

# INNOVATION MANAGEMENT OF MATHEMATICS LEARNING BASED ON LEARNING OUTCOMES AND EDUCATIONAL PRODUCTIVITY AMONG STUDENTS OF THE FACULTY OF COMPUTER SCIENCE AT UNIVERSITAS ISLAM KEBANGSAAN INDONESIA

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## ABSTRACT

This study aims to analyze innovation management in mathematics learning based on learning outcomes and its impact on educational productivity among students of the Faculty of Computer Science at Universitas Islam Kebangsaan Indonesia. From an economic management perspective, innovation in learning is considered a strategic approach to improve efficiency, effectiveness, and productivity in higher education. Mathematics courses play a crucial role in developing analytical and problem-solving skills for computer science students; however, learning outcomes often vary due to differences in instructional strategies and innovation management. This study employed a quantitative approach using a survey method. Data were collected through questionnaires distributed to students who had completed mathematics-related courses. The variables examined included innovation management in mathematics learning, learning outcomes, and educational productivity. Data analysis was conducted using descriptive and inferential statistical techniques. The results indicate that innovation management in mathematics learning has a positive and significant effect on learning outcomes and educational productivity. Effective management of instructional innovation contributes to improved student performance and more productive use of educational resources. These findings highlight the importance of innovation-oriented learning management in enhancing educational productivity in higher education.

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