Inside

From the Chairman's Desk........

Prof (Dr) Chandrashekara S N, FIE
Chairman,
All India Students' Committee (AISC)

World Environment Day celebrated globally every year on 5th June since 1973. In the current context of environmental crisis, the largest global platform of environmental outreach is celebrated by millions of people across the world.

The themes of world environment day are based on various burning issues like Solutions to Plastic Pollution, One Earth Concept, Ecosystem Restoration, Time for Nature, Beat Air Pollution etc. Efforts have been made to make people aware of the problems leading to various environmental hazards and motivate them to take initiatives to restore the sustainability.

The theme of World Environment Day 2024 has been chosen as **'Land Restoration, Desertification and Drought Resilience'**. Land restoration is a key pillar of the UN Decade on Ecosystem Restoration (2021-2030). This emphasizes protection and revival of ecosystems throughout the world, which is critical for the Sustainable Development Goals (SDGs).

In recent times, the world is facing the triple planetary crisis, nearly, the crisis of climate change, the crisis of nature & biodiversity loss, and the crisis of pollution & waste. This crisis is propeling the world's ecosystems towards massive destruction. Billions of hectares of land are degraded, affecting almost half of the world's population and threatening half of global GDP. According to the UN Convention to Combat Desertification, up to 40 % of the planet's land is degraded, directly affecting half of the world's population and threatening roughly half of global GDP. The number and duration of droughts has increased immensely and if no actions are taken droughts may affect majority of the world's population in near future. Moreover, land restoration can reverse the increase of land degradation, drought and desertification. Such measures boost livelihoods, support food security, build resilience to extreme weather and increase carbon storage. This will help to drastically reduce species extinctions. Many countries have promised to restore billions of hectares, which will immensely motivate the restoration goals, slow climate change, protect nature, and improve the livelihoods of people around the world.

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 celebrate World Environment Day on 5 June 2024 (Wednesday) and help to generate awareness of our environmental crises.

Third Regional Conclave of Students' Chapter of IEI from Northern Region
'Innovations Shaping the Future: Exploring Emerging Trends in Engineering
The NorthCap University, Gurugram, Haryana on 16 March 2024

Third Regional Conclave of Students' Chapter of The Institution of Engineers (India) for Northern Region was organized on the theme **'Innovations Shaping the Future: Exploring Emerging Trends in Engineering: Exploring Emerging Trends in Engineering'** on 16 March 2024 hosted by the Student Chapter of The NorthCap University, Haryana in association with Haryana State Centre and

View of lighting of the lamp

Faridabad Local Centre of IEI. Welcome address was extended by Prof Prem Vrat, Pro-Chancellor of The NorthCap University and Chief Mentor & Professor of Eminence. Er K R Gupta, Chairman, Faridabad Local Centre along with Deputy Director (Membership) of IEI attended the programme. Prof Sushil Kumar, Chief Scientist at CSIR-National Physical Laboratory graced the event as Chief Guest. The inaugural session was followed by the Guest Lectures by –

- Dr Rakhi Nangia, Semiconductor Fab Policy Advisory at the Ministry of Electronics &

Information Technology, Govt. of India highlighted the insights into the semiconductor manufacturing ecosystem, its significance in fostering innovation & technological advancements

- Ms Divya Gera, Senior Data Scientist at Broadcom Inc., USA shared her expertise on the Generative AI, its applications and implications in diverse domains

- Mr Vineet Gupta, Manager Design & Branding, Gemini Solutions Pvt. Ltd., Gurgaon delivered the realm of human-computer interaction, elucidating its role in shaping user experiences & interface design.

The Technical sessions consisted of six parallel events including paper presentations, techno project competition, mini project/ model competition and Ideathon. The event was concluded with the felicitation program to the outstanding contributors and to the winners from the technical sessions. The event served as a platform for networking, learning and celebrating the spirit of innovation and collaboration in the field of engineering.

Vote of thanks for the Inaugural Session was proposed by Er I S Oberoi, Honorary Secretary of Faridabad Local Centre of IEI and Dr Vandana Khanna, Convenor of the Conclave & Associate Professor in Department of Multidisciplinary Engineering.

