



Journal Club Presentation Report

Topic: Harnessing the Power of AI for Noncommunicable Diseases: From Prevention to Management

Presenter: Dr. Anoja Sundar

Date & Time: 19th January 2024, 2:30 to 3:30 pm, IST

Participants: 12

The Journal club held on 19th January 2024 was presented by Dr. Anoja Sundari on the topic *Harnessing the Power of AI for Noncommunicable Diseases: From Prevention to Management*. The presentation was divided into the following subtopics such as

- Introduction
- What is Artificial Intelligence
- AL, ML, and Deep Learning
- Utility of Artificial Intelligence
- Involvement in Digital health intervention so far
- Application of AI in Healthcare
- Use cases of AI in healthcare
- Emphasis on Diabetes
- AI in Type 1
- AI in Type 2
- AI in Hypertension
- AI in Obesity
- AI and Real-world data and evidence
- Ethical Principles in AI for Health
- Risk of AI in Healthcare

The goal of the presentation was to provide insights on the Application of Artificial Intelligence (AI) in the self-care management of Noncommunicable Diseases especially with a focus on Diabetes, Hypertension, Obesity, and dyslipidemia. The presentation elaborated on the concept, components, and application of AI with relevant examples to understand AI-based platforms that have been developed to date. The presentation discussed the working principles of a few AI platforms and themes of ethics in the application of AI in healthcare.

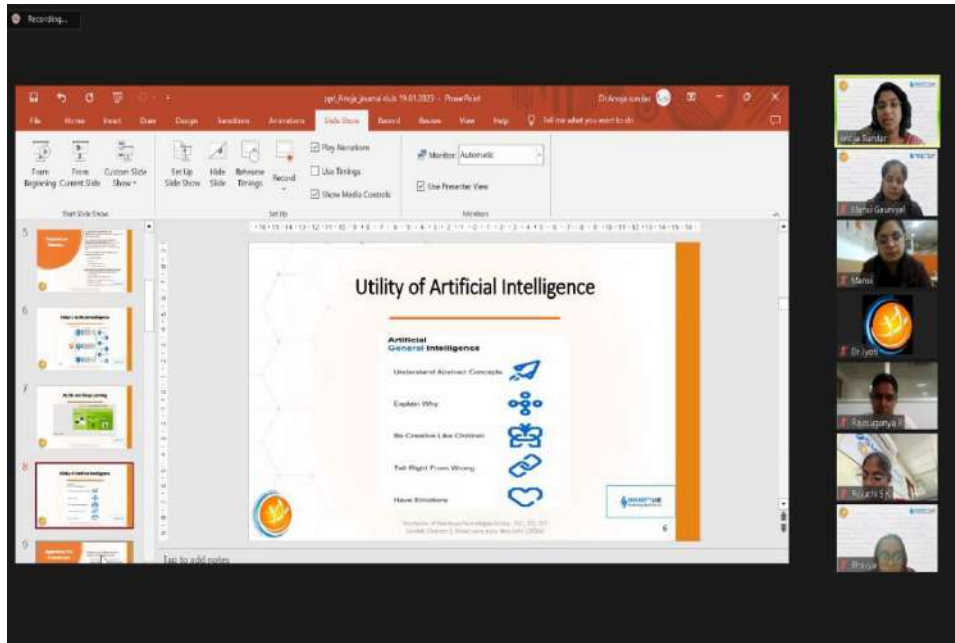
The presentation was quite engaging and interactive, extending knowledge of law and governance related to data privacy for the audience. It was followed by a question-and-answer session, in which the presenter answered questions about the affordability of AI platforms in the Indian Context and AI-related national programs currently running in India. In all, it was a profound and thought-provoking Journal Club Session.

Foundation of Healthcare Technologies Society

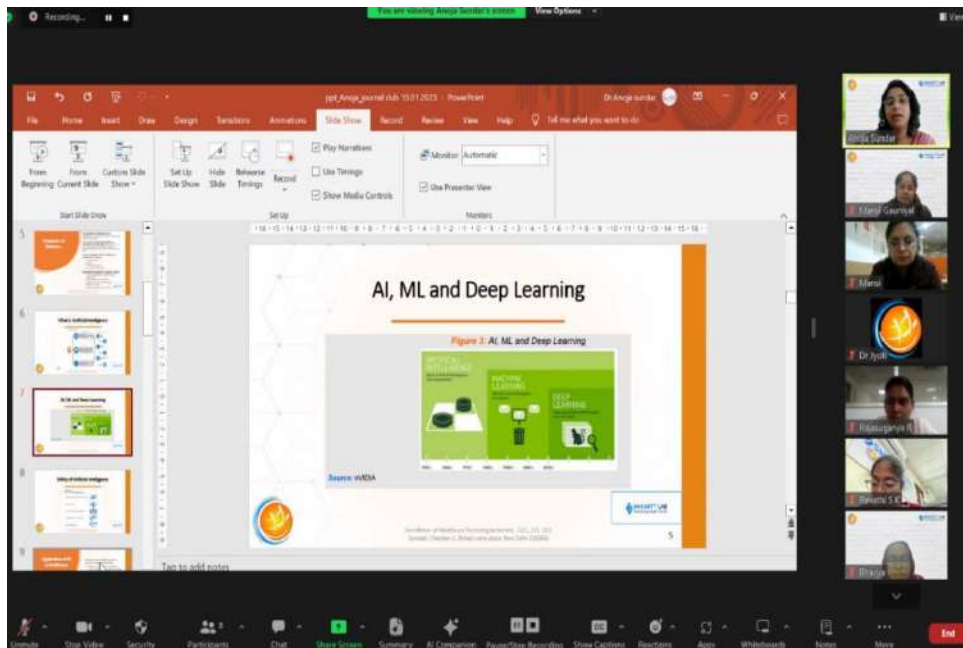
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