs' on 10 August 2022.



Screen-shots of the webinars

## Ramco Institute of Technology (Tamil Nadu)

The IEI Students' Chapter of Electronics and Communication Engineering Department of Ramco Institute of Technology organized a webinar on 'Challenges and Opportunities of Artificial Intelligence (AI) in Healthcare Applications' on 21 June 2022.



Screen-shots of the webinars

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of Ramco Institute of Technology conducted four days value added courses on 'Embedded

# Reports from Engineering College Students' Chapter

Controllers and its Applications in Electrical Engineering ' during 10-13 August 2022.

The IEI Students' Chapter, Mechanical Engineering Department of Ramco Institute of Technology organized Extramural Lecture Series (ELS)- NT007 webinar on 'Hydrogen And Its Applications ' on 19 August 2022.



Screen-shot of the webinar

## VR Siddhartha Engineering College (Andhra Pradesh)

The IEI Students' Chapter of Electrical and Electronics Engineering Department of VR Siddhartha Engineering College organized national student conference on 'Emerging Technologies and their Industrial Application ' on 19 May 2022.



View of the participants

## Bangalore Institute of Technology (Karnataka)

The IEI Students'Chapter, Electronics and Telecommunication Engineering Department of Bangalore Institute of Technology organized 'Talk on Benefits of Yoga and its Significance ' on 21 June 2022.



Screen-shot of the event

## B.S. Abdur Rahman Crescent University (Tamil Nadu)

The IEI Students' Chapter, Civil Engineering Department of B.S. Abdur Rahman Crescent University was inaugurated on 30 June 2022.



View of the dias during inauguration

## Saintgits College of Engineering (Kerala)

The IEI Students' Chapter, Department of Food Technology of Saintgits College of Engineering organized a technical project competition on 3 June 2022.



Screen-shot of the event

The Chapter also organized a poster competition namely 'Only One Earth ' on World Environment Day on 10 June 2022.

## JSPM's Rajarshi Shahu College of Engineering (Maharashtra)

The IEI Students' Chapter of Computer Engineering Department of JSPM's Rajarshi

# Reports from Engineering College Students' Chapter

Shahu College of Engineering organized automation testing expert session on 'Selenium Automation Tool' on 28 June 2022.



Screen-shot of the event

## Chameli Devi Group of Institutions (Maharashtra)

The IEI Students' Chapter, Computer Science and Engineering Department of Chameli Devi Group of Institutions organized expert talk on 'Career Guidance and Roadmap for Industry' on 23 June 2022.



View of the speaker and the participants

## Amrita College of Engineering and Technology (Tamil Nadu)

The IEI Students' Chapter, Mechanical Engineering Department of Amrita College of Engineering and Technology organized two days workshop on 'How to 3D Print' during 18-19 April 2022.

The IEI Students' Chapter, Electronics and Communication Engineering, Computer Science



Speaker and the participants during the event

and Engineering and Mechanical Engineering Department of Amrita College of Engineering and Technology organized a technical seminar on 'Digital Transformation' on 20 April 2022.



speakers during the events

## Sahyadri College of Engineering and Management (Karnataka)

The IEI Students' Chapter, Department of Mechanical Engineering of Sahyadri College of Engineering and Management organized a hands-on workshop on 'Robotic Welding' on 15 June 2022.

# Reports from Engineering College Students' Chapter



Participants during the workshop

The IEI Students' Chapter, Electronics and Communication Engineering Department of Sahyadri College of Engineering and Management organized a workshop on 'Business Model Canvas' on 28 June 2022.



Flyer of the workshop

The IEI Students' Chapter, Information Science and Engineering Department of Sahyadri College of Engineering and Management organized a webinar on 'File Structure Applications in IT' on 2 July 2022.

The IEI Students' Chapter, Information Science and Engineering Department of Sahyadri College of Engineering and Management organized a workshop on 'Hands-on Selenium Web driver' on 9 July 2022.



Screen-shot of the webinar

## Sathyabama Institute of Science and Technology (Tamil Nadu)

The IEI Students' Chapter, Computer Science Department of Sathyabama Institute of Science and Technology conducted a 'Cloud Security' event on 8 July 2022.



Speaker during the event

The IEI Students' Chapter, Electronics and Telecommunication Engineering Division of Sathyabama Institute of Science and Technology organized all India Seminar on 'Fundamentals of Artificial Intelligence' on 29 July 2022.



