





THE INSTITUTION OF ENGINEERS (INDIA)

STUDENTS CHAPTER

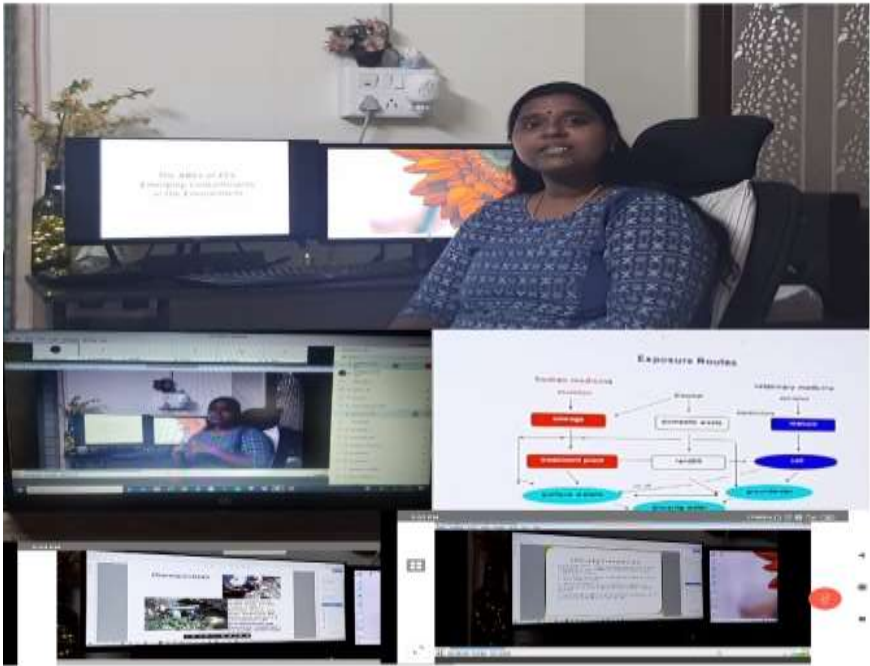
Department of CIVIL ENGINEERING (NBA accredited)

Logo	
About IE (I)	<p>The Institution of Engineers (India) is the national organization of engineers in India. The Institution of Engineers (India) [IEI] is the largest multi- disciplinary professional body of engineers, established in 1920 with its Headquarters located in Kolkata and incorporated under Royal Charter on 9th September, 1935 by the then His Majesty of King George V. Institution of Engineers (India) is a unique student chapter, comprising of various branches of engineering. The main agenda is to promote interdisciplinary engineering ideas across the institution which is ideal for the current scenario. The student chapter offers space for the current breed of students to showcase their leadership skills by becoming office bearers for every academic year. IE(I) also provides scholarship for the lesser privileged students every year. The IE(I), Coimbatore Local Centre has been one of the active centres of The Institution of Engineers (India) which is engaged in successfully translating the objectives and ethics of IE(I) into practices.</p>
Office Bearers and members	<p>President : Ms. JESSILIA ARULVALAN (4th year) Secretary : Mr. DURGESHWARAN R A (4th year) Joint Secretary : Mr. NITIN S (2nd year) Treasurer : Mr. MOHAMMED RIFAS A (3rd year)</p>


