CHAPTER 6

THE FUTURE OF EDUCATION AND ITS ROLE IN PROMOTING HUMAN SKILLS IN AN AI WORLD

ABSTRACT

It is imperative that the education system evolves in accordance with contemporary requirements, enabling it to address the challenges posed by artificial intelligence (AI) and harness its benefits for the prosperity of the next generations. This chapter critically analyze the required necessary revisions in curriculum and pedagogical methods to facilitate students' acquisition of necessary skills for meeting these challenges.

The chapter advocates for a reevaluation of the curriculum to address the needs of the future workplace. It proposes a shift away from rote learning and outcomes-based standardized testing, advocating instead the value of skills complementary to AI—specifically, critical thinking, problem-solving, creativity, collaboration, and communication. The proposed curriculum revisions incorporate aspects of project-based learning, computational thinking, and the development of inquisitiveness, adaptability, and lifelong learning. Essentially, this approach reaffirms the notion that educators would transition into facilitators, guiding students in the effective utilization of AI tools. This implies that the teacher's role remains indispensable. According to this chapter, AI-powered learning platforms could be integrated into personalized education; AI could be employed

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Providing Ongoing Support and Guidance: Guide students in developing self-directed learning skills and help them identify learning resources beyond the classroom.
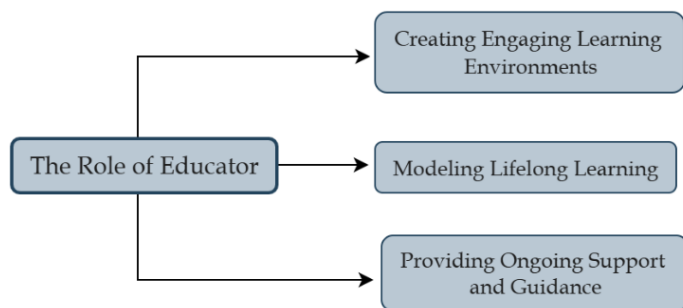

Figure 6.6: The Role of Educator

6.3.6 The Future of Learning:

Success in the artificial intelligence (AI) era is predicated upon curiosity, adaptability, and self-direction. Students can be empowered, through the development of the aforementioned characteristics and the effective utilization of AI, to become independent lifelong learners who will succeed in an increasingly technological world. These elements are crucial in positioning the next generation for success in a future significantly enhanced by AI.

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