

STATEMENT OF ORIGINALITY

Herewith I declare that the research paper I wrote, entitled “Investigating EFL Students’ Digital Literacy Level and Technology-Related Problem Faced in Writing Scientific Articles (An Explanatory Sequential Mixed-Method Research)”, as partial fulfilment of the requirements for the Master's degree (M.Pd) and submitted to Magister Tadris Bahasa Inggris, The State Islamic University Sultan Maulana Hasanuddin Banten wholly constitutes my own original scientific writing.

The other persons’ works quoted in this paper have been referred to appropriately in accordance with the prevailing legal and intellectual ethic in the world of scientific writing tradition. However, if the originality of this paper either partially or wholly is, later on, proved or it falls under convincing plagiarism, I would be prepared to receive any consequences in the form of any sanction, such as losing my related academic degree obtained from the institution as well as other rules prevailing in Indonesia.

Serang, June 1st, 2023

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Bismillahirrahmanirrahim

Assalamu'alaikum wr. wb

In the name of Allah, the Most Gracious, the Most Merciful, I begin with gratitude and praise for His presence and blessings. With His grace and guidance, I have successfully completed this thesis and extend my sincerest thanks to Him. I also send my prayers and blessings to the noble Prophet Muhammad SAW, who brought the gift of Islam and guided humanity from the era of ignorance to the present.

With the help of Allah, my unwavering intention, and relentless efforts, I present this thesis entitled “Investigating EFL Students’ Digital Literacy Level and Technology-Related Problem Faced in Writing Scientific Articles (An Explanatory Sequential Mixed-Method Research)”. This work represents my final project in fulfilling the requirements for a Master of Education (M.Pd) at Magister Tadris Bahasa Inggris, Postgraduate Program, the State Islamic University Sultan Maulana Hasanuddin Banten.

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Finally, I acknowledge that this thesis may have its imperfections regarding structure and content. Therefore, I humbly request constructive criticism and suggestions for further refinement. I hope this thesis is a source of inspiration and usefulness to those who peruse its contents.

Walaikumsalam wr. wb

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Judul : **INVESTIGATING EFL STUDENTS' DIGITAL LITERACY LEVEL AND TECHNOLOGY-RELATED PROBLEMS FACED IN WRITING SCIENTIFIC ARTICLES (AN EXPLANATORY SEQUENTIAL MIXED-METHOD RESEARCH)**

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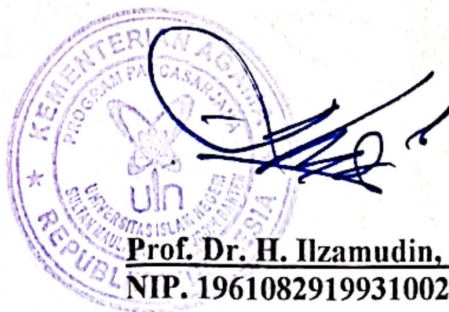
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Assalamu 'alaikum wr.wb.

Setelah melakukan bimbingan, arahan dan koreksi terhadap penulisan tesis magister yang berjudul: "INVESTIGATING EFL STUDENTS' DIGITAL LITERACY LEVEL AND TECHNOLOGY-RELATED PROBLEM FACED IN WRITING SCIENTIFIC ARTICLES (AN EXPLANATORY SEQUENTIAL MIXED-METHOD RESEARCH) yang ditulis oleh,

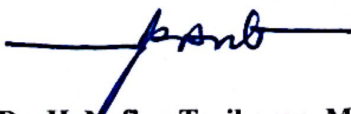
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Kami telah bersepakat bahwa tesis magister tersebut sudah dapat diajukan kepada Program Pascasarjana UIN Sultan Maulana Hasanuddin Banten untuk diajukan guna mengikuti UJIAN TESIS dalam rangka memperoleh gelar Magister Pendidikan (M. Pd).

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Investigating EFL Students' Digital Literacy Level and Technology-Related Problems Faced in Writing Scientific Articles (An Explanatory Sequential Mixed-Method Research)

ABSTRACT

The growing use of digital technologies has significantly influenced how English as Foreign Language (EFL) students perform scientific article writing. However, the use of digital media cannot be separated from the digital literacy skill. This mixed-method study aims to investigate EFL undergraduate students' digital literacy skills level and identify the technology-related problems and digital media used in writing scientific articles. This study conducted questionnaires with 60 EFL students and interviews with six students from the 8th semester at UIN Sultan Maulana Hasanuddin Banten. The results showed that most participants had a 'good' level of digital literacy, with scores ranging from 3.71 to 4.03. Regarding technology-related problems, participants faced challenges related to access, training gaps, and reliance on mobile phones, impacting their technological proficiency and confidence. However, the participants recognized the positive impact of digital platforms on their scientific writing process. They used various tools and platforms such as reference finders, reference managers, grammar checkers, and social media for communication, knowledge-seeking, and support during the writing process. Overall, the findings highlight the importance of addressing technology-related challenges and providing adequate support and resources to improve the writing process for EFL students. The use of digital platforms for convenience, efficiency, and knowledge-sharing can enhance the participants' experience in writing scientific articles.

