

# Newsletter

## Students' Chapters

June  
2020

# Inside

News of Technical Activities from Engineering College Students' Chapter	2
News of Technical Activities from Polytechnic College Students' Chapter	13
Report of Technical Activities by Students' Chapter	13
Membership for undergraduate B Tech Students: Student Membership (SMIE)	14
Membership for undergraduate B Tech Students Students Membership	14
Online Submission of Corporate Membership Application of The Institution of Engineers (India)	14
Steps to establish IEI Students' Chapters in Engineering	15

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Session 2019-20

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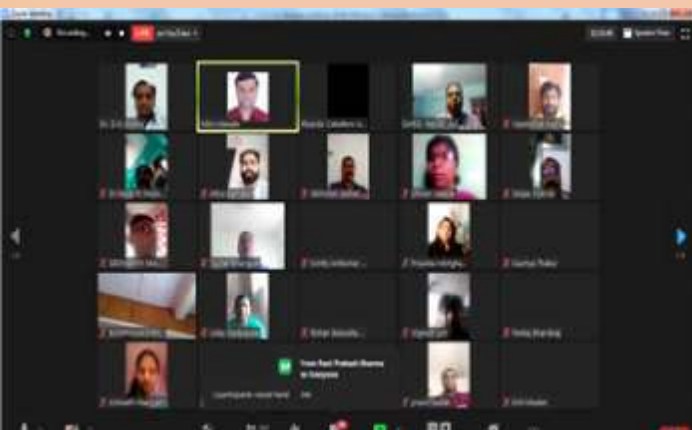
#### Membership Department

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# Reports from Engineering College Students' Chapter

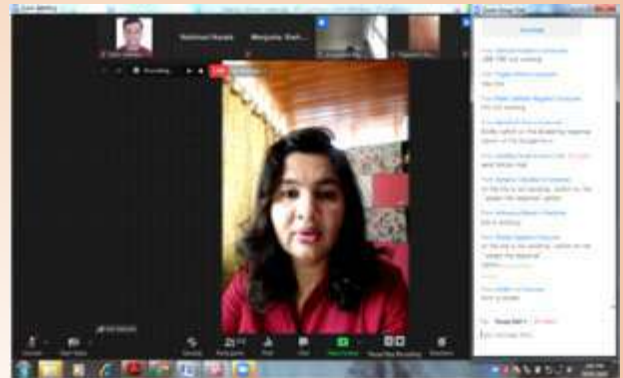
## AISSMS College of Engineering (Maharashtra)

The IEI Students' Chapter of Department of Electronics & Telecommunication Engineering of AISSMS College of Engineering organized a webinar on 'Re-Engineering the Supply Chain: Imperatives for Post Pandemic Scenario' on 7 June 2020.



Screenshot of the webinar

The Chapter also organized webinars on (i) 'Approach Based Financial Investment & Importance of Planning' on 16 May 2020, (ii) 'Leadership Development in Women Professional Entrants' on 30 May 2020 (iii) 'Advanced Digital Content Creation Tools & Amp. Techniques for Education' on 31 May 2020 (iv) 'Employability Skills 2020- Post Covid - 19' on 14 June 2020 and (v) 'Employability in Current Situation' on 18 June 2020.





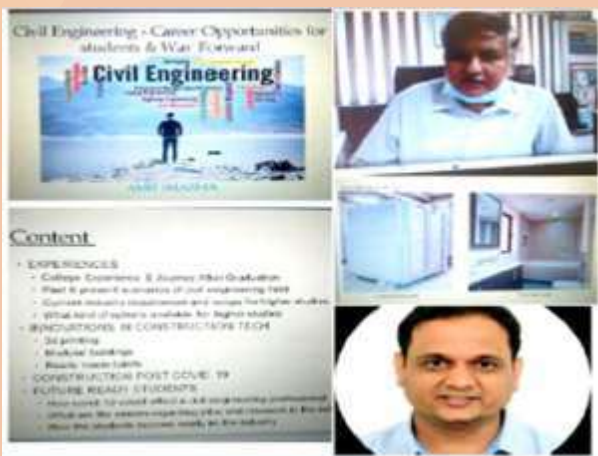
# Reports from Engineering College Students' Chapter



Screenshot of the webinars

## B V M Engineering College (Gujarat)

The IEI Students' Chapter of Department of Civil Engineering of B.V.M Engineering college organized a webinar on 'Civil Engineering Career Opportunities Post Covid 19' using Google Meet Platform on 25 April 2020.