Dignitaries attending the event

Third Regional Conclave of Students' Chapter of IEI from Eastern Region
'Green Sustainability Development in Engineering & Technology'
JIS College of Engineering, Kalyani, West Bengal on 5 April 2024

Third Regional Conclave of Students' Chapter of IEI for Eastern Region was organized on the theme **'Green Sustainability Development in Engineering & Technology'** on 5 April 2024 hosted by JIS College of Engineering, Kalyani, West Bengal in association with West Bengal

View of the dias

State Centre of IEI. Welcome address was delivered by Prof Partha Sarkar, Principal of JIS College of Engineering where he highlighted on the areas of research on Green Sustainability in Engineering & Technology. On this occasion, Dr Sila Singh Ghosh, Vice President-CR, JIS Group emphasized on the importance of the theme as decided by IEI. Prof Raju Basak, Chairman & Er Anirban Datta, Honorary Secretary of West Bengal State Centre of IEI and the Deputy Director (Membership) of IEI graced the function and highlighted various activities of IEI in pan-India basis.

During the Conclave, the Chief Guest, Prof Angsuman Sarkar, Head, Department of Electronics & Communication Engineering, Kalyani Government Engineering College, West Bengal shared insightful thoughts on the theme. A thematic panel discussion session was held wherein the experts from industry, namely, Mr Avijit Chatterjee, Principal Engineer Design, Global Foundries and Mr Kaustav Dutta, Service Delivery Manager, Sap & Digital Transformation were present. During the Conclave, 35 Research Papers, five Posters and 19 Engineering Project Models highlighting innovative approaches towards green sustainability in engineering & technology have been presented. The Conclave ended with promoting of environmental consciousness & fostering innovation towards sustainable engineering practices.

Third Regional Conclave of Students' Chapter of IEI from Western Region
'Cyber Security and Digital Forensics'
G H Raisoni Institute of Engineering & Business Management, Jalgaon, Maharashtra on 15 March 2024

Third Regional Conclave of Students' Chapter of IEI for Western Region was organized on the theme **'Cyber Security and Digital Forensics'** on 15 March 2024 hosted by G H Raisoni Institute of Engineering & Business Management, Jalgaon, Maharashtra in association with Maharashtra State Centre and Nashik Local Centre of IEI. Dr Swati Patil,

Welcome Address by Dr. Sanjay Shekhawat Dean Academics, GHRIEBM, Jalgaon

Lighting of the lamp

Convener of the event briefly highlighted about IEI. Welcome address was delivered by Dr Sanjay Shekhawat, Dean-Academics. On this auspicious occasion, Prof A M Mahajan from KBC North Maharashtra University, Jalgaon was present as Chief Guest and addressed the gathering by highlighting how semiconductor utilises in the arena of cyber security. Er Milind Patil, Honorary Secretary, Maharashtra State Centre of IEI addressed briefed about various activities of IEI in pan India basis. On this occasion, the Keynote address was delivered by Dr Mahesh Sanghavi, Vice Principal, SNJB's Late Sau Kantabai Bhavarlalji Jain College of Engineering, Jalgaon where he focused on various aspects of cyber security & digital forensics by citing some real life case studies.

Keynote Speech by Dr .Mahesh Sanghavi Vice Principal, SNJB COE, Nashik

Different technical sessions including posters presentation, projects competition and papers presentations were held during the Conclave.

Dr Sonal Patil proposed vote of thanks at the end of inaugural ceremony.