Participants during the event

The IEI Students' Chapter of Sathyabama Institution of Science and Technology observed World Telecommunication and Information Society Day and the theme was 'Digital Technologies for Older Persons and Healthy Ageing' on 17 May 2022.



View of Speaker and the participants

# Reports from Engineering College Students' Chapter

## RCC Institute of Information Technology (West Bengal)

The IEI Students' Chapter of Electronics and Communication Engineering Department of RCC Institute of Information Technology organized a three days workshop on 'Covering the Basic Electronics'.



Participants during the workshop

## NSS College of Engineering (Kerala)

The IEI Students' Chapter of Mechanical Engineering Department of NSS College of Engineering conducted a seminar on 'Ansys' on 22 June 2022.



The speaker and participants during the seminar

The IEI Students' Chapter, Mechanical Engineering Department of NSS College of Engineering conducted an industrial visit to 'Steel And Industrial Forging Ltd.' on 16 July 2022.



Participants during the industrial visit

## Institute of Aeronautical Engineering (Telangana)

The IEI Students' Chapter of Institute of Aeronautical Engineering inaugurated on 26 July 2022. A technical talk 'The Impact of 5G on Human Life in 21st Century' was also delivered by Mr B Brahma Reddy, Council Member and Member, AISC.



Participants during the inauguration ceremony

## Techno International New Town (West Bengal)

The IEI Students' Chapter, Electrical Engineering Department of Techno International New Town was inaugurated on 26 July 2022.



View during the inaugural session

## JNTU-GV College of Engineering (Andhra Pradesh)

The IEI Students' Chapter, Mechanical Engineering Department of JNTU-GV College of Engineering organized a one day national level workshop on 'Advances in Metal Additive Manufacturing' on 2 August 2022.



Flyer of the workshop

# Reports from Engineering College Students' Chapter

## **Sri Ramakrishna Engineering College (Tamil Nadu)**

The IEI Students' Chapter, Mechanical Engineering Department of Sri Ramakrishna Engineering College organized a guest lecture on 'Secure AIR DDR (Double Digit Rank) to join PSU's'.



Participants and speaker during the guest lecture

## **Sri Manakula Vinayagar Engineering College (Puducherry)**

The IEI Students' Chapter, Electrical and Electronics Engineering Department of Sri Manakula Vinayagar Engineering College organized a presentation on 'Benefits of IEI' and technical quiz were held on 12 March 2022.

A Sworn Ceremony and technical quiz were held on 17 March 2022. An industrial visit was organized to the 'Pentagon Switchgears Pvt Ltd, Coimbatore ' followed by observance of 'World Water Day ' on 18 March 2022.



## **Jawaharlal Nehru Technological University (Andhra Pradesh)**

The IEI Students' Chapter, Mechanical Engineering Department of Jawaharlal Nehru Technological University conducted a national level workshop on 'Advances in Metal Additive Manufacturing ' on 2 August 2022.



Participants during the workshop

## **Musaliar College of Engineering and Technology (Kerala)**

The IEI Students' Chapter, Civil Engineering Department of Musaliar College of Engineering and Technology was inaugurated on 22 July 2022.



View of the dias during the inaugural ceremony

## **TKM College of Engineering (Kerala)**

The IEI Students' Chapter, Chemical Engineering Department of TKM College of Engineering conducted two days workshop on 'Machine Learning Using Python ' during 23- 24 July 2022.



Participants during the workshop



# Reports from **Engineering College Students' Chapter**

## **Carmel College of Engineering and Technology (Kerala)**

The IEI Students' Chapter, Mechanical Engineering Department of Carmel College of Engineering and Technology was inaugurated on 29 July 2022.



View of the dias during the inaugural ceremony

## **Guru Nanak Dev Engineering College (Karnataka)**

The IEI Students' Chapter, Civil Engineering Department of Guru Nanak Dev Engineering College organized a three days student training program on 'SKETCHUP' during 4- 6 August 2022.