Screenshot of the webinar

The Students' Chapter also organized a webinar on 'Multiple Linear Regression Using SPSS' on 8 May 2020 in association with Mathematics Department.



Glimpses of the webinar

## Babu Banarasi Das University (Uttar Pradesh)

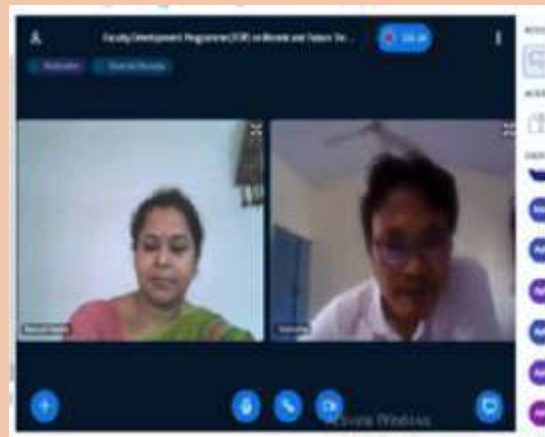
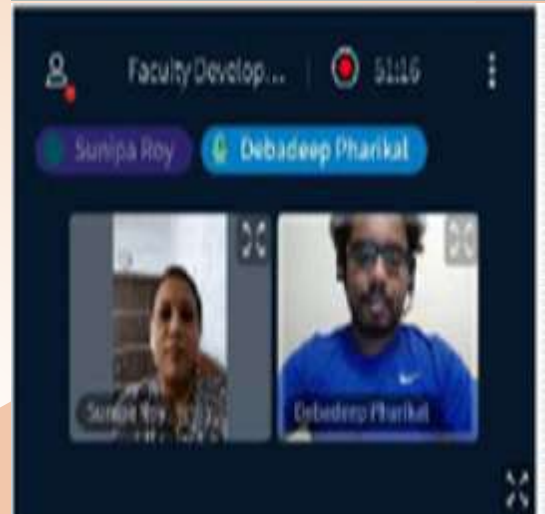
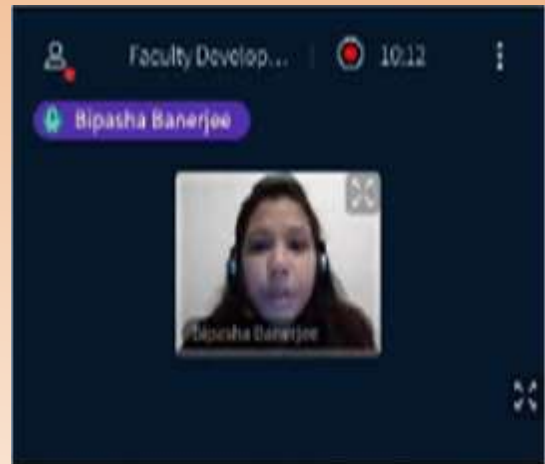
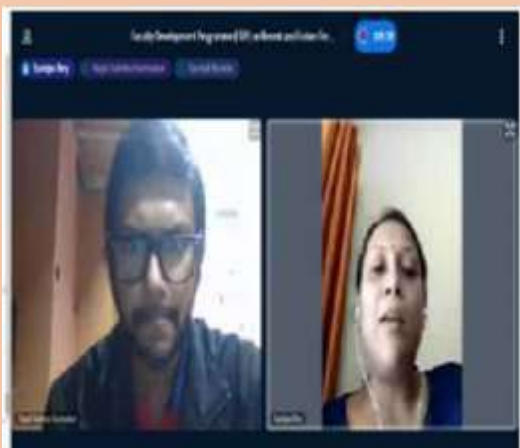
The IEI Students' Chapter of Babu Banarasi Das University, Department of Computer Science & Engineering, School of Engineering organized an online program on 'AI Web Series'.

## Guru Nanak Institute of Technology (West Bengal)

The IEI Students' Chapter of Guru Nanak Institute of Technology, organized a faculty development program on 'Recent and Future Trends in Technology' during 27 April 2020 to 2 May 2020.



