



NEW HORIZON COLLEGE OF ENGINEERING

Event: Technical Talk on Ethics and Bias in AI

Date: 25-03-2025

Venue: Falconry Seminar Hall

**NEW HORIZON**
COLLEGE OF ENGINEERING


ESTD. 1965

Department of Artificial Intelligence and Machine Learning

Expert Talk

Ethics and Bias in AI

 25 March 2025

 02:00 PM to 04:00 PM

 Falconry Seminar Hall

 4th Sem Students



Mr. Kiran M
Team Leader - XFactr.AI
Client - Schneider Electric BGRT, Whitefield

Student Coordinators

Shenaaya Abraham	Thanvith Manjunath K	Tanisha Jalodia	Sagar M
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Faculty Coordinators

Dr. Sonia Maria D'Souza Associate Professor	Dr. Akshatha P S Sr. Assistant Professor	Prof. Supriya B Rao Sr. Assistant Professor	Prof. Thanu Deepu George Sr. Assistant Professor
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Convenors

Dr. N V Uma Reddy HOD - AIML	Dr. Manjunatha Principal
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Brief Description Of The Event:

The guest talk on **Ethics and Bias in AI** was successfully conducted on 25-03-2025, providing valuable insights into the evolving landscape of artificial intelligence. The session aimed to create awareness about AI's impact, ethical considerations, and the challenges posed by bias in AI systems. It began with an interactive discussion where participants reflected on how much they practically knew about AI. Many shared AI-driven tools they use daily, such as **Alexa, Siri, ChatGPT, Gemini, and Tesla's self-driving technology**. This discussion highlighted how AI is no longer confined to engineering but has become an integral part of multiple industries, influencing healthcare, finance, and entertainment.

The speaker introduced fundamental AI concepts to provide a clear understanding of the technology. Key topics included **Machine Learning (ML), Neural Networks, Generative AI, and AI agents**, which form the foundation of modern AI systems.

The discussion emphasized the **growing capabilities of AI models**, particularly the rise of **Agentic AI**, which enables systems to autonomously perform complex tasks. The speaker also introduced **Anthropic's Memory-Conditioned Processing (MCP)**, a cutting-edge advancement in AI that enhances contextual memory and understanding. These technological advancements are rapidly shaping the AI landscape, improving efficiency, accuracy, and usability across different domains.

To provide practical insights, the speaker demonstrated AI tools such as:

- **bolt.new** – An AI-powered document generation tool that simplifies content creation and collaboration.
- **lovable.dev** – A coding assistant that helps developers with automation, debugging, and software development.
- **Perplexity.ai** – An advanced AI-driven search engine that provides precise, context-aware answers.

These tools showcased how AI enhances productivity across different domains, improving efficiency in writing, coding, research, and problem-solving.

A significant portion of the session was dedicated to discussing the **ethical challenges and biases in AI**. The speaker emphasized the issue of **algorithmic bias**, explaining how biased training data can lead to unfair and discriminatory outcomes in AI decision-making. This is particularly concerning in fields such as recruitment, finance, and law enforcement, where AI-driven decisions can significantly impact people's lives. The topic, **AI explainability** was explored, addressing the challenge of understanding and interpreting AI decisions, which is essential for ensuring transparency and trust in AI systems. Furthermore, the speaker highlighted the importance of **regulation and ethical guidelines**, stressing the need for responsible AI development to prevent misuse and unintended consequences.

The session fostered engaging discussions, with students actively participating and sharing their perspectives on AI's real-world applications. One of the key challenges faced during the session was ensuring that students from diverse backgrounds could grasp **complex AI concepts** such as machine learning, neural networks, and generative AI. The speaker made efforts to simplify these topics, making them more accessible and relevant to a broader audience. Another challenge was ensuring active participation, as many students were hesitant to share their thoughts initially. However, through interactive questioning and real-world examples, the session successfully encouraged open discussions and knowledge sharing.

In conclusion, the guest talk provided **valuable insights into AI's impact, ethical concerns, and emerging technological trends**. By discussing AI tools like **bolt.new, lovable.dev, and Perplexity.ai** and exploring core concepts such as **machine learning, AI agents, and neural networks**, students gained a deeper understanding of AI beyond theoretical knowledge. The session also shed light on **AI ethics and bias**, emphasizing the need for responsible AI development. Overall, the talk was highly informative and thought-provoking, equipping students with a broader perspective on AI's role in shaping the future.

No. of Participants : 155

Guest Details :

Mr. Kiran M

Team Leader – Xfactr.AI

Client – Schneider Electric BGRT, Whitefield

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Associate Professor

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Sr. Assistant Professor

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Photographs of the Event:

