



CIVIL ENGINEERING ASSOCIATION (CEA)

Department of CIVIL ENGINEERING
(NBA accredited)

Logo	
About CEA	<p>Civil Engineering Association (CEA) of Civil Engineering Department was formed in the academic year 2013-14. The main aim of this association is to educate all the students about latest happenings and latest trends in construction industry with help of conducting technical guest lectures/seminars /workshops and symposium. Some of the notable events such as one day workshop of Architectural Design and Valuation of Immovable Properties, Infrastructure Planning, Development and Management of Airport, Automation in Water Resources Management: Case Study Parambikulam Aliyar Project, one day workshop on Bridge Design, one day workshop on Advanced Surveying using Total Station and GPS.</p>
Office Bearers and members for the AY: 2022 - 2023	<p>President : Mr. AKASH PRABHU S K (4th year) Secretary : Mr. VIBIN PERIASAMY K K (3rd year) Joint Secretary : Ms. CHINTHANASHRI S R (2nd year) Treasurer : Mr. ASHWINKUMAR S (4th year)</p> <p>Executive members :</p> <ol style="list-style-type: none">1. Mr. LIBANESH S (4th Year)2. Mr. SETHURAM C (4th year)3. Ms. VINUSHREE (3rd Year)4. Mr. FEBISH M (2nd Year) <p>Faculty Mentor :</p> <p>Mr. S. C. Boobalan, Assistant Professor, Department of Civil Engineering, SKCET.</p>

Activities List till date	S.No	Date	Event Title
	1	01.04.2016	National Level Technical Symposium CRIADIOS 2K16
	2	22.08.2016	Guest Lecture on Soil and Irrigation Management in Agriculture
	3	22.10.2016	Engineer's Day Celebration
	4	22.03.2017 & 23.03.2017	National Level Technical Symposium KENSHO 2017
	5	03.08.2017	Guest Lecture on Infrastructure Planning, Development and Management of Airport
	6	23.02.2018	Guest Lecture on Career Development Program
	7	19.03.2018	Guest Lecture on Secret of Success
	8	25.08.2018	Guest Lecture on Automation in Water Resources Management: Case Study – Parambikulam Aliyar Project
	9	29.01.2019	One Day Workshop on MS Project
	10	01.08.2019	Guest Lecture on Career Prospects for Civil Engineers
	11	30.10.2019	Guest Lecture on Integrity – A Way of Life.
	12	22.04.2020	Webinar on Practical Aspects of Estimaton and Quantity Surveying
13	06.06.2021	Webinar on Innovations in Metro Transit System and its Significance in Urbanized India	

	14	08.06.2021	Webinar on Mentorship on Self-Assessment for Career Planning
	15	15.09.2021	Engineer's Day Celebration
	16	03.03.2022	Webinar on Advances and Career Opportunities in Construction
	17	30.08.2022	Guest Lecture on Transport Demand Management – How to reduce congestions and make the transport system more efficient
	18	13.09.2022	Guest Lecture on Valuation of Assets

<p>CEA Activity 1 (Event Name):</p>	<p>National Level Technical Symposium CRIADIOS 2K16</p>
<p>Date:</p>	<p>01.04.2016</p>
<p>Write-up:</p>	<p>The technical symposium of Civil Engineering Dept, SKCET was held on 1st April, 2016 and was initiated by Er. D. Sabtharishi, Honourable Secretary of CEBACA. The symposium involved Technical events like Paper Presentation, Poster Presentation, AutoCAD drawing, Concrete Cube casting, Bridge Modelling, Quiz, Non-technical events like Potential Professor, Minutes and Games, Treasure hunt, Box Cricket and One day Workshop. Students from various reputed institutions participated in the symposium, making the event more successful than its predecessor (CRIADIOS 2K16).</p>
<p>Picture:</p>	

<p>CEA Activity 2 (Event Name):</p>	<p>Guest Lecture on Soil and Irrigation Management in Agriculture</p>
<p>Date:</p>	<p>21.08.2016</p>
<p>Write-up:</p>	<p>Civil Engineering Association was inaugurated by Er. R. Nagesh, Assistant Engineer, Agriculture Engineering Centre, Trichy on 22nd August 2016. He gave a talk on "Soil and Irrigation Management in Agriculture". The chief guest also inaugurated the social wing of CEA on the same day</p>
<p>Picture:</p>	