<p>for the AY: 2022 - 2023</p>	<p>Executive members:</p> <ol style="list-style-type: none"> 1. Mr. YOVEL T (4th Year) 2. Mr. VARUNKUMAR S (4th year) 3. Mr. SRIKARAN R (3rd Year) 4. Mr. SIVA SENTHIL (3rd Year) 5. Mr. KAVINRAAJ AG (2nd Year) 6. Mr. NITHISH KUMAR M (2nd Year) 7. Mr. JOTHI PRABAKAR (2nd Year) <p>Faculty Mentor:</p> <p>Dr.M.R.Ezhilkumar, Assistant Professor, Department of Civil Engineering, SKCET.</p>																																						
<p>Activities List till date</p>	<table border="1"> <thead> <tr> <th data-bbox="480 653 594 705">S.No</th> <th data-bbox="594 653 776 705">Date</th> <th data-bbox="776 653 1455 705">Event Title</th> </tr> </thead> <tbody> <tr> <td data-bbox="480 705 594 758">1.</td> <td data-bbox="594 705 776 758">08.10.2019</td> <td data-bbox="776 705 1455 758">WHEN YOU ENTER CIVIL ENGINEERING....</td> </tr> <tr> <td data-bbox="480 758 594 831">2.</td> <td data-bbox="594 758 776 831">27.11.2019</td> <td data-bbox="776 758 1455 831">SUSTAINABLE AND ECO-FRIENDLY BUILDINGS</td> </tr> <tr> <td data-bbox="480 831 594 884">3.</td> <td data-bbox="594 831 776 884">17.04.2020</td> <td data-bbox="776 831 1455 884">Emerging Contaminants in the Environment</td> </tr> <tr> <td data-bbox="480 884 594 957">4.</td> <td data-bbox="594 884 776 957">20.04.2020</td> <td data-bbox="776 884 1455 957">GETOCHINCAL ENGINEERING AND APPLICATIONS</td> </tr> <tr> <td data-bbox="480 957 594 1010">5.</td> <td data-bbox="594 957 776 1010">18.11.2020</td> <td data-bbox="776 957 1455 1010">POSITIVE LIFESTYLE</td> </tr> <tr> <td data-bbox="480 1010 594 1115">6.</td> <td data-bbox="594 1010 776 1115">25.01.2021</td> <td data-bbox="776 1010 1455 1115">Overview of software's utilized in industrial environment for Structures: Designing, Estimation and Costing</td> </tr> <tr> <td data-bbox="480 1115 594 1167">7.</td> <td data-bbox="594 1115 776 1167">11.11.2021</td> <td data-bbox="776 1115 1455 1167">Life Lessons from My Entrepreneurship Journey</td> </tr> <tr> <td data-bbox="480 1167 594 1241">8.</td> <td data-bbox="594 1167 776 1241">23.11.2021</td> <td data-bbox="776 1167 1455 1241">Awareness Program on Safety Guidelines in Construction Site</td> </tr> <tr> <td data-bbox="480 1241 594 1293">9.</td> <td data-bbox="594 1241 776 1293">05.03.2022</td> <td data-bbox="776 1241 1455 1293">Employment for Engineers in Defence sector</td> </tr> <tr> <td data-bbox="480 1293 594 1346">10.</td> <td data-bbox="594 1293 776 1346">18.11.2022</td> <td data-bbox="776 1293 1455 1346">Emerging application of AI & ML in GIS</td> </tr> <tr> <td data-bbox="480 1346 594 1451">11.</td> <td data-bbox="594 1346 776 1451">20.02.2023</td> <td data-bbox="776 1346 1455 1451">Current Day Practices of Data Science and Artificial Intelligence in Civil Engineering application</td> </tr> </tbody> </table>			S.No	Date	Event Title	1.	08.10.2019	WHEN YOU ENTER CIVIL ENGINEERING....	2.	27.11.2019	SUSTAINABLE AND ECO-FRIENDLY BUILDINGS	3.	17.04.2020	Emerging Contaminants in the Environment	4.	20.04.2020	GETOCHINCAL ENGINEERING AND APPLICATIONS	5.	18.11.2020	POSITIVE LIFESTYLE	6.	25.01.2021	Overview of software's utilized in industrial environment for Structures: Designing, Estimation and Costing	7.	11.11.2021	Life Lessons from My Entrepreneurship Journey	8.	23.11.2021	Awareness Program on Safety Guidelines in Construction Site	9.	05.03.2022	Employment for Engineers in Defence sector	10.	18.11.2022	Emerging application of AI & ML in GIS	11.	20.02.2023	Current Day Practices of Data Science and Artificial Intelligence in Civil Engineering application
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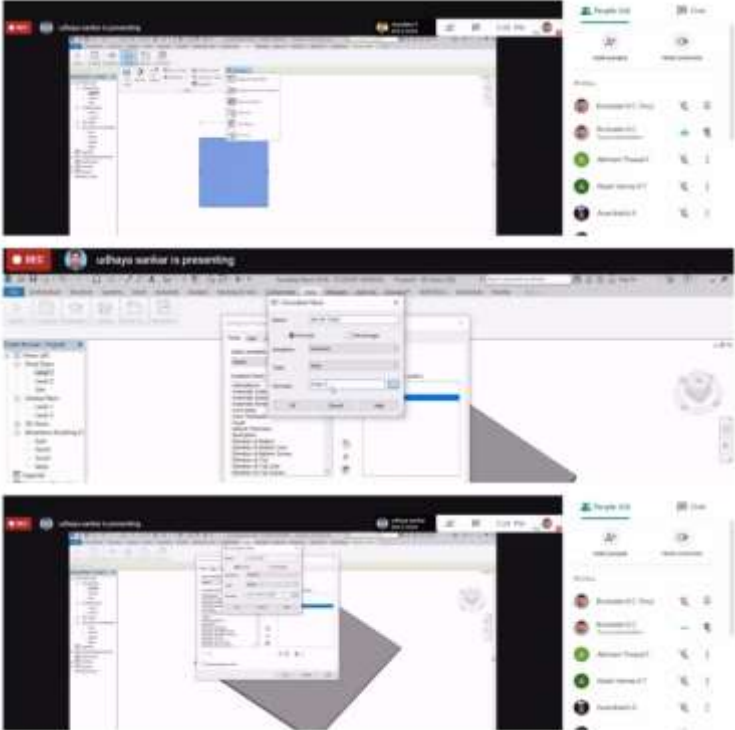
IE (I) Activity 1 (Event Name):	Guest Lecture on “WHEN YOU ENTER CIVIL ENGINEERING...”
Date:	08.11.2019
Write-up:	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised a Guest Lecture on “ WHEN YOU ENTER CIVIL ENGINEERING...”. Chief guest Er. S. Sivalingam, Superintending officer, Public Works Department (Special Project Circle), Govt. of TamilNadu, Head of the Department Dr. D. Marudhachalam, Faculty members and the Students were present. The words of the Guest “Engineers make the World, Civil Engineers make the First World”, inspired the students and ignited their minds. He shared two keys of Success - Knowledge and Wisdom. He emphasized about time management necessity and he believes working with Passion brings Success. His speech enlightened the role and commitment of Civil Engineers to the society. The session was more interactive and the chief guest shared his career experience with the students.</p>
Picture:	 <p>The collage consists of seven photographs capturing various moments of the event. The top-left photo shows a panel of speakers seated on a stage. The top-right photo shows the speaker at the podium with a seated audience member. The middle-left photo is a close-up of the speaker at the podium. The middle-center photo shows the speaker presenting a memento to a woman in an orange shawl. The middle-right photo shows the speaker at the podium with a woman in a yellow sari. The bottom-left photo shows the speaker at the podium with a student. The bottom-right photo shows a group of people participating in a group activity on the floor.</p>


