

### About Department

Department of Civil Engineering was established in the year 2010 with an intake of 60 students and subsequently in the year 2012 the intake was increased to 120 students. The department unveiled another programme 3 year Diploma in Civil Engineering with an intake of 60 students in the year 2014. The course offers a deep insight into the discipline and enables promising engineers to acquire skills required to succeed both individually as well as in Industry. The department is committed to well being and all round development of its students. The department is very well equipped with 9 laboratories and computational facilities.

### Vision

To emanate as a proficient learning resource – center producing competent technocrat.

### Mission

- Provide Conceptual and practical- oriented teaching- learning approaches
- Offer skill based trainings through advanced and sustainable technologies
- Organize activities on professional and interpersonal skills through industry interaction
- Establish learning environment promoting to societal, environmental and ethical values

### Program Educational Objectives (PEOS)

- Analyse technical concepts and demonstrate expertise in designs, analysis and implementation of infrastructural projects of Civil Engineering
- Engage in engineering profession with teamwork focusing on sustainable technologies and ethical practices
- Adopt innovative technologies and update skills through lifelong learning

### Faculty Contributions/ Achievements

- Ms.Sk. Dilkusha published a paper in the International Journal for science and advanced research in technology on “LABORATORY INVESTIGATIONS OF STONE MATRIX ASPHALT BY USING NATURAL FIBRES” on August 2018. Volume 4 Issue 8, ISSN :2395-1052
- Mr. P. Sai Pradeep has participated in international short course on “ pavement geotechnics with geosynthetics” conducted by school of civil engineering, Vellore Institute of Technology (VIT), Vellore on 27<sup>th</sup> sep 2018.

### Guest Lecture

- Department of Civil engineering was organized a geust lecture on “damage assessment of R.C.C structures using NDT methods” on 26-09-2018. Resource Person for the guest lecture is Dr. P. RAMA MOHAN RAO, Associate Professor , department of civil, VIT Vellore.



### Department Association Activities

- Department of Civil engineering has conducted an awareness programme under GRACE association on “open defecation and its harm” at Gangavaram village on 07/08/2018.



- Department of Civil engineering has organised “ENGINEERS DAY-2K18” under GRACE association on 15/09/2018.



- Department of Civil engineering conducted sports meet for all B.Tech CE students on 18-aug-2018 under GRACE association.



### Industrial visit

- Department of Civil engineering organized an **INDUSTRIAL VISIT** to Nellore-**Mumbai highway** near Varadhi centre for IV B. Tech Students on 17-07-2018.



### Workshops

- Department of Civil engineering was organized a Five day workshop for III B.Tech students on “Design and Drawing of Irrigation Structures” from 06/08/2018 to 10/08/2018. Resource Person for the workshop is Mr. M. Raja Mohana Reddy, Site Engineer, Ramsri Constructions Pvt. Ltd, Hyderabad
- Department of Civil engineering was organized a Five day workshop for IV B.Tech students on “Construction Technology and Project Management.” from 06/08/2018 to 10/08/2018. Resource Person for the workshop is Mr. Ch. Manoj Kumar, Site Engineer, Sri Saiteja Constructions and Consultancy, Srikakulam

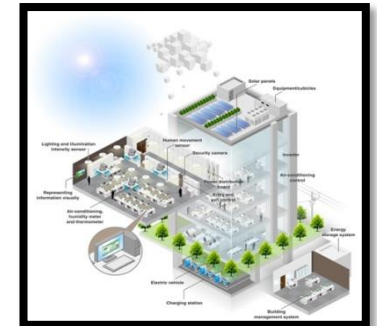


### Smart Building

At its most basic, a smart building is one that is using technology to share information about what goes on in the building between systems so as to optimise the building’s performance. This information is then used to automate various processes, from heating and ventilation to air conditioning and security.

### NECESSITY OF SMART BUILDING

Cities today contain 50 percent of the world’s population, consume 75 percent of global energy and emit 80 percent of global greenhouse gas emissions. By 2050, they will be home to 70 percent of the world’s population. Cities face urban challenges of an unprecedented scale: scarcity of resources such as energy and water; environmental pressure and pollution; aging and overloaded infrastructure; traffic congestion and crime. yet, they need to compete globally for talent, jobs and investments, while reducing their costs and managing their debt.



### Editorial Board:

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