

IEI

Newsletter Students' Chapters

December
2021

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ALL INDIA STUDENTS' COMMITTEE (AISC) Session 2020-21

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Dr Enti Ranga Reddy, FIE

Chairman,
All India Students' Committee (AISC)

The discovery of photovoltaic cells led to the use of green energy sources such as global solar energy supplies that are growing rapidly; The installed capacity of solar energy in India has witnessed a large increase between 2014 and 2021. It is the second largest absolute generation growth of all renewable technologies, slightly behind wind and ahead of hydropower. However, even if these technologies offer cheaper and key to the unending power supply, the complication lies when the sun is not shining. The solution to this problem lies in storing and dispatching energy on demand using concentrating solar-thermal power. Solar thermal power plants are electricity generation plants that utilize energy from the sun to heat a fluid to a high temperature. This fluid then transfers its heat to water, which then becomes superheated steam. This steam is then used to turn turbines in a power plant, and this mechanical energy is converted into electricity by a generator. The first utility-scale solar-thermal plants were built in the 1980s. Out of 75 solar thermal power plants in the world, India has three of them.

Solar energy based decentralized and distributed applications have benefited millions of people in Indian villages by meeting their cooking, lighting and other energy needs in an environment friendly manner. Further, solar energy sector in India has emerged as a significant player in the grid connected power generation capacity over the years. It supports the government agenda of sustainable growth, while, emerging as an integral part of the solution to meet the nation's energy needs and an essential player for energy security. India currently stands third in Asia and fourth in the world in terms of solar power production across its plants, with solar accounting for about 40% of its total renewable energy capacity. The five major solar power projects in the country are The Bhadla Solar Park, which is the largest solar power plant in the world, is based in Bhadla village, in Rajasthan's Jodhpur district, installed with a capacity of 2,250MW, Shakti Sthala solar power project – 2,050MW, Ultra Mega Solar Park – 1,000MW, Rewa Solar Power Project – 750MW and Kamuthi solar power plant – 648MW.

In India the first Solar Thermal Power Plant of 50kW capacity has been installed by MNES following the parabolic trough collector technology (line focussing) at Gwalpahari, Gurgaon, which was commissioned in 1989 and operated till 1990, after which the plant was shut down due to lack of spares. The plant is being revived with development of components such as mirrors, tracking system etc. Currently three solar thermal power plants operate in India. They are namely (i) Dhursar in Jaisalmer, Rajasthan having a capacity of 125 MW using Fresnel reflector, (ii) Godawari Green Energy Limited in Nokh Village, Rajasthan having a capacity of 50 MW using Parabolic trough and Megha Solar Plant in Anantapur with a capacity of 50 MW using Parabolic trough.

India, through different solar and solar thermal projects is reaching as world's leading solar power production. As future engineers, the engineering students of the country must be aware of the upcoming technologies.

First Western Regional Conclave of Students' Chapters of The Institution of Engineers (India)

The First Western Regional Conclave of Students' Chapters of The Institution of Engineers (India) was organised on the theme 'The Role of Budding Engineers in Smart, Sustainable and Renewable Technologies' during 09-10 December 2021 under the aegis of All India Students' Committee in association at AISSMS College of Engineering, Pune. Dr Nitin P Mawale, Organising Secretary, Eastern Regional Conclave of Students' Chapter, 2021-22 welcomed the august gathering. Mr Narendra Singh, President IEI was the Chief Guest of the inaugural programme. In



Dignitaries on Dias during Inauguration Ceremony



**Dr. Enti Ranga Reddy
AISC Chairman during his address**

his speech, Mr Narendra Singh motivated the august gathering to utilize platform of The Institution of Engineers (India) to share their technical knowledge. The Guest of Honor, Maj Gen M J S Syali, VSM (Retd), Secretary & Director General, The Institution of Engineers (India) stressed on the critical role of engineers towards human needs and imperial necessity for smart, green and renewable energy. Dr Sanjay Bhaskar Zope, Chairman, The Institution of Engineers (India), Pune Local Centre, Mr Suresh Shinde, Honorary Joint Secretary, AISSM Society, Pune and Dr D S Bormane, Organising Chairman and Principal, AISSMS College of Engineering, Pune were also

the Guest of Honors. Dr Enti Ranga Reddy, Chairman AISC, IEI chaired the session. He encouraged the future engineers to take up entrepreneurship in the new sustainable technologies as their career option. Prof (Dr) D G Bhalke, Head of Department, Department of Electronics and Telecommunication Engineering delivered the vote of thanks.

