

**STUDENTS' ABILITY IN WRITING ARGUMENTATIVE ESSAY USING
GEMINI ARTIFICIAL INTELLIGENCE (AI)**

THESIS

*Submitted as Partial Fulfilment of the Requirements for Getting Undergraduate Degree
of English Education (S. Pd)*



by

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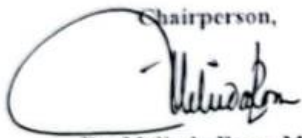
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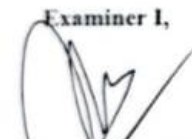
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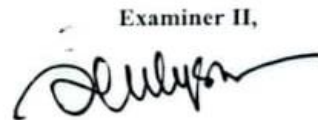
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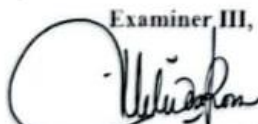
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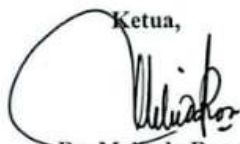
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Skripsi dengan judul "*Students' Ability in Writing Argumentative Essay Using Gemini Artificial Intelligence (AI)*", yang ditulis oleh M. Afdol NIM. 2114050017 telah diujikan dalam sidang Munaqasyah Fakultas Tarbiyah dan Keguruan Universitas Islam Negeri (UIN) Imam Bonjol Padang pada hari Rabu 20 Agustus 2025. Dengan demikian, skripsi ini telah diterima sebagai salah satu syarat untuk memperoleh gelar Sarjana Pendidikan (S.Pd) Program Strata Satu (S1) pada Program Studi Tadris Bahasa Inggris.

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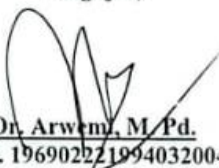
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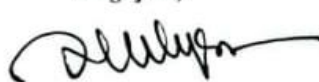
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ABSTRACT

M. Afdol, 2025, Students' Ability in Writing Argumentative Essay Using Gemini Artificial Intelligence (AI). Thesis. Faculty of Tarbiyah and Teacher Training. Imam Bonjol State Islamic University Padang. Supervisors (1) Dr. Melinda Roza, M. Pd. (2) Renggi Vrika, M. Pd.

The primary objective of this study is to describe students' ability to write argumentative essays by using Gemini Artificial Intelligence (AI) in the fourth semester of English Tadris Class A, UIN Imam Bonjol Padang. This study uses a descriptive method to gain understanding and explanation of the subject matter. This study focuses on fourth semester students of English Tadris Class A, UIN Imam Bonjol Padang. To collect data, this study uses document analysis as a research instrument. Data were collected through students' argumentative essay answer sheets written with the help of Gemini AI. The essays were assessed by two assessors using Jacobs et al.'s (1981) writing assessment rubric, which covers five aspects: developing ideas/content, organizing grammar, vocabulary, and mechanics. Inter-rater reliability was applied to ensure the validity of the assessment. The results showed that students' overall ability to write argumentative essays using Gemini AI was categorized as good to very good. The overall average score was 85.03. Most students scored above 80, with the highest score being 92 and the lowest being 68.5. The strongest aspects achieved by students were in developing ideas and organizing, while the lowest performance was found in grammar and mechanics, where some students still made errors in tense consistency, spelling, punctuation, and capitalization. In this finding, Gemini AI made a positive contribution to students' argumentative essay writing skills. Gemini AI helped them in developing ideas, structuring essays, and improving vocabulary use. However, students still need more practice and guidance to minimize grammatical and mechanical errors. This study shows that students' ability to write argumentative essays using Gemini AI in the fourth semester of English Language Education class A at UIN Imam Bonjol Padang developed very well, and students' ability to utilize this technology can be integrated as a supporting tool in teaching essay writing to improve their academic writing performance.

Keywords: *Writing Ability, Argumentative Essays, Gemini AI*

ABSTRAK

M. Afdol, 2025 Students' Ability in Writing Argumentative Essay Using Gemini Artificial Intelligence (AI). Skripsi. Fakultas Tarbiyah dan Keguruan. Universitas Islam Negeri Imam Bonjol Padang. Pembimbing (1) Dr. Melinda Roza, M. Pd. (2) Renggi Vrika, M. Pd.

Tujuan utama penelitian ini adalah untuk mendeskripsikan kemampuan mahasiswa dalam menulis esai argumentatif dengan menggunakan Kecerdasan Buatan (AI) Gemini pada semester empat kelas A Tadris Bahasa Inggris, UIN Imam Bonjol Padang. Penelitian ini menggunakan metode deskriptif untuk mendapatkan pemahaman dan penjelasan tentang pokok pembahasan. Penelitian ini berfokus pada mahasiswa semester empat kelas A Tadris Bahasa Inggris, UIN Imam Bonjol Padang. Untuk mengumpulkan data, penelitian ini menggunakan analisis dokumen sebagai instrumen penelitian. Data dikumpulkan melalui lembar jawaban esai argumentatif mahasiswa yang ditulis dengan bantuan AI Gemini. Esai-esai tersebut dinilai oleh dua penilai menggunakan rubrik penilaian menulis Jacobs dkk. (1981), yang mencakup lima aspek: pengembangan ide/isi, organisasi, tata bahasa, kosakata, dan mekanika. Reliabilitas antar penilai diterapkan untuk memastikan validitas penilaian. Hasil penelitian menunjukkan bahwa kemampuan keseluruhan mahasiswa dalam menulis esai argumentatif menggunakan AI Gemini dikategorikan baik hingga sangat baik. Skor rata-rata keseluruhan adalah 85,03. Sebagian besar mahasiswa memperoleh skor di atas 80, dengan skor tertinggi 92 dan terendah 68,5. Aspek terkuat yang dicapai mahasiswa adalah dalam pengembangan ide dan pengorganisasian, sementara kinerja terendah ditemukan dalam tata bahasa dan mekanika, di mana beberapa mahasiswa masih melakukan kesalahan dalam konsistensi tenses, ejaan, tanda baca, dan penggunaan huruf kapital. Dalam temuan ini AI Gemini memberikan kontribusi positif terhadap keterampilan menulis esai argumentatif mahasiswa. AI Gemini membantu mereka dalam mengembangkan ide, menyusun esai, dan meningkatkan penggunaan kosakata. Namun, siswa masih membutuhkan lebih banyak latihan dan bimbingan untuk meminimalkan kesalahan tata bahasa dan mekanika. Studi ini menunjukkan bahwa kemampuan mahasiswa dalam menulis esai argumentatif dengan menggunakan AI Gemini pada semester empat kelas A Tadris Bahasa Inggris di UIN Imam Bonjol Padang berkembang dengan sangat baik, dan kemampuan mahasiswa untuk memanfaatkan teknologi ini dapat diintegrasikan sebagai alat pendukung dalam pengajaran menulis esai untuk meningkatkan kinerja menulis akademik mereka.

Keywords: Writing Ability, Argumentative Essays, Gemini AI

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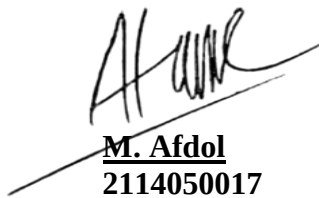
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