The Chair to Chairperson Role of AI in Teaching and Learning: A Comprehensive Theoretical Framework

Dr. Rajpawan, Associate Professor, SoE, MIER College of Education, Autonomous, Jammu
rajpawanj82@gmail.com
Mr. Boby Mathew, bobymathew100@gmail.com

Abstract

Academic decision-making, curriculum development, assessment systems, pedagogical practices, and institutional leadership are all being impacted by artificial intelligence (AI), which is progressively changing educational ecosystems from a helpful technological tool to a strategic force. This theoretical paper uses the metaphor of "chair to chairperson" to conceptualize this paradigm shift, signifying AI's transformation from a passive instructional assistant to an active participant in knowledge facilitation and educational governance. The study critically investigates the multifaceted role of AI in improving individualized learning, adaptive assessment, instructional innovation, and organizational efficiency within educational institutions, drawing on theoretical perspectives such as constructivism, connectivism, activity theory, and diffusion of innovation.

The paper presents conceptual models and analytical frameworks that demonstrate how AI integration can enhance teacher agency, foster learner autonomy, and streamline institutional processes, while simultaneously redefining the conventional roles of educators and administrators. At the same time, it talks about important ethical and practical issues like algorithmic bias, data privacy, digital inequity, and professional readiness, stressing the need for responsible and human-centered AI adoption. The conversation goes deeper into the future of AI in education, looking at things like hyper-personalized learning spaces, intelligent systems that respond to emotions, and digital classrooms that are only partially autonomous. The study concludes with strategic recommendations for educators, policymakers, and researchers to ensure equitable, ethical, and pedagogically meaningful integration of AI in academic systems.

International Advance Journal of Engineering, Science and Management (IAJESM)
Multidisciplinary, Multilingual, Indexed, Double-Blind, Open Access, Peer-Reviewed, Refereed-
International Journal, Impact factor (SJIF) = 8.35

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