



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

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DEPARTMENT OF CIVIL ENGINEERING

Report of the Event

Event Name: Application of AI in Civil Engineering

Date(s): 29.07.2026

Coordinator: Mr Ch Giri Phani Kumar

Resource person(s): Mr. B SRINIVASA REDDY

Participants: 61

Duration: 2.5 Hours

Brief Description:

The Department of Civil Engineering organized a webinar on "**Application of AI in Civil Engineering**" on **29-07-2026** with the objective of creating awareness among students about the growing role of Artificial Intelligence (AI) in modern civil engineering practices. The webinar was attended by the II, III, and IV B.Tech Civil Engineering students along with faculty members of the department.

The resource person **Mr. B SRINIVASA REDDY**, Civil Engineer at Texas (USA) delivered an informative session highlighting the significance of AI in various domains of civil engineering, including structural health monitoring, construction planning and scheduling, project management, geotechnical engineering, Building Information Modeling (BIM), disaster prediction, smart cities, and sustainable infrastructure development. The session also demonstrated how AI techniques such as Machine Learning, Deep Learning, Computer Vision, and Predictive Analytics are being used to improve accuracy, reduce project costs, enhance safety, and optimize construction processes.

Students (61) actively participated in the webinar and interacted with the resource person during the question-and-answer session. The webinar enhanced their understanding of emerging technologies and encouraged them to explore AI-based tools and research opportunities in civil engineering.

The programme concluded with a vote of thanks, expressing gratitude to the resource person, the Principal, the Management, faculty members, and all the participants for making the webinar a successful and enriching event.

Outcome of the Webinar:

- Enhanced awareness of Artificial Intelligence applications in Civil Engineering.
- Improved understanding of AI tools for planning, design, monitoring, and maintenance of infrastructure.
- Motivated students to pursue AI-based research and innovative engineering solutions.