IE (I) Activity 2 (Event Name):	Guest Lecture on “SUSTAINABLE AND ECO-FRIENDLY BUILDINGS”.
Date:	27.11.2019
Write-up:	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised a Guest Lecture on “ SUSTAINABLE AND ECO-FRIENDLY BUILDINGS”. Chief guest Er. M. Vinoth Kumar, Technical Head Green building, Inhabit and BuildScope, Coimbatore, Head of the Department Dr. D. Marudhachalam, Faculty members and the Students were present. He emphasized about the importance of green building and certifications for eco-friendly buildings. The session was more interactive and the guest shared the projects handled by them.</p>
Picture:	


IE (I) Activity 3 (Event Name):	Webinar on “Emerging Contaminants in the Environment”
Date:	17.04.2020
Write-up:	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised an online webinar on “Emerging Contaminants in the Environment”. Spokesperson Dr. Saranya Kuppusamy, Scientist D (DST-SERB-Ramanujam Fellow), Centre for Environmental Studies, Anna University, Head of the Department Dr. D. Marudhachalam, Faculty members and the Students joined the webinar. The speaker described what emerging contaminants, its sources is and how it varies from conventional ones. Also she emphasised the importance of research on emerging contaminants, and its health risk associated with human beings.</p>
Picture:	 <p>The image is a collage of four photographs related to the webinar. The top photograph shows a woman, Dr. Saranya Kuppusamy, sitting in a chair and speaking. Behind her is a large screen displaying the text 'The WHO of ETC' and 'Emerging Contaminants in the Environment'. The bottom-left photograph shows a smaller view of the webinar interface with a participant's video feed. The bottom-right photograph shows a slide titled 'Exposure Routes' with a flowchart. The flowchart is divided into 'Human activities' and 'Natural sources'. Under 'Human activities', it lists 'sewage', 'domestic waste', and 'industrial effluent', all leading to 'water'. Under 'Natural sources', it lists 'atmosphere' and 'soil', also leading to 'water'. The 'water' box then leads to 'drinking water', which is further divided into 'tap water' and 'bottled water'. The 'drinking water' box leads to 'consumption', which leads to 'health risk'.</p>