More than 1250 participants were registered for the event. Nine technical events were organized following the inaugural session namely circuit wizard, coding on MATLAB, digimania, drone competition, paper presentation, poster competition, project competition, robotics competition and technical quiz contest.

The Valedictory Ceremony of the First Western Regional Conclave 2021-22 entitled "The Role of Budding Engineers in Smart, Sustainable and Renewable Technologies" held at AISSMS College of Engineering, Pune marked the conclusion of hugely successful event. Dr. Hemant Thakare, President (Elect), The Institution of Engineers (India), Dr. D S Bormane, Principal, AISSMS College of Engineering, Pune and Mr. Nitin P Mawale, Organising Secretary of the Regional Conclave of Students' Chapters of The Institution of Engineers (India) and graced the function.

First Western Regional Conclave of Students' Chapters of The Institution of Engineers (India)

S NO	Event Name	Name of Winner	College Name
1	Circuit Wizard	1st- Kaustubh Patil	AISSMS College of Engineering, Jalgaon, Maharashtra
		2nd- Jayesh Phalke	AISSMS College of Engineering, Amravati, Maharashtra
		3rd- Sayali Pawar	AISSMS College of Engineering, Karad, Maharashtra
2	Coding on Matlab	1st- Satatya De	RCC Institute of Information Technology, Kolkata West Bengal
		2nd- Akash Kewat	AISSMS College of Engineering, Pune, Maharashtra
		3rd- Estrada Crisanto Cesar Humberto	National University of Piura, Peru Castilla, Peru Castilla, Peru
3	Digimania	1st-Mr Mohd Aqib	AISSMS College of Engineering, Pune, Maharashtra
		2nd-Mr Atharv Shelake	AISSMS College of Engineering, Pune, Maharashtra
		3rd-Ms Tanavi kailas Nehar	Govt Polytechnic, Amaravati, Maharashtra
4	Drone Competition	1st- Gagan Inamdar	AISSMS's Polytechnic, Pune, Maharashtra
		2nd- Niraj Sable	AISSMS College of Engineering, Pune, Maharashtra
		3rd- Akshay Jadhav	AISSMS College of Engineering, Pune, Maharashtra
5	Paper Presentation	1st- Aryan Rahul Deshpande Siddhid Suhas Jadhav	AISSMS College of Engineering, Pune, Maharashtra
		2nd-Atharva Patil	Veermata Jijabai Technological Institute, Mumbai Maharashtra
		3rd-Devashri Barhate Abhishek Chavan Geetesh Tiwarekar, Saumya	AISSMS College of Engineering, Pune, Maharashtra
6	Poster Competition	1st- Devendra Amar More	AISSMS College of Engineering, Pune, Maharashtra
		2nd- Rajdeep Modal	RCC Institute of Information Technology, Kolkata West Bengal
		3rd- Ashwin Ayinipully	AISSMS College of Engineering, Pune, Maharashtra
7	Project Competition	1st- Pratik Pingle	AISSMS College of Engineering, Pune, Maharashtra
		2nd- Chirag Bafna	Modern College of Engineering, Pune, Maharashtra
		3rd- Harsh Oswal (Leader) Sharayu Rasar Jaysheel Dodiya Darshan Tholiya	AISSMS College of Engineering, Pune, Maharashtra
8	Robotics Competition	1st- Amol Rathod	AISSMS College of Engineering, Pune, Maharashtra
		2nd- Ashutosh Pardesi	AISSMS College of Engineering, Pune, Maharashtra
		3rd- Tanmay Talwar	JSPM COE, Pune, Maharashtra
9	Technical Quiz	1st- Harsh Oswal	AISSMS College of Engineering, Pune, Maharashtra
		2nd- Rakesh S	Sri Ramakrishna Polytechnic, Coimbatore, Tamil Nadu
		3rd- Samruddhi Aher	Sanjivani College of Engineering, Ahemdnagar Maharashtra

