Report of Training

Title: One-Day Hands-On Workshop Generative AI and Large Language Models (LLMs)

Category: Workshop (Offline)

Date: 07th Feb 2025

No. of Resource Persons: 04

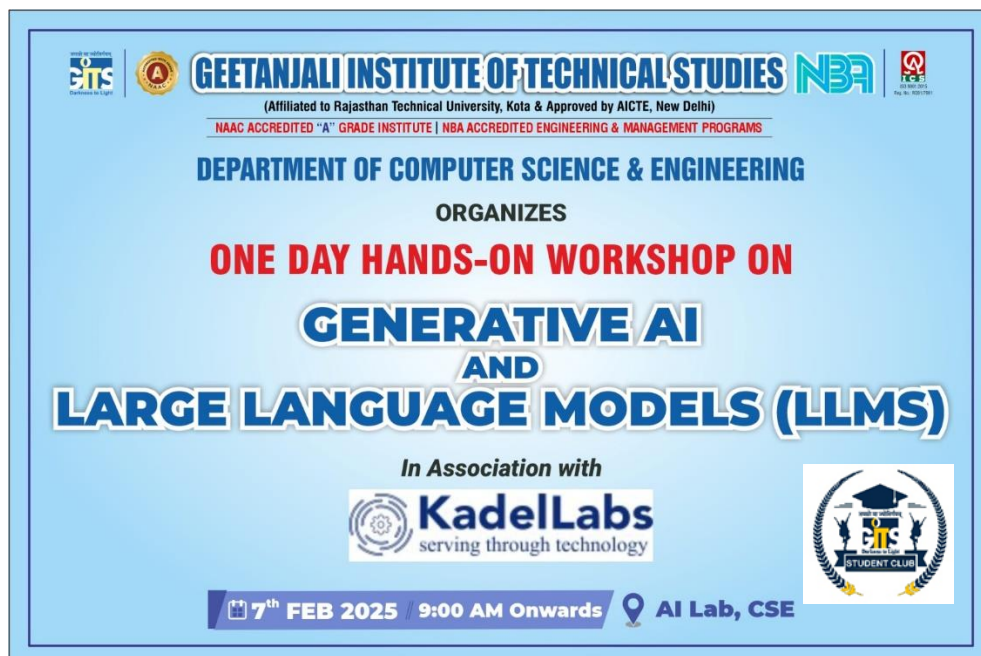**No. of Participants:** 55

Organizers: Student Club CSE

Event Coordinator: Dr Ruchi Vyas & Ms. Upasana Ameta

Resource Person: Mr. Gaurav Paliwal, Mr. Prafull Soni, Mr. Pawan Kumar, Dr. Kanika Garg

Mode: Offline

Objective: The workshop had the goal to make the students know the concepts of Artificial Intelligence, Generative AI and Large Language Models.

Poster:

Inaugural Session:
In inaugural session following were present.

1. Dr. Mayank Patel, HOD CSE, GITS
2. Participants

An introductory session was taken that aimed to comprehend the basics of Artificial Intelligence, AI and NLP.

Introduction to Artificial Intelligence: Artificial intelligence refers to computer programs that simulate human thought processes in order to carry out intricate tasks like learning, reasoning, and analysis.

Training Brief:
The workshop was focused on the required technologies that play an essential role to understand and develop Large Language Models. The training imparted the basics of the followings:

Generative AI: One kind of artificial intelligence (AI) that can produce original text, images, videos, and music is called generative AI (GenAI). It is capable of learning biology, chemistry, art, human language, and more.
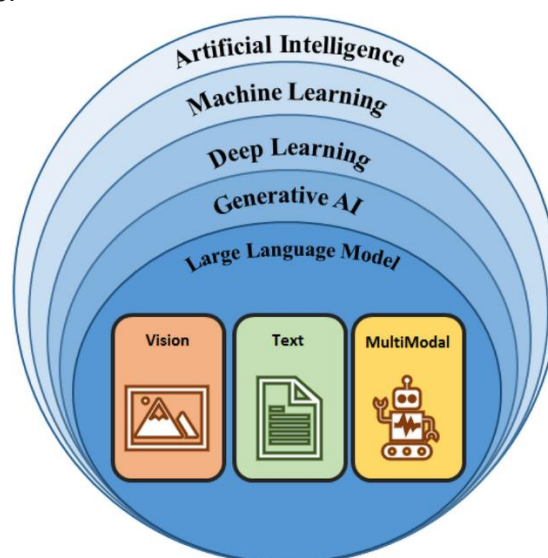
Large Language Models: AI-powered models known as large language models (LLMs) are capable of writing, translating, and responding to queries, among other language-related tasks. Virtual assistants, content moderation, and customer service are just a few of the many uses for them.

Real World Use Cases: Real world problem solution and development. Developing chatbots, content generation, sentiment analysis, healthcare applications and more.

Hands-On Coding: Building Q&A chatbots, text summarization and sentiment analysis implementation using hands-on coding.

Live Demonstration: Live demo of hands-on project and various applications of Large Language Models. Interactive Q&A sessions by resource persons for better understanding.

Internship Opportunities: The resource persons shared the details regarding the internship opportunities at Kadel Labs.
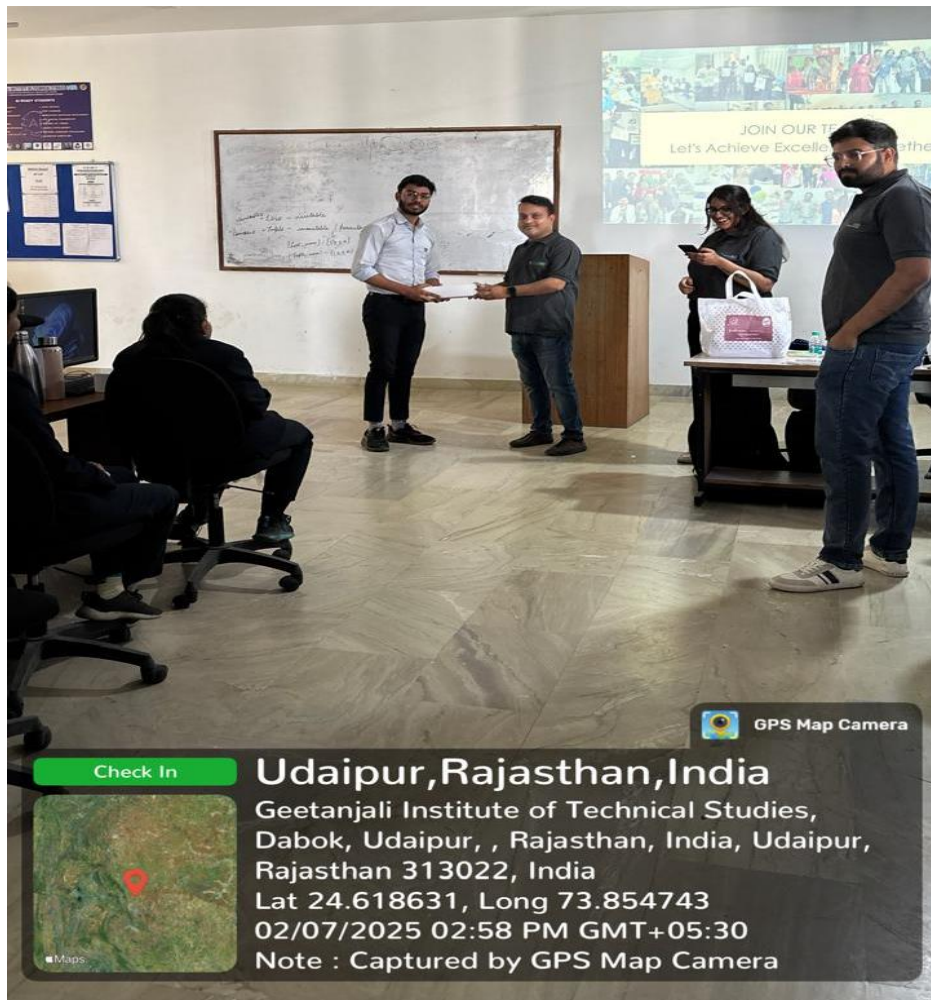
Photos:

Day-1:

Day-2:

Outcome:

The participants learned about the basics of Artificial Intelligence, Generative AI and Large language Models (LLMs) concepts as well as its real time implications with the followings:

1. To understand difference between AI, ML and Data Science.

2. To comprehend the applications of AI.

3. To understand the concept of Generative AI.

4. To comprehend Natural Language Processing (NLP) and Large Language Models (LLMs).

5. To implement LLMs to generate real world applications.

6. To perform hands-on coding to develop various LLMs including chatbots.

7. To understand the live demo of real world working LLM models.

8. To evaluate the LLM models and their working.

9. To understand various internship-related opportunities.

10. To understand the basics of data science.

Student Attendance:

VI Sem-CSE & AI

S.No.	RTU Roll No.	Student Name	Section	Morning	Evening
		Attendance List for Hands-On Workshop on Generative AI and LLM			
		Date: 7th Feb, 2025			
1	22EGICS020	Chetan Kumar	A		
2	22EGICS022	Darsh Purohit	A		
3	22EGICS042	Harshit Borana	A		
4	22EGICS019	Charvi Bapna	A		
5	22EGICS018	Charu Jain	A		
6	22EGICS080	Mouli Shree Sharma	B		
7	22EGICS112	Rani Chauhan	B		
8	22EGICS104	Prerak Ameta	B		
9	22EGICS097	Parth Sharma	B		
10	22EGICS120	Rishi Somani	B		
11	22EGICS067	Lakshita Jain	B		
12	22EGICS093	Palak Ameta	B		
13	22EGICS124	Sahil Mohammed	C		
14	22EGICS134	Siddhi Dani	C		
15	23EGICS209	Richa Kumari	C		
16	22EGICS154	Vishal Kumar	C		
17	22EGICS127	Samyak Pagaria	C		
18	22EGICS130	Seetal Soni	C		
19	22EGICS135	Somit Vijayvargiya	C		
20	23EGICS200	Aaqib D M	C		
21	23EGICS210	Shivani Chauhan	C		
22	23EGICS201	Aishwary Jain	C		
23	22EGICS158	Yashvi Chittora	C		
24	22EGICS131	Shiv Kumar	C		
25	22EGICS128	Sankalp Chakravorty	C		
26	23EGICS206	Gaurav Ameta	C		
27	23EGICS208	Isha Chittora	C		
28	22EGICS149	Vidit Bansal	C		
29	22EGICA004	Devdath Sajayan	D		
30	22EGICA005	Dikshit Kumar	D		
31	22EGICA008	Divyanshi Shrimali	D		
32	22EGICA011	Jigyasha Chouhan	D		
33	22EGICA015	Mustansir Gumani	D		
34	22EGICA017	Priyank Nandawat	D		
35	22EGICA020	Riya Mittal	D		
36	22EGICA021	Sanvi Purohit	D		
37	22EGICA025	Snigdha Gupta	D		
38	22EGICA026	Somya Seth	D		
39	22EGICA031	Uditi Parmar	D		
40	23EGICA200	Eshan Bharti	D		
41	22EGICS156	Yash Chittora	C		
42	23EGICS207	Hitesh Saha	C		
43	22EGICS300	Mahi Lavti	C		
44	22EGICA013	LAKSHYA TYAGI	D		
45	22EGICA014	LOCHAN SUKHWAL	D		

VIII Sem-CSE & AI

S.No.	RTU Roll No.	Student Name	Section	morning	Evening
1.	21EGICS034	Gauita	A	*(signature)*	*(signature)*
2.	21EGICS300	Titiksha	B	*(signature)* sharma	*(signature)* sharma
3	21EGICA300	Gaurav	C	*(signature)*	*(signature)*
4	21EGICS126	Yuvraj singh Chouhan	B	*(signature)*	*(signature)*
5.	21EGICS058	Kuldeep Nath Choulam	A	Kuldeep	Kuldee
6	21EGICA005	Dharmveer singh Jodya	C	*(signature)*	*(signature)*
7.	22EGICS203	Rajat Sen	B	*(signature)*	*(signature)*
8	21EGICS018	Bharat kumawat	A	भरत	भरत
9	21EGICS051	Kapil Merenia	A	Kapil	Kapil
10	21EGICS012	Anmol singh.	A	*(signature)*	*(signature)*
11	21EGICA004	Aditya nung sengh	A	Aman	Aman
12	21EGICS009	Aman	A		
13.	21EGICS015	Anishi Sharing	A	*(signature)*	*(signature)*