Node up your creativity with OpenAI

Event: A one-day hands-on workshop for beginners to understand the fundamentals of image generation using AI.
Date: 23/02/2023
Time: 2:00 PM to 5:00 PM
Location: IT Lab 04, 3rd floor A wing, DBIT, Kurla.
Conducted by: Tushar Padhy & Jasmit Rathod
Coordinator: CSI Team, DBIT

About Our Event:

Brief description:
A thorough workshop designed and delivered to teach students how to develop an AI-based image generation web application with Node.js and Express.js, as well as the principles of the backend, such as routing and RestAPI.

Category: Workshop
Number of participants who registered: 32
Number of participants who participated: 32

Reasons why we chose this event:
The purpose of this event was to provide students with a basic understanding of image generation using AI as well as to teach the principles of AI, Node.js, and Express to students. The course assisted students in learning the basics of the backend, such as routing and RestAPI.

Registration fee: CSI members - Rs 30
Non-CSI members - Rs 50

How was it conducted?

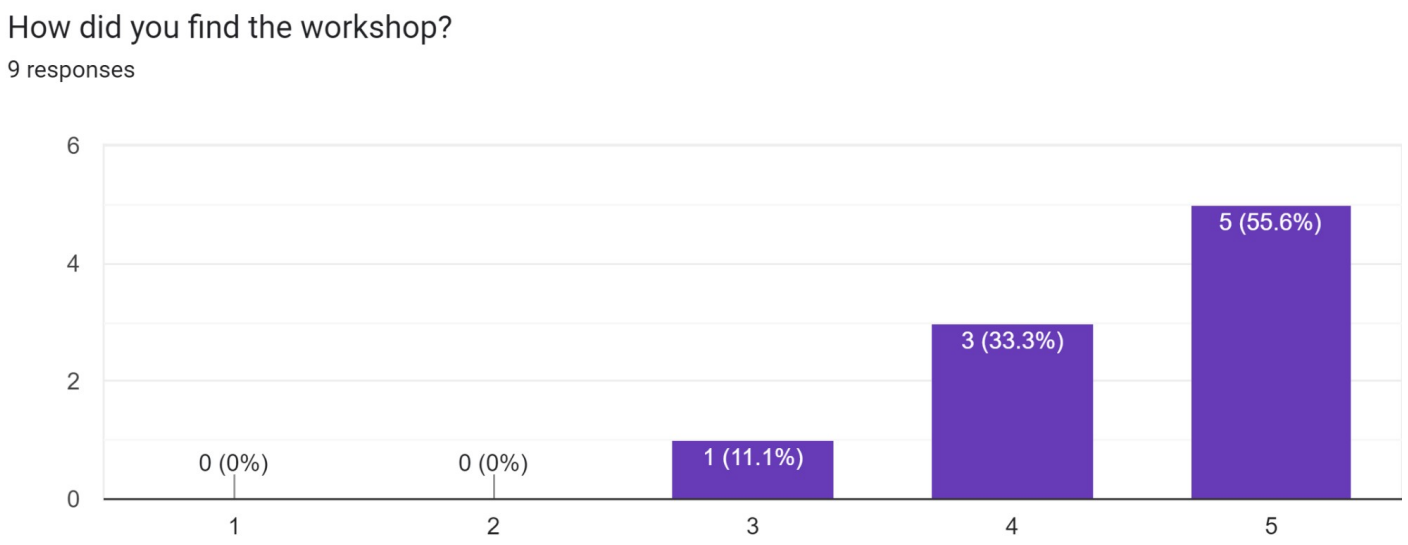
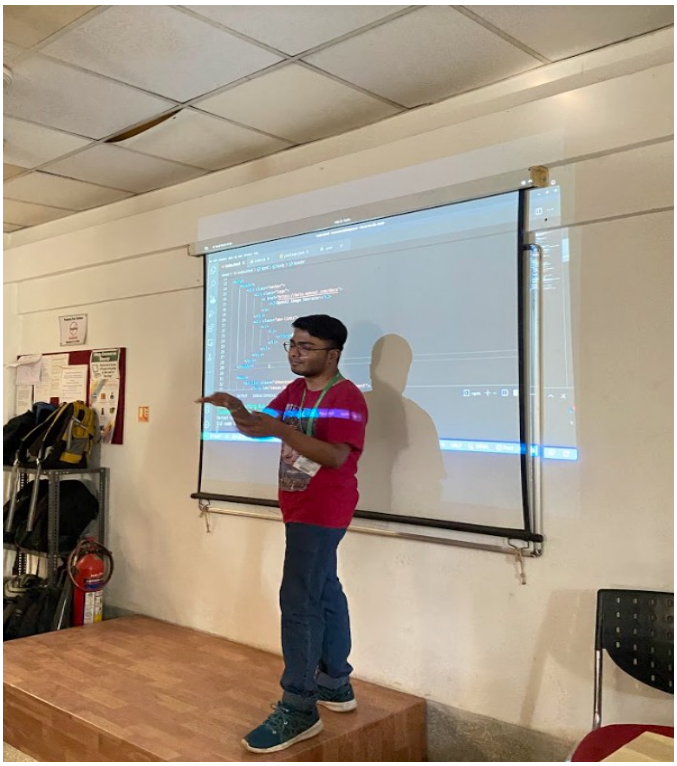
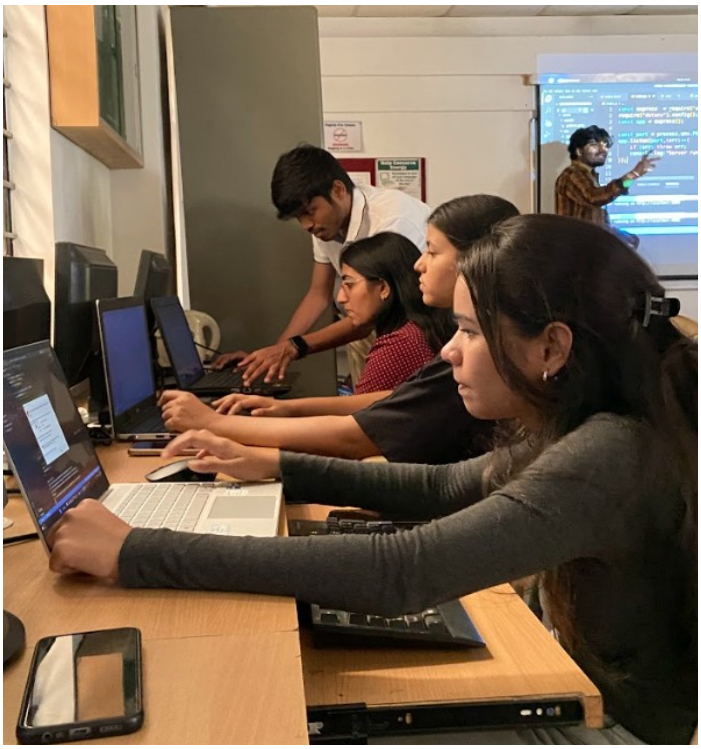
- Tushar Padhy & Jasmit Rathod began the workshop at 2:00 PM with an introduction to AI image generation and its applications in many industries.
- An overview of Node.js and Express.js was provided, as well as an explanation of how they can be utilized to construct online applications.
- Then The development environment was set up, and a new Node.js and Express.js project was created.
- The environment variables were set, the API keys were created, and the authentication for OpenAI's DALL-E 2 API was completed.
- Afterwards, the web application's main functionality, including user input and image rendering, was constructed.
- Lastly, Stable diffusion (an open-source alternative to dall e 2) was studied, and its implementation was observed.

Volunteers: 13 (entire sr CSI core team)

Time commitment: 3 hrs

Materials required: Laptops, IT Lab 4

Feedback:



Pictures: