

IEI

Newsletter Students' Chapters

October
2023

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Mohammad Iquebal Alam, FIE

Chairman,
All India Students' Committee (AISC)

Green technology refers to products and its services that are environment friendly. The term is also used to mean alternative fuels that are less harmful than fossil fuels. Green technologies not only encompass bio-energy, it also includes technologies to reduce and reuse like waste water treatment, waste management and recycling them. It even covers minimizing landfill and its impact, burning landfill to generate electricity and so on. Construction industry has also been impacted immensely and is evident in self-sufficient buildings, low carbon construction ie energy efficient buildings made with green materials with smaller footprints, etc. This revolution has also touched agricultural industry through vertical farming and composting. In times when impact of climate change on human life is immense, green energy finds its place as the most exercised subject.

Implementation and usage of green energy has also come to limelight in the world's most populated country, India. Energy consumption in India is mostly due to solar energy, followed by wind, biomass and hydroelectric power. The country has launched National Solar Mission and is building solar parks solar cities etc. Green energy project are being carried out in areas where conventional grid cannot be established. However, India is still facing challenges for its widespread adoption of renewable sources as the required materials need to be imported for the solar supply chain, leading to foreign exchange pressure. Based on conservative estimates, more than 50% of the project costs for each megawatt of solar PV power plant installation in India lead to the outflow of foreign exchange.

The market of electric vehicles, both two-wheeler and four-wheeler has increased enormously in last few years. But, our country lacks the capacity for domestically manufacturing battery cells. The alternative approach may be to source cells from regions where their production is more prevalent and focus on establishing the remaining components of the supply chain in India to scale up the manufacturing of battery packs, particularly for commercial vehicles.

In addition to production of green energy, a number of start-ups have also been established in India providing waste to energy solutions, reducing air pollution, rain water harvesting management systems (that are implemented to store rain water as well as recharge ground water), production of lead-acid battery recycling, etc.

Thus, our country is approaching a new era of green technologies opening up doors for new research areas, employment and industries.

The Students' Chapters of the Institution organizes seminars, conferences 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 encompassing green technologies.

News of Technical Activities from Engineering College Students' Chapter

Northern Zone

Anand International College of Engineering, Jaipur (Rajasthan)

The IEI Students' Chapter, ICE Department of Anand International College of Engineering organized a One Day Industry Expert Lecture on 'Designation Strategic Deal Maker' on 23 June 2023.



View of the speaker during the event

Chitkara University, Rajpura (Punjab)

The IEI Students' Chapter, Department of Computer Science and Engineering of Chitkara University conducted a codeathon event 'CodeXelerate: Fostering Innovative Minds' on 14 September 2023.

They also organized an Expert Talk on 'Critical Thinking on SATCOM & GPS Functioning' on 6 October 2023.



View of the speaker during the expert talk

The IEI Students' Chapter also organized two technical events on the theme 'Graphic Fusion: Unleashing Innovative Minds' on 28 September

2023 and on 'Skill Scouting: Fostering a Culture of Innovation' on 9 October 2023.

Graphic Era (Deemed to be University) Dehradun (Uttarakhand)

The IEI Students' Chapter of Department of Computer Science and Engineering of Graphic Era was inaugurated on 20 September 2023.



View of the dias

The Chapter organized a technical event on the theme 'Cybersecurity Academic Center of Excellence' on 27 September 2023.



Glimpses of the event

The IEI Students' Chapter also established an AI-Drone Lab within the Department on 11 October 2023.

News of Technical Activities from Engineering College Students' Chapter

SOUTHERN ZONE

Anurag University, School of Engineering, Majarguda (Telangana)

The IEI Students' Chapter, Department of Mechanical Engineering of Anurag University organized a Guest Lecture on 'Future Scope of 3D Printing' on 24 August 2023.



Speaker and the participants during the lecture

The IEI Students' Chapter, Department of Civil Engineering of Anurag University conducted a Guest Lecture on 'Calculation of Influence Line Diagram' on 1 August 2023.



Speaker and the participants during the lecture

The Students' Chapter also organized a Technical Visit to 'Konda Pochamma Sagar at Yerravalli' on 4 September 2023.



View of the participants during the visit

The IEI Students' Chapter, Department of Civil and Mechanical Engineering organized a Technical Talk on 'Technology Awareness Program' on 13 September 2023.



