

# **EVENTS ORGANISED BY AI TECHIES CLUB FOR THE ACADEMIC YEAR 2023-24**

## **MENTOR - PROF DEEPTI VIJAY CHANDRAN**

### **1. VALUE ADDED PROGRAM ON AI POWERED OPPORTUNITIES**

A value added program of 4 days hands on workshop - "AI Powered Opportunities" was organised by AI Techies Club from 03/10/2023 to 06/10/2023. It was meticulously curated by Mr. Satyaprakash Tiwari , Mr. Soheb Dalvi along with Prof. Deepti Vijay Chandran. Satyaprakash's opening session on "Discriminative AI" provided a comprehensive foundation for the workshop , setting the stage for in-depth exploration. On second day use case on topics such as classification and detection from an image using Neural Networks were covered. On the third day, Soheb delved into intriguing realm of "Generative AI", captivating participants with its text generation capabilities using GPT2 model. The workshop's last day featured Prof. Deepti Vijay Chandran, offering valuable insights into the practical application of AI in Assistive Technology. Her session seamlessly connected theoretical concepts to real world scenarios , providing a holistic understanding for all attendees. The diverse audience , comprising students from 2nd to 4th years, actively engaged in the workshop, showing commendable enthusiasm. The inclusion quizzes at the end of each session added an interactive and enjoyable element to the learning experience.