View of the dias during the inaugural function of the workshop

## **Symbiosis University Applied Sciences (Madhya Pradesh)**

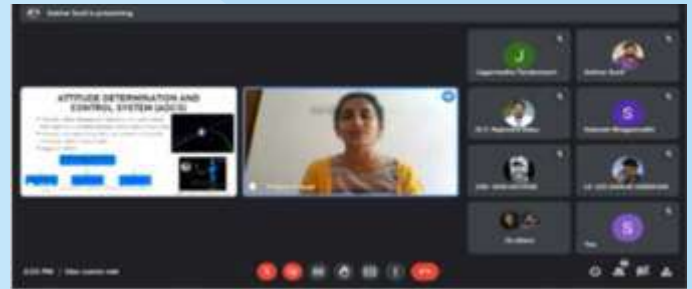
The IEI Students' Chapter, CSIT Department of Symbiosis University Applied Sciences organized one day seminar on 'AR and VR' on 9 August 2022.



Lighting of the lamp of the seminar

## **Potti Sriramulu Chalavadi Mallikarjunarao College of Engineering & Technology (Andhra Pradesh)**

The IEI Students' Chapter, Electrical and Electronics Engineering Department of Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology organized an online technical seminar on 'Attitude Control of Small Satellites in Low Earth Orbit' on 5 August 2022.



Screen-shot of the seminar

## **School of Infrastructure**

The IEI Students' Chapter, Civil Engineering Department of School of Infrastructure organized a technical webinar on 'Application of Sustainable Concrete in Modern Construction' on 6 July 2022.

## **Sri Sairam Engineering College (Tamil Nadu)**

The IEI Students' Chapter, Civil Engineering Division of Sri Sairam Engineering College organized two days All India Seminar on 'Green Building Concept and its application in Smart Cities' during 20 -21 May 2022.



View of the dais during the seminar

The Chapter also organized one day workshop on 'Advancement in Smart Cities by IOT and Artificial Intelligence' on 1 June 2022.



Lighting of the lamp ceremony

# Reports from **Engineering College Students' Chapter**

The IEI Students' Chapter, Electrical Engineering Division of Sri Sairam Engineering College organized two days all India Seminar on 'Application of Artificial Intelligence and Machine Learning in Electrical Engineering ' during 27-28 July 2022.

## **Saveetha Engineering College (Tamil Nadu)**

The IEI Students' Chapter of Saveetha Engineering College celebrated 'World Environment Day ' and the theme was 'Only One Earth ' on 10 June 2022.

## **St. Joseph's Institute of Technology (Tamil Nadu)**

The IEI Students' Chapter, Computer Science and Engineering Department of St. Joseph's Institute of Technology organized two days seminar on 'Information Privacy' during 1 - 2 June 2022.

The IEI Students' Chapter, Mechanical Engineering Department of St. Joseph's Institute of Technology organized two days workshop on 'Lean Manufacturing to Minimize Waste in Production Systems ' during 12 - 13 August 2022.



## **KLS Vishwanathrao Deshpande Institute of Technology (Karnataka)**

The IEI Students' Chapter, Electrical and Electronics Engineering Department of KLS Vishwanathrao Deshpande Institute of Technology organized one day workshop on 'Rewinding of AC Machines' on 30 June 2022.

The IEI Students' Chapter, Electronics and Communication Engineering Department of KLS Vishwanathrao Deshpande Institute of Technology organized online technical talk on 'Recent Trends in AI and ML and Market Landscape' on 16 July 2022.



View of the students during the workshop

## **AISSMS Institute of Information Technology (Maharashtra)**

The IEI Students' Chapter, Electrical Engineering Department of AISSMS Institute of Information Technology organized webinar on 'Interaction with Alumni for Future Prospectus in Electrical Engineering' on 4 August 2022.

The IEI Students' Chapter, Electrical Engineering Department of AISSMS Institute of Information Technology celebrated 'Akshay Urja Diwas (Renewable Energy Day)' on 22 August 2022.



Flyer of the event

The IEI Students' Chapter, Electrical Engineering Department of AISSMS Institute of Information Technology organized one week national level online faculty development program on 'Artificial Intelligence, Machine Learning and Internet of Things for Electrical Engineering' during 8 - 12 August 2022.



Screen-shot of the event

# Reports from Engineering College Students' Chapter

## SRM Institute of Science and Technology (Tamil Nadu)

The IEI Students' Chapter, Department of Computing Technologies of SRM Institute of Science and Technology, School of Computing organized a webinar on 'Industry Work Cultures and Challenges' on 11 June 2022 and an expert talk on 'Higher Studies and Job Opportunities at USA' on 01 August 2022.



