



NEW HORIZON
COLLEGE OF ENGINEERING

Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
Accredited by NAAC with 'A' Grade & Accredited by NBA

Department of Artificial Intelligence & Machine Learning

Alumni Talk on “Revolutionizing AI with Large Language Models: Use Cases and Best Practices”

Event Description:

Department of AI & ML and Alumni Association, NHCE had organized an Alumni Talk on “**Revolutionizing AI with Large Language Models: Use Cases and Best Practices**”.

Speaker: Fizza Mirza

Designation: Associate Consultant-AI/ML, Connection Group

Date: 07th November 2024

Time: 11:00 am - 12:00 pm

Venue: A007

On 7th November 2024, Fizza Mirza (2020-2024 Alumni), an AI Engineer at Connection Group, delivered alumni talk on ‘Revolutionizing AI with Large Language Models: Use Cases and Best Practice’. The event was held from 11:00 am to 12:00 pm for Vth semester students at venue A007.

Fizza began by introducing the fundamental concepts behind LLMs, explaining their ability to process and generate human-like text based on vast amounts of data. She discussed how LLMs, such as GPT models, have gained prominence due to their remarkable performance in natural language understanding and generation tasks. The talk highlighted several key use cases where LLMs are making a significant impact, including:

Automated Customer Support: LLMs are revolutionizing customer service by enabling chatbots and virtual assistants to handle inquiries with accuracy and context-awareness.

Content Generation: The ability of LLMs to generate high-quality, coherent content has opened doors for industries like media, marketing, and education, where they are used for writing articles, creating reports, and drafting emails.

Personalized Recommendations: LLMs help businesses understand customer preferences and provide tailored recommendations, enhancing user experience in sectors like e-commerce and entertainment.

Fizza also addressed the challenges and best practices when working with LLMs. She emphasized the importance of fine-tuning models to specific tasks, ensuring ethical AI practices, and managing the computational costs involved in deploying LLMs at scale. She further highlighted the need to maintain data privacy and address biases that can emerge in AI systems. The session concluded with a Q&A where attendees gained further clarity on the potential and limitations of LLMs.




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Alumni Association | Department of Artificial Intelligence and Machine Learning

Alumni Talk

**Revolutionizing AI with Large Language Models:
Use Cases and Best Practices**

📅 07 November 2024
🕒 11:00 AM - 12:00 PM
📍 A-007

Faculty Coordinator
Dr. Sreejith S
Associate Professor - AIML

Convener
Dr. N V Uma Reddy
Professor & HOD - AIML

Dr. Anitha S Rai
Director - Library and
Alumni Relations - NHCE

Dr. Manjunatha
Principal - NHCE

Fizza Mirza
Associate Consultant - AI/ML
Connection Group



Faculty Coordinator

HOD-AIML