Speaker and the participants during the lecture

The IEI Students' Chapters also celebrated Engineers Day on 15 September 2023.



Lighting of the lamp ceremony of the event

The IEI Students' Chapter, Department of Electronics & Communication Engineering of Anurag University organized a two days Workshop on 'Low Power VLSI Design' and 'Analog VLSI Design' during 12-13 September 2023.



View of the participants during the workshop

Arunachala College of Engineering for Women Nagercoil (Tamil Nadu)

The IEI Students' Chapter, Department of Artificial Intelligence & Data Science of Arunachala College of Engineering for Women organized a Workshop on 'The Robotics and Intelligence System' during 4-5 October 2023.



View of the speaker and the participants during the event

News of Technical Activities from Engineering College Students' Chapter

They also organized a Workshop on 'Value Added to Nextgen AI' on 4 October 2023.



View of the participants during the workshop

BMCE College of Engineering, Sasthamcotta (Kerala)

The IEI Students' Chapter, Department of Mechanical Engineering of BMCE College of Engineering observed 'Royal Charter Day 2023' on 19 September 2023.



View of lighting of the lamp during the event

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

The IEI Students' Chapter, Department of Civil Engineering of Dadi Institute of Engineering & Technology celebrated the 56th Engineers' Day on 15 September 2023.



Flyer of the event

Karpagam College of Engineering, Coimbatore (Tamil Nadu)

The IEI Students' Chapter, Department of Electronics and Communication Engineering of Karpagam College of Engineering organized a one day Hands-on-Training program on the theme 'End to End IIOT Using Python and Node JS' on 26 August 2023.



View of the participants during the event

Lendi Institute of Engineering and Technology, Vizianagaram (Andhra Pradesh)

The IEI Students' Chapters of Lendi Institute of Engineering and Technology celebrated Engineers Day on 15 September 2023 and conducted Project Expo, Quiz, Essay Writing, Paper Presentation, Painting and Innovative Ideas for the students.

Manipal Institute of Technology, Manipal (Karnataka)

The IEI Students' Chapter, Department of Electrical & Electronics Engineering of Manipal Institute of Technology hosted a Club Expo on 12 September 2023.



Glimpses of the event

News of Technical Activities from Engineering College Students' Chapter

They conducted an Industrial Visit to Shakthi Transformers, Bairampally on 17 October 2023.



Participants during the visit

Marian Engineering College, Trivandrum (Kerala)

The IEI Students' Chapter, Department of Civil Engineering of Marian Engineering College conducted an Expert Talk on 'Geopolymer Concrete for Sustainable Structures' on 29 September 2023.



View of Lighting of the lamp

Matrusri Engineering College, Hyderabad (Telangana)

The IEI Students' Chapter of Matrusri Engineering College organized Technical Session on 'Preventive Behaviour for Addiction', Elocution Competition on 'Smart Engineering for Better World' and Essay Writing Competition on 'Engineering Innovation for a More Resilient World' on 15 September 2023.



Glimpses of the event

Narasaraopeta Engineering College, Guntur (Andhra Pradesh)

The IEI Students' Chapter, Department of Mechanical Engineering, Narasaraopeta Engineering College organized a One Day Guest Lecture on 'Insight on Certifications & Career Growth on NDT' on 22 August 2023.



View of the speaker during the event

P A College of Engineering, Mangaluru (Karnataka)

The IEI Students' Chapter, Department of Civil Engineering of P A College of Engineering celebrated 'Engineers Day' on 15 September, 2023.



View of the dias

Paavai Engineering College, Namakkal Dist. (Tamil Nadu)

The IEI Students' Chapter, Department of Cyber Security of Paavai Engineering College organized a Hands-on-Training on 'Malware Analysis' during 8-9 September 2023.



View of the dias during the event

News of Technical Activities from Engineering College Students' Chapter

The IEI Students' Chapter, Department of Electronics and Communication Engineering of Paavai Engineering College organized an Alumni Guest Lecture on 'Project Management and Scrum Roles' during 2 September 2023.



View of the dias during the event

The IEI Students' Chapter, Department of Mechatronics Engineering of Paavai Engineering College conducted club activities on the theme 'Tech Brain War' on 25 July 2023.



