Civil engineering association is one of the oldest associations of the college. It has its own spark and essence. CEA aims to promote civil engineering by providing the much-needed practical exposure to community members through regular activities. CEA has been conducting Guest Lectures, Expert talks by our own faculty, seminars, career guidance programs and many innovative events. CEA gives us a lot of opportunities to enhance our personalities, knowledge and skills. Every event is designed for a specific purpose and there's so much hard work behind organizing every event.

**EVENTS ORGANIZED DURING 2019 - 20 ACADEMIC YEAR**

1. **ARTICLE WRITING - BUILDING SAVVY**: Building savvy was an event conducted by the CEA in which the students were given a chance to describe all they knew about a local civil structure (within 1200 words). It was supposed to be from an engineer's perspective with much more focus on the reason for construction, materials used, various techniques, etc. The aim of CEA in doing this event was to make people aware of the simple marvels lying hidden in broad sunlight. We as civil engineers can use the old style of construction (as in temples for example) because of its long lasting nature, to learn from the basics and improvise it according to real-time conditions when we ourselves go for construction.
2. **ITCSD - 2019**: The International Conference on Innovative trends in civil engineering for sustainable development was held from 13th to 15th of September, 2019. It was organized by the Department of Civil Engineering, NITW on the occasion of Diamond Jubilee Celebrations. A multitude of threats confront us in our effort to achieve sustainability. Civil engineers have always been looking for innovative tools and techniques for solving the challenging problems that they face during planning, analysis, design and construction of civil engineering structures. This conference is aimed to provide a forum to all Civil Engineers to deliberate on the innovative tools and techniques that are needed to face the challenge of sustainable development. The conference patron was Prof. N. V Ramana Rao (Director, NITW) and it was chaired by Prof. M. Chadrashhekar (Head of the Department, NITW). All the faculty members comprised of this organizing committee.

3. **CIVIL FRESHERS**: Civil Freshers was held on the 16th of September. The event was a great success as the first year students enthusiastically participated in the event. First-round (16th September) included acts, storytelling and advertising made-up products. Participants were selected based on their creativity and confidence. For the second round (18th September), JAM topics were written on chits and participants picked 3 chits. They chose one topic from the three to speak on. This way each one of them had 3 options for their JAM. The judging criteria for this round were based on relevance, effective utilization of time, amount of content and confidence. Average of the marks, given by each of the judges, was calculated. Accordingly, participants were selected for the next round. The third round (18th September) was a personal interview. In front of the panel members, one had to show their confidence, speaking skills and IQ. This is an annual event to welcome the freshers.
4. **ALL ABOUT CIVIL** : ‘All About civil’ event was conducted on 24th October 2019, in the Civil Seminar Hall. The final year students took part in an interactive session with the juniors. Wherein, they enthusiastically shared their placement experiences starting from how they are as a student in general, what they aspire for, how they prepared for the different rounds of placements and how their interviews went. They also answered our questions regarding other opportunities after the course. Seniors also shared their hacks on how to tackle various professors in the civil department, how to approach them to do research projects under them and be in their good books. The final year students offered to give their contact details and appealed to the juniors to freely approach them for any academic or personal assistance. All in all the event received a good response and was demanded to be organized again by the audience.

5. **GIFT HAPPINESS** : There are many who may not get to experience the feelings of joy and togetherness. On the occasion of Diwali, CEA hoped to celebrate the festival with those people and make their day a memorable one. So, CEA organized a visit to the Sai
Seva Trust. Stationary, sweets, fruits and crackers were taken along to spend the morning there with the children and elderly. Monetary contributions were also made. We felt a great sense of satisfaction in sharing our blessings.

6. CROSSWORD PUZZLE SERIES: CEA had organized The Crossword Series, an enthralling online event which not only gave people a change from their dull routines but also successfully provided information on the various fields of Civil Engineering, as well as boosted their general knowledge. From a long time, Crossword puzzles have been an interesting way to test a person's ability. These puzzles may not contain everything we know, but the clues we get to the remaining gets us using our thinking hats and, of course, Google. It aimed at gamering better appreciation of civil engineering by checking our skills using basic principles of subjects most of us were familiar with.
7. **ONLINE MOCK GATE EXAM**: CEA conducted an online mock gate test. Such tests are not only important to those who are attempting GATE but also to students who want to test their knowledge regarding the different Civil subjects. 45 questions were designed keeping in mind the most common questions that are usually asked in the examination. They were to be answered in 90 minutes. The test scores were shown immediately after the test so that they can work on the areas they feel are lacking.

