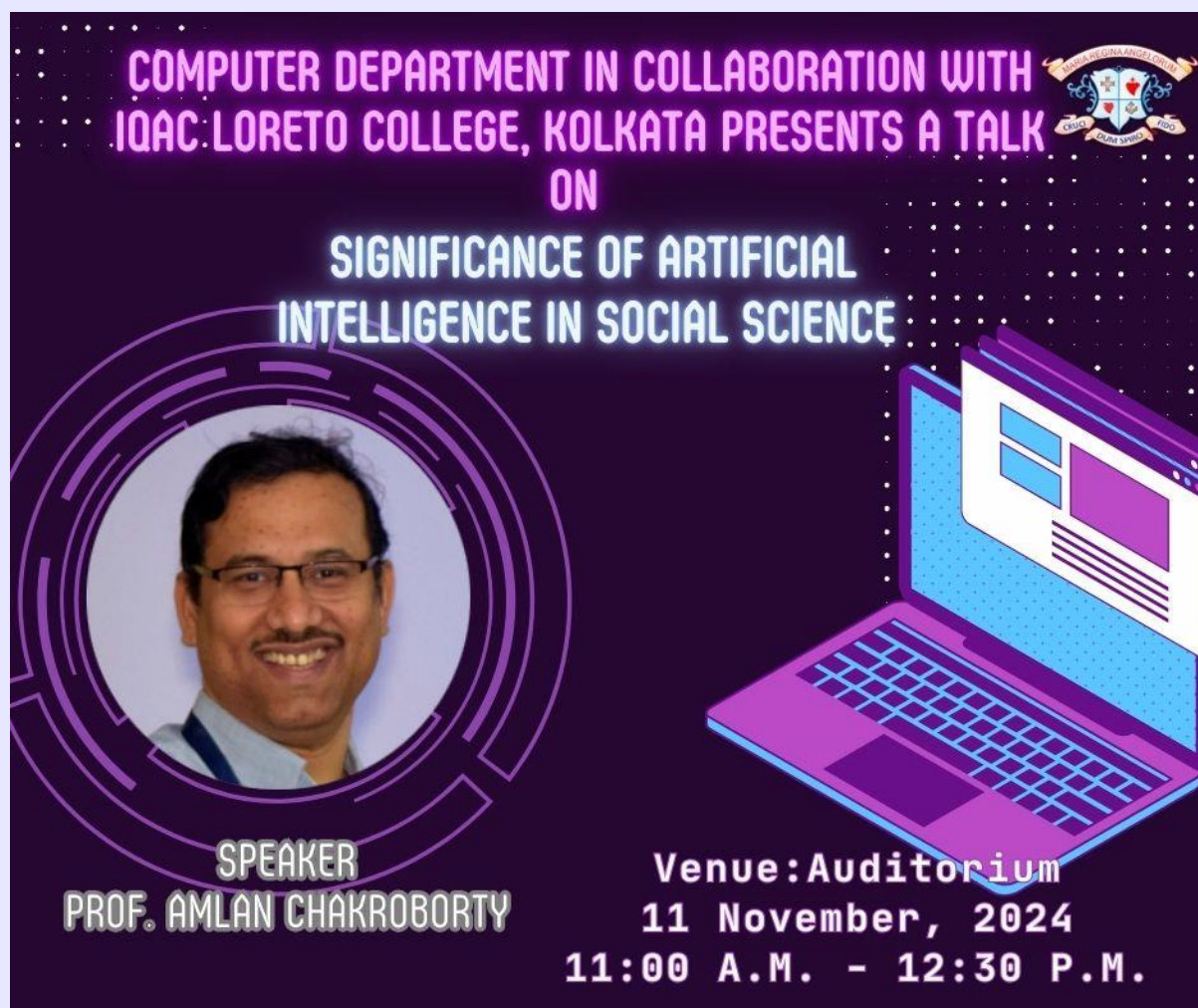


Talk on Significance of Artificial Intelligence in Social Science

November 11, 2024

11:00 A.M. – 12:30 P.M.



The Computer Department of Loreto College, Kolkata, in collaboration with the Internal Quality Assurance Cell, organised a talk on Artificial Intelligence (AI) and its Significance on Social Sciences on November 11, 2024. The session was led by Professor Amlan Chakrabarti, an esteemed AI expert known for his interactive and engaging approach, which encouraged active audience participation.

The event began with a welcome note by Ms. Chandrani Sengupta, Head of the Computer Department, followed by the formal felicitation of Professor Chakrabarti. Beginning with the basics, he introduced AI by discussing the everyday role of computers, establishing an accessible foundation for the audience. From this base, he moved into advanced AI concepts, including Deep Learning and Generative AI, illustrating AI's expansive potential. Professor Chakrabarti emphasised AI's applications across various fields, particularly in the social sciences, where it assists in analysing large datasets to uncover insights in sociology, psychology, and economics. He also highlighted AI's critical role in fields such

as biology, where it supports genetic research and precision surgeries, and agriculture, where it enhances crop management and pest control.

The talk concluded with a discussion on Generative AI, exploring its practical uses and ethical considerations. An interactive session allowed attendees to deepen their understanding, making the talk an enriching experience that underscored AI's transformative role across multiple disciplines.

Learning Objectives:

The participants will be able to learn to:

1. Understand the basics of Artificial Intelligence (AI) and how it can be a part of daily life.
2. Explore how AI helps in studying and understanding social issues using large amounts of data.
3. Discover the role of AI is making a difference in fields such as biology, agriculture, psychology, economics, geography and many more.
4. Think about the ethical questions and challenges while using Generative AI platform.
5. Participate in discussions and ask questions to deepen their understanding of AI.

Learning Outcomes:

At the end of the session, the participants were able to:

1. Examples of AI in daily life were identified, and its role in simplifying tasks and decision-making was understood.
2. Insights into how AI uncovers social patterns and trends through data analysis were gained.
3. Knowledge of AI's applications in healthcare, agriculture, and environmental science was acquired.
4. Ethical challenges of AI, particularly in Generative AI, were critically considered and understood.
5. A deeper understanding of AI's transformative role across disciplines was achieved through active participation.
6. Curiosity to explore AI further and apply its concepts in academic or real-world scenarios was sparked.

Total Number of Participants: 112

Total Number of Respondents: 74