View of the participants during the event

The IEI Students' Chapter, Department of Aeronautical Engineering of Paavai Engineering College organized an online Guest Lecture on 'Scopes and Application of NDT in Aeronautical Sector' on 26 July 2023.



Screenshot of the event

PACE Institute of Technology and Sciences, Ongole (Andhra Pradesh)

The IEI Students' Chapter, Department of Civil Engineering of Pace Institute of Technology and Sciences conducted 'Engineers Day' Celebrations on 15 September 2023.



View of the participants during the event

Pragati Engineering College, Kakinada (Andhra Pradesh)

The IEI Students' Chapter, Department of Electrical & Electronics Engineering of Pragati Engineering College organized a Seminar & Essay Writing Competition for the celebration of the Engineers Day on 15 September 2023.



View of the participants during the event

The IEI Students' Chapter, Department of Mechanical Engineering of Pragati Engineering College conducted various activities like Power Point Presentation, Technical Art & Quiz and MECH Block on the occasion of Engineer's Day on 15 September 2023.

News of Technical Activities from Engineering College Students' Chapter



View of the dias during the event

QIS College of Engineering and Technology, Ongole (Andhra Pradesh)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of QIS College of Engineering and Technology organized Guest Lecture on 'Transmission and Distribution of Power System and OPGW Cable Network' on 30 August 2023.



View of the speaker during the event

The Students' Chapter also organized Guest Lecture on 'Power System Operation and Control' on 2 September 2023.



View of the speaker during the event

Raghu Engineering College, Visakhapatnam (Andhra Pradesh)

The IEI Students' Chapter, Department of Civil Engineering of Raghu Engineering College celebrated Engineers Day on 15 September 2023.



View of the participants during the event

Ramco Institute of Technology, Rajapalayam (Tamil Nadu)

The IEI Students' Chapter, Department of Mechanical Engineering of Ramco Institute of Technology organized Group Discussion on 31 August 2023.



Participants and the speaker during the event

The Chapter also organized a Seminar on 'LaTeX Document Preparation Software' on 9 September 2023.



View of the speaker during the event

The IEI Students' Chapter, Department of Electronics & Communication Engineering, Ramco Institute of Technology organized a workshop on 'Measurement of RF and Microwave Circuits' on 22 August 2023.



View of the speaker during the event

News of Technical Activities from Engineering College Students' Chapter

The IEI Students' Chapter, Department of Electrical and Electronics Engineering, Ramco Institute of Technology conducted a 'Mini Project Contest' on 14 September 2023.



The IEI Students' Chapter also conducted 'Technical Film Show' on 25 September 2023.

Saintgits College of Engineering, Kottayam (Kerala)

The IEI Students' Chapter, Department of Electrical & Electronics Engineering of Saintgits College of Engineering organized a Presentation Competition on 'Engineering a Resilient Future: Building Stronger, Smarter, Safer' on 20 September 2023.



View of the participants during the event

Sapthagiri College of Engineering, Bengaluru (Karnataka)

The IEI Students' Chapter, Department of Computer Science & Engineering of Sapthagiri College of Engineering organized an event on the theme 'Talk on Scrum and Sprint in Agile Software Development' on 28 July 2023 and a Workshop on 'Innovation and Design Thinking' during 26-27 July 2023. They also conducted a Project Exhibition 'CG Mini Project Exhibition' on 21 July 2023.



Participants during the events

Saranathan College of Engineering, Thiruchirappalli (Tamil Nadu)

The IEI Students' Chapter, Department of Computer Science and Engineering of Saranathan College of Engineering celebrated a Engineers's Day and organized a Guest Lecture on 'Software Testing and Automation Testing Tools' on 15 September 2023.



View of the speaker and the participants

Sona College of Technology, Salem (Tamil Nadu)

The IEI Students' Chapter, Department of Civil Engineering of Sona College of Technology celebrated '56th Engineers Day' and conducted various Technical and Non-Technical Events like Paper Presentation, Quiz, Group Discussion, Film Show and Photography during 14-15 September 2023.



View of the participants during the event

They also organized a Special Lecture on 'Site Focus and Construction Aspects for Civil Engineers' on the same day.