# Reports from Engineering College Students' Chapter



Screenshots of the online faculty development program



# Reports from Engineering College Students' Chapter

## A. D. Patel Institute of Technology (Gujarat)

The IEI Students' Chapter of Information Technology Department of A D Patel Institute of Technology, organized two webinars namely (i) 'Net Technology' on 2 May 2020 and (ii) 'Angular Framework' on 3 May 2020.

## Sri Krishna College of Engineering and Technology (Tamil Nadu)

The IEI Students' Chapter of Department of Civil Engineering, Sri Krishna College of Engineering and Technology organized a guest lecture on 'Geotechnical Engineering and Applications'.

## Narula Institute of Technology (West Bengal)

The IEI Students' Chapter of Electrical Engineering Department of Narula Institute of Technology organized a technical quiz competition 'Quizzard – 20' on 21 January 2020.

## Techno International Batanagar (West Bengal)

The IEI Students' Chapter of Department of Electrical Engineering of Techno International Batanagar, organized an online invited talk on (i) 'Modelling, Fabrication & Characterization of Resistive Switching Devices for high-end applications' on 2 May 2020 and (ii) 'Synchronous Machines' on 4 May 2020.



Screenshot of the webinar on 4 May 2020

The IEI Students' Chapter of Department of Electronics and Communication Engineering organized an international webinar on 'Trends Driving Information Technology Today' on 9 May 2020.



Screenshot of the international webinar

## B N M Institute of Technology (Karnataka)

The IEI Students' Chapter of Computer Science Engineering Department, BNM Institute of Technology organized two days workshop on 'Data Science and Analytics with R' in association with Kigyan School of Data Science Pvt. Ltd., Bengaluru during 27-28 February 2020.



Participants during the workshop

# Reports from Engineering College Students' Chapter

The IEI Students' Chapter of Electronic and Communication Engineering Department of the institute organized a two day webinar on 'Risk & Compliance Management Information Security' and 'Speech Processing' on 4 and 5 June 2020 respectively.

## **The NorthCap University (Haryana)**

The IEI Students' Chapter of Department of Electronics and Communication Engineering of The NorthCap University celebrated World Telecommunication and Information Society Day on 17 May 2020. The Chapter also organized an e-Poster making competition during 11-17 May 2020.

## **Institute of Engineering & Management (West Bengal)**

The IEI Students' Chapter of Department of Electrical Engineering and Mechanical Engineering of Institute of Engineering & Management organized an annual flagship event 'Enginious 2020' during 28- 29 February 2020.



View of the dias during the event



Screenshot of the webinar

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

The IEI Students' Chapter of Sathyabama Institute of Science and Technology conducted two webinars on (i) Industrial Automation on 7 May 2020 and (ii) 'Introduction to AI/ML and Applications in Healthcare-Preventive Care Management on 16 May 2020.



Screenshots of the webinar

The Students' Chapter also organized following webinars on (i) 'Digital Marketing – Half-A-Trillion Dollar Industry' on 8 May 2020, (ii) 'Product Design and Development' on 13 May 2020, (iii) 'Cardiovascular and The Next Generation of Heart Valves' during May 14 2020, (iv) 'Public Speaking for Daily Life' on 23 May 2020 and (v) 'Introduction to Renewable energy' held on 23 May 2020.'

## **PSIT College of Engineering (Uttar Pradesh)**

The IEI Students' Chapter of Department of Civil Engineering of PSIT College of Engineering organized two webinars on 'Good Construction Practices' on 2 May 2020 and on 'White Cement: A Value Added Product' held on 9 May 2020.

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

The IEI Students' Chapter of Department of Electronics and Communication Engineering of SRM Institute of Science and Technology, conducted online course for beginners namely 'Python for Beginners' from 4 May 2020 to 22 May 2020.



# Reports from Engineering College Students' Chapter



Screenshot of the online course

The Chapter also hosted a web conference on 'Research in Electronics Engineering and Communication Techniques-REACT – 2020' during 15-16 May 2020.



Screenshot of the conference

The Chapter also conducted two webinars on (i) 'Implementation of ASIC's – From Textbook to Industry' on 15 June 2020 and 'Trends in Automotive Electronics and Role of Micro controllers' on 17 June 2020.



Screenshots of the webinars

## Dr. Sudhir Chandra Sur Degree Engineering College (West Bengal)

The IEI Students' Chapter of Department of Civil Engineering of Dr. Sudhir Chandra Sur Degree Engineering College conducted webinars on (i) 'Building Constriction and Bye-Laws' on 7 April 2020, (ii) 'Scope of Academic Research in Civil Engineering on April 2020, (iii) 'Building Planning and Role of Architecture Engineering on 20 April 2020 and (iv) 'Industrial Meet 2020-Motivational Speech during Lockdown' on 25 April 2020. The Chapter also organized digital classes, parent teacher meeting, faculty development program, alumni meets and social activities.



# Reports from Engineering College Students' Chapter



Students distributing food packets during the lockdown

## Central University of Haryana (Haryana)

The IEI Students' Chapter of Department of Civil Engineering of Central University of Haryana, in association with J K Cement Limited organized a webinar on 'Recycling Construction and Demolition Waste: Conversion of Waste to Health' on 12 May 2020.

## Cusrow Wadia Institute of Technology (Maharashtra)

The IEI Students' Chapter of Cusrow Wadia Institute of Technology organized an online technical Quiz on 'Electronics' during 17 May 2020 to 29 May 2020.

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

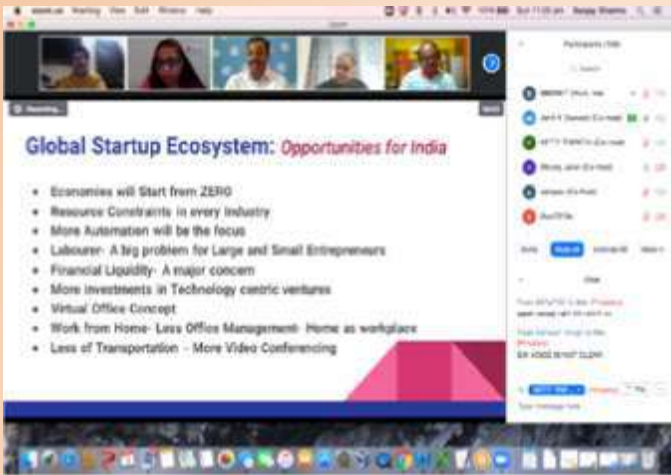
The IEI Students' Chapter of Electronics and Communication Engineering, Civil Engineering, Computer Science Engineering, Information Technology and Mechanical Engineering of Babu Banarasi Das Northern India Institute of Technology, Department of organized various webinars namely (i) 'Impact of COVID-19 on Global Startup Ecosystems' on 3 May 2020, (ii) 'Artificial Intelligence to Revolutionize Holistic Development' on 5 May 2020, (iii) 'Transformation Expected in Mechanical Engineering Post COVID 19' on 2 May 2020, (iv) 'Life as an International Student in UK and the Beginning of your Future Career' on 25 May 2020, (v) 'Dive into Winning Technological World' on 30 May 2020, (vi) 'Innovation and Deep Thinking' on 5 May 2020, (vii) 'Basic of Cyber Security and Career Guidance' on 2 May 2020, (viii) 'Magic of Deep Learning' on 9 May 2020 and (ix) 'DevOps: A Culture Transformation More than Technology' on 23 May 2020. The Chapters also celebrated the World Telecommunication and Information Society Day on 17 May 2020.



Screenshots of the webinars



# Reports from Engineering College Students' Chapter

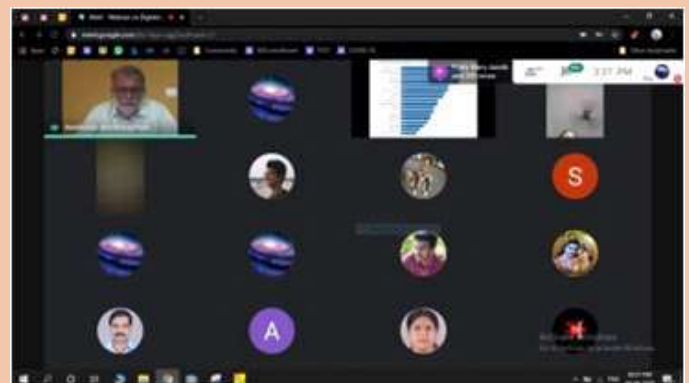


Screenshot of the webinar

The IEI Students' Chapter of Department of Mechanical Engineering of Saintgits College of Engineering conducted a webinar on the topic 'Digitalization in Education' on 3 June 2020.