![Image of Online Mock GATE Exam](image)

8. **TALK WITH TNP**: On 30th December 2019 CEA conducted a TnP talk TnP coordinator, Akella Sravan, answered all our questions regarding placements, Resume, CAT, Master and PSU. The first topic that was discussed was the placements. The four different types of companies that offer jobs to a civil engineer in our campus: Core, Analytical, Management and Software were discussed. For Core Jobs, one should be well versed with the basics of each subject taught as a part of the course and software like CAD and Staad Pro should be known. LnT Construction, LnT Limited, HPCL, Irkon, Aditya Birla and Shapoorji visit our campus. The average package is 5 to 5.51 Lakhs. Companies like Novartis also accept students for analytical jobs. One should know the basics of coding to apply for the job and are also advised to do projects with GitHub. The Average Package is of 9 to 9.5 lakhs. Students wanting to do Masters are encouraged to do research internships. Institutes like IISC Bangalore, IIT Madras, IIT Delhi IIT Roorkee offer research internships. To apply for most of these internships one should have a CGPA of & The coordinator also discussed the importance of Resume and the criteria one should cover. A resume should include Academic credentials, Interns and projects, Courses Software Skills Achievements, Positions and responsibilities and extracurricular activities. Each and every attendees' doubts were cleared and they left more aware of their choices.
9. **TOWN PLANNING** : Town Planning was an event conducted by CEA as a part of the prestigious youthfest. Participants were asked to sketch a town plan with basic amenities. The event uplifted the teams’ cooperation with each other, analysis and researching skills while learning how to improve different aspects of a particular town and making it economically efficient and eco-friendly.

10. **GROUP DISCUSSION** : Group Discussion is considered important in academic and professional setups and is an elemental part of most of the placement procedures. To give a real-time feel of the nerve wracking process, CEA organized an educational event ‘Group Discussion’ on account of Youth Festival’2020. Participants were divided into groups and a topic was assigned to each of the groups. Participants shared their ideas and enhanced their learning by absorbing each other’s thoughts. They were then asked to conclude the group discussion. Suggestions to impart confidence and adaptability were also given by the seniors.
11. CEA SPORTS WEEK: With the view of the overall development of students, Civil sports week was conducted this month (2nd-6th march) in the Physical education department and stadium of our college. Competitions within the civil branch in carrom, chess, basketball, volleyball, football, cricket, badminton and table tennis were conducted. It is indeed a great way to deviate our minds from the stressful college life. This was necessary for the students after a long tiresome week of exams and was conducted to bring back energy and unveil the sporting spirit in students. Our beloved branch students from both B.tech and M.tech actively participated.
12. **GRAM PARI VARTHAN 3.0**: CEA has been organizing the event, Gram Parivarth, for a few years now. Gram Parivarthan 3.0 took us to an accessible village, Rangarayagudem of Warangal district. Participants were divided into teams and were asked to look for different problems faced by the villagers. The teams then walked around the village and examined the issues. The participants came up with solutions and discussed it with their teammates.

13. **STAAD PRO WORKSHOP**: A workshop on one of the best civil and structural engineering software so far-STAAD Pro was conducted by our association in February. It was a two days workshop. Students were introduced to the basic concepts of structure modeling by our M.tech students. It was indeed a great opportunity to learn this highly used customizable software. A lot of students turned up for the workshop showing their interest and enthusiasm to learn this new skill.
EVENTS ORGANIZED DURING 2020 - 21 ACADEMIC YEAR

1. WORTH THE RISK: CEA had organized an online guest lecture called WORTH THE RISK for the aspiring entrepreneurs to assist them in empowering their conviction and showing them when and how to trust their instincts. The speaker of the lecture was one of the Founders of the Bamboo House, India, Mrs. Aruna Kappagantula. The eco-friendly initiative of a permanent bamboo house laid down a path towards sustainable living, in addition to providing employment opportunities. Composed of odds, confident resolutions and commitment, their fabulous story accorded a closure that one must embrace the constraints, face their obstacles and never disintegrate.

2. CHAI PE CHARCHA: To aid all the young minds out there, not sure of what career path to choose or what to do to bag that dream job, CEA conducted an event "Chai pe Charcha" on 3rd of December, 2020 which was essentially an interactive session with some students from Civil Engineering branch that landed a job or an internship. Speakers from both core and non-core profiles of management type, software type, analyst type and the old school structural engineering type were there. All of them did a sterling job of sharing all the key points to buckle down a job or internship. Also, all the queries from the attendees, who were very curious to learn more and more from our students’ experiences, were answered.
3. **RECRUITMENT SAGA**: CEA published this year's version of placement experience as *The Recruitment Saga*. The team held the interviews of the students hired by core and the non-core firms. Their journey that led them to attain a goal ensures competence, growth and stability in the placement preparation of the readers. CEA brought out the placement talks of final year students who got placed in various companies like LnT, TATA PROJECTS, ASC Infratech, Blackbuck, Mastercard, Deloittee, O9 solutions and many more.

4. **EXPERT TALK BY Mr.Bairagi**: Mr.Bairagi, Chief Engineering Manager at L&T, Chennai, had addressed the formal gathering with a few insights into his journey as an Engineer. Known for his proficient work in many large scale projects, Mr.Bairagi elucidated the topic *PROJECT SITE ENABLING WORKS*. The lecture, at length, helped in making the subject more approachable and appealing to the students. It was a successful event as it brought to light the normal functionalities of a company, an integral part completely missing in this online semester due to this unfortunate lockdown and post COVID closures.
5. **CAREER GUIDE**: The Civil Engineering Association (CEA) held its first interactive session "Career Guide" with B.Tech and M.Tech students on the 30th of December, 2020. The interaction involved discussion regarding the career opportunities after graduation. M.Tech students shared their experiences and preparation strategy regarding GATE and other important exams. Students from each of the 7 Departments joined us in this event and gave various valuable pieces of advice to us who are facing each and everything online from the last semester. The session concluded with an intriguing Q&A segment.