<p>CEA Activity 3 (Event Name):</p>	<p>Engineer's Day Celebration</p>
<p>Date:</p>	<p>22.10.2016</p>
<p>Write-up:</p>	<p>The Civil Engineering Association (CEA) organised an intra department competition to celebrate Engineer's day on 22nd October 2016. The events which took place were quiz & paper presentation. Separate prizes for 2nd and 3rd year students were rewarded to encourage them for their participation.</p>
<p>Picture:</p>	

<p>CEA Activity 4 (Event Name):</p>	<p>National Level Technical Symposium KENSHO 2017</p>
<p>Date:</p>	<p>22.03.2017 & 23.03.2017</p>
<p>Write-up:</p>	<p>SKCET CEA organized the technical symposium “KENSHO 2017”. The Civil Engg Dept conducted a workshop on “Architectural Design and Valuation of Immovable Properties” on 22nd March 2017. The following day, 23rd March 2017 saw the Dept organize various technical events such as Quiz, Paper presentation (Structural and Non Structural), Poster presentation, CAD drawing, IS Code Wizard and a general event Tamilocu Vilayadu. A blood donation camp as also organized in the campus and 55 people gave their blood for the social cause. Samplings were also distributed to the participants.</p>
<p>Picture:</p>	 <p>The collage consists of 18 individual photographs arranged in a grid-like fashion. The images depict various scenes from the event: a group of people outdoors, a close-up of hands writing on a document, a group of people on a stage receiving an award, a group of people gathered around a table, a person lying on a table during a blood donation, a group of people standing together, a person working at a computer, a group of people in a classroom setting, a person working at a desk, a group of people standing together, a person working at a desk, a group of people standing together, a person working at a desk, a group of people standing together, and a person working at a desk.</p>

<p>CEA Activity 5 (Event Name):</p>	<p>Guest Lecture on Infrastructure Planning, Development and Management of Airport</p>
<p>Date:</p>	<p>03.08.2017</p>
<p>Write-up:</p>	<p>Civil Engineering Association activities for the academic year 2017-18 were inaugurated by Mr. Suren Prabhu, Manager (Engg. Civil), Coimbatore International Airport and delivered guest lecture on "Infrastructure Planning, Development and Management of Airport" on 3rd August 2017"</p>
<p>Picture:</p>	

<p>CEA Activity 6 (Event Name):</p>	<p>Guest Lecture on Career Development Program</p>
<p>Date:</p>	<p>23.02.2018</p>
<p>Write-up:</p>	<p>As a part of Civil Engineering Association Activity, a Guest lecture on the topic of "Career Development Program" for third year Civil Engineering students was delivered by P. Karthikeyan, Proprietor, Edifice Placement Solutions, Coimbatore on 23rd February 2018. He discussed about the various categories of Civil Engineering Companies and Requirements for these companies in entry level positions.</p>
<p>Picture:</p>	

