

Report of Workshop on “Full Stack Development with AI Integration”

Organized by,

Department of CSE and CSE-Allied

Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

Title: Workshop on “Full Stack Development with AI Integration”

Speaker: Mr. Anup Kr. Paswan

About the Speakers: Corporate Trainer and Full Stack Developer

Date and Time: 03 November 2025, from 02:30 PM onwards

Mode: Offline

Number of Participants: 42

Objective:

The primary objective of the workshop “Full Stack Development with AI Integration” was to equip students with knowledge of modern web development technologies integrated with artificial intelligence techniques. The session aimed to bridge the gap between theoretical learning and practical industry requirements by introducing students to frameworks, tools, and workflows used in full-stack development. It also focused on how AI can be embedded in web applications to enhance performance, automation, and user experience.

Event Summary:

The Department of Computer Science and Engineering and CSE-Allied of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex (SurTech) organized a workshop on “Full Stack Development with AI Integration” in collaboration with Euphoriagenx on 03 November 2025. The session was conducted by Mr. Anup Kr. Paswan, Corporate Trainer and Full Stack Developer from Euphoria genx, who delivered an engaging and hands-on session on web development, covering both frontend and backend technologies, along with practical demonstrations of integrating AI modules into web-based systems.

A total of 42 students from 3rd year CSE and CSE-Allied participated in the workshop. The students gained practical insights into modern development tools, best practices, and the importance of AI in

shaping the next generation of intelligent applications.

Outcome:

After attending this workshop, participants were able to:

- Understand the key concepts and workflow of **MERN** stack development.
- Learn how **AI technologies** can be integrated into full stack web applications.
- Gain **hands-on exposure** to modern tools, frameworks, and deployment practices used in the industry
- Develop an understanding of **real-world project workflows**, version control, and teamwork in software development.
- Enhance **career readiness** for roles in full stack and AI-based software development.

The program was organized by **Ms. Madhusmita Mishra**, TIC-CSE (AIML). The session was coordinated by **Ms. Chandrima Sinha Roy**, Assistant Professor, CSE and **Ms. Deepta Debnath**, TA, CSE, and **Mr. Abhishek Bysack**, Asst. System Admin, CSE.



Fig 1: Workshop on “Full Stack Development with AI Integration” dated 03/11/2025

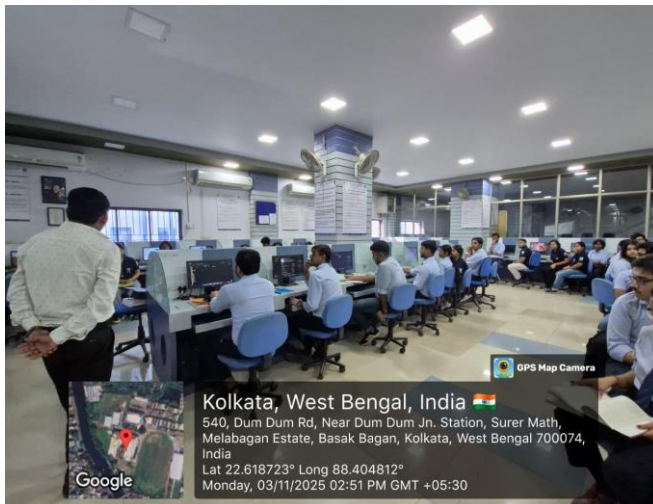


Fig 2: Interaction session of the Workshop dated 03/11/2025