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ABSTRACT

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Topic: Digital Technologies Competencies for Future Teachers

This research examines the digital competencies of educators in Southeast Asian nations and the obstacles they encounter while incorporating technology into their teaching. A survey of over 58,389 educators was conducted to evaluate their aptitude in using digital tools and determine the necessary competencies for effective technology integration. Results indicate a widespread lack of technology proficiency among educators, with most scoring low in utilising software, online collaboration tools, search engines, digital resource creation, and communication via digital platforms. The study highlights the need to address challenges such as poor internet connectivity and technical difficulties through investment in professional development, access to resources and training, tech-enhanced learning environments, and partnerships with tech organizations. The ultimate goal is to prepare students for the digital age by boosting educators' digital literacy, which includes competencies such as proficiency in technology integration, knowledge of digital tools, online safety and cybersecurity, digital lesson creation, assessment, and evaluation, critical thinking and problem-solving through technology, accessible and inclusive technology design, ethical use of digital resources, communication and collaboration via technology, and continuous learning in technology and digital pedagogy.

Keywords: Digital competencies, Educators, Southeast Asian nations, Technology integration, Proficiency, Challenges, Professional development.