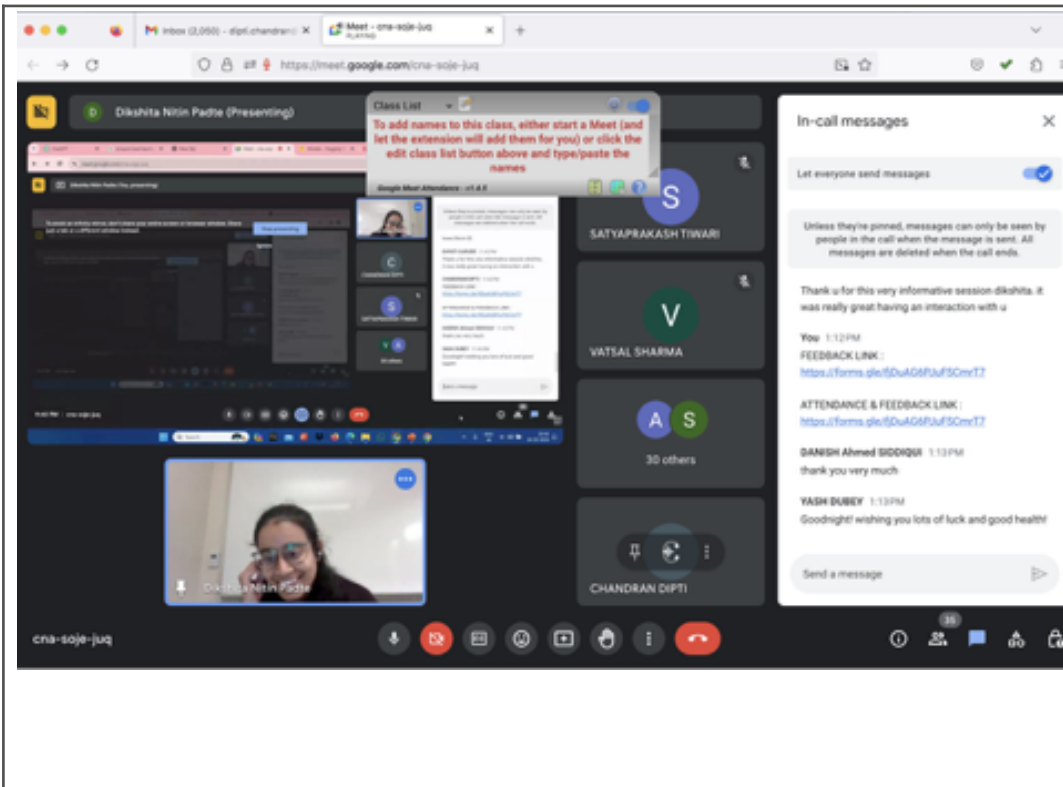
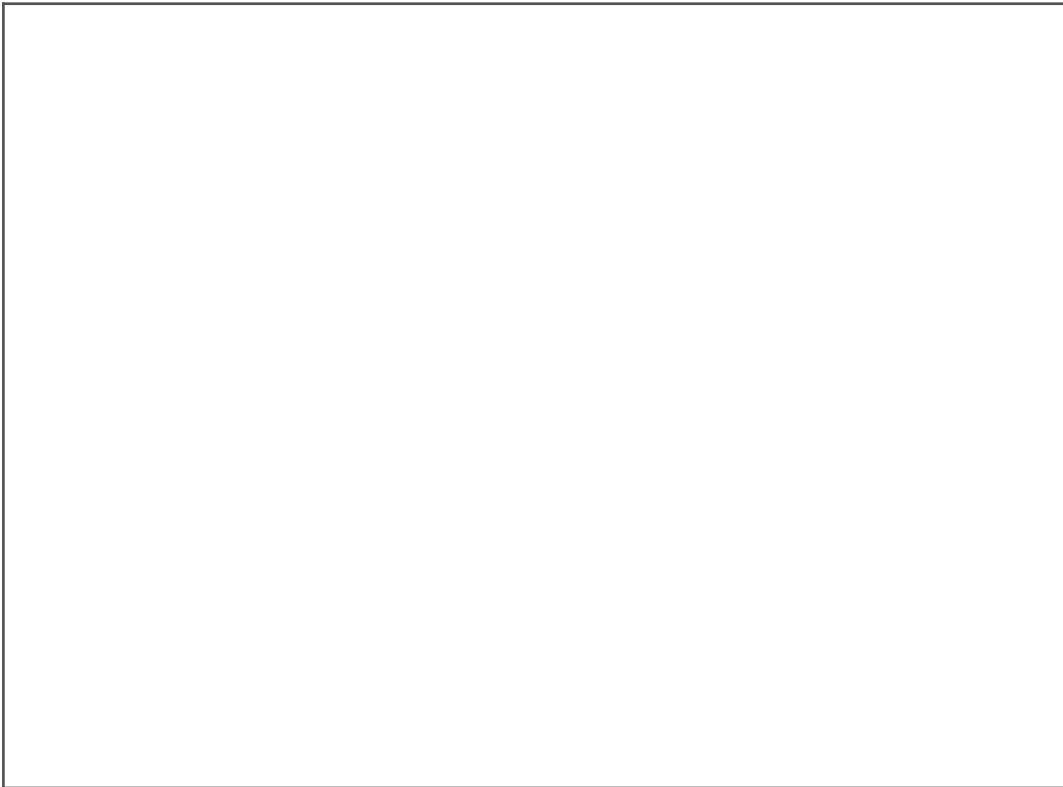






