



GURU NANAK DEV ENGINEERING COLLEGE

An autonomous college u/s UGC Act- 1956 [2{f} and 12{B}]

Gill Park, Ludhiana, 141006



EVENT NAME: GNE APEX 2024

SOCIETY NAME: CSI (Computer Science Society of India)

Type of Event: Live Project Display

Date: 25th October 2024

Timing: 9:00 AM to 4:00 PM

Venue: College Ground

BRIEF DETAILS OF EVENT:

Computer Society of India, Guru Nanak Dev Engineering Ludhiana had performed the activity of displaying the live project at GNE APEX 2024. In this event a number of schools had participated and even the students of college had participated too.

At the stall 3 projects developed by the final year students of IT and CSE showcased for enhancing the knowledge of students. The first project, Fitness Posture Detector, utilized computer vision and AI to analyze body posture during exercises, ensuring users maintain proper form to prevent injuries and maximize workout efficiency. By integrating real-time feedback mechanisms, this project aimed to enhance fitness training experiences.

The second project, Fake News Detector, leveraged natural language processing (NLP) and machine learning to identify and flag misinformation across various digital platforms. This system aimed to combat the spread of fake news by verifying sources and assessing content credibility, promoting responsible information consumption.

The final project, Image Generator on Text Basis, employed advanced AI models to generate images based on textual descriptions. Using deep learning techniques, this project demonstrated the potential of text-to-image synthesis, catering to applications in design, content creation, and visualization. These projects highlighted the diverse and impactful use of AI across multiple domains.

CSI has conducted this technical event so that students get to know how the projects to be designed and what current technologies or skills are in demand. During the conduction of the event a number of staff members of college and schools had visited the stall to know about the working of projects. Along with them students had shown their interest too for learning about these new technologies