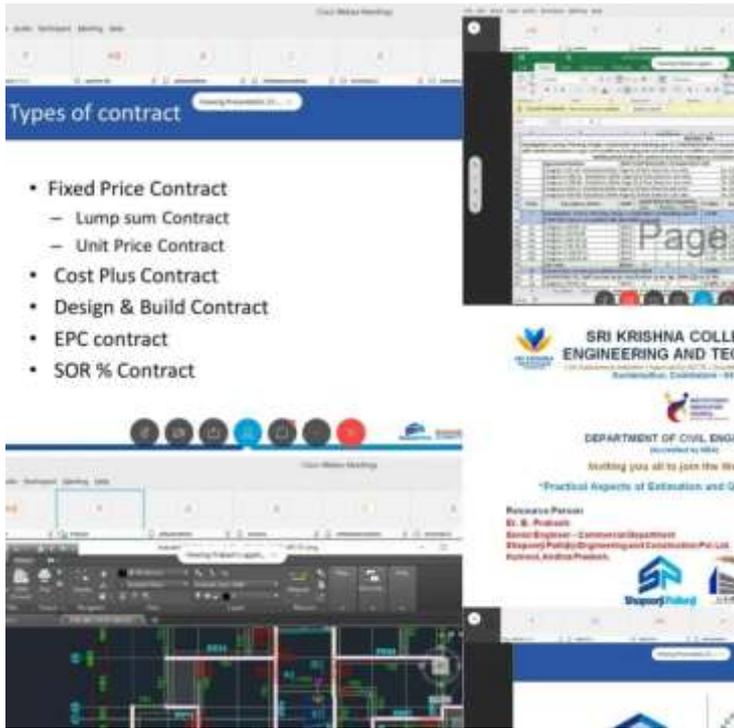
CEA Activity 7 (Event Name):	Guest Lecture on Secret of Success
Date:	19.03.2018
Write-up:	SKCET, Department of Civil Engineering, Civil Engineering Association has conducted a guest lecture on the topic of "Secret of Success" for third year Civil Engineering Students on 19th March 2018. The resource person was Mr. Milandeep Singhal, Design Engineer, SEDEMAC Mechatronics Limited, Pune.
Picture:	

<p>CEA Activity 8 (Event Name):</p>	<p>Guest Lecture on Automation in Water Resources Management: Case Study – Parambikulam Aliyar Project</p>
<p>Date:</p>	<p>25.08.2018</p>
<p>Write-up:</p>	<p>Civil Engineering Association Inauguration cum Guest Lecture on "Automation in Water Resources Management: Case Study - Parambikulam Aliyar Project". The resource person talked about the PAP Project, how automation is done using IoTs and its importance in irrigation of the surrounding areas. Chief Guest: Er. S. Sivalingam, Deputy Chief Engineer , PWD/ Water Resource Organization, Coimbatore</p>
<p>Picture:</p>	

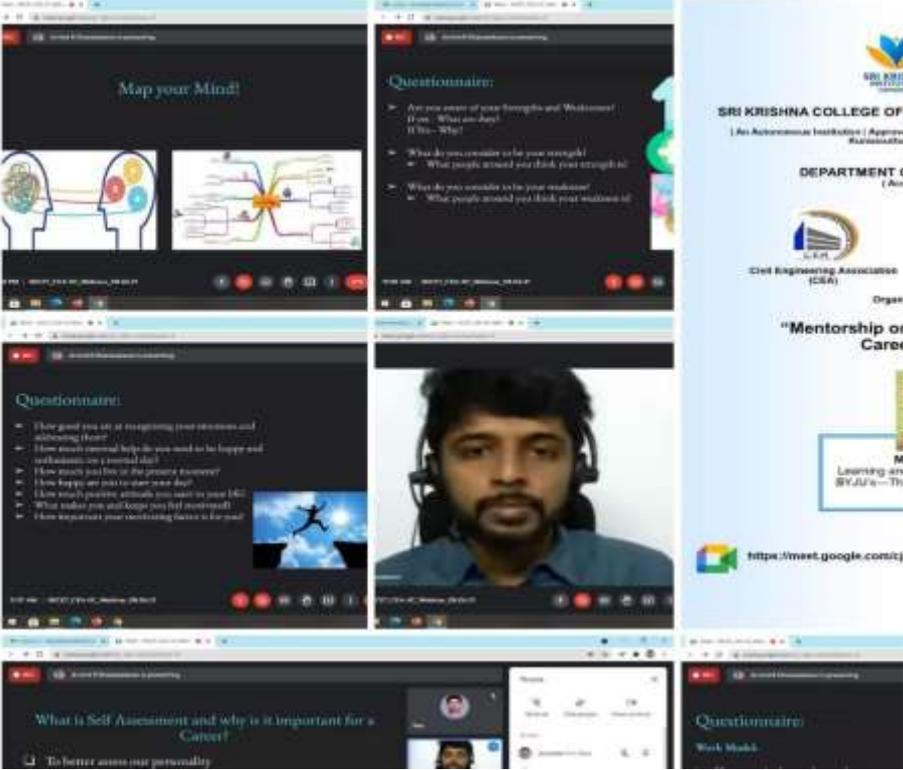
CEA Activity 9 (Event Name):	One Day Workshop on MS Project
Date:	29.01.2019
Write-up:	<p>Civil Engineering Association organized a one day workshop on “M S. Project Software” for the 3rd year and final year civil engineering students. The students learnt about the various stages in a project, assigning resources, designing and analyzing a Work break Structure. The resource person was Er. P. Karthikeyan, PACE, Coimbatore.</p>
Picture:	