Screenshots of the various events



Screenshot of the webinar

## Saintgits College of Engineering (Kerala)

The IEI Students' Chapter of Electrical and Electronics Engineering Department of Saintgits College of Engineering organized webinar on 'An Overview of Nuclear Fusion Technology and Its Challenges' on 30 May 2020.

# Reports from Engineering College Students' Chapter

## Pragati Engineering College, Andhra Pradesh

The IEI Students' Chapter of Electrical and Electronics Engineering Department of Pragati Engineering College celebrated 'National Youth Day' on 12 January 2020 on the theme 'Fit Youth Fit India', 'World Cancer Day' on 4 February 2020, 'International Women's Day' on 7 March 2020 followed by a quiz program. The Chapters also celebrated 'National Voter's Day' on 25 January 2020. On this occasion an elocution program on 'Electoral Literacy for Stronger Democracy' was also conducted among the students. 'International Day of Happiness' was celebrated on 20 March 2020 and there was a elocution program among the students on the topic 'Happier Together'.

The Students' Chapter of Mechanical Engineering Department organized webinars on 'Recent Advances in Mechanical Engineering' from 10 June 2020 to 13 June 2020 and on 'Sheet Metal Forming in Hot Working Region' on 19 June 2020.

## University of Engineering & Management (West Bengal)

The IEI Students' Chapter of Department of Biotechnology of University of Engineering, hosted a webinar entitle 'COVID -19: Features, Evaluation & Treatment' on 1 May 2020 and a poster competition for presenting the project work of the students named 'Pradarshan'.

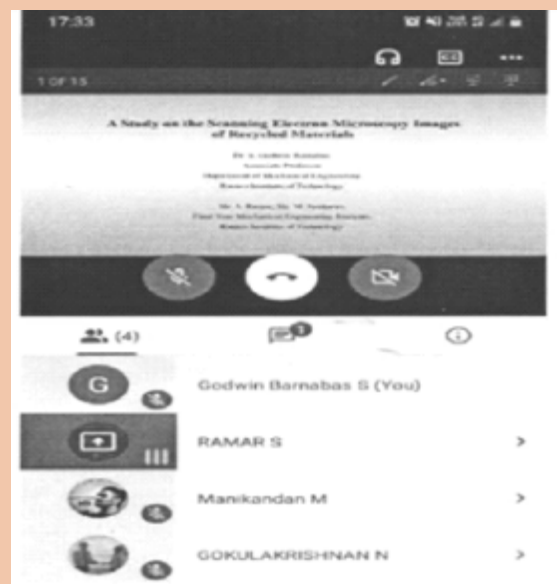


Screenshots of the programs

## Ramco Institute of Technology (Tamil Nadu)

The IEI Students' Chapter of Mechanical Engineering Department, Ramco Institute of Technology conducted a three days online workshop on 'ICT Tools for Students' during 8 May 2020 to 10 May 2020. The Chapter also conducted a three days webinar on 'Industrial Applications for Z & Y Gen Engineers' from 8 June 2020 to 10 June 2020.

The chapter arranged an online project presentation competition on 29 June 2020 and





# Reports from Engineering College Students' Chapter



Screenshots of the project presentation competition

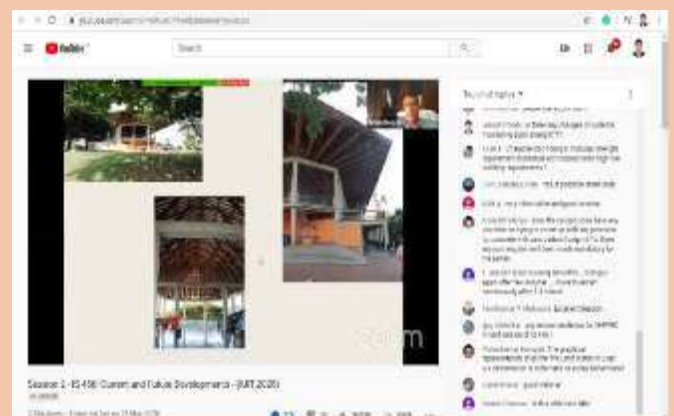
the topic was 'Future Trends in Technology' and conducted a display of technical information contest and a photography contest on and from 18 June 2020 to 29 June 2020.

## AISSMS Institute of Technology (Maharashtra)

The IEI Students' Chapter of Electrical Engineering Department of AISSMS Institute of Technology organized a technical quiz on electrical engineering during 20 May 2020 to 26 May 2020, a webinar on 'Time for Deep Dive' on 30 May 2020 and a technical quiz on 'Electrical Machines' during 11 June 2020 to 15 June 2020.

