

ABSTRACT

A thesis entitled “*Utilizing Artificial Intelligence as a Media in Writing for Academic Publication by English Master Students at UIN Sayyid Ali Rahmatullah Tulungagung*” written by Rizka Zahrotul Istina with advisors Dr. Susanto, S.S., M.Pd. and Dr. Dwi Astuti Wahyu Nurhayati, S.S., M.Pd.

Keywords: artificial intelligence, academic publication, writing assistance, English master students

The rapid development of Artificial Intelligence (AI) technology has significantly influenced academic practices, including how students plan, compose, and refine scholarly writing. This study investigates how postgraduate students in the English Education Master's Program at UIN Sayyid Ali Rahmatullah Tulungagung utilize AI tools in the process of academic publication. The research particularly focuses on students' awareness and familiarity with AI tools, the frequency and purpose of their usage, the integration of AI in academic writing tasks, the challenges faced in the utilization process, and students' perceptions of the impact of AI on the quality and ethical standards of their academic output.

Employing a descriptive qualitative design within a phenomenological framework, the study selected three informants from an initial sample of 21 postgraduate students based on specific inclusion criteria: they had to be active students, have prior experience using AI tools in academic writing, and have published at least one article in nationally accredited journals (SINTA 4 to SINTA 2). Data were gathered through in-depth interviews, document analysis of both published and draft articles, and Turnitin similarity reports. Triangulation and Miles & Huberman's interactive model of data analysis (as cited in Sutopo, 2006) were used to ensure the validity and depth of interpretation.

The findings show that all informants demonstrate considerable familiarity with various AI applications such as ChatGPT, Grammarly, Quillbot, Perplexity, and Turnitin. Their AI use is integrated across multiple writing stages—from ideation and drafting to revising and editing—highlighting perceived usefulness and ease of use, as theorized in the Technology Acceptance Model (TAM). Challenges include technical limitations, lack of contextual accuracy in AI-generated content, and concerns over reduced critical thinking. However, students perceive that AI enhances their productivity, language quality, and overall confidence in producing academic texts. Moreover, AI is seen as a tool that assists rather than replaces human agency, provided that ethical considerations are observed.

This study contributes to the academic discourse by highlighting the evolving role of AI in higher education, particularly in writing practices. It recommends that universities develop policies and literacy programs that promote responsible and ethical AI use in academic contexts, ensuring that students become not only proficient writers but also critical users of technology.

ABSTRAK

Tesis yang berjudul *“Utilizing Artificial Intelligence as a Media in Writing for Academic Publication by English Master Students at UIN Sayyid Ali Rahmatullah Tulungagung”* ditulis oleh Rizka Zahrotul Istina dengan pembimbing Dr. Susanto, S.S., M.Pd. dan Dr. Dwi Astuti Wahyu Nurhayati, S.S., M.Pd.

Kata Kunci: kecerdasan buatan, publikasi akademik, media penulisan, mahasiswa S2
Bahasa Inggris

Perkembangan teknologi Kecerdasan Buatan (Artificial Intelligence/AI) yang pesat telah memengaruhi praktik akademik secara signifikan, termasuk cara mahasiswa merancang, menulis, dan merevisi tulisan ilmiah. Penelitian ini bertujuan untuk mengkaji bagaimana mahasiswa Magister Program Studi Tadris Bahasa Inggris di UIN Sayyid Ali Rahmatullah Tulungagung memanfaatkan alat berbasis AI dalam proses penulisan akademik untuk tujuan publikasi. Fokus utama penelitian mencakup tingkat kesadaran dan familiaritas mahasiswa terhadap alat AI, frekuensi dan tujuan penggunaannya, integrasi AI dalam berbagai tahapan penulisan, tantangan yang dihadapi dalam penggunaannya, serta persepsi mahasiswa terhadap dampak AI terhadap kualitas dan integritas tulisan ilmiah mereka.

Penelitian ini menggunakan pendekatan deskriptif kualitatif dengan kerangka fenomenologis. Tiga informan dipilih dari 21 mahasiswa yang telah mengisi kuesioner awal berdasarkan kriteria tertentu: berstatus aktif sebagai mahasiswa, memiliki pengalaman langsung menggunakan AI dalam penulisan akademik, dan telah memublikasikan minimal satu artikel pada jurnal nasional terakreditasi (SINTA 4 hingga SINTA 2). Data dikumpulkan melalui wawancara mendalam, analisis dokumen berupa artikel yang telah dipublikasikan maupun masih dalam bentuk draf, serta laporan Turnitin. Validitas data diperkuat melalui triangulasi serta analisis interaktif model Miles & Huberman (dalam Sutopo, 2006).

Hasil penelitian menunjukkan bahwa seluruh informan memiliki tingkat familiaritas yang tinggi terhadap berbagai alat AI seperti ChatGPT, Grammarly, Quillbot, Perplexity, dan Turnitin. Penggunaan AI diintegrasikan dalam berbagai tahap penulisan, mulai dari pencarian ide, penyusunan paragraf, hingga proses revisi dan editing. Hal ini mencerminkan persepsi kemanfaatan dan kemudahan penggunaan sebagaimana dikemukakan dalam model Technology Acceptance Model (TAM). Adapun tantangan yang dihadapi meliputi keterbatasan teknis, ketidakakuratan konten AI, serta kekhawatiran terhadap penurunan daya pikir kritis. Meskipun demikian, mahasiswa menilai bahwa AI memberikan kontribusi positif terhadap produktivitas, kualitas bahasa, dan kepercayaan diri mereka dalam menulis. AI dipandang sebagai alat bantu yang efektif selama digunakan secara etis dan tidak menggantikan peran intelektual penulis.

Penelitian ini memberikan kontribusi terhadap diskursus akademik terkait peran AI dalam pendidikan tinggi, khususnya dalam praktik penulisan ilmiah. Peneliti merekomendasikan agar institusi pendidikan mengembangkan kebijakan dan program literasi digital yang mendorong penggunaan AI secara etis dan bertanggung jawab, sehingga mahasiswa dapat menjadi penulis yang produktif sekaligus pengguna teknologi yang kritis.