View of the speaker during the event

News of Technical Activities from Engineering College Students' Chapter

Sri Balaji Chockalingam Engineering College, Thiruvannamalai District (Tamil Nadu)

The IEI Students' Chapters of Sri Balaji Chockalingam Engineering College was inaugurated on 14 September 2023.



View of the dias during the inaugural program

Sri Krishna College of Engineering and Technology, Coimbatore (Tamil Nadu)

The IEI Students' Chapter, Department of Civil Engineering of Sri Krishna College of Engineering and Technology organized a Webinar on 'Air Pollution: Socio Economic Challenges and Policy Regulations' on 13 September 2023.



Screenshot of the webinar

Sri Venkateswara College of Engineering & Technology, Chittoor (Andhra Pradesh)

The IEI Students' Chapter, Department of Civil Engineering of Sri Venkateswara College of Engineering & Technology celebrated Engineers Day on 15 September 2023.



View of the dias during the event

Sri Venkateswara College of Engineering, Sriperumbudur (Tamil Nadu)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of Sri Venkateswara College of Engineering organized a Guest Lecture on 'Design and Debugging Embedded Systems' on 17 August 2023.



View of the speaker during the event

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

The IEI Students' Chapter, Department of Aerospace Engineering of SRM Institute of Science and Technology conducted a Technical Webinar Talk on 'Fluidization of Yield Stress Materials under Vibration' on 14 October 2023.

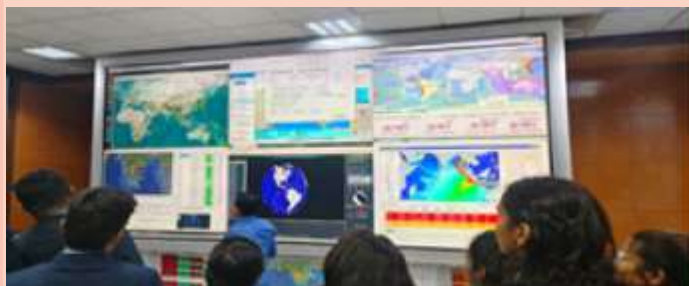


Screenshot of the webinar

News of Technical Activities from Engineering College Students' Chapter

St. Martin's Engineering College, Hyderabad (Telangana)

The IEI Students' Chapter, Department of Civil Engineering of St. Martin's Engineering College visited CPS Model School, Hyderabad on 13 September 2023 and to ESSO-Indian National Centre for Ocean Information, Hyderabad on 22 September 2023.



View of the participants during the event

St. Thomas Institute for Science and Technology, Trivandrum (Kerala)

The IEI Students' Chapter, Department of Computer Science and Engineering of St. Thomas Institute for Science and Technology was inaugurated on 21 September 2023.



View of lighting of the lamp during the event

Swarnandhra College of Engineering and Technology, Narsapur (Andhra Pradesh)

The IEI Students' Chapter, Department of Civil Engineering of Swarnandhra College of Engineering and Technology organized a Two Days Workshop on 'Differential Global Positioning System' during 28-29 August 2023.



View of the participants during the event

They also celebrated Engineers Day on 15 September 2023.



View of garlanding of statue of Sir M Visvesvaraya

The Chapter also organized a Guest Lecture on 'Introduction of Space Programme, Satellite Communication & Glorious Soft Touch Down of Lander' on 28 September 2023.

The IEI Students' Chapter, Department of Mechanical Engineering of Swarnandhra College of Engineering and Technology organized a Guest Lecture on 'Can Mechanical and Electronics Engineers Boost the Development of Biomedical Devices' on 19 September 2023.

They also celebrated the Engineers' Day and conducted an Essay Writing Competition on 15 September 2023.



View of the participants during the event

Vasireddy Venkatadri Institute of Technology, Guntur (Andhra Pradesh)

The IEI Students' Chapter, Department of Electrical & Electronics Engineering organized the following 'Exousia 2K23' comprising of various technical activities namely 'Blind Folded Circuits : Fusion Vision' and 'Optic Mystery : Component' during 5-6 October 2023:



Glimpses of the event

News of Technical Activities from Engineering College Students' Chapter

Vishnu Institute of Technology, Vishnupur (Andhra Pradesh)

The IEI Students' Chapter, Department of Civil Engineering, Vishnu Institute of Technology conducted an 'R & D Show Case' on 5 September 2023.



