

## **Assessing the Readiness and Acceptance of AI Implementation in Education of PUP Mulanay Students**

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### **Abstract**

Artificial intelligence (AI) is increasingly recognized as a significant asset in the field of education, offering tools such as adaptive learning systems and automated grading that aim to enhance the learning experience. However, the effective integration of AI depends significantly on students' readiness and acceptance of these technologies. This study focuses on evaluating how prepared and willing students at the Polytechnic University of the Philippines, Mulanay Campus, are to embrace AI. The primary objective of this research is to assess students' familiarity with AI tools, their preparedness to incorporate AI into their studies, and their attitudes towards AI's role in education. The research also aims to uncover potential challenges that might impede the acceptance of AI in educational contexts. A quantitative research design was utilized, with data collected through an online survey distributed via Google Forms. A total of 150 students participated, answering questions about their awareness of AI, confidence in using it, and perceptions of its advantages and drawbacks in education. Descriptive statistical methods were applied to analyze the findings. The results indicate that while many students possess a basic familiarity with AI, a notable number lack formal training, leading to varying levels of preparedness. Approximately 60% of respondents exhibited a positive attitude toward the integration of AI, acknowledging its potential to enhance learning efficiency. Nonetheless, concerns about privacy and diminished personal interaction with instructors emerged as significant barriers to acceptance. In summary, students generally show a willingness to adopt AI; however, enhancing training and addressing privacy issues are crucial for successful AI integration in education. Educational institutions should implement focused programs to bolster students' AI-related skills.

*Keywords: Education, AI Integration, Quantitative Research, PUP Mulanay*