

**PENERAPAN *TECHNOLOGY ACCEPTANCE MODEL* TERHADAP
CHAT GPT UNTUK MENGUKUR DAYA BERFIKIR KRITIS
MAHASISWA UIN SUNAN AMPEL SURABAYA**

SKRIPSI



**UIN SUNAN AMPEL
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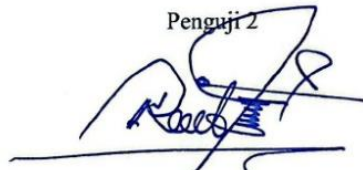
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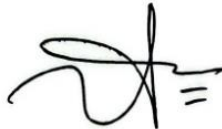
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ABSTRAK

PENERAPAN *TECHNOLOGY ACCEPTANCE MODEL* TERHADAP *CHAT GPT* UNTUK MENGUKUR DAYA BERFIKIR KRITIS MAHASISWA UIN SUNAN AMPEL SURABAYA

Oleh:

M. Annur Fuad Fadholi

Kemajuan kecerdasan buatan (AI) telah memberikan dampak besar di bidang pendidikan salah satunya melalui penggunaan *ChatGPT* dari OpenAI. Teknologi ini berpotensi meningkatkan proses pembelajaran, namun juga menimbulkan risiko seperti plagiarisme dan berkurangnya akuntabilitas mahasiswa. Penelitian ini bertujuan untuk mengetahui pengaruh *ChatGPT* terhadap kemampuan berpikir kritis dan pengambilan keputusan oleh mahasiswa dalam pembelajaran kesehariannya di kampus. Metode yang digunakan adalah metode kuantitatif dengan penyebaran kuesioner kepada mahasiswa aktif Strata 1 UIN Sunan Ampel Surabaya menggunakan teknik *purposive random sampling*. Analisis data dilakukan dengan metode SEM menggunakan alat bantu untuk mengolah data yaitu SmartPLS V4 dan teori *Technology Acceptance Model* (TAM). Hasil penelitian menunjukkan bahwa penggunaan *ChatGPT* berpengaruh positif terhadap peningkatan berpikir kritis, dengan variabel mediasi *Desicion Making* serta variabel *Actual Use*, *Behavioral Intention to Use*, *Perceived Usefulness*, dan *Perceived Ease of Use* sebagai faktor penentunya. Hasil penelitian ini diharapkan dapat memberikan kontribusi dalam memahami perilaku mahasiswa terkait penggunaan *ChatGPT* serta dampaknya terhadap penalaran ilmiah dan pengambilan keputusan.

Kata Kunci: Metode Kuantitatif, *Technology Acceptance Model*, *ChatGPT*, Critical Thinking, Decision Making

ABSTRACT

APPLICATION OF *TECHNOLOGY ACCEPTANCE MODEL* TOWARDS *CHAT GPT* TO MEASURE CRITICAL THINKING POWER OF UIN SUNAN AMPEL SURABAYA STUDENTS

By:

M. Annur Fuad Fadholi

The advancement of artificial intelligence (AI) has had a major impact on education, one of which is through the use of ChatGPT from OpenAI. This technology has the potential to improve the learning process but also poses risks such as plagiarism and reduced student accountability. This study aims to determine the effect of ChatGPT on students' critical thinking and decision-making skills in their daily learning on campus. The method used is a quantitative method by distributing questionnaires to active undergraduate students at UIN Sunan Ampel Surabaya using a purposive random sampling technique. Data analysis was carried out using the SEM method using data processing tools, namely SmartPLS 4 and the Technology Acceptance Model (TAM) approach. The results of the study showed that the use of ChatGPT had a positive effect on improving critical thinking, with the mediating variable Decision Making and the variables Actual Use, Behavioral Intention to Use, Perceived Usefulness, and Perceived Ease of Use as the determining factors. The results of this study are expected to contribute to understanding student behavior related to the use of ChatGPT and its impact on scientific reasoning and decision making.

Keywords: Quantitative Method, Technology Acceptance Model, ChatGPT, Critical Thinking, Decision Making

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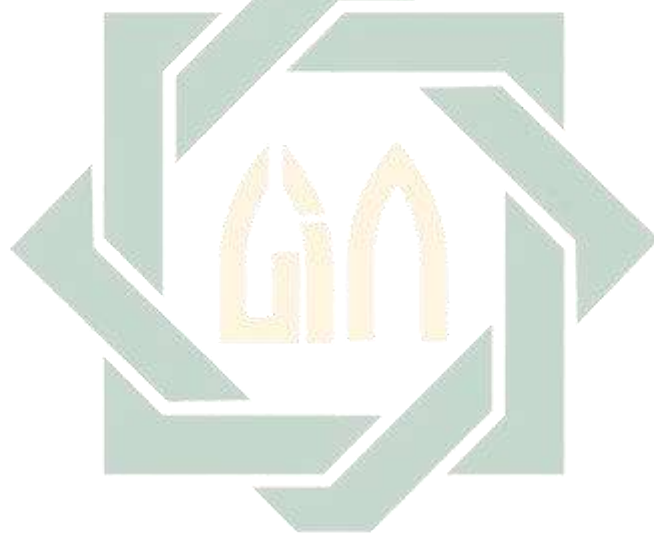
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