Third Regional Conclave of Students' Chapter of IEI from Southern Region
Shaping the Future: Trends and Insights for Tomorrow
SRM Institute of Science & Technology, Kattankulathur, Tamil Nadu on 13 March 2024

Third Regional Conclave of Students' Chapter of IEI for Southern Region was organized on the theme **'Shaping the Future: Trends and Insights for Tomorrow'** on 13 March 2024 hosted by SRM Institute of Science & Technology, Kattankulathur, Tamil Nadu in association with Tamil Nadu State Centre and Kattankulathur Local Centre of IEI. A large

Technical talk presented by Ms. Vanitha

Technologies That Will Transform Industries". In this auspicious occasion, a Panel Discussion was held on the theme, "Disruptive Technologies Across all Domains" where Mr

View of the dias during the inauguration of the Regional Conclave

Speaker with the organizers

number of faculty members, students and participants from various Institutions across the Southern Region graced the occasion. During the Conclave, a Souvenir encapsulated the essence of the event and showcased the talent, creativity and innovation of the participants was released by the dignitaries. The lectures were presented by Ms Vanitha, Faculty, School of Business & Product Marketer, Zoho on the theme, "Exploring Diverse Applications of Virtual Reality and Augmented Reality" and Mr Alagan Sathianathan, CEO at Agira Tech on the theme, "Emerging

Shammy Narayanan, Senior Director, Thryve Digital Health LLP, Mr Jayaprakash Sampathkumar, Director & Head of Customer Communications, COE Barclay, Mrs Rajalakshmi Srinivasan, Director, Product Management, Zoho and Mr Vivek Madurai, Associate President, Kissflow were present. Apart from these, the Conclave featured a diverse range of activities including paper presentations, poster exhibitions, model competitions in showcasing the cutting edge technologies.

News of Technical Activities from Engineering College Students' Chapter

WEST ZONE

Anjuman College of Engineering and Technology, Nagpur (Maharashtra)

The IEI Students' Chapter, Department of Electrical Engineering of Anjuman College of Engineering and Technology organized "One Week Model Designing Based Workshop under Student Chapter IEI" during 5-13 October 2023.

participants during the event

They also organized a one day Workshop on "Energy Conservation & Poster Competition" on 16 December 2023.

They conducted an Industrial Visit to RTMNU Automation and Robotics Department on 13 March 2024.

participants during the event

Army Institute of Technology, Pune (Maharashtra)

The IEI Students' Chapter, Department of Mechanical Engineering of Army Institute of Technology organized Two Days Seminar on "Innovation, Entrepreneurship and Career Building" during 29 February to 1 March 2024.

Speaker during the event

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

The IEI Students' Chapter, Department of Electronics and Telecommunication Engineering of Bharati Vidyapeeth's College of Engineering for Women arranged a "Demonstration and hands on session on Klystron based Microwave Test Benches" on 21 February 2024.

Glimpses of the event

Birla Vishwakarma Mahavidyalaya, Vallabh Vidyanagar (Gujarat)

The IEI Students' Chapter, Department of Civil & Structural Engineering of Birla Vishwakarma Mahavidyalaya organized workshop on "Hands on Training on Digital Surveying Instruments" on 6 January 2024.

The IEI Students' Chapter also organized a workshop on "WaterGEMS: How to build, analyse and optimize the hydraulic models" on 24 February 2024.

Glimpses of the event

They organized a Seminar on "Urban Planning and Governance Using Geospatial" on 7 March 2024.

Speaker and the participants during the seminar

They also arranged a Seminar on "Green Building Innovation: Sustainable Material and Technology" on 8 April 2024.

Speaker and the participants during the seminar

The Students' Chapter organized a "Technical Visit to L & T – CSTI and Multi-Storey Building" on 2 March 2024.

Participants during the visit

Chameli Devi Group of Institutions, Indore (Madhya Pradesh)

The IEI Students' Chapter, Department of Information Technology of Chameli Devi Group of Institutions organized Hands on Workshop on 'SQL' on 5 March 2024.

Participants during the event

The IEI Students' Chapter, Information Technology Department of Chameli Devi Group of Institutions organized Expert Talk on "Defensive Side of Cyber Security" on 16 April 2024.

Speaker during the event

Don Bosco College of Engineering, Fatorda, Madgao (Goa)

The IEI Students' Chapter, Mechanical Engineering Department of Don Bosco College of Engineering was inaugurated and celebrated World Engineering Day also on 15th March 2024.