Reports from Engineering College Students' Chapter

Guru Nanak Dev Engineering College (Karnataka)

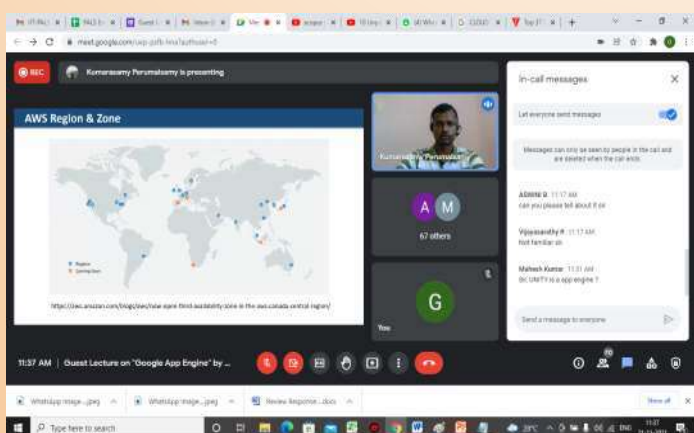
The IEI Students' Chapter of Civil Engineering Department of Guru Nanak Dev Engineering College organized two webinars on 'Strategy to Crack IES and Gate Exam' on 17 November 2021 and on 'Career Opportunities in Core Sectors' on 26 October 2021.



The Chapter also celebrated 'World Habitat Day' on 21 October 2021.

Ramco Institute of Technology (Tamil Nadu)

The IEI Students' Chapter of Computer Science and Engineering Department of Ramco Institute of Technology organized a guest lecture on 'Cloud Computing' on 21 November 2021.



Screenshot of the lecture

They also organized 'Group Discussion' on 9 November 2021 and a seminar on 'Virtual Lab' on 21 October 2021.

The IEI Students' Chapter also arranged an online aptitude quiz on 'Blood Relationship' on 19 September 2021 and 'Problems on Trains' on 24 October 2021.

The IEI Students' Chapter of Electrical and Electronics Engineering Department of Ramco Institute of Technology conducted a three days training programme on "Art of Learning" during 4- 6 December 2021.



Flyer of the programme

Kalasalingam Academy of Research and Education (Tamil Nadu)

The IEI Students' Chapter, Civil Engineering Department of Kalasalingam Academy of Research and Education conducted online webinar on 'Nano-Technology on Civil Engineering' on 30 October 2021.



Flyer of the webinar

They also conducted a webinar on 'Pollution Prevention Measures in Industrial Sectors' on 16 November 2021.

Reports from Engineering College Students' Chapter



Screenshot of the webinar

Sri Krishna College of Engineering and Technology (Tamil Nadu)

The IEI Students' Chapter, Civil Engineering Department of Sri Krishna College of Engineering and Technology organized an awareness program on 'Awareness Program on Safety Guidelines in Construction Site' on 23 November 2021.



Flyer of the program

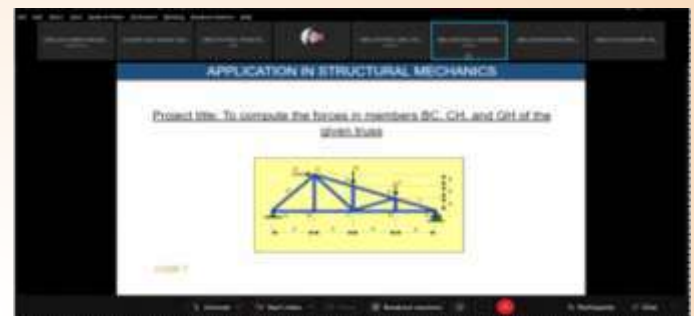
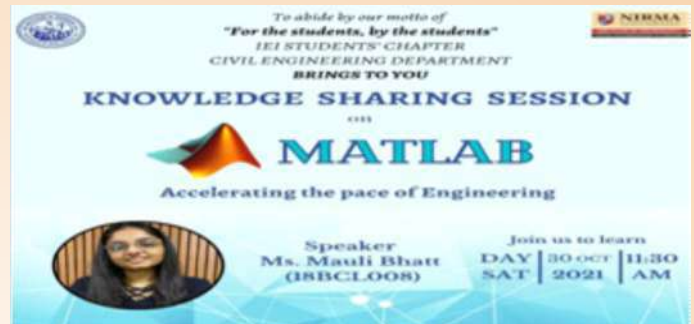
The IEI Students' Chapter, Civil Engineering Department of Sri Krishna College of Engineering and Technology organized a guest lecture on 'Life Lessons from My Entrepreneurship Journey' on 11 November 2021.