View of the dias during the talk

## L D College of Engineering (Gujarat)

The IEI Students' Chapter, Environmental Engineering Department of L D College of Engineering organized industrial visit at 'Common Effluent Treatment Plant (CETP) - Vatva, Ahmedabad' on 6 August 2022.

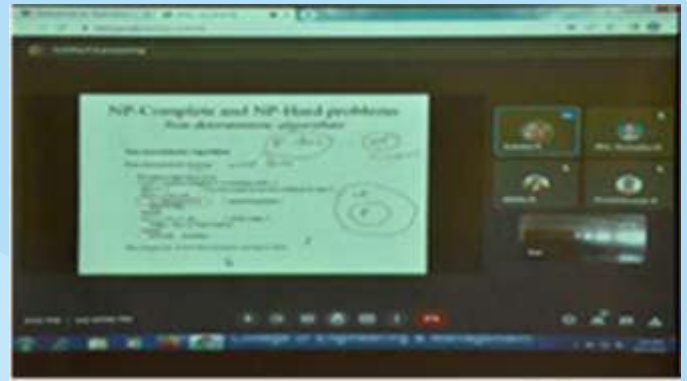


Participants during the industrial visit

The IEI Students' Chapter, Biomedical Department of L D College of Engineering organized a seminar on 'Overseas Education Opportunities for Biomedical Engg. Students' on 27 July 2022.

## Sahyadri College of Engineering and Management (Karnataka)

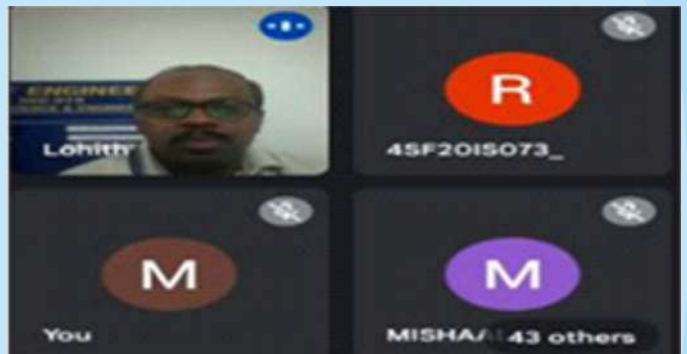
The IEI Students' Chapter, Information Science and Engineering Department of Sahyadri College of Engineering and Management organized a webinar on 'Lean Startup and Minimum Viable Product (Robotic Process Automation)' on 11 August 2022.



Screen-shot of the webinar

The IEI Students' Chapter, Information Science and Engineering Department of Sahyadri College of Engineering and Management organized a webinar on 'Application of NP-hard and NP-Complete in Research and IT' on 11 August 2022.

The IEI Students' Chapter, Information Science and Engineering Department of Sahyadri College of Engineering and Management organized a workshop on 'Hands-on Cisco Packet Tracer' through Google Meet on 12 August 2022.



Screen-shot of the event

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

The IEI Students' Chapter, Mechanical Engineering Division of Shri Sant Gajanan Maharaj College of Engineering arranged 'Tree Plantation Drive: One Tree and One Selfie' to mitigate the climate change on 15 August 2022.



Participants during the event

# Reports from Engineering College Students' Chapter

## Guru Nanak Dev Engineering (Karnataka)

The IEI Students' Chapter, Electrical and Electronics Engineering Department of Guru Nanak Dev Engineering organized an event on 'Knowledge Blow' on 29 July 2022.



Flyer of the event

## Sagar Institute of Science Technology and Research (Madhya Pradesh)

The IEI Students' Chapter, Civil Engineering Department of Sagar Institute of Science Technology and Research organized Lectures on 'Water Conservation Techniques' on 1 August 2022.



Speaker and participants during the event

The IEI Students' Chapter, Civil Engineering Department of Sagar Institute of Science Technology and Research organized Lectures on 'Construction Techniques' on 5 August 2022.



Speaker and participants during the event

## Godavari Institute of Engineering and Technology (Andhra Pradesh)

The IEI Students' Chapter, Mining Engineering Department of Godavari Institute of Engineering and Technology was inaugurated on 17 August 2022.



Presentation of the Certificate during inauguration program

## Narayana Engineering College (Andhra Pradesh)

The IEI Students' Chapter, Electronics and Communication Engineering Department of Narayana Engineering College conducted a technical talk on 'Electronic Displays' on 6 August 2022.