View of the participants during the event



Participants during the programme

The Chapter also conducted various activities like Brick Mania, Design Structure etc on the occasion of Engineers Day during 12-13 September 2023.



Participants during the programme

The IEI Students' Chapter, Department of Electrical & Electronics Engineering of Vishnu Institute of Technology organized 'Engineers Day' during 14-15 September 2023 with Guest Lecture, Quizzed & Curious, On-spot Chart Preparation etc.



Participants during the event

VR Siddhartha Engineering College, Vijayawada (Andhra Pradesh)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of VR Siddhartha Engineering College organized a Seminar on 'Electrical Vehicles' on 16 August 2023.



View of the speaker and the participants during the event

They also conducted an Awareness Program on Student Professional Societies on 23 August 2023 and on 30 August 2023.



View of the speaker and participants during the awareness program

The Chapter organized an event on Technical Speech on 13 September 2023 and a Guest Lecture on the theme 'Fuel Cell based Electrical Vehicles' on 20 September 2023.



View of the speaker and participants during the events

News of Technical Activities from Engineering College Students' Chapter

EASTERN ZONE

Narula Institute of Technology, Kolkata (West Bengal)

The IEI Students' Chapter, Department of Electrical Engineering of Narula Institute of Technology organized an Invited Lecture on 'Application of Artificial Intelligence in Electrical Engineering' on 16 August 2023.



View of the speaker during the event

The IEI Students' Chapter, Department of Computer Science & Engineering of Narula Institute of Technology celebrated 'Engineer's Day' on 15 September 2023.



View of the participants during the event

Regent Education & Research Foundation, Barrackpore (West Bengal)

The IEI Students' Chapter, Department of Computer Science & Engineering of Regent Education & Research Foundation was inaugurated on 26 August 2023. A Seminar was also organized on 'The Impact and Journey of Artificial Intelligence (AI) in the Computer Industry' concurrently with the inaugural program.



View of lighting of the lamp during the event

RCC Institute of Information Technology, Kolkata (West Bengal)

The IEI Students' Chapter, Department of Electronics and Communication Engineering of RCC Institute of Information Technology organized a technical event on the theme 'Value Proposition Fit and Business Fit' on 23 August 2023.



View of the speaker during the event

The Assam Kaziranga University, Jorhat (Assam)

The IEI Students' Chapter, Department of Civil Engineering The Assam Kaziranga University hosted 'Engineers' Day Celebration cum Student Development Programme' on 15 September 2023.



View of lighting of the lamp during the event

News of Technical Activities from Engineering College Students' Chapter

WESTERN ZONE

AISSMS College of Engineering, Pune (Maharashtra)

The IEI Students' Chapter, Department of Electrical Engineering AISSMS College of Engineering conducted a Webinar on 'Electrical Safety' on 29 August 2023. The Chapter organized a session on 'Key to Stress Free Living' on 15 September 2023 on the occasion of Engineer's Day.



Speaker during the session

The IEI Students' Chapter, Department of Civil Engineering, AISSMS College of Engineering arranged an Expert Lecture on 'Construction Practices in Civil Engineering Field' on 15 September 2023.



Participants and the speaker during the expert lecture

They also organized a Technical Industrial Visit to Construction Material Testing Laboratory, IR Solutions, Pune on 18 September 2023 and to Construction of Nondani and Mundrank Bhavan, PWD, Pune on 9 October 2023.



View of the participants during the visits

Angel Charities Fr. C Rodrigues Institute of Technology, Navi Mumbai (Maharashtra)

The IEI Students' Chapter, Department of Electrical Engineering of Angel Charities Fr. C Rodrigues Institute of Technology Vashi organized 'Ardiuno Workshop' on 30 August 2023.



Glimpses of the workshop

The Students' Chapter, Department of Electrical Engineering of Angel Charities Fr. C Rodrigues Institute of Technology Vashi organized a Yoga Workshop on 2 September 2023.



News of Technical Activities from Engineering College Students' Chapter



Glimpses of the workshop

Army Institute of Technology, Pune (Maharashtra)

The IEI Students' Chapter, Department of Mechanical Engineering, Army Institute of Technology arranged a Guest Lecture on 'Cohort Intelligence: An AI based Nature Inspired Optimization Method' on 14 September 2023.