## Terna Engineering College (Maharashtra)

The IEI Students' Chapter of Department of Civil Engineering, Terna Engineering College organized an online one week short term program on 'Innovation and Upgradation in Infrastructural Technology 2020 (IUIT – 2020)' during 27 May 2020 to 2 June 2020.



# Reports from Engineering College Students' Chapter



Screenshots of the programs

## RBS Engineering Technical Campus (Uttar Pradesh)

A one day workshop on "Machine Learning with Python" was organized by IEI Students Chapter of

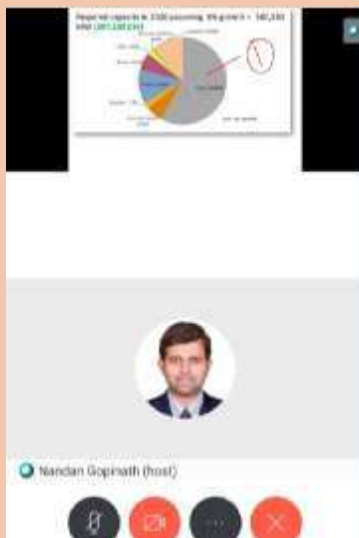
Department of Computer Science Engineering of RBS Engineering Technical Campus, on 24 February 2020.



View of dias during the workshop

## Sree Buddha College of Engineering (Kerala)

The Students' Chapter of Department of

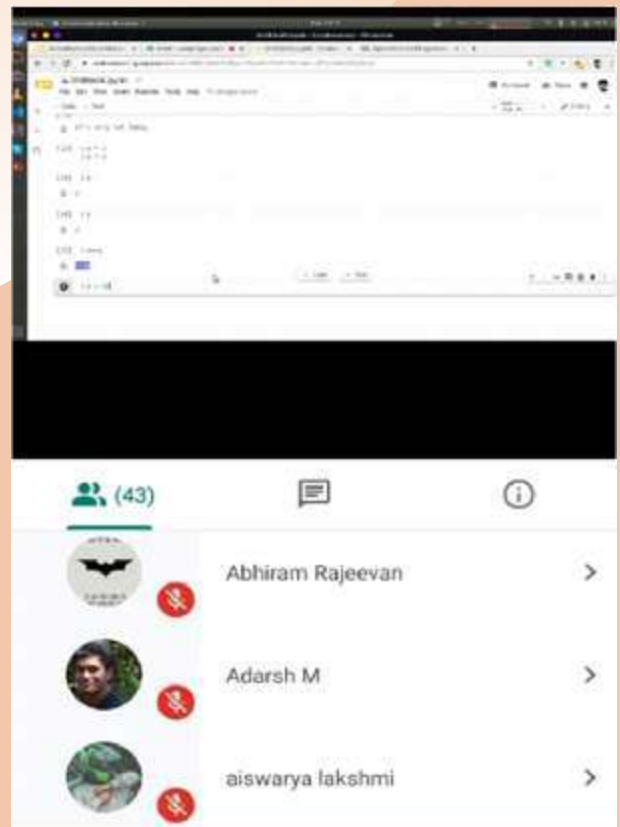


Screenshot of the webinar

Electrical and Electronics Engg of Sree Buddha College of Engineering organized a webinar on 'Energy Audit' on 19 May 2020 using Cisco WebEx platform. The Chapter also celebrated World Environment Day 2020 on 5 June 2020.

## TKM College of Engineering (Kerala)

The Students' Chapter of Department of Electrical and Electronics Engineering of TKM College of Engineering is organised a two day online session on 'INTRODUCTION TO ARTIFICIAL INTELLIGENCE' during 30-31 MAY 2020 and a two-day webinar on 'ELECTRIFIED TRANSPORTATION' during 6-June, 2020 using Google meet online platform.



Screenshot of the webinar

The Chapter also conducted a 6-day online quiz competition titled 'Knick Knack' starting from 29 March 2020.

## MES Institute of Technology and Management (Kerala)

The Students' Chapter of Department of Civil Engineering of MES Institute of Technology and Management celebrated World Environment Day on 6 June 2020 through the Cisco Webex platform.