View of the dias

The IEI Students' Chapter, Mechanical Engineering Department of Don Bosco College of Engineering conducted a Seminar on "Basic First Aid" on 18 April 2024.

Speaker and the participants during the event

News of Technical Activities from Engineering College Students' Chapter

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

The IEI Students' Chapter, Department of Mechanical Engineering of Fr. C Rodrigues Institute of Technology conducted Short Term Training Program on Tools and Methods of Research and Publications during 2-6 January 2024.

Participants during the event

The IEI Students' Chapter, Department of Electrical Engineering of Fr. C Rodrigues Institute of Technology organized a Seminar on "Electric Vehicle" on 9 February 2024.

Speaker and the participants during the seminar

They also organized a Workshop on 'Latex' on 20 January 2024.

They organized a National Level UG Project Competition "Fr. CRITAvishkar" on 20 April 2024.

Participants during the event

Indian Society of Structural Engineers, Mumbai (Maharashtra)

The IEI Students' Chapter of Indian Society of Structural Engineers organized seminar on "Softwares for Structural Engineers" on 19 January 2024.

Lighting of the lamp during the event

L D College of Engineering, Ahmedabad (Gujarat)

The IEI Students' Chapter, Department of Electrical Engineering of L D College of Engineering organized a organized Awareness session of IEI Students' Chapter on 21 February 2024 and a Workshop on 'Real-time Implementation of IOT' using NodeMCU' on 23 February 2024.

Glimpses of the event

They organized an Industrial Visit at Adani Industries Mundra, Gujarat during 2-3 April 2024 and to Institute of Plasma Research, Gandhinagar during 8-9 April 2024.

Participants during the visit

Loknete Gopinathji Munde Institute of Engg. Education & Research, Nashik (Maharashtra)

The IEI Students' Chapter, Department of Mechanical Engineering of Loknete Gopinathji Munde Institute of Engineering & Research organized "Two Days Workshop on FEA using ANSYS Workbench" during 6 – 7 March 2024.

Participants during the workshop

M G M's College of Engineering, Nanded (Maharashtra)

The IEI Students' Chapter, Computer Science & Engineering Department of M G M's College of Engineering organized a One Day Workshop on "Git and GitHub" on 3 April 2024.

Speaker during the workshop

PES's College of Engineering, Phaltan (Maharashtra)

The IEI Students' Chapter, Department of Mechanical Engineering of PES's College of Engineering organized "3D-Modelling" competition and a Poster Presentation Competition on 9 March 2024.

Glimpses of the event

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

The IEI Students' Chapter, Department of Computer Science and Engineering of P R Pote Patil College of Engineering & Management organized Mini Project Competition on "Brain & Rain" on 21 March 2024.

Participants during the prize distribution ceremony

Sant Gajanan Maharaj College of Engineering, Shegaon (Maharashtra)

The IEI Students' Chapter, Department of Electrical Engineering of Sant Gajanan Maharaj College of Engineering organized Guest Lectures on "Electrical Switchgear" on 15 January 2024 and on "Transformer Design and Testing" on 2 February 2024.

Participants during the event

They conducted a One Day Workshop on "Electrical Distribution System" on 1 March 2024.

Trainer and the participants during the wokshop

They organized an Expert Lecture on "Power Distribution System" and "Transformer Protection" during 20 – 21 March 2024.

Speaker and participants during the event

The IEI Students' Chapter, Department of Electrical Engineering of Sant Gajanan Maharaj College of Engineering organized a Four Day Student Development Program on "NI LabView Graphical System Design" during 27 – 30 March 2024.

Participants during the programme

Sarsawati College of Engineering, Navi Mumbai (Maharashtra)

The IEI Students' Chapter, Department of Civil Engineering of Sarsawati College of Engineering inaugurated on 25 January 2024.

Lighting of the lamp during the inaugural ceremony

Thakur College of Engineering and Technology, Mumbai (Maharashtra)

The IEI Students' Chapters of Thakur College of Engineering and Technology organized a Workshop on 'Research Paper Writing' held on 13 February 2024.