View of the speaker during the event

B V M Engineering College, V V Nagar (Gujarat)

The IEI Students' Chapter, Department of Civil Engineering, B V M Engineering College organized a Seminar on 'Report on RFID Application in Civil Engineering' on 9 September 2023.



View of the speaker during the event

They also organized a Seminar on 'Gate Seminar by Acumen Academy' on 23 September 2023.

Babu Banarasi Das Northern India Institute of Technology, Lucknow (Uttar Pradesh)

The IEI Students' Chapter, Department of Computer Science and Engineering of Babu

Banarasi Das Northern India Institute of Technology organized Workshop on 'Mobile and Cross-Platform App Development using Android & Flutter' on 21 September 2023.

The IEI Students' Chapter, Department of Information Technology of Babu Banarasi Das Northern India Institute of Technology organized a Workshop on 'Mobile and Cross-Platform App Development Using Android & Flutter' on 21 September 2023.



View of the participants during the event

Bharati Vidyapeeth's College of Engineering for Women, Pune (Maharashtra)

The IEI Students' Chapter, Department of Electronics & Telecommunication Engineering of Bharati Vidyapeeth's College of Engineering for Women organized a Workshop on 'Awareness of MATLAB' during 21-22 August 2023.



View of the participants during the event

The Chapter also celebrated Engineers' Day on 15 September 2023.



View of the dias

Chameli Devi Group of Institutions, Indore (Madhya Pradesh)

The IEI Students' Chapter, Department of Information Technology of Chameli Devi Group of Institutions organized Industry Visit at HotWax Systems Pvt. Ltd, Indore on 6 October 2023.

News of Technical Activities from Engineering College Students' Chapter



Glimpses of the workshop

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

The IEI Students' Chapter, Department of Computer Science and Engineering & Information Technology of G H Raisoni Institute of Engineering and Business Management organized a Development Program on 'Cyber Forensics Practices under IEI Activity' during 21-25 August 2023. The Chapter also organized a Faculty Development Program on 'Blockchain: Security, Privacy and Applications' during 9-13 October 2023.



Flyer of the event

G H Raisoni Institute of Engineering & Technology, Nagpur (Maharashtra)

The IEI Students' Chapter, Department of Electrical Engineering of G H Raisoni Institute of Engineering & Technology conducted a Poster Making Competition on the theme Green Energy on 15 September 2023.

They organized Industrial Visits to 400 KV Substation at Khaparkheda, Nagpur on 16 September 2023, to Suguna Foods Pvt Ltd, Hinganghat on 18 September 2023.



View of the participants during Industrial Visits

The IEI Students' Chapter, Mechanical Engineering Department of G H Raisoni Institute of Engineering & Technology organized an Industrial Visit to Suguna Food Industries Pvt. Ltd, Hinganghat, Wardha on 25 September 2023.



View of the participants during Industrial Visits

Jain College of Engineering, Belagavi (Maharashtra)

The IEI Students' Chapter, Department of Electrical & Electronics Engineering of Jain College of Engineering celebrated Engineers Day on 15 September 2023.

News of Technical Activities from Engineering College Students' Chapter



View of the participants during the event

They also organized a Lecture on 'Energy Literacy Training' on 26 September 2023.



View of the participants during the event

L D College of Engineering, Ahmedabad (Gujarat)

The IEI Students' Chapter, Department of Biomedical Engineering of L D College of Engineering organized an Expert Session on 'Biomaterial Testing & Response of Human Body' on 11 September 2023.



View of the speaker and the participants during the event

The IEI Students' Chapter, Department of Electrical Engineering of L D College of Engineering organized an Industrial Visit to Kotarpur Water Works on 27 September 2023.



View of the participants during Industrial Visit

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

The IEI Students' Chapter, Computer Science and Engineering Department of P R Pote Patil College of Engineering & Management organized Teachers Day on 5 September 2023.



View of the participants during the event

The IEI Students' Chapter also organized a technical event on the theme 'Codeathon and Speakathon' on the occasion of Engineer's Day on 15 September 2023.