# Reports from Polytechnic College Students' Chapter

## P A C Ramasamy Raja Polytechnic College

The IEI Students' Chapter of PAC Ramasamy Raja Polytechnic College organized Guest Lectures on (i) 'Chemical additives used in concrete', (ii) 'Duties and Responsibilities of Civil Engineers', (iii) 'Road Safety and Traffic Rules And Regulation', (iv) 'TQM', (v) 'Entrepreneurship Development', (vi) 'Methods to Improve the Study', (vii) 'Ultimate Guide to Project Planning', (viii) 'Industrial Engineering and Management', (ix) 'Latest Trends in Electronics', (x) 'How to Become an Entrepreneur', (xi) 'Fire and Safety', (xii) 'HVAC Industry Valve Package', (xiii) 'Humidification and Airconditioning in Textile Mills', (xiv) 'General Expectations of Garment Industries', (xv) 'ERP in Textile Mills', (xvi) 'Role of Supervisor and Safety Measures in a Spinning Mill Electrical and Electronics', (xvii) 'Applications in a Textile Mill', (xviii) 'Process Control Case Studies in Preparatory Machines', (xix) 'Process Control Case Studies in Preparatory Machines Based on Analysis of AFIS Results' and (xx) 'Spectrogram Analysis Case Studies and Yarn Realisation Calculation'. The Chapter also organized technical visits to Ramco Cements Limited, Alathiyur, Ramco Cements Limited, Ariyalur, M/S Rubin Glass Private Limited, Trichy, TNSTC Depo, Nagarcoil, Bench Mark Tea Factory, Ooty, PSG Industrial Institute, Coimbatore, Shapoorji Pallonj Infrastructure Capital Company (50 MW Solar Power Plant), Soorya Electrocomponents (P) Ltd, VVD & Sons Private Ltd, Doordharsan Maintenance Centre, Thirunelveli, Kerala Automobiles Limited, Thiruvananthapuram, Keltron, Thiruvananthapuram, M/S. Eifco Machine Tools (P) Ltd, Coimbatore, Ramaraju Surgical Mills Ltd, Perumalpatti, Pentagon Garments, Sivakasi, Rajapalayam Mills Ltd, Rajapalayam, etc. The Chapter arranged many other activities like, seminar, technical quiz, model competition, paper presentation, short term course, placement, science centre visit, project demonstration, workshop etc. during January 2020 to March 2020.



View of the participants during 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](mailto:studentchapter@ieindia.org) within one week of the event organised. The format of the report is available in the link

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

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

The Council at its 689th meeting held at Ahmedabad approved a new grade of membership - Student Membership (SMIE) - meant for undergraduate students pursuing BE/B.Tech (AICTE approved) or equivalent qualification and will be valid for six years w.e.f. the date of enrolment. For further details, please visit our website [www.ieindia.org](http://www.ieindia.org). In case of any further query regarding Student Membership please contact (033)40106269/ (033)40106302.

## **Best Students' Chapters Award**

Applications are invited for Students' Chapter Award from Engineering Colleges Students' Chapter and Polytechnic Colleges Students' Chapter of IEI. Last date of submission of application is 31 July 2020. For details please contact (033)4006224.

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

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

Please visit the link <https://www.ieindia.org/webui/IEI-Registration.aspx> for further

details and submission of application

For any assistance mail to: [membership@ieindia.org](mailto:membership@ieindia.org)

**STAY HOME STAY SAFE**



# Steps to establish IEI Students' Chapters in Engineering Colleges/ Polytechnics

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

- Initial request from an engineering college/a polytechnic is to be made to the Director (Membership) of IEI expressing desire to open a Students' Chapter at the Engineering College/Polytechnic mentioning the branches of engineering.
- Upon obtaining the permission and code of the new Students' Chapter from IEI, prospective Chapters have to download the forms [for engineering college Students' Members (ECSC) and Polytechnic Students' Member (PSC)] from the webpage [www.ieindia.org](http://www.ieindia.org) . The forms have to be filled up by the students willing for members of Students' Chapter in consultation with the Adviser.

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

## i) For Degree Engineering College:

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

## ii) For Polytechnic:

Membership fee for Student Chapter	Subscription (Rs)	Share of Polytechnic/ Institutions (Rs)	Share of HQs (Rs)
First Year	536	300	236 (Incl. 18% GST)
Second Year			
Third Year			

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

For details please write to [studentchapter@ieindia.org](mailto:studentchapter@ieindia.org)

