

ABSTRAK

PENGARUH PENGGUNAAN *ARTIFICIAL INTELLIGENCE* (AI) DALAM PEMBELAJARAN, MOTIVASI BELAJAR, DAN GAYA BELAJAR, TERHADAP KETERAMPILAN BERPIKIR KRITIS MAHASISWA PENDIDIKAN EKONOMI UNIVERSITAS LAMPUNG

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Penelitian ini bertujuan untuk mengkaji pengaruh penggunaan Artificial Intelligence (AI), motivasi belajar, dan gaya belajar terhadap keterampilan berpikir kritis mahasiswa Pendidikan Ekonomi Universitas Lampung. Latar belakang studi ini berfokus pada perkembangan digital di dunia pendidikan, khususnya penggunaan AI dalam kegiatan pembelajaran. Teknologi AI dianggap mampu menunjang personalisasi proses belajar, meningkatkan semangat belajar, serta mendorong penguatan kemampuan berpikir kritis yang penting di era abad ke-21. Penelitian ini memakai pendekatan kuantitatif dengan metode *ex post facto*. Respondennya adalah mahasiswa Pendidikan Ekonomi angkatan 2022 dan 2023 yang telah menggunakan AI dalam kegiatan belajar. Instrumen yang digunakan berupa kuesioner yang mengukur variabel penggunaan AI, motivasi belajar, gaya belajar (visual, auditori, kinestetik), dan keterampilan berpikir kritis. Teknik analisis data menggunakan regresi linier berganda untuk mengetahui pengaruh variabel bebas terhadap variabel terikat.

Hasil penelitian memperlihatkan adanya pengaruh signifikan antara AI, motivasi, dan gaya belajar terhadap kemampuan berpikir kritis mahasiswa, baik secara individu maupun bersama-sama. Hal ini menunjukkan bahwa integrasi AI yang sesuai, bila didukung oleh motivasi internal dan gaya belajar yang tepat, dapat meningkatkan kemampuan berpikir kritis. Namun, hasil juga menunjukkan potensi dampak negatif seperti ketergantungan pada AI dan munculnya *technostress*. Oleh karena itu, penting bagi pendidik dan institusi pendidikan tinggi untuk menyeimbangkan pemanfaatan teknologi dengan pengembangan kemandirian berpikir kritis mahasiswa.

Kata Kunci: *Artificial Intelligence* (AI), motivasi belajar, gaya belajar, keterampilan berpikir kritis, mahasiswa.

ABSTRACT

THE INFLUENCE OF THE USE OF ARTIFICIAL INTELLIGENCE (AI) IN LEARNING, LEARNING MOTIVATION, AND LEARNING STYLE, ON CRITICAL THINKING SKILLS OF LAMPUNG UNIVERSITY ECONOMIC EDUCATION STUDENTS

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This research aims to examine the influence of Artificial Intelligence (AI) usage, learning motivation, and learning styles on the critical thinking skills of Economics Education students at the University of Lampung. The background of this research centers on the digital transformation in education, particularly the integration of AI in learning activities. AI technology is considered capable of supporting personalized learning processes, enhancing motivation, and strengthening critical thinking skills, which are essential in the 21st century. This research employs a quantitative approach using the ex post facto method. The participants were Economics Education students from the 2022 and 2023 cohorts who have utilized AI in their learning. The research instrument was a questionnaire measuring variables such as AI usage, learning motivation, learning styles (visual, auditory, kinesthetic), and critical thinking skills. Data analysis was conducted using multiple linear regression to determine the effect of independent variables on the dependent variable. The findings reveal a significant influence of AI usage, learning motivation, and learning styles on students' critical thinking skills, both partially and simultaneously. These results indicate that appropriate AI integration, supported by intrinsic motivation and suitable learning approaches, can enhance critical thinking abilities. However, the study also highlights potential negative impacts, such as overreliance on AI and the emergence of technostress. Therefore, it is important for educators and higher education institutions to design balanced learning strategies that integrate technology use while fostering students' independent and reflective critical thinking.

Keywords: Artificial Intelligence, learning motivation, learning style, critical thinking skills, students.