Flyer of the lecture

Institute of Technology, Nirma University (Gujarat)

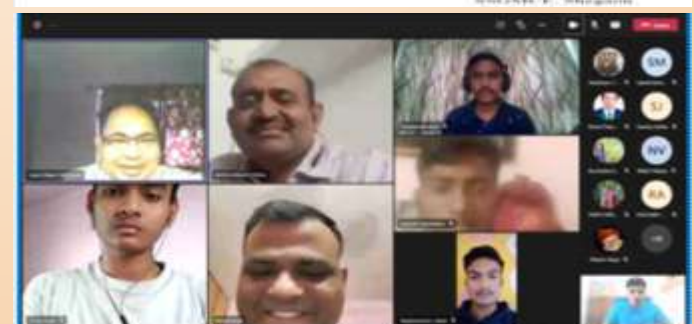
The IEI Students' Chapter of Civil Engineering Department of Nirma University organized a knowledge sharing session on 'MATLAB-Accelerating the pace of Engineering' on 30 October 2021.



Flyer and screenshot of the event

Shri Sant Gajanan Maharaj College of Engineering (Maharashtra)

The IEI Students' Chapter of Mechanical Engineering Department of Shri Sant Gajanan Maharaj College of Engineering was inaugurated on 30 October 2021.



Flyer and screenshot of the inaugural session

Reports from Engineering College Students' Chapter

The IEI Students' Chapter of Electrical Engineering Department of Shri Sant Gajanan Maharaj College of Engineering organized a technical event "Technobuzz" on 11 December 2021 and a webinar on "Introduction to MATLAB Simulink" on 30 October 2021.



Flyer of the webinar

Saintgits College of Engineering (Kerala)

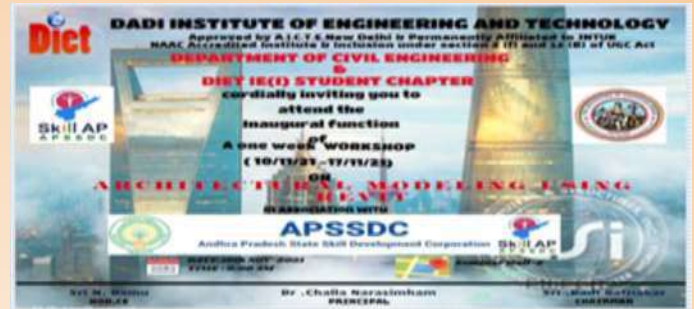
The IEI Students' Chapter of Food Technology Department of Saintgits College of Engineering organized online quiz competition 'Think Sharp to Win' on 24 September 2021.



Flyer of the quiz competition

Dadi Institute of Engineering & Technology (Andhra Pradesh)

The IEI Students' Chapter, Civil Engineering Department of Dadi Institute of Engineering & Technology organized a workshop on 'Architectural Modeling Using Revit Workshop' during 10-17 November 2021.



Flyer and the participants of the workshop

Manipal University (Rajasthan)

The IEI Students' Chapter of Mechatronics Department of Manipal University organized webinar on 'Automation and Digitalization' on 3 September 2021 and on 'Augmented Reality & Virtual Reality' on 17 September 2021.



