G.S. Mandal's

Maharashtra Institute of Technology, Chatrapati Sambhaji Nagar

1. **Event Date:** 12th Jan 2023

2. **Event**: - Technical Talk on Use cases of AI

3. **Speaker at the Event:** Mr. Mandar Kulkarni, Infinity Tech Resources.

Objectives: ● Introduce the concepts of AI, machine learning, and deep learning.

● Showcase real-world AI applications across various industries.

Outcome:

● Greater awareness of AI's ethical implications.

● Inspired students to further explore AI technologies.

Gist of the event:

The Inaugural session of the Student Association "Ignite" took place with great enthusiasm, and one of the key highlights of the event was the insightful Technical Talk delivered by Mandar Kulkarni, a renowned expert in Artificial Intelligence (AI). The session focused on exploring the various use cases of AI in different industries, shedding light on its transformative potential. The talk aimed to engage students and professionals alike, offering them a comprehensive understanding of the ways AI is revolutionizing various fields.

Key Highlights of the Session:

1. **Introduction to AI:** Mandar Kulkarni began by introducing the core concepts of AI, explaining its evolution from simple machine learning algorithms to advanced systems that mimic human intelligence. He provided a clear distinction between AI, machine learning, and deep learning, ensuring that all attendees understood the fundamental differences and applications of these technologies.

2. **Real-World Applications:** The talk focused on practical use cases of AI in multiple sectors:

    o **Healthcare:** AI is significantly improving patient care through predictive analytics, disease diagnosis, personalized treatment plans, and drug discovery.

    o **Finance:** AI is enhancing financial services with algorithmic trading, fraud detection, and risk management systems.

- **Retail:** AI-driven personalized marketing, chatbots, and recommendation systems are helping businesses enhance customer experiences and streamline operations.
- **Autonomous Vehicles:** AI is the backbone of self-driving cars, using computer vision and sensor fusion to navigate roads and ensure safety.
- **Manufacturing:** AI applications in predictive maintenance, supply chain optimization, and quality control are transforming manufacturing processes.
- **Education:** AI-powered learning tools, personalized tutoring, and automated grading systems are revolutionizing the education sector.

The technical talk by Mandar Kulkarni was a valuable and informative session that not only highlighted the significance of AI but also encouraged students to think critically about its applications and implications. The session was well-received by the attendees and served as a perfect start to the activities of the Student Association "Ignite."

Mr. Mandar Kulkarni, Infinity Tech Resources.

MAHARASHTRA INSTITUTE OF TECHNOLOGY

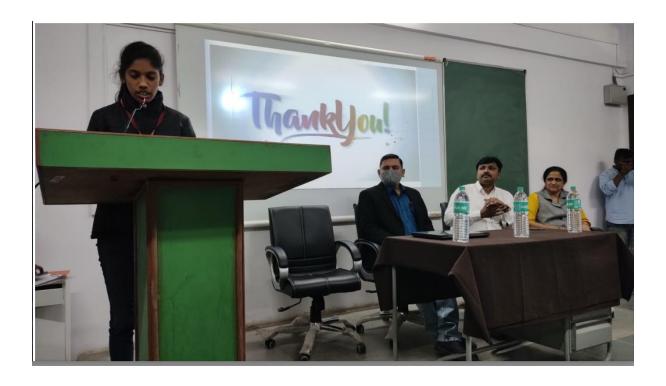ORGANIZED BY

DEPARTMENT OF EMERGING SCIENCE AND TECHNOLOGY

INVITING YOU

FOR

IGNITE STUDENT ASSOCIATION'S INAUGURATION

Welcome to the new Student Association in our college for the development and improvement in the field of Science and Technology

DATE- 12 JAN 2023

TIME - 01:30 PM

VENUE - HALL NO 211 , MARATHWADA ENGINEERING BUILDING , MIT AURANGABAD

Screenshots of the workshop on Generative AI.