Speaker and participants during the event

# Reports from Polytechnic College Students' Chapter

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

The IEI Students' Chapter of P A C Ramasamy Raja Polytechnic College organized Guest Lecture on 'Vertical Transportation Systems' on 2 and 9 April 2022. The Chapter also conducted a lecture on 'EMI and EMC Test' on 13 April 2022 and arranged guest lectures on 'Digital Manufacturing' on 22-23 April 2022, 29-30 April 2022, 11-12 May 2022 and 18-19 May 2022 and 'Vertical Transportation Systems' on 23 April 2022, 30 April 2022, 7 May 2022 and 14 May 2022.



Speaker and the participants during guest lectures

# Announcement

## Best Students' Chapter Award

The Institution annually awards the Best Students' Chapter Award (First, Second and Third category) amongst the Engineering Colleges Students' Chapters based on the technical activities organized during the period 01 April 2021 – 31 March 2022.

The award winners will receive a Certificate and the Trophy alongwith a cheque of the amount as mentioned below:

- Best Engineering College Students' Chapter Award: Rs. 20,000/-
- Second Best Engineering College Students' Chapter Award: Rs. 15,000/-
- Third Best Engineering College Students' Chapter Award: Rs. 10,000/-

In order to participate in this activity, you are advised to submit a consolidated structured report, incorporating all technical activities organised by your Chapter during the period 01 April 2021 – 31 March 2022, along with photographs (in hard copies), so as to reach to us latest by 15 October 2022.

## Award of Scholarship

Members of the IEI Students' Chapters may apply for scholarships instituted by The Institution of Engineers (India).

### Eligibility Criteria:

- (i) Possesses good conduct;
- (ii) Regular full-time student of an engineering college / a polytechnic;
- (iii) Have passed all subjects of the qualifying examination with an aggregate of minimum 60% marks throughout (that is in Class X/Class XII/equivalent/all semester of engineering college/polytechnic)
- (iv) Not availing scholarship or any other financial assistance from any other sources;

The application form alongwith the enclosures can also be downloaded from our website following the link <https://www.ieindia.org/webui/IEI-Network.aspx#students-chapters>

The applications (duly filled in and signed by student/s, after endorsing the same by the Principal) must reach us latest by 15 October 2022.

## 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 event organised. The format of the report is available in the link

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

## 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)40106248/ (033)40106302.

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

In spite of the serious situation due to COVID-19 and complete lock down we are trying our best to serve our esteemed members/prospective members. Your kind cooperation is solicited. You are requested to submit your membership application only **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)

**STAY HOME STAY SAFE**

# Steps to establish IEI Students' Chapters in

## Engineering Colleges/ Polytechnics

Engineering Colleges/ Polytechnics may establish Students' Chapter of IEI with atleast 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 in 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 the webpage [www.ieindia.org](http://www.ieindia.org) . The forms have to be filled up by the students willing for members of Students' Chapter in consultation with the Adviser.
- The requisite fee to be collected from each student as per the year of study as given below.

### i) For Degree Engineering College:

Membership fee for Student 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			

### ii) For Polytechnic:

Membership fee for Student Chapter	Subscription (Rs)	Share of Polytechnic/ 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 details e-mail to [studentchapter@ieindia.org](mailto:studentchapter@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.
- ❖ Reimbursement of travelling expenses to students selected for presentation of technical papers in Technicians'/Students' Convention of IEI.
- ❖ 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>).
- ❖ **Best three** technical papers presented in the Seminar and Technical Sessions by student members of Engineering College and Polytechnic Students' Chapters are awarded in the Annual Convocation and Technicians'/ Students' Convention.
- ❖ The **Students' Chapter Newsletter** is distributed amongst the Chapter members which is sent to the Advisers. IEI Students' Chapter Newsletter may be also browsed through [www.ieindia.org](http://www.ieindia.org).
- ❖ **B P Kapadia Memorial Prizes and upto Rs 27,000/-** to be awarded to the best three participants in Technical Session and Seminar during Student chapters' convention of Engineering College, Polytechnic Colleges and Technician Chapter separately.
- ❖ **EnggTalks** has been launched for student chapter members as community to interact amongst the engineering fraternity the same may be browsed through <https://www.enggtalks.com/communities/17>.
- ❖ The Students' Chapters may participate in **Regional Conclave** to be organized in the emerging field of engineering by engineering college and polytechnic region wise.



