



# Department of Civil Engineering



*You Dreamt it We Built it!*

## Vision

To be a center of excellence with state of art infrastructure and imbibe knowledge on advanced technologies in the field of Civil engineering with a focus on research and sustainable development for the benefit of society.

## Mission

- ❖ Train the students as technologically motivated Civil engineers and researchers who can serve the society competently, collaboratively and ethically as planners, designers, constructors and operators.
- ❖ To provide quality based consultancy services to the communities for the development of civil engineering industry and other allied fields.
- ❖ To ignite innovative thinking, entrepreneur skills among students

## New Trends in Technology:

### Prefabrication

It is not just the off-site work which is experiencing changes and new ways of doing things. New technology and techniques are making their way to the construction site as well.



The scope of prefabrication has increased tremendously in the last decade. Especially with the time saved by using BIM during the conception and detailing phase of a project, the various stakeholders ideate over the material alternatives and scope of prefabrication in the project.

### Machine Interventions - Reducing the 'workload'



The use of machines such as robots and exoskeletons is another emerging trend in civil engineering. Not only do they resolve mundane tasks with ease, but they also help increase safety and autonomy on-site during construction.

Exoskeletons are 'suits' worn by construction workers on site, to help and/or improve their mobility and workability. Using exoskeletons prevents injuries caused by manually handling things and from hand-arm vibration.

Comparatively, Robots completely remove the need for the involvement of workers in certain tasks. Robots are helpful in automating highly repetitive tasks like brick-laying and tying rebar.

## Faculty Focus

- ❖ Mrs. A.Lakshmi Prasanna completed NPTEL Course in Subsurface Exploration with Elite Status in July-September 2023.
- ❖ Mrs. A.Lakshmi Prasanna completed NPTEL Course in Research methodology with Elite Status in August- October 2023.

## Conferences/ Webinars/ Seminars/ Workshops/FDP s attended:

- ❖ Mr.K.Jeya Vignesh attended one week FDP on "Review on Recent Research in Civil Engineering" RRR-2023 from 10-07-2023 to 15-07-2023 by KHIT, Guntur.
- ❖ Mr.M.N.S.Sambasiva Rao attended one week FDP on "Review on Recent Research in Civil Engineering" RRR-2023 from 10-07-2023 to 15-07-2023 by KHIT, Guntur.
- ❖ Mr.N.M.Subhani attended one week FDP on "Review on Recent Research in Civil Engineering" RRR-2023 from 10-07-2023 to 15-07-2023 by KHIT, Guntur.
- ❖ Mr.K.Anil kumar attended one week FDP on Review on Recent Research in Civil Engineering" RRR-2023 from 10-07-2023 to 15-07-2023 by KHIT, Guntur.
- ❖ Mrs.A.L.Prasanna attended one week FDP on "Review on Recent Research in Civil Engineering" RRR-2023 from 10-07-2023 to 15-07-2023 by KHIT, Guntur.
- ❖ Mrs.K.Yamuna attended one week FDP on "Review on Recent Research in Civil Engineering" RRR-2023 from 10-07-2023 to 15-07-2023 by KHIT, Guntur.
- ❖ M.Siva Nagamani attended one week FDP on "Review on Recent Research in Civil Engineering" RRR-2023 from 10-07-2023 to 15-07-2023 by KHIT, Guntur.
- ❖ P.Naresh attended one week FDP on "Review on Recent Research in Civil Engineering" RRR-2023 from 10-07-2023 to 15-07-2023 by KHIT, Guntur.
- ❖ Mrs.K.Yamuna attended webinar on "A overview of Trends & it's Process on 14-07-2023 by Aditya Institute of Technology.
- ❖ Mrs.K.Yamuna attended one day webinar on Soil Investigations for foundation of structures" on 16<sup>th</sup> August 2023 organized by Chalapathi Institute of Technology.
- ❖ Mrs.K.Yamuna attended one day webinar on "Infrastructural Resilience for Disaster Risk Reduction" on 27<sup>th</sup> October 2023 organized by Presidency University, Bengaluru.
- ❖ Mr.M.N.S.Sambasiva Rao attended one day webinar on "Infrastructural Resilience for Disaster Risk Reduction" on 27<sup>th</sup> October 2023 organized by Presidency University, Bengaluru.
- ❖ Miss.M.Siva Naga Mani attended one day webinar on "Infrastructural Resilience for Disaster Risk Reduction" on 27<sup>th</sup> October 2023 organized by Presidency University, Bengaluru.

