



## **Artificial Intelligence for Skill Development and Future Job Readiness**

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### **Abstract**

Artificial Intelligence (AI) has emerged as one of the most influential technologies of the twenty-first century, significantly transforming education, employment, and workforce development. As industries increasingly adopt automation and intelligent systems, the demand for new skills and competencies continues to rise. This research paper examines the role of AI in skill development and its importance in preparing individuals for future job readiness. The study discusses how AI supports personalized learning, lifelong skill acquisition, and career adaptability while also addressing challenges such as job displacement, ethical concerns, and the digital divide. The paper emphasizes the need for balanced human–AI collaboration, inclusive education policies, and continuous up skilling to ensure sustainable employment in a rapidly changing world.

