Two-Week Hands-on Workshop on MERN Stack @ SITAM

Date: July 21–August 2, 2025 | Venue: SITAM, Vizianagaram

The Department of Computer Science and Engineering at SITAM successfully conducted a two-week hands-on workshop on MERN Stack Web Development for third-year CSE students, starting from July 21, 2025. The workshop was organized under the guidance and mentorship of Dr. G. Venumadhava Rao, Head of the Department, CSE.

Nearly 80 enthusiastic students participated in the workshop, which was uniquely led by final-year student mentors:

• Giduthuri Purna Chandrashekar – Frontend Development (React.js)

• Vadlamani Venkata Sai Vamsi Krishna – Backend Development (Node.js & Express.js)

• Pranav Sai Katakam – Database Management (MongoDB)

The 10-session workshop provided an immersive, project-based learning experience covering the full MERN stack — MongoDB, Express.js, React.js, and Node.js — along with REST API integration. Participants engaged in practical sessions by collaboratively building a fully functional News Blog application, gaining valuable exposure to real-world web development workflows.

Throughout the program, students worked in teams, applying their knowledge to design and develop their own versions of the application under the close mentorship of the student trainers.

The workshop concluded with a project showcase, where 13 student teams presented their completed projects in the presence of Dr. D.V. Rammurthy, Principal of SITAM, Dr. M. Sashibhushana Rao, Director, and Dr. G. Venumadhava Rao, HoD–CSE, along with faculty members from various departments. The event concluded with encouraging feedback from participants and recognition for the student trainers, who were awarded cash prizes as a token of appreciation for their dedication and excellence.

The Department of CSE expresses its sincere gratitude to the organizing committee, mentors, and all participating students for making the workshop a remarkable success and a model for peer-driven learning.