Mood Mentor - Smart Ai Driven Adaptive Study Platform

Sagar R. Doddi, Harshal M. More, Om D. Patil, Tejaswini S. Patil, Prof. Aishwarya S. Sanap
Department of Information Technology
Lecturer, Department of Information Technology
Matoshri Aasarabai Polytechnic, Eklahare, Nashik, Maharashtra, India

Abstract: *Artificial Intelligence (AI) is reshaping various sectors within our society, including the field of education. In this regard, emotions are crucial to the teaching-learning process as they impact academic achievement, motivation, memory retention, and the overall well-being of students. Therefore, the incorporation of AI into emotional assessment in educational settings presents numerous benefits that can change our approach to understanding and supporting the socio-emotional growth of students. Nevertheless, there is still a gap in having a thorough framework that organizes the achievements, challenges, and possibilities within this domain. The utilization of artificial intelligence (AI) in education is increasing and has garnered significant attention in recent years. The 2018 Horizon Report (Educause, 2018) highlights AI and adaptive learning technologies as key advancements in educational technology, with an expected adoption timeline of 2 to 3 years. AI algorithms and educational robots have become essential components of learning management and training systems, offering assistance for a diverse range of teaching and learning activities.*

Keywords: AI Adaptive learning systems, AI-Enabled learning systems

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