*"Civil engineering is the art of planning and building things that work." -Sir John Beddington*



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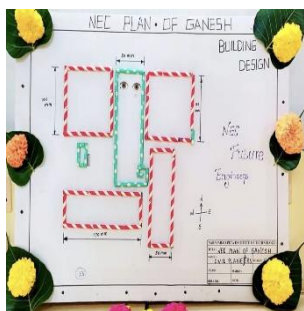
- ❖ Mrs.K.Yamuna attended one day webinar on “Artificial Intelligence in Research & Science” on 01<sup>st</sup> November 2023 organized by CliMed Research Solutions.
- ❖ Dr.P.Naga Sowjanya attended five days FDP on “outcome based education” organized by Department of Mechanical Engineering in Association with NITTR- Chandigarh from 20-11-2023 to 24-11-2023.
- ❖ Mr.K.Anil kumar attended five days FDP on “outcome based education” organized by Department of Mechanical Engineering in Association with NITTR- Chandigarh from 20-11-2023 to 24-11-2023.
- ❖ Mr.K.Jeya Vignesh attended five days FDP on “outcome based education” organized by Department of Mechanical Engineering in Association with NITTR- Chandigarh from 20-11-2023 to 24-11-2023.
- ❖ Mrs.K.Yamuna attended one day webinar on “Importance of soil and water in achieving sustainable and resilient agri-food systemse” on 15<sup>th</sup> December 2023 organized by Presidency University.
- ❖ Miss M.Siva Naga Mani attended one day webinar on “Importance of soil and water in achieving sustainable and resilient agri-food systemse” on 15<sup>th</sup> December 2023 organized by Presidency University

## Student focus

- ❖ IV, III, II Civil engineering students are actively participated in Painting & Essay writing competitions on 11-8-2023 conducted by NEC on the Event of Independence day.



- ❖ IV,III,II Civil engineering students are actively participated in Ganesh idol model Preparation Program organized by NEC on the event of Ganesh Chaturdhi conducted on 15.9.2023



- ❖ IV, III, II Civil engineering students are actively participated in Smart India Hackathon 2023 on 21-09-2023 to 23-09-2023.



- ❖ 2019-2023 Civil engineering Students attended Graduation day program on 30-09-2023.



**Ch.Pujitha (Regd No.19471A0111)** achieved the highest academic standing and awarded with Gold medal

- ❖ III year civil Engineering students actively Participated in 33<sup>rd</sup> National energy conservation day held on 14-12-2023.



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## Important Activities held in the Department

- ❖ Civil Engineering Department organized the Engineers day event on the occasion of Sir M.Viseswarayya garu on his birth Anniversary on 15.09.2023.



- ❖ Civil Engineering Department managed a Industrial visit to II B.Tech Lateral entry Civil Engineering Students to Mittapalli Spinners Pvt. Limited on 06-11- 2023.



- ❖ Civil Engineering Department organized Primavera Training for IV B.Tech students from 13<sup>th</sup> -25<sup>th</sup> November,2023.



## Industrial Visit

- ❖ Civil Engineering Department managed a Industrial visit to Third B.Tech Civil Engineering Students to Srisailem project on 22-07-2023.



## Alumni Voice



I feel fortunate to be a student of Narasaraopeta Engineering College as it helped me to both on personal and professional front. It inculcated a lot of intra and interpersonal skills which helped me in all round development. Teaching by the senior faculty and the field exposure in my college life has helped me a lot in securing a good job. Personal care towards me by the faculty members has helped me in qualifying the competitive exams at national level. I thank the management of the college for providing necessary materials and books in the library to face the competitive world.

**P.Govardhan, Regd. No.19471A0144, Graduate Engineer Trainee, Amar raja Infra Pvt.Limited, Hyderabad.**

## Student's Voice



I acknowledge that my knowledge has been enriched due to my association with our department. Knowledge transformation programs (Guest lecture, workshops, Industrial Visits & skill development programme) conducted to the students is really helpful to face global competition.

**K.Anuhya, Regd. No.20471A0122, IV B. Tech**

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