

G.S. Mandal's

Maharashtra Institute of Technology Aurangabad

1. **Event Date:** 6th July 2024

2. **Event:** - Session on Demystifying AI.

3. **Speaker at the Event:** Mr. Suresh Shakkarwar, EVP Technology at Findability Sciences

Objectives: • To make the students aware about the concepts of Demystifying AI and various terms of AI

Outcome: • Awareness about Demystifying AI

Gist of the event: The workshop was attended by over 140 students and faculty members of Artificial Intelligence and Data Science and Computer Science Engineering. Mr. Suresh Shakkarwar, the Executive Vice President of Technology at Findability Sciences, conducted an insightful session titled "Demystifying AI." With over 30 years of experience in IT, Engineering, and Academics, Mr. Shakkarwar's extensive knowledge and practical insights provided a comprehensive understanding of various aspects of Artificial Intelligence (AI). Mr. Shakkarwar began the session by defining AI, explaining its core concepts, and differentiating between weak AI and strong AI. Generative AI, a subset of AI focused on generating new data based on existing data, was discussed. Mr. Shakkarwar highlighted applications such as image and video creation, music composition, and text generation. Real-world examples of generative AI, including DALL-E for image generation and GPT-3 for text generation, were presented to illustrate its practical uses.

Discriminative AI, which focuses on distinguishing between different kinds of data, was explained. Applications such as image classification, speech recognition, and fraud detection were discussed. Mr. Shakkarwar delved into the technical aspects of discriminative AI models, explaining how they are trained to differentiate between classes

The session covered the importance of transformer models in AI, which have revolutionized natural language processing (NLP) by enabling more accurate and efficient data processing.

Mr. Shakkarwar provided an in-depth explanation of ChatGPT, a state-of-the-art AI language model developed by OpenAI, discussing its architecture, capabilities, and potential applications in various industries

He provided a historical overview of AI, tracing its evolution from the early days of computing to the present era of advanced machine learning and deep learning technologies. Prompt engineering, a technique used to improve AI model responses by crafting effective prompts, was introduced, and its scope in the near future were also mentioned Mr. Shakkarwar highlighted several leading companies that are at the forefront of AI adoption and innovation such as Google, Microsoft, IBM and many more

Throughout the session, Mr. Shakkarwar cited several prominent AI professionals to underscore key points by showcasing Quotes by prominent AI Professionals.



Mr. Suresh Shakkarwar Sir, EVP Technology at Findability Sciences