

DIGITAL SAVVY: BUILDING DIGITAL INTELLIGENCE IN 21ST CENTURY EDUCATION

Loso Judijanto *1

IPOSS Jakarta, Indonesia
losojudijantobumn@gmail.com

Farida Asy'ari

Politeknik Negeri Pontianak
faridaasyari87@gmail.com

Iwan Setiawan

Universitas Nusa Putra
iwan.setiawan@nusaputra.ac.id

Al-Amin

Universitas Airlangga, Surabaya, Indonesia
al.amin-2024@feb.unair.ac.id

Abstract

The development of digital intelligence in education is an area that continues to receive academic and practical attention amid rapid technological advances. This research aims to analyze and synthesize the results of recent studies on digital intelligence implementation strategies in the school environment and the challenges faced. By using the literature research method in accordance with the theory of the research context. The results show that unequal access to technological resources, deficiencies in educator training on educational technology, and disparities in digital skills among teachers are the main challenges in integrating digital intelligence in schools. Our findings also emphasize the need for strong technology infrastructure development, comprehensive teacher training programs, and collaborative learning initiatives among teachers to overcome these barriers.

Keywords: Digital Savvy, Digital Intelligence, 21st Century Education.

Introduction

In the era of globalization and industrial revolution 4.0, information and communication technology (ICT) is developing very rapidly. ICT has changed many aspects of human life, including the education sector. The digital era brings significant changes to the way we work, communicate and learn (Carabregu-Vokshi et al., 2023). In this context, the concept of "Digital Savvy" emerged as one of the fundamental needs