

Tech Edge Program on Full-Stack Development – Summary

Organized for: CSE Department (3rd Year Students)

The Tech Edge training program on Full-Stack Development was organized to provide students with the knowledge and practical skills required for developing modern web applications. The program followed a structured learning approach that integrated theoretical concepts with hands-on coding exercises, enabling participants to understand the complete web development lifecycle. Conducted over 27 lectures, the training covered essential front-end technologies, including HTML, CSS, JavaScript, and responsive web design, along with back-end development concepts such as server-side programming, APIs, and database management. Students gained practical experience in implementing CRUD operations, managing data, and building fully functional web applications. The program also introduced modern development tools, frameworks, and version control systems used in the software industry. Through project-based learning and practical assignments, participants enhanced their problem-solving, debugging, testing, and application maintenance skills. By the end of the program, students were able to design, develop, and deploy complete full-stack applications, strengthening their readiness for industry roles and real-world software development projects.

