Revolutionizing Education: Embracing a New Paradigm

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Abstract*: India has witnessed a remarkable evolution in its education system, progressing from the traditional Guru-disciple model in Gurukuls to a well-structured educational framework encompassing primary, secondary, senior secondary, and university-level education. Today, the country is embracing digital and AI-based learning as it confronts numerous global challenges in our fast-paced society. These advancements have given rise to innovative solutions across various fields, with science playing a crucial role in developing technologies that can adapt to our environment. One such advancement is digitalization, which has permeated every aspect of life, particularly education, empowering it with new possibilities. The introduction of the New Education Policy in 2020 has revolutionized the educational landscape, prioritizing a departure from rote learning and emphasizing self-education to align with current market demands. This paper explores the present state of educational transformation, delving into the driving factors behind this change and how educational systems are responding to the emergence of new platforms such as MOOCs, SWAYAM, AI, and machine learning.*

Keywords: digital learning, AI-based learning, global challenges, educational transformation, MOOCs, SWAYAM.

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