



Report on

Harnessing Artificial Intelligence and Machine Learning in Education: A Capacity Development Training Program

Duration:	1 Day
Venue:	A210 A Block
Event Type:	Expert Session
Mode of Activity:	Offline
Target Group:	Faculty & Student- Teachers of School of Education
Resource Person:	Dr. Shweta A. Bansal, Head, Engineering & Technology, K R Mangalam University, Gurugram
Coordinators:	Prof. (Dr.) P.C Jena & Mr. Saket Bihari, Assistant Professor, K.R .Mangalam University(KRMU), Gurugram.
Organized by:	School of Education in Collaboration with Career Development Centre (CDC), K.R .Mangalam University (KRMU), Gurugram.

Number of Participants: 32

Brief Report

School of Education in Collaboration with Career Development Centre (CDC) organized a training session Harnessing Artificial Intelligence and Machine Learning in Education: A Capacity Development Training Program on dated 9th September 2024. The session was chaired by Dr. Shweta A. Bansal, an expert in Artificial Intelligence and Natural Language Processing, and Head of the Computer Science and Engineering Department at K.R. Mangalam University. This session was enlightened to explore the integration of Artificial Intelligence (AI) and Machine Learning (ML) technologies in education, focused on empowering educators and students with cutting-edge knowledge and skills to transform educational practices.

The training session was organized with key objectives aimed at enabling student-teachers and educators to:

1. Understand the principles of AI and ML and their relevance to education.



2. Explore the various applications of AI and ML in educational settings, including personalized learning, administrative automation, and data analytics.
3. Equip participants with the skills to effectively implement and use AI and ML tools in their educational institutions.
4. Raise awareness about the ethical challenges of AI and ML in education, such as privacy, bias, and transparency.
5. Foster innovative thinking to enhance educational experiences and outcomes through AI and ML.

This initiative aligns with the UN Sustainable Development Goals (SDGs), specifically:

SDG 4: Promoting inclusive, equitable, and quality education for all through AI-driven personalized learning.

SDG 9: Supporting sustainable industrialization in education by encouraging innovation and enhancing educational infrastructure with AI technology.

SDG 16: Advocating for responsible AI practices, emphasizing diversity, equal opportunity, and ethical standards in education.

The session included presentations, interactive discussions, and hands-on workshops led by experts in AI and ML. Participants explored how AI can close learning gaps by offering personalized learning experiences and enhancing accessibility. The session also highlighted how AI technologies are revolutionizing administrative processes through automation and data-driven decision-making.

A major focus of the event was on addressing ethical considerations in AI. Experts emphasized the importance of implementing AI in an ethical and responsible manner, ensuring that the technology does not reinforce existing inequalities or biases in educational systems.

Outcomes and Impact

The event successfully met its objectives, leading to several key outcomes:

1. **Enhanced Understanding:** Participants gained a comprehensive understanding of AI and ML concepts and their relevance to education.
2. **Practical Skills:** Educators and student-teachers acquired practical skills to implement AI and ML solutions within their institutions.
3. **Data-Driven Decision Making:** Participants learned to leverage data analytics to create
4. personalized learning experiences and improve decision-making processes in education.

5. **Ethical Awareness:** The session raised awareness about the ethical challenges

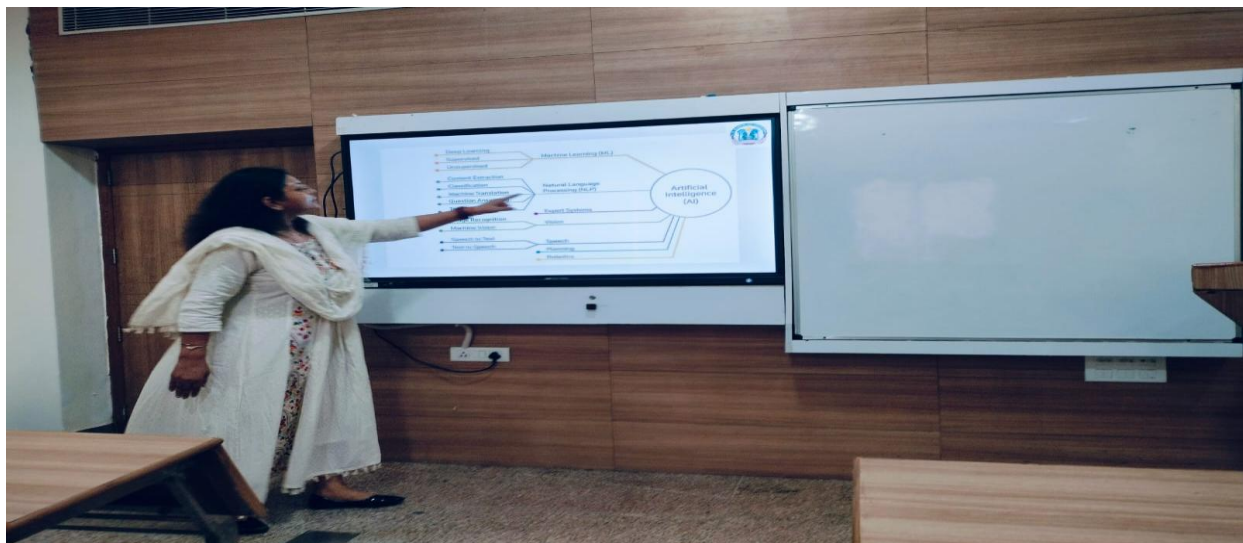
surrounding AI and ML in education and provided participants with strategies to address these challenges effectively.

Conclusion

The capacity development training program was a significant step forward in equipping educators with the knowledge and skills needed to harness AI and ML technologies effectively. By fostering innovation, raising ethical awareness, and promoting responsible AI practices, the event contributed to building a stronger, more inclusive, and adaptive educational environment.



Student coordinator elaborated about the need of the session



The Speaker explained the utility and importance of AI and ML in teaching and learning process



The expert explained the tools which may be used in the teaching and learning process



Importance of AI in our day-to-day life activities explained by the Speaker



Speaker with faculty members and students