

DEPARTMENT OF CIVIL ENGINEERING

Date: 11 August 2026

A Report on Guest Lecture on AI and Automation Solutions

Venue: Nalla Narasimha Reddy Education Societies Group of Institutions (NNRG)

Topic: AI and Automation Solutions

Resource Person: S. Jaswanth

A guest lecture on “AI and Automation Solutions” was conducted at NNRG on 11/08/2026. The guest lecture was presented by Mr. S. Jaswanth, Siddani Green Training Consultancy, who introduced the participants to the growing role of Artificial Intelligence (AI) and automation in education, engineering, industry, and day-to-day activities. The guest lecture was conducted for III & IV Year Civil Engineering Students. A total of 45 students attended the session.

Objectives of the guest lecture

The major objectives of the guest lecture were:

- To create awareness about Artificial Intelligence and its applications.
- To explain the importance of automation in modern industries and organizations.
- To introduce participants to AI-based tools and solutions.
- To demonstrate how AI can improve productivity and decision-making.
- To encourage students and faculty members to explore emerging technologies.

Mr. S. Jaswanth explained the basic concepts of Artificial Intelligence, Machine Learning, and Automation in Civil Engineering and discussed their increasing importance in the present technological environment. He highlighted how AI-based systems can assist in analysing information, generating solutions, automating repetitive activities, and improving efficiency. The session also focused on practical applications of AI and automation in various fields. Examples and demonstrations helped the participants understand how emerging technologies can be integrated into academic and professional activities.

The resource person encouraged students to develop their technical skills and remain updated with rapidly developing AI technologies. The importance of responsible and effective use of AI was also emphasized.

Outcome

The guest lecture provided valuable exposure to students and faculty members regarding the potential of AI and automation. Participants gained a better understanding of current AI applications and the opportunities available for using automation to improve efficiency and productivity.

The guest lecture on “AI and Automation Solutions” conducted by Mr. S. Jaswanth on 11 August 2026 at NNRG was informative and beneficial. The session enhanced awareness of emerging AI technologies and their practical applications. It encouraged participants to adopt a technology-oriented approach and explore AI and automation for academic, engineering, and professional development.



III, IV Year Students and Faculty in the session



Presentation by Er. S. Jaswanth

HoD-CE