IE (I) Activity 4 (Event Name):	Guest Lecture on “GETOCHINCAL ENGINEERING AND APPLICATIONS”
Date:	20.04.2020
Write-up:	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised a Guest Lecture on “GETOCHINCAL ENGINEERING AND APPLICATIONS”. Chief guest Dr. G. Janardhanan, Associate Professor, Head – Centre for International Affairs, NITTTTR, Chennai, Head of the Department Dr. D. Marudhachalam, Faculty members and the Students were present. He presented the project based learning examples for geotechnical laboratory experiments to understand the importance of each experiment and its field applications. The session was more interactive and the guest shared the projects handled by them.</p>
Picture:	


IE (I) Activity 5 (Event Name):	Webinar on “POSITIVE LIFESTYLE”
Date:	18.11.2020
Write-up:	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised a Webinar on “POSITIVE LIFESTYLE”. Chief guest Mr.R.M.Murugappan, Director, M/s. English Learning Systems, Handwriting Labs and One Centre, Dr. D. Marudhachalam - Head of the Department, Mr.M.R.Ezhilkumar - IE(I) Faculty in-charge, other faculty members and the students were present virtually.</p> <p>He gave thought provoking online session to the new budding first year B.E. Civil Engineering students. Also he insisted more on developing entrepreneur skills in every individual with an examples mentioning the biography of present day entrepreneurs and their struggles and achievements.</p>
Picture:	

<p>IE (I) Activity 6 (Event Name):</p>	<p>Webinar on “Overview of software's utilized in industrial environment for Structures: Designing, Estimation and Costing”</p>
<p>Date:</p>	<p>25.01.2020</p>
<p>Write-up:</p>	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised a Webinar on “Overview of software's utilized in industrial environment for Structures: Designing, Estimation and Costing”. Chief guest Mr.R.Udhayasankar, Freelancer and Trainer, Dr. D. Marudhachalam - Head of the Department, Mr.M.R.Ezhilkumar - IE(I) Faculty in-charge, other faculty members and the students were present virtually. He gave a virtual hands-on training to the students on how to design and estimate the cost of the structure based on the material consumption and labour utilization. Further he enlightened the significance of these software’s in the industrial environment on sector basis.</p>
<p>Picture:</p>	 <p>The image contains three screenshots from a webinar. The top screenshot shows a software interface with a blue square on a white background. The middle screenshot shows a software interface with a dialog box open, and a grey arrow pointing to a specific field. The bottom screenshot shows a software interface with a dialog box open, and a grey arrow pointing to a specific field. All screenshots show a list of participants on the right side of the screen.</p>

IE (I) Activity 7 (Event Name):	Guest lecture on “Life Lessons from My Entrepreneurship Journey”
Date:	11.11.2021
Write-up:	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised a guest lecture on “Life Lessons from My Entrepreneurship Journey” for the first year budding Civil Engineers Chief guest Mr. L R Venkatesh, Managing Director, Vesat Renewables Pvt. Ltd., Dr. D. Marudhachalam - Head of the Department, Mr.M.R.Ezhilkumar - IE(I) Faculty in-charge, other faculty members and the students were present virtually. The speaker deliberated about how his entrepreneurship journey started and his firm M/s. Vesat Renewables Pvt. Ltd. He enlightened the audience about the use of solar panels and their significance and monetary benefits when used as an alternative to conventional energy. He also focused on green practices that are achieved through this alternate renewable energy adoption and their impact on the environment.</p>
Picture:	 <p>The screenshot shows a Zoom meeting interface. On the left, a presentation slide is displayed with the following content:</p> <p>Product Identification / Selection</p> <ul style="list-style-type: none"> • Innovation - Creativity • Simplify operation – Shaving Gel • User friendly – Mosquito repellent • Combination - Camera & Phone & Wrist watch • Sizing – Minidor/ Nano/ Tab • Digitalization – Global Garner App • Futuristic Approach – Electric Vehicle <p>The VESAT logo is visible at the bottom right of the slide. On the right side of the Zoom window, a grid of participant avatars is shown, including the speaker, Dr. D. Marudhachalam, and other attendees. The Zoom control bar at the bottom shows the time as 3:13 PM and the meeting ID as ykn-qpst-194.</p>