Fliers of the webinars

Reports from Engineering College Students' Chapter

Narayana Engineering College (Andhra Pradesh)

The IEI Students' Chapter of ECE Department of Narayana Engineering College has conducted 'Guest Lecture on Importance of New Developments in Antenna and Wave Propagation' on 9 November 2021.



Speaker of the guest lecture

L D college of Engineering (Gujarat)

The IEI Students' Chapter of Environmental Engineering Department of L D College of Engineering organized an expert lecture on 'Smart Cities: Water and Sanitation' on 30 November 2021.



Flyer of the expert lecture

University Institute of Chemical Technology (Maharashtra)

The IEI Students' Chapter of University Institute of Chemical Technology organized a webinar on 'National Constitution Day' on 26 November 2021.



Screenshot of the webinar

Narasaraopeta Engineering College (Andhra Pradesh)

The IEI Students' Chapter of Mechanical Engineering Department of Narasaraopeta Engineering College organized two day technical events programme 'Tech Yantra 1.0' on 12-13 November 2021.



Screenshot of the event

Narula Institute of Technology (West Bengal)

The IEI Students' Chapter of Electrical Engineering Department of Narula Institute of Technology organized a webinar titled 'Hands on Workshop on Machine Learning with Python' on 30 November 2021.



Flyer of the workshop

A J Institute of Engineering & Technology (Karnataka)

The IEI Students' Chapter of AJ Institute of Engineering & Technology organized a workshop on 7 December 2021 on 'Node MCU'.



View of the workshop

Reports from Engineering College Students' Chapter

St. Martin's Engineering College (Telengana)

The IEI Students' Chapter, Civil Engineering Department of St. Martin's Engineering College organized 'Industrial Visit to Multipurpose Nagarjunasagar Dam Project (NSP), Nalgonda, Telangana on 11 December 2021.



Participants during the visit

The Chapter also organized an industrial visit to Telangana State Engineering Research Laboratories during 13-16 December 2021.



Participants during the visit

Institute of Engineering & Management (West Bengal)

The IEI Students' Chapter of Electrical Engineering Division of Institute of Engineering & Management arranged an event 'Aptech 2021' held during 26 - 29 November 2021.



Flyer of the event

B N M Institute of Technology (Karnataka)

The IEI Students' Chapter, Information Science & Engineering Department of B N M Institute of Technology organized the following two workshops on 'Cyber Security' during 4- 5 October 2021 and on 'Natural Language Processing' during 3-4 December 2021.



Speaker during the workshop 'Cyber Security'

P A College of Engineering (Karnataka)

The IEI Students' Chapter of Department of Civil Engineering of P A College of Engineering organized a webinar on 'Importance of Practical Learning & Exposure in Civil Engineering' on 14 December 2021.



Flyer of the webinar

The IEI Students' Chapter also organized a two day workshop on 'Building Analysis Using STAAD.PRO' during 6- 7 December 2021.



Flyer of the workshop

Reports from Engineering College Students' Chapter

Jawaharlal Nehru Government Engineering College (Himachal Pradesh)

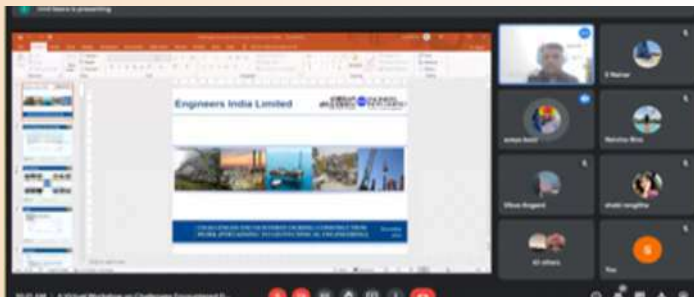
The IEI Students' Chapter of Department of Civil Engineering of Jawaharlal Nehru Government Engineering College organized one day workshop on 'New Trends in Civil Engineering' on 21 December 2021.



Speaker during the workshop

St. Joseph University (Nagaland)

The IEI Students' Chapter of Department of Civil Engineering of St. Joseph University organized a workshop on 'Challenges Encountered during Construction Work (pertaining to Geotechnical Engineering)' on 13 December 2021.