<p>CEA Activity 10 (Event Name):</p>	<p>Guest Lecture on Career Prospects for Civil Engineers</p>
<p>Date:</p>	<p>01.08.2019</p>
<p>Write-up:</p>	<p>Civil Engineering Association organized the Inauguration of Activities Academic Year 2019-20 cum Guest Lecture on "Career Prospects for Civil Engineers". Chief Guest - Dr. A. Sudhahar, ICI Secretary Students Chapter Coimbatore, Chief Consultant, Dimensions @ Confluence, Coimbatore. Session Takeaways were: Opportunities available for Civil Engineers, How to make yourself employable for the students points out of view, basic requirements for entering into the design field, motivation talk for the students.</p>
<p>Picture:</p>	

<p>CEA Activity 11 (Event Name):</p>	<p>Guest Lecture on Integrity – A Way of Life.</p>
<p>Date:</p>	<p>30.10.2019</p>
<p>Write-up:</p>	<p>On behalf of Civil Engineering Association, a guest lecture has been arranged on the topic of "Integrity-a way of life" was given by Mr. C. Rajesh, Deputy Superintendent of Police, Coimbatore as a part of Vigilance Awareness Week 2019</p> <p>He addressed the students about the meaning of Vigilance and Anti-corruption, ill effects of corruption, corruption index and ways to reduce corruption.</p>
<p>Picture:</p>	

<p>CEA Activity 12 (Event Name):</p>	<p>Webinar on Practical Aspects of Estimation and Quantity Surveying</p>
<p>Date:</p>	<p>22.04.2020</p>
<p>Write-up:</p>	<p>A webinar on "Practical Aspects of Estimation and Quantity Surveying" was organized by the Department of Civil Engineering on 22nd April 2020 at 05.00 PM. The session was handled by Mr. B. Prakash, Senior Engineer, Shapoorji Pallonji Engineering and Construction Pvt. Ltd. He delivered a talk on Estimation, Contracts, Quantification and rate analysis. Faculty members and the students from the Civil Engineering Department attended the webinar.</p>
<p>Picture:</p>	

<p>CEA Activity 13 (Event Name):</p>	<p>Webinar on Innovations in Metro Transit System and its Significance in Urbanized India</p>
<p>Date:</p>	<p>06.06.2021</p>
<p>Write-up:</p>	<p>Event was aimed at giving exposure to students on Innovation aspects and approaches in Metro Transit system and its emergence in India.</p> <p>Jecenth Alfred briefly explained about the benefits of metro over buses, cars and two wheelers in terms of safety, pollution, time reduction and technology. He also gave insight idea about the job opportunities in metro. The students learned about how to pursue their career based on their area of interest. Speaker & Designation: Jecenth Alfred, Assistant Manager, Chennai Metro Rail Limited (CMRL)</p>
<p>Picture:</p>	<p>POSITIVES</p> <ul style="list-style-type: none"> Highly capable communication based signal Can be operated at a time headway of 90sec Reliability ATC(Automatic train control), ATP(Automatic protection), Capable of UIC (International train) Multi - modal Integration Significantly reduced travel time Advanced Fire safety & Passenger safety (by Ventilation-System) Eco-friendly - IGBC Certified for sustainable Passenger centre - Differently abled friend! <p>METRO IN INDIA</p> <ul style="list-style-type: none"> Kolkata Metro - 1984 (oldest) Delhi Metro - 2002 (largest) 348 kms (operational) Chennai metro - 2015 Phase I - 53 kms (operational) Phase II - 119kms (Construction commenced) Work in progress - 70,000+ Cr. <p>ECONOMICS</p> <p>Heavy upfront Investments (Mega Projects)</p> <p>Cost per km (Approx figures)</p> <ul style="list-style-type: none"> Elevated section - 200 Cr. Underground section - 850 Cr. <p>URBAN SPATIAL FOOTPRINT</p> <p>MRTS</p> <p>Mass Rapid Transit System</p> <p>Metro Rail vs. Indian Railways</p> <p>Green - separated (Either Viaduct or Tunnel)</p>