IE (I) Activity 8 (Event Name):	An awareness program on “Awareness Program on Safety Guidelines in Construction Site”
Date:	23.11.2021
Write-up:	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised an awareness program on “Awareness Program on Safety Guidelines in Construction Site”. An expert Mr. Jamal, Safety Trainer and a Consultant, Mastro Lee Engineering and Management Ltd., Dr. D. Marudhachalam - Head of the Department, Mr.M.R.Ezhilkumar - IE(I) Faculty in-charge, other faculty members, and the students were present virtually. The expert member delivered a brief lecture on Do’s and Don’ts in the construction site on safety aspects. Also the key responsibility of a safety officer and his roles in the site. He also enlightened the students about the opportunities in the construction industry for Civil Engineering students as a safety officer.</p>
Picture:	 <p>The image contains two photographs documenting the awareness program. The top photograph shows a lecturer standing at the front of a classroom, pointing towards a large presentation screen displaying text. Several students are seated at desks in the foreground, facing the lecturer. The bottom photograph provides a closer view of the lecturer, who is wearing a white shirt and a face mask, speaking to the students. The students are seated at desks, and a laptop is visible on one of the desks.</p>

IE (I) Activity 9 (Event Name):	Webinar on “Employment for Engineers in Defence sector”.
Date:	05.03.2022
Write-up:	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised a program on “Employment for Engineers in Defence sector”. An expert Prof. V. Anto, Director, Nethaji Bose Defence Academy, Dr. D. Marudhachalam - Head of the Department, Mr.M.R.Ezhilkumar - IE(I) Faculty in-charge, other faculty members, and the students were present virtually. The expert member delivered a brief lecture on difference between Civil Service and Defence service, different forms of competitive exams in defence sector. He also enlightened the students about the opportunities and branches in the Armed forces. He also showed some light on criteria for applications in the Indian defence sector</p>
Picture:	

IE (I) Activity 10 (Event Name):	Guest lecture on “Emerging application of AI & ML in GIS”
Date:	18.11.2022
Write-up:	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised a program on “Emerging application of AI & ML in GIS”. Mr. S. Puneeth, an industry expert from GIS Analyst EDS Technologies Pvt. Ltd., Bengaluru, Dr. D. Marudhachalam - Head of the Department, Dr.M.R.Ezhilkumar - IE(I) Faculty in-charge, other faculty members, and the students were present in the event. The expert member shared his unique perspective gained from his industrial experience to the gathering with an overview of Geo-Spatial technology applications. In addition he discussed about Market potential and employability, ESRI Products, Programing & Customization in ESRI, Application of AI & ML in GIS, Demo and Case Studies of few software tools that benefit the academic community in the perspective of research. He also enlightened the students about the career opportunities in the market.</p>
Picture:	 <p>The image contains three photographs of a lecture hall. Each photo has a semi-transparent black overlay with white text providing location information. The text in all three overlays is identical:</p> <ul style="list-style-type: none"> GPS Map Camera Kuniyamuthur, Tamil Nadu, India WXQ5+JJ8, BK Pudur, Sugunapuram East, Kuniyamuthur, Tamil Nadu 641008, India Lat 10.939347° Long 76.959032° 18/11/22 02:57 PM GMT +05:30

IE (I) Activity 11 (Event Name):	Workshop on “Current Day Practices of Data Science and Artificial Intelligence in Civil Engineering application”
Date:	20.02.2023
Write-up:	<p>Sri Krishna College of Engineering and Technology, Department of Civil Engineering under Institution of Engineers (India), Students Chapter, organised a program on “Current Day Practices of Data Science and Artificial Intelligence in Civil Engineering application”. Mr.Sridharan Sankaran is Principal consultant, Research and Innovation unit, Tata Consultancy Services, Dr. Simon Jayasingh, CO-Founder & MD, Yatzar Creations Prvt. Ltd., Coimbatore, Dr. D. Marudhachalam - Head of the Department, and Dr.M.R.Ezhilkumar - IE(I) Faculty in-charge, other faculty members, and the students were present in the event. The expert member shared his unique perspective gained from their industrial experience to the gathering with an overview of Data Science and AI. In addition they discussed about application of AI, Data science, AECO, Robots and BIM with respect to field scenario. He also enlightened the students about the career opportunities in this field.</p>
Picture:	