Keywords: *digital literacy, scientific articles, technology-related problems, digital platforms.*

Menyelidiki Tingkat Literasi Digital Mahasiswa EFL dan Permasalahan Terkait Teknologi yang Dihadapi dalam Menulis Artikel Ilmiah (Penelitian Mixed-Method Explanatory Sequential)

ABSTRAK

Penggunaan teknologi digital yang semakin meningkat secara signifikan telah mempengaruhi cara mahasiswa Bahasa Inggris sebagai Bahasa Asing dalam melakukan penulisan artikel ilmiah. Namun, penggunaan media digital tidak dapat dipisahkan dari keterampilan literasi digital. Studi metode campuran ini bertujuan untuk mengidentifikasi tingkat keterampilan literasi digital mahasiswa dan masalah terkait teknologi serta media digital yang digunakan dalam menulis artikel ilmiah. Studi ini dilakukan melalui penyebaran kuesioner kepada 60 mahasiswa dan wawancara dengan 6 mahasiswa dari semester 8 di UIN Sultan Maulana Hasanuddin Banten. Hasil penelitian menunjukkan bahwa sebagian besar peserta memiliki tingkat literasi digital yang "baik", dengan skor berkisar antara 3,71 hingga 4,03. Mengenai masalah terkait teknologi, peserta menghadapi tantangan terkait akses, kesenjangan pelatihan, dan kurangnya fasilitas yang berdampak pada kemahiran teknologinya dan kepercayaan diri. Namun, peserta mengakui dampak positif dari platform digital pada proses penulisan ilmiah mereka. Mereka menggunakan berbagai alat dan platform seperti pencari referensi, pengelola referensi, pemeriksa tata bahasa, dan media sosial untuk komunikasi, pencarian pengetahuan, dan dukungan selama proses penulisan. Secara keseluruhan, temuan ini menekankan pentingnya mengatasi tantangan terkait teknologi dan menyediakan dukungan dan sumber daya yang memadai untuk meningkatkan proses penulisan bagi mahasiswa. Penggunaan platform digital untuk kenyamanan, efisiensi, dan berbagi pengetahuan dapat meningkatkan pengalaman peserta dalam menulis artikel ilmiah.

Kata kunci: literasi digital, artikel ilmiah, platform digital, masalah teknologi.

التحقيق في مستوى الأدب الرقمي لطلاب اللغة الإنجليزية كلغة أجنبية والمشكلات المتعلقة بالتكنولوجيا التي تواجهها في كتابة المقالات العلمية (بحث طريقة مختلطة تتابعي توضيحي)

ملخص

الاستخدام المتزايد للتقنيات الرقمية أثر بشكل كبير على كيفية أداء طلاب اللغة الإنجليزية كلغة أجنبية في كتابة المقالات العلمية. ومع ذلك، لا يمكن فصل استخدام وسائط الإعلام الرقمية عن مهارة القراءة الرقمية. تهدف هذه الدراسة الكمية والنوعية إلى التحقيق في مستوى مهارات القراءة الرقمية لطلاب الدراسات الجامعية في تعلم اللغة الإنجليزية كلغة أجنبية، وتحديد المشاكل المتعلقة بالتكنولوجيا ووسائط الإعلام الرقمية المستخدمة في كتابة المقالات العلمية. قامت هذه الدراسة بتوزيع استبيانات على ٦٠ طالبًا في تعلم اللغة الإنجليزية كلغة أجنبية وإجراء مقابلات مع ستة طلاب من الفصل الثامن في جامعة الأمير مولانا حسن الدين بانتن. أظهرت النتائج أن معظم المشاركين لديهم مستوى جيد من مهارات القراءة الرقمية، مع نتائج تتراوح بين ٣.٧١ و ٤.٠٣. فيما يتعلق بالمشاكل المتعلقة بالتكنولوجيا، واجه المشاركون تحديات تتعلق بالوصول إلى التكنولوجيا، والفجوات التدريبية، والاعتماد على الهواتف المحمولة، مما أثر على كفاءتهم التكنولوجية وثقتهم في استخدامها. ومع ذلك، اعترف المشاركون بالتأثير الإيجابي للمنصات الرقمية على عملية كتابة المقالات العلمية. استخدموا أدوات ومنصات مختلفة مثل محررات البحث لإيجاد المراجع، ومديري المراجع، ومدققي القواعد النحوية، ووسائل التواصل الاجتماعي للتواصل والبحث عن المعرفة والدعم خلال عملية الكتابة. بشكل عام، تسلط النتائج الضوء على أهمية التعامل مع التحديات المتعلقة بالتكنولوجيا وتوفير الدعم والموارد الكافية لتحسين عملية الكتابة لطلاب تعلم اللغة الإنجليزية كلغة أجنبية. يمكن أن يعزز استخدام المنصات الرقمية للراحة والكفاءة ومشاركة المعرفة تجربة المشاركين في كتابة المقالات العلمية.

الكلمات الرئيسية: القراءة الرقمية، المقالات العلمية، مشاكل متعلقة بالتكنولوجيا، المنصات الرقمية.

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