Parul University, Vadodara (Gujarat)

The IEI Students' Chapter, Department of Mechanical Engineering of Parul University organized an Online Technical Quiz Competition on 27 June 2023. They also organized an Expert Talk on the theme 'Casting: Prime Manufacturing Process' on 12 October 2023 and conducted an Industrial Visit to K P Buildcon Pvt. Ltd, Gujarat on 5 July 2023.

PES' College of Engineering, Phaltan (Maharashtra)

The IEI Students' Chapter, Department of Civil Engineering of PES's College of Engineering organized a Poster Presentation and Technical Rangoli Competition on the occasion of Engineer's Day on 15 September 2023.



Glimpses of the event

News of Technical Activities from Engineering College Students' Chapter

Sandip Institute of Technology and Research Centre, Nashik (Maharashtra)

The IEI Students' Chapter, Department of Mechanical Engineering of Sandip Institute of Technology and Research Centre organized a Poster Presentation Competition on the occasion of Engineers' Day celebration on 15 September 2023.



Glimpses of the event

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

The IEI Students' Chapter, Department of Mechanical Engineering of Shri Sant Gajanan Maharaj College of Engineering arranged Teacher's Day on 5 September 2023.



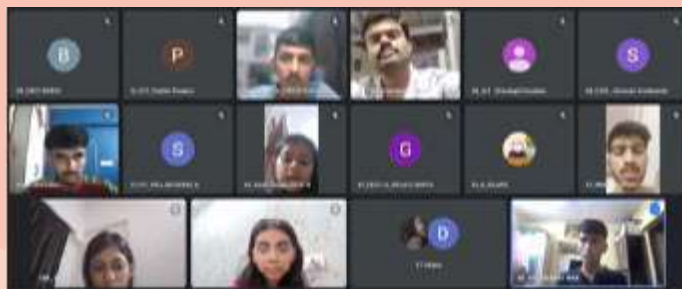
View of the speaker and the participants during the event

SKN Sinhgad College of Engineering, Pandharpur (Maharashtra)

The IEI Students' Chapter, Department of Computer Engineering of SKN Sinhgad College of Engineering organized a One Day Workshop on 'Development of Mobile Application using Flutter' on 11 October.

Thakur College of Engineering and Technology, Mumbai (Maharashtra)

The IEI Students' Chapter, Department of Internet of Things of Thakur College of Engineering and Technology conducted online Technical Quiz Competition namely 'Quizizz.com' on 18 September 2023.



Screenshot of the event

They also conducted a hands-on Workshop on 'Arduino' on 6 October 2023.



Glimpses of the workshop

The Chapter also organized a Technical Fest on the theme 'Zephyr 23' during 3-5 October 2023.



Glimpses of the event

UPL University of Sustainable Technology, Vataria (Gujarat)

The IEI Students' Chapter, Department of Environmental Science & Engineering of UPL University of Sustainable Technology organized a Quiz Competition on 'Aircyclopedia' on 11 September 2023.



View of the participants during the event

News of Technical Activities from Polytechnic College Students' Chapter

AISSMS's Polytechnic, Pune (Maharashtra)

The IEI Students' Chapter of AISSMS's Polytechnic organized an Technical Industrial Visit to Parvati Water Treatment Plant on 3 October 2023.



Participants during the visit

Jaywant College of Engineering & Polytechnic, Killemachindragad (Maharashtra)

The IEI Students' Chapter, Department of Civil Engineering of Jaywant College of Engineering & Polytechnic organized Nations Engineers Day along with 'Pragyan 2K23', Technical Event on 15th September 2023.



View of the dias

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

The IEI Students' Chapter, Mechanical Engineering Department of P A C Ramasamy Raja Polytechnic College celebrated the '56th Engineers' Day' on 15 September 2023.



View of the dias

Rajagopal Polytechnic College, Gudiyattam (Tamil Nadu)

The IEI Students' Chapter of Rajagopal Polytechnic College celebrated '56 Engineers Day' on 15 September 2023.



Glimpses of the event

Report of Technical Activities by Students' Chapter

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

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

Please provide the photographs of the event with clarity

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

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

International Conference
on

Material Innovations and Sustainable Infrastructure

Date: 2nd and 3rd February 2024

Venue

Vishnu Institute of Technology, Bhimavaram

Organized by

IEI Students' Chapter of Vishnu Institute of Technology

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.