## **2. WEBINAR ON LARGE LANGUAGE MODEL AND GENERATIVE ADVERSARIAL NETWORK**

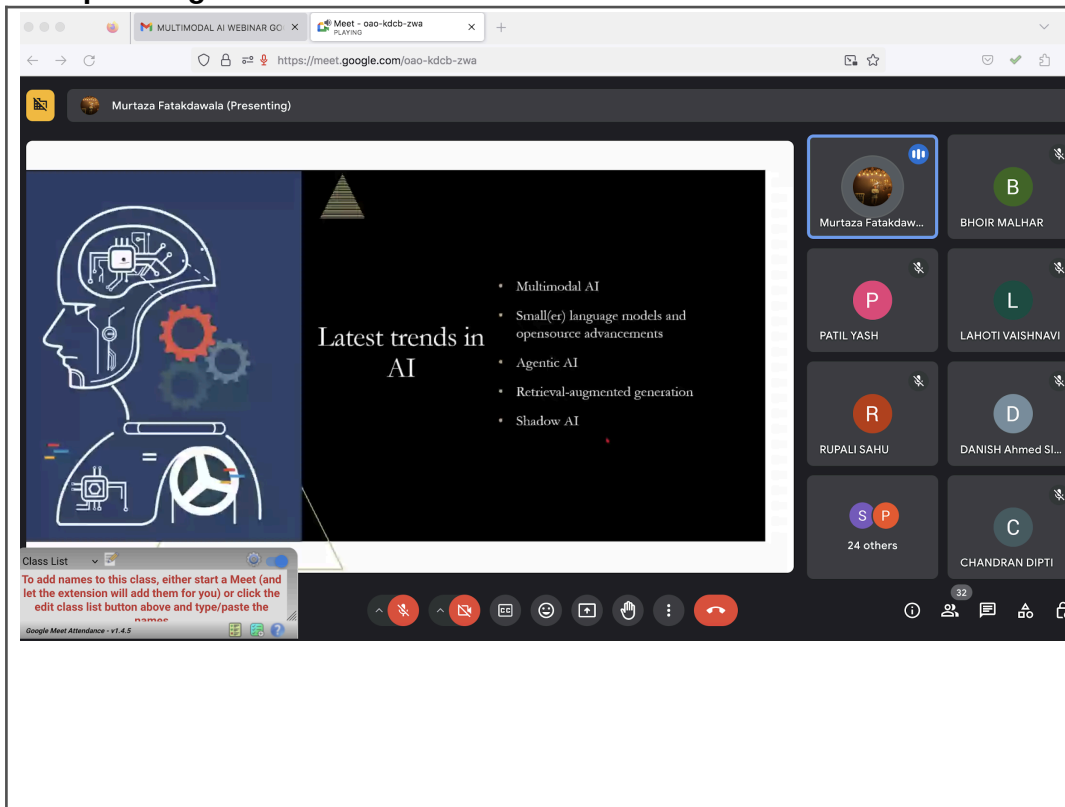
**A Webinar was organised by AI Techies Club on the topic of “Large language Model and Generative Adversarial Networks” . The webinar was conducted by Ms Dikshita Padte an alumni of our department, pursuing Masters in Computer Science wi**



th AI specialization at University of Southern California. The Speaker guided the students through both the theory and practical implementation of the topics. The session was concluded with an interactive session wherein the students engaged actively with the speaker to maximise the knowledge sharing experience.

### 3. WEBINAR ON MULTIMODAL AI

**A Webinar was organised by AI Techies Club on the topic of “Latest Trends in AI - Multimodal AI” . The webinar was conducted by Mr Murtaza Fatakdawala , an alumni of our department, pursuing Masters in Computer Science at Queen Mary , University of London. The Speaker guided**



**the students through the applications and tools available in the multimodal AI concept . The session was concluded with an interactive session wherein the students engaged actively with the speaker to understand what is next in the sequence of CHATGPT family and how it will evolve the generative feature.**

MULTIMODAL AI WEBINAR GOO X Meet - oao-kdcb-zwa PLAYING

https://meet.google.com/oao-kdcb-zwa

Murtaza Fatakdawala (Presenting)

## Retrieval-augmented generation

Although generative AI tools were widely adopted in 2023, they continue to be plagued by the problem of hallucinations: plausible-sounding but incorrect responses to users' queries. This limitation has presented a roadblock to enterprise adoption, where hallucinations in business-critical or customer-facing scenarios could be catastrophic. Retrieval-augmented generation (RAG) has emerged as a technique for reducing hallucinations, with potentially profound implications for enterprise AI adoption. RAG blends text generation with information retrieval to enhance the accuracy and relevance of AI-generated content. It enables LLMs to access external information, helping them produce more accurate and contextually aware responses. Bypassing the need to store all knowledge directly in the LLM also reduces model size, which increases speed and lowers costs.



Class List

To add names to this class, either start a Meet (and let the extension will add them for you) or click the edit class list button above and type/paste the names

Google Meet Attendance - v1.4.5

2020-21 Odd III DS Course File New Format - SE 2

Murtaza Fatakdaw...	BHOIR MALHAR
PATIL YASH	LAHOTI VAISHNAVI
RUPALI SAHU	DANISH Ahmed SI...
26 others	CHANDRAN DIPTI