

REFERENCES

- Akayoğlu, S., Satar, H. M., Dikilitaş, K., Cirit, N. C., & Korkmazgil, S. (2020). Digital literacy practices of Turkish pre-service EFL teachers. *Australasian Journal of Educational Technology*, 36(1), 85–97. <https://doi.org/10.14742/ajet.4711>
- Akour, M., & Alenezi, M. (2022). Higher Education Future in the Era of Digital Transformation Mohammad Akour and Mamdouh Alenezi * Software. *Education Sciences*, 12(784), 1–13.
- Almutairi, Y. M. N. (2022). *Effects of Academic Integrity of Faculty Members on Students ' Ethical Behavior*. 2022. <https://doi.org/10.1155/2022/6806752>
- Alrishan, A. M. H. (2023). Determinants of Intention to Use ChatGPT for Professional Development among Omani EFL Pre-service Teachers. *International Journal of Learning, Teaching and Educational Research*, 22(12), 187–209. <https://doi.org/10.26803/ijlter.22.12.10>
- Baskara, F. R., & Mukarto, F. (2023). Exploring the implications of ChatGPT for language learning in higher education. *Indonesian Journal of English Language Teaching and Applied Linguistics (IJELTAL)*, 7(2), 343–358.
- Bekhet, A. K. (2012). *Methodological Triangulation: An Approach to Understanding Data* Methodological Triangulation: An Approach to Understanding Data. 20(2), 40–43.
- Bozkurt, A., Xiao, J., Lambert, S., Pazurek, A., Crompton, H., Koseoglu, S., Farrow, R., Bond, M., Nerantzi, C., Honeychurch, S., Bali, M., Dron, J., Mir, K., Stewart, B., Costello, E., Mason, J., Stracke, C. M., Romero-Hall, E.,

- Koutropoulos, A., ... Jandrić, P. (2023). Speculative Futures on ChatGPT and Generative Artificial Intelligence (AI): A Collective Reflection from the Educational Landscape Asian Journal of Distance Education Introduction: Origins. *Asian Journal of Distance Education*, 18(1), 53. <https://doi.org/10.5281/zenodo.7636568>
- Braun, V., & Clarke, V. (2012). *Thematic analysis*. 2. <https://doi.org/10.1037/13620-004>
- Celik, I. (2023). Exploring the Determinants of Artificial Intelligence (AI) Literacy: Digital Divide, Computational Thinking, Cognitive Absorption. *Telematics and Informatics*, 83(July), 102026. <https://doi.org/10.1016/j.tele.2023.102026>
- Chan, K. K.-W., & Tang, W. K.-W. (2024). Evaluating English Teachers' Artificial Intelligence Readiness and Training Needs with a TPACK-Based Model. *World Journal of English Language*, 15(1), 129. <https://doi.org/10.5430/wjel.v15n1p129>
- Chang, C. F., Annisa, N., & Chen, K. Z. (2025). Pre-service teacher professional education program (PPG) and Indonesian science teachers' TPACK development: A career-path comparative study. *Education and Information Technologies*, 30(7), 8689–8711. <https://doi.org/10.1007/s10639-024-13160-6>
- Choudhary, P., Ali, I., Rehman, K., Sharma, K., Sharma, K., Borasi, M., & Bhargava, P. (2024). *Enhancing Mentorship through Technology: A Comprehensive Review of Current Practices and Future Directions*. *Enhancing Mentorship through Technology: A Comprehensive Review of Current Practices and Future Directions* Page No : 634-645. December.

- Cotton, D. R. E., Cotton, P. A., & Shipway, J. R. (2024). Chatting and cheating: Ensuring academic integrity in the era of ChatGPT. *Innovations in Education and Teaching International*, 61(2), 228–239. <https://doi.org/10.1080/14703297.2023.2190148>
- Croasmun, J. T. (2011). *Using Likert-Type Scales in the Social Sciences*. 40(1).
- Feuerriegel, S., Hartmann, J., Janiesch, C., & Zschech, P. (2024). Generative AI. *Business and Information Systems Engineering*, 66(1), 111–126. <https://doi.org/10.1007/s12599-023-00834-7>
- Guo, Y., & Lee, D. (2023). Leveraging ChatGPT for Enhancing Critical Thinking Skills. *Journal of Chemical Education*, 100(12), 4876–4883. <https://doi.org/10.1021/acs.jchemed.3c00505>
- Hafizha, R. (2022). Pentingnya Integritas Akademik. *Journal of Education and Counseling (JECO)*, 1(2), 115–124. <https://doi.org/10.32627/jeco.v1i2.56>
- Holland, A., & Ciachir, C. (2024). A qualitative study of students' lived experience and perceptions of using ChatGPT: immediacy, equity and integrity. *Interactive Learning Environments*, 1–12. <https://doi.org/10.1080/10494820.2024.2350655>
- Hu, C. C., Yeh, H. C., & Chen, N. S. (2023). Teacher development in robot and IoT knowledge, skills, and attitudes with the use of the TPACK-based Support-Stimulate-Seek approach. *Interactive Learning Environments*, 31(9), 5811–5830. <https://doi.org/10.1080/10494820.2021.2019058>
- Information, B. (2023). *Cite as : Role of ChatGPT and similar generative Artificial Intelligence (AI) in construction industry Nitin Liladhar Rane.*
- Is, W., Pedagogical, T., & Knowledge, C. (2013). *What Is Technological*

Pedagogical Content Knowledge (TPACK)? matthew j . koehler , punya mishra , and william cain , michigan state university. 2008.

Izzati, L. (2023). *Pre-Service Teacher's Feeling On" Merdeka Belajar" Curriculum In English Teaching Practice.*

Journal, L. L. T., & Teaching, L. (2024). *LLT Journal: A Journal on Language and Language Teaching* <http://e-journal.usd.ac.id/index.php/LLT> Sanata Dharma University, Yogyakarta, Indonesia. 27(2), 878–894.

Karkoulou, S., Sayegh, N., & Sayegh, N. (2025). *ChatGPT Unveiled: Understanding Perceptions of Academic Integrity in Higher Education - A Qualitative Approach.* 1171–1188.

Khalil, M., & Er, E. (2023). Will ChatGPT Get You Caught? Rethinking of Plagiarism Detection. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 14040 LNCS, 475–487. https://doi.org/10.1007/978-3-031-34411-4_32

Khasawneh, M. A. S. (2024). Academic integrity and the use of ChatGPT by EFL pre-service teachers. *Journal of Infrastructure, Policy and Development*, 8(7), 1–15. <https://doi.org/10.24294/jipd.v8i7.4783>

Kim, J., Lee, H., & Cho, Y. H. (2022). Learning design to support student-AI collaboration: perspectives of leading teachers for AI in education. In *Education and Information Technologies* (Vol. 27, Issue 5). Springer US. <https://doi.org/10.1007/s10639-021-10831-6>

Kim, N. J., & Kim, M. K. (2022). Teacher's Perceptions of Using an Artificial Intelligence-Based Educational Tool for Scientific Writing. *Frontiers in Education*, 7(March), 1–13. <https://doi.org/10.3389/feduc.2022.755914>

- Koehler, M. J., Mishra, P., & Cain, W. (2013). What is Technological Pedagogical Content Knowledge (TPACK)? *Journal of Education*, 193(3), 13–19.
<https://doi.org/10.1177/002205741319300303>
- Kusuma, I. P. I. (2022). How Does a TPACK-related Program Support EFL Pre-service Teachers' Flipped Classrooms? *LEARN Journal: Language Education and Acquisition Research Network*, 15(2), 300–325.
- Kusuma, I. P. I., Roni, M., Dewi, K. S., & Mahendrayana, G. (2024). Revealing the Potential of ChatGPT for English Language Teaching: EFL Preservice Teachers' Teaching Practicum Experience. *Studies in English Language and Education*, 11(2), 650–670. <https://doi.org/10.24815/siele.v11i2.34748>
- Lee, G. G., & Zhai, X. (2024). Using ChatGPT for Science Learning: A Study on Pre-service Teachers' Lesson Planning. *IEEE Transactions on Learning Technologies*, 17(August), 1683–1700.
<https://doi.org/10.1109/TLT.2024.3401457>
- Liang, Y. (2023). Balancing: The Effects of AI Tools in Educational Context. *Frontiers in Humanities and Social Sciences*, 3(8), 7–10.
<https://doi.org/10.54691/fhss.v3i8.5531>
- Limna, P., Jakwatanatham, S., Siripipattanakul, S., Kaewpuang, P., & Sriboonruang, P. (2022). A Review of Artificial Intelligence (AI) in Education during the Digital Era. *Advance Knowledge for Executives*, 1(1), 1–9.
<https://ssrn.com/abstract=4160798>
- Liu, C., Hou, J., Tu, Y. F., Wang, Y., & Hwang, G. J. (2023). Incorporating a reflective thinking promoting mechanism into artificial intelligence-supported English writing environments. *Interactive Learning Environments*, 31(9),

5614–5632. <https://doi.org/10.1080/10494820.2021.2012812>

Mariette, K. S. (2022). Pre-Service English Teacher's Perception and Understanding Toward TPACK Framework During Microteaching Course. *Journal of Educational Study*, 2(2), 151–158. <https://doi.org/10.36663/joes.v2i2.272>

Memarian, B., & Doleck, T. (2023). ChatGPT in education: Methods, potentials, and limitations. *Computers in Human Behavior: Artificial Humans*, 1(2), 100022. <https://doi.org/10.1016/j.chbah.2023.100022>

Mishra, P., Warr, M., & Islam, R. (2023). TPACK in the age of ChatGPT and Generative AI. *Journal of Digital Learning in Teacher Education*, 39(4), 235–251. <https://doi.org/10.1080/21532974.2023.2247480>

Morse, J. M., Olson, K., & Spiers, J. (2002). *Verification Strategies for Establishing Reliability and Validity in Qualitative Research*. 13–22.

Mufidah, N. (2019). The Development of Pre-Service Teachers' Teaching Performance in the Teaching Practice Program at English Department of State Islamic University of Antasari Banjarmasin. *Dinamika Ilmu*, 19(1), 97–114. <https://doi.org/10.21093/di.v19i1.1469>

Ngo, K. T. (2024). The Use of ChatGPT for Vocabulary Acquisition: A Literature Review. *International Journal of AI in Language Education*, 1(2), 1–17. <https://doi.org/10.54855/ijaile.24121>

Nguyen, N. D. (2023). Exploring the role of AI