Speaker during the event

The IEI Students' Chapter also organized a 'Technical Idea Presentation' conducted Online on 20t February 2024.

Screenshot of the event

The IEI Students' Chapter of Thakur College of Engineering and Technology organized a Technical Paper Presentation, conducted online on 21st February 2024.

The IEI Students' Chapter, Department of Internet of Things of Thakur College of Engineering and Technology organized a Workshop on "Blog Writing" held on 2 April 2024.

Participants during the event

The IEI Students' Chapter also organized a Seminar on "Business Model Canvas" on 3 April 2024.

Participants during the event

They conducted a One Day Technical Tour at the BuildINT Corporate Office on 5 April 2024.

Participants during the event

They organized a Project Competition on 8 April 2024.

The IEI Students' Chapter of Thakur College of Engineering and Technology organized "Outreach Activity: Exploring Space World with the Space CloudScape Project" on 12 April 2024.

SOUTH ZONE

Anurag University, Hyderabad (Telangana)

The IEI Students' Chapter, Department of Civil Engineering conducted a "Model Exhibition" on 20 April 2024.

Glimpses of the event

CMR Engineering College, Medchal Road, Hyderabad (Telangana)

The IEI Students' Chapter, Department of Computer Science and Engineering of CMR Engineering College was inaugurated on 27 March 2024.

View of the dias

News of Technical Activities from Engineering College Students' Chapter

Government College of Engineering, Bargur (Tamil Nadu)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of Government College of Engineering, Bargur was inaugurated and organized Workshop on Industrial Automation using PLC on 13 March 2024.

View of the dias during the inaugural session

J J College of Engineering and Technology, Trichy (Tamil Nadu)

The IEI Students' Chapter of Department of Computer Science and Engineering of J J College of Engineering and Technology inaugurated on 12 March 2024.

View of the dias

The IEI Students' Chapter, Department of Information Technology of J J College of Engineering and Technology was inaugurated on 24 April 2024 alongwith Technical Quiz Competition.

View of the participants during the inauguration

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

The IEI Students' Chapter, Department of Electrical & Electronics Engineering of M A M College of Engineering and Technology organized a Webinar on "Recent Trends in Smart Grid Technologies" on 20 March 2024.

Screenshot of the event

The IEI Students' Chapter, Department of Artificial Intelligence and Data Science inaugurated on 30 April 2024.

View of the dias

The IEI Students' Chapter, Department of Mechanical Engineering inaugurated on 30 April 2024.

View of the dias

M E A College of Engineering, Perinthalmanna (Kerala)

The IEI Students' Chapter, Department of Civil Engineering organized a Workshop on "Total Station" on 1 December 2023.

Participants during the event

Manipal Institute of Technology, Manipal (Karnataka)

The IEI Students' Chapter Aerospace Engineering Department conducted a Guest Talk on "History of the LCA(Light Combat Aircraft)-Tejas on 26 March 2024.

Speaker during the event

The IEI Students' Chapter Aerospace Engineering Department conducted a Rocketry Workshop on "Basics of Rocket Theory and Science behind Rocketry" on 27 March 2024.

Speaker during the event

The IEI Students' Chapter Aerospace Engineering Department conducted a Rocketry Workshop

On "Bottle Rocket Competition" on 28 March 2024.

Glipses of the event

Musaliar College of Engineering and Technology, Pathanamthitta (Kerala)

The IEI Students' Chapter, Department of Electronics & Communication Engineering of Musaliar College of Engineering and Technology organized a Three Day Workshop and Championship on "Artificial Intelligence(AI) and Internet of Things (IOT) during 29 February – 2 March 2024.

Participants during the event

Narayana Engineering College, Gudur (Andhra Pradesh)

The IEI Students' Chapter, Department of Electronics and Communication Engineering of Narayana Engineering College celebrated "World Earth Day" on 22 April 2024.

Participants during the event

News of Technical Activities from Engineering College Students' Chapter

P A College of Engineering, Mangalore (Karnataka)

The IEI Students' Chapter, Department of Civil Engineering of P A College of Engineering organized a captivating technical talk on "Drone-Based Mapping" on 12 March 2024. They also organized "Kaushal – 24 – A Project Competition and Expo" on 3 May 2024.

Participants during the event

PES Institute of Technology and Management, Shivamogga (Karnataka)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of PES Institute of Technology and Management conducted a Three days Workshop on "Employability Skills for EEE Students in IT Domains" during 15-17 February 2024.

Participants during the event

Pragati Engineering College, Surampalem (Andhra Pradesh)

The IEI Students' Chapter, Department of Electrical & Electronics Engineering of Pragati Engineering College conducted Tech Seminar on 18 April 2024.

Participants during the event

Raghu Engineering College, Visakhapatnam (Andhra Pradesh)

The IEI Students' Chapter, Department of Civil Engineering of Raghu Engineering College organized "Technical Talk" on 30 April 2024.

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 "Poster Presentation – Waste Reduction Techniques in College Campus" on 7 March 2024.

Glimpses of the event

The IEI Students' Chapter, Department of Computer Science and Engineering of Ramco Institute of Technology organized "Code Clash Event" on 28 February 2024.

Glimpses of the event

They organized a workshop on 'Web Weave – Portfolio Front End Designing-HTML,CSS,JS' on 3 April 2024.

Participants during the event

They also organized a Guest Lecture on "A Complete Guide to AWS with DevOps Practices" on 4 April 2024 and on "Automation Testing and Tools" on 19 April 2024.

Screenshot of the lectures

The IEI Students' Chapter, Department of Electrical and Electronics Engineering conducted a Workshop on "Mastering Technical Writing: From Basics to Ethical AI and Illustrations" on 19 February 2024.

Participants during the event

The IEI Students' Chapter, Department of Information Technology of Ramco Institute of Technology organized Two Days Workshop on "HTML,CSS &Java Script" during 1-2 March 2024.

Participants during the event

They organized an event "Technical Group Discussion" on 4 April 2024.

Participants during the event

They conducted a "Poster Designing" competition on 21 March 2024 and an "Aptitude Quiz "competition on 8 March 2024.

Participants during the event

The IEI Students' Chapter, Department of Information Technology of Ramco Institute of Technology organized "Website Design Contest" on 7 March 2024.

The IEI Students' Chapter, Department of Civil Engineering of Ramco Institute of Technology organized "Technical Paper Presentation" on 3 April 2024.

Glimpses of the event

The IEI Students' Chapter, Department of Electronics and Communication Engineering of Ramco Institute of Technology organized Competition on "Display of Technical Information" on 3 April 2024.

Participants during the event

The IEI Students' Chapter, Department of Mechanical Engineering of Ramco Institute of Technology organized a Webinar on "Automation in Machine Learning" on 13 April 2024.
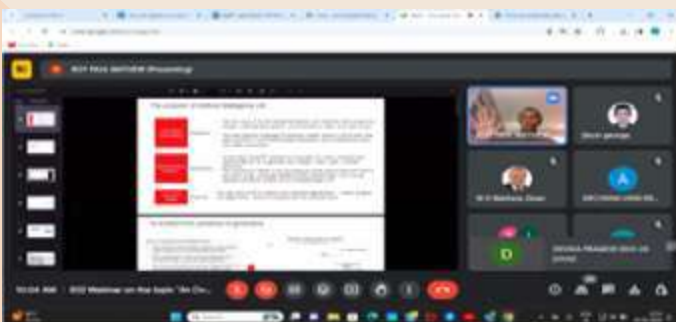

Participants during the event

They organized an Invited Talk on "Sensors and Instrumentation" on 17 April 2024.

Speaker and participant during the event

Saintgits College of Engineering , Kottayam (Kerala)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of Saintgits College of Engineering organized Webinar on "An Overview of AI and its Business Implications" on 3 February 2024.

Screenshot of the webinar

They also organized a Technical Talk on "Synergising Mechanical Engineering with Logistic Expertise" on 28 February 2024.

Speakers during the technical talk

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

The IEI Students' Chapter, Department of Civil Engineering of Swarnandhra College of Engineering and Technology organized a Webinar on "Alternative Eco-Friendly Technologies for Base/Sub-Base Layer in Pavements" on 16 March 2024.

Participants during the event

The IEI Students' Chapter, Department of Civil Engineering of Swarnandhra College of Engineering and Technology organized a Webinar on "Remote Sensing, GIS & DEM for Water Resources Assessment" on 30 March.

Participants during the event

News of Technical Activities from Engineering College Students' Chapter

T K M Institute of Technology, Kollam (Kerala)

The IEI Students' Chapter of Department of Computer Engineering of TKM Institute of Technology inaugurated on 6 March 2024.

View of the dias during the inaugural session

NORTH ZONE

Anand International College of Engineering, Jaipur (Rajasthan)

The IEI Students' Chapter, Anand International College of Engineering organized a five days Workshop on "Recent Trends in Artificial Intelligence and Machine Learning for Smart Computing" during 12-16 February 2024.

Participants during the event

The IEI Students' Chapter, Anand International College of Engineering organized One Day Seminar on "Career Pathways in Entrepreneurship, Innovation and Sustainability after Engineering" on 22 March 2024.

Participants during the event

EAST ZONE

Academy of Technology, Hooghly (West Bengal)

The IEI Students' Chapter, Department of Computer Science and Business Systems(CSBS) of Academy of Technology inaugurated on 8 March 2024.

Glimpses of the event

Regent Education and Research Foundation, Barrackpore (West Bengal)

The IEI Students' Chapter of Regent Education and Research Foundation organized a Technical film show on 15 March 2024.

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 Industrial Vision of SYEJ Student at Police Communication and Transport, (Police Wireless Mobile Station) on 5 January 2024.

Participants during the visit

They also organized an Industrial Visit to 400 KV MSETCL Jejuri, Pune on 13 February 2024.

Participants during the visit

Amrutvahini Polytechnic, Sangamner (Maharashtra)

The IEI Students' Chapter of Amrutvahini Polytechnic was inaugurated on 13 March 2024 followed by a Technical Event 'Amrutfest'.

Lighting of the lamp ceremony

Participants during the visit

Bharati Vidyapeeth Institute of Technology, Navi Mumbai (Maharashtra)

The IEI Students' Chapter of Bharati Vidyapeeth Institute of Technology organized Seminar on "Identification and Control of Static Electricity Hazard in Chemical Industry" on 21 January 2024.

Garlanding during the inaugural session

News of Technical Activities from Polytechnic College Students' Chapter

Dr N J Paulbudhe College of Polytechnic, Ahmednagar (Maharashtra)

The IEI Students' Chapter of Dr. N J Paulbudhe College of Polytechnic organized Technical Lecture on "Indian Automobile-Car Segment" on 3 April 2024.

Speaker and the participants

Government Polytechnic, Ahmednagar (Gujarat)

The IEI Students' Chapter, Department of Civil Engineering of Government Polytechnic organized Lecture on "Opportunities for Civil Engineers" on 13 March 2024.

Participants during the event

They arranged an Expert Talk on "Solar Design: Opportunities and Challenges" on 4 April 2024.

Participants during the event

SNJB's Shri Hiralal Hastimal (Jain Brothers, Jalgaon) Polytechnic, Chandwad (Maharashtra)

The IEI Students' Chapter of SNJB's Shri Hiralal Hastimal (Jain Brothers, Jalgaon) Polytechnic organized State Level "Project Competition" in Techno-Spark 2k24 on 7 March 2024.

Glimpse 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 membership@ieindia.org within one week of the hosting of the event. The format of the report can be accessed from the link: https://www.ieindia.org/webui/IEI-Network.aspx#students-chapters

Please provide the photographs of the event with clarity

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

The Council at its 689th meeting held at Ahmedabad approved a new grade of membership - Student Membership (SMIE) - meant for undergraduate students pursuing BE/B.Tech (AICTE approved) or equivalent qualification and will be valid for six years w.e.f. the date of enrolment. For further details, please visit our website www.ieindia.org.In case of any further query regarding Student Membership please contact (033)40106251/ (033)40106302.

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

The Interested Engineers are requested to submit their membership application through 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: memb_disc@ieindia.org

Engineering Colleges/ Polytechnics

Engineering Colleges/ Polytechnics may establish Students' Chapter of IEI with at least fifty students pursuing engineering in the same branch of a College/University/Institution and be a part of the IEI fraternity following steps below:

- Initial request from an engineering college/a polytechnic is to be made to the Director (Membership) of IEI expressing desire to open a Students' Chapter at the Engineering College/Polytechnic mentioning the branches of engineering.

- (i) In a College/University/Institution, at least **thirty numbers (30)** of students irrespective of the year of study in the same branch of engineering is required for opening a Students' Chapter other than Electronics and Telecommunication Engineering Department and Computer Science Engineering Department.

  (ii) In a College/University/Institution, at least **fifty numbers (50)** of students is required for Electronics and Telecommunication Engineering Department and Computer Science Engineering Department irrespective of the year of study.

  (iii) To enable formation of a Chapter in any recognized polytechnic minimum number of member required is **thirty (30)**. There shall be only one Chapter in a polytechnic.

  This strength of membership shall be mandatory for opening as also for continuing a Students Chapter. However, it's requested to motivate all the students to enroll themselves with the Chapter.

- Upon obtaining the permission and code of the new Students' Chapter from IEI, prospective Chapters have to download the forms [for engineering college Students' Members (ECSC) and Polytechnic Students' Member (PSC)] from www.ieindia.org . The forms have to be filled up by the willing students for becoming members of Students' Chapter in consultation with the Adviser.

- The requisite fee to be collected from each student as per the year of study are given below.

(i) For Degree Engineering College:

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

i) For Polytechnic:

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

- The relevant part of the application forms are to be sent to be sent to Headquarters of The Institution of Engineers (India) alongwith the payment.

  For enquiries, contact us at studentchapter@ieindia.org/director_membership@ieindia.org or visit www.ieindia.org

Privileges of Student Members attached to Students' Chapters of Engineering College/Polytechnic

❖ Opportunity to participate in technical events e.g. Seminar, Symposia, Conventions, Workshops etc. organized by IEI State/Local Centres.

❖ Participation in various Technical Activities of the Students' Chapter.

❖ Access to library facilities at State/Local Centres of the Institution across the country.

❖ Opportunity to meet fellow engineers for professional interaction.

❖ After passing the final year B.E/B.Tech examination, members of the Students' Chapter are eligible for the followings:

   ● Members of the Students' Chapter of Engineering Colleges may become **Associate Member** of Institution. The membership form can be downloaded and apply online from IEI website www.ieindia.org under **Membership** tab.

   ● Associate Members are entitled to receive Chartered Engineer certificate on payment of requisite fee

   ● **SMIE** members may become **Associate Member** at a discount in Registration fee, if they applied within 1 year of passing BE/BTech (the details is given in our **AM application form)**.

❖ **85 nos** of Scholarships of **Rs 7,15,000/-** given to the engineering meritorious students attached to the different Student chapter.

❖ **Dr Amitava Bhattacharyya Memorial Trophy** to be awarded to three **Best Engineering College Students' Chapters** and three **Best Polytechnics students Chapters** are annually awarded the certificate, plaque and **Rs 20,000/-, Rs 15,000/- and Rs 10,000/-** in each category respectively.

❖ The National Design and Research Forum (NDRF) – a peripheral body of the Institution – conducts the students' Design Competition every year amongst the student members studying in engineering colleges of the country. Apart from a certificate, the awardees are being given Gold, Silver, and Bronze medals in each engineering discipline. (http://www.ndrf.res.in).

❖ The **Students' Chapter Newsletter** is distributed amongst the Chapter members and may be browsed through www.ieindia.org.

❖ The Students' Chapters may participate in **Regional Conclave** to be organized in the emerging field of engineering by engineering college and polytechnic region wise.