<p>CEA Activity 14 (Event Name):</p>	<p>Webinar on Mentorship on Self-Assessment for Career Planning</p>
<p>Date:</p>	<p>08.06.2021</p>
<p>Write-up:</p>	<p>Civil Engineering Association of the Department of Civil Engg in association with Institution Innovation Council organized a webinar on "Mentorship on Self-Assessment for Career Planning" on June 8. The Resource Person was very own Alumni Mr. D. R. Arvind (2014- 18 Batch), Learning and Development Specialist, BYJU's - Think and Learn Pvt. Ltd., Bangalore. The highlights of session were: Why Self-Assessment is important for career, Three phases of Self-Assessment, Questionnaire related to our personal soft skills, Mind Mapping, Metro Projects In India & its details</p>
<p>Picture:</p>	

<p>CEA Activity 15 (Event Name):</p>	<p>Engineer's Day Celebration</p>
<p>Date:</p>	<p>15.09.2021</p>
<p>Write-up:</p>	<p>SKCET – Department of Civil Engineering, Civil Engineering Association and Institutions Innovation Council organized an event CADATHON 2021 for all the Civil Engineering Students. Students have to prepare a plan and elevation by using AutoCAD software for residential building of plot area 30 m x 25 m.</p>
<p>Picture:</p>	

CEA Activity 16 (Event Name):	Webinar on Advances and Career Opportunities in Construction Management
Date:	03.03.2022
Write-up:	<p>Civil Engineering Association in association with IIC of SKCET organized a webinar on “Advances and Career Opportunities in Construction Management on 3rd March 2022. The resource person for the event was Dr. K. V. Prasad, Assistant Professor, NICMAR, Hyderabad. The key pointers from the event were: Advances in materials, methodologies in construction, Application of construction project management to increase profits and avoid risks, Opportunities for civil engineers in various sectors, NICMAR and courses offered for bridging the gap between industry and academics</p>
Picture:	

<p>CEA Activity 17 (Event Name):</p>	<p>Guest Lecture on Transport Demand Management – How to reduce congestions and make the transport system more efficient</p>
<p>Date:</p>	<p>30.08.2022</p>
<p>Write-up:</p>	<p>Department of Civil Engineering - Civil Engineering Association organized a Guest Lecture on "Transport Demand Management - How to reduce congestions and make the transport system more efficient" at MCA Seminar Hall, SKCET Campus. Resource Person is Dr. Andreas Rau, Faculty Head and Principal Investigator, Technical University of Munich Asia, Singapore. Session Takeaways: Generation of Traffic, Transport Demand Management, Push and Pull Approach, Land Use and Transport Master Plan 2040 Singapore, Parking Scheme in Singapore.</p>
<p>Picture:</p>	

<p>CEA Activity 18 (Event Name):</p>	<p>Guest Lecture on Valuation of Assets</p>
<p>Date:</p>	<p>13.09.2022</p>
<p>Write-up:</p>	<p>Department of Civil Engineering - Civil Engineering Association organized a Guest Lecture on "Valuation of Assets" at BS-03 Seminar Hall. Resource Person: Er. Pichaiya Subramaniam, Valuer and Chartered Engineer, Chief Executive Officer, Pichaiya Associates, Coimbatore. Session Takeaways: Valuation of Assets - A Professional Avenue of Engineers , Discussed about the Value of Assets, Engineer vs Valuer, Valuation as a career and it's Valuation process, Opportunities towards the registered valuer , Discussed about the attributes of assets - Utility, Demand, scarcity and Transferability</p>
<p>Picture:</p>	