Screenshot of the event

Stella Mary's College of Engineering (Tamil Nadu)

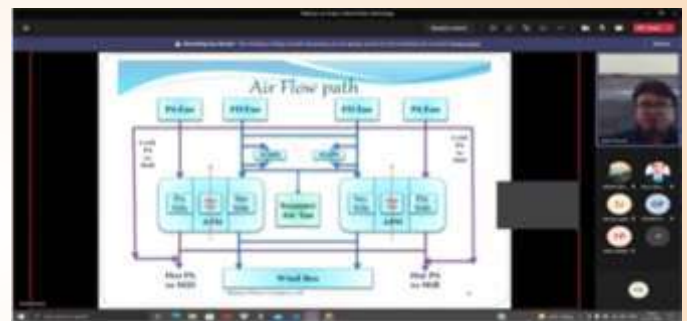
The IEI Students' Chapter of Mechanical Engineering Department of Stella Mary's College of Engineering inaugurated on 23 December 2021.



View of the inaugural session

Shri Sant Gajanan Maharaj College of Engineering (Maharashtra)

The IEI Students' Chapter of Mechanical Engineering Department of Shri Sant Gajanan Maharaj College of Engineering organized a seminar on 'Super Critical Boiler Technology' on 27 November 2021.



Flyer and screenshot of the seminar

They also organized a workshop on 'IOT and Robotics using Arduino' during 29 November - 4 December 2021.



View of the dias of the workshop

Chitkara University (Punjab)

The IEI Students' Chapter, Electronics and Communications Engineering Department of Chitkara University organized technical event on 'Design Prototype race: Roborace' on 18 November 2021.

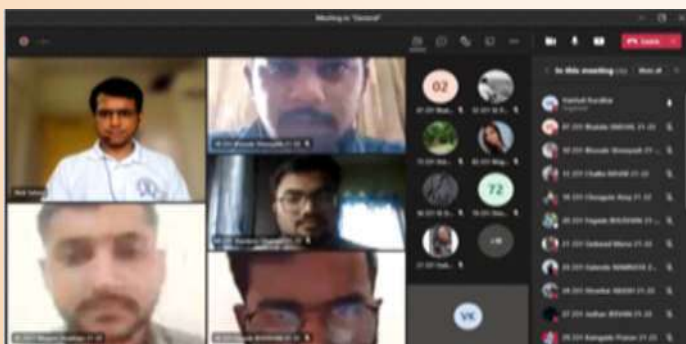
Reports from Engineering College Students' Chapter



Participants of the technical event

AISSMS Institute of information Technology (Maharashtra)

The IEI Students' Chapter of Department of Electrical Engineering of AISSMS Institute of Information Technology organized a workshop on 'Magnet Design Using FEM Software for Beginner's' during 20-21 November 2021.



Flyer and screenshot of the workshop

Cusrow Wadia Institute of Technology (Maharashtra)

The IEI Students' Chapter of Electronics and Telecommunications Engineering Department of Cusrow Wadia Institute of Technology organized an expert lecture on 'PIC Microcontroller and Applications' on 30 December 2021.



Screenshot of the event

V R Siddhartha Engineering College (Andhra Pradesh)

The IEI Students' Chapter of Electrical and Electronics Engineering Department of V R Siddhartha Engineering College conducted an event on "Energy Conservation" on 15 December 2021.



Marian Engineering College (Kerala)

The IEI Students' Chapter, Department of Civil Engineering of Marian Engineering College arranged a technical talk on "Load and Resistance Factor Design" on 18 December 2021.



Screenshot of the technical talk

Reports from Engineering College Students' Chapter

Budge Budge Institute of Technology (West Bengal)

The IEI Students' Chapter, Department of Civil Engineering of Budge Budge Institute of Technology conducted a site visit at Behala Green Field City on 6 December 2021.



Participants during the visit

The IEI Students' Chapter arranged a training program on "Application of Drone in Civil Engineering" on 20 December 2021.

PSCMR College of Engineering and Technology (Andhra Pradesh)

The IEI Students' Chapter of Electrical and Electronics Engineering Department of PSCMR College of Engineering and Technology organized a webinar on "Energy Conservation" on 20 December 2021.



Screenshot of the webinar

The IEI Students' Chapter also organized a seminar on "Industrial Applications of Computer Aided Design (CAD) in Engineering" on 23 December 2021.



View and flyer of the seminar

They also arranged a NSS Activity on "Energy Conservation Awareness Campaign" on 20 December 2021 and "Poster Presentation Competition on Energy Conservation" on 21 December 2021.

Pragati Engineering College (Andhra Pradesh)

The IEI Students' Chapter of Electrical and Electronics Engineering Department of Pragati Engineering College conducted industrial visit on 14-15 December 2021.



Participants during the visit

NSS College of Engineering (Kerala)

The IEI Students' Chapter, Electrical Engineering Department organized webinar on "Energy Conservation and Management" as a part of "National Energy Conservation Day" on 15 December 2021.

Reports from Polytechnic College Students' Chapter

AISSMS's Polytechnic (Maharashtra)

The IEI Students' Chapter, Computer Engineering Department of AISSMS's Polytechnic has conducted webinar on 'Database Security and Transaction Processing' on 6th December 2021 and 'Interview Skills' on 21 October 2021.

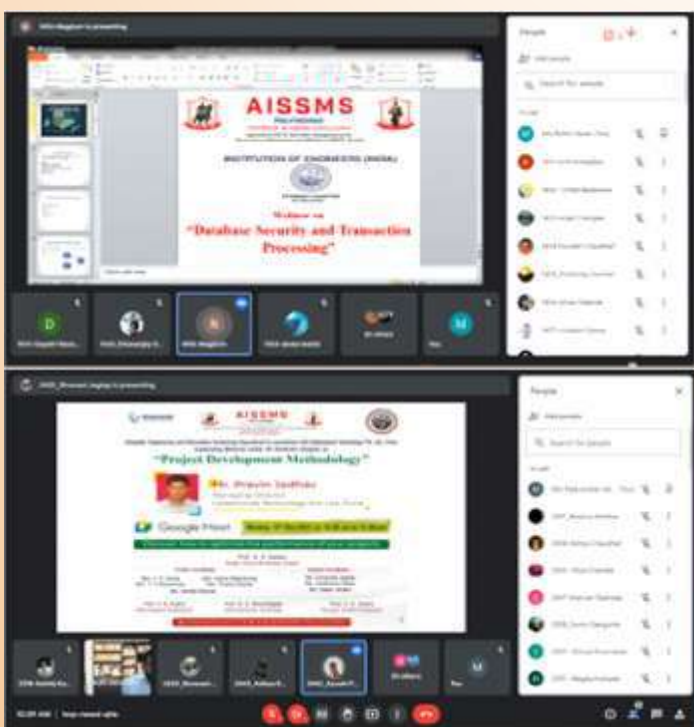


Flyer of the webinar



Screenshot of the webinar

The Chapter organized seminars on 'Database Security and Transaction Processing' on 6 December 2021 and 'Project Development Methodology' on 13 December 2021.



Screenshot of the webinar

The Chapter also arranged a Virtual Industrial Visit in Quickyes Infotech Pvt Ltd on 15 December 2021 and Aszroh Technology Pvt Ltd, Pune on 24 December 2021.



Screenshot of the industrial visit

They organized a two days soft skill during 29-30 December 2021.

Buddha Polytechnic (Bihar)

The IEI Students' Chapter of Buddha Polytechnic College conducted 'Technical Writing' on 25 October 2021, 'Aptitude Test' on 30 October 2021 and 'Technical Debate' on 13 November 2021.

The IEI Students' Chapter of The Buddha Polytechnic College organized a "Guest Lecture" on 4 December 2021.



Speaker and audience of the lecture

The IEI Students' Chapter of The Buddha Polytechnic College organized a "Model Presentation" on 27 November 2021, a "Technical Poster Presentation" on 20 November 2021 and a "Technical Debate" on 13 November 2021.

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 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. 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

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. 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 Headquarters of The Institution of Engineers (India) alongwith the payment.

For details e-mail to 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 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.
- ❖ **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.

