

DIGITAL CLASSROOM REVOLUTION: A STUDY OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) IMPLEMENTATION IN INDONESIAN EDUCATION THROUGH LITERATURE STUDY

Nurjanah^{1*}, Sulmiah¹, Ida Saidah¹, Aprilliantoni¹

¹ Universitas Muhammadiyah Indonesia, Indonesia

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ABSTRACT

The development of digital technology through the use of ICT has driven educational transformation, especially in supporting the implementation of the Independent Curriculum which emphasizes flexible, innovative, and student-centered learning. This study uses a literature study method by analyzing 15 books and 25 journal articles to examine the application of digital technology, supporting and inhibiting factors, its impact on learning, and the prospects for digital education in Indonesia. The results of the study show that digital technology has transformed traditional learning into a more interactive, collaborative, and learner-oriented one. Although supported by the Independent Curriculum policy, its implementation still faces obstacles such as the digital access gap, limited infrastructure, and low digital literacy of educators. However, the use of technology has been proven to increase student motivation, participation, and learning outcomes. In addition, the development of artificial intelligence and adaptive learning is expected to further support the personalization of learning. The study concludes that the success of the digital classroom revolution requires equal access, increased digital competence, changes educational culture, and sustainable policies to realize adaptive and inclusive education in Indonesia.

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Corresponding Author:

Nurjanah | Universitas Muhammadiyah Indonesia, Indonesia

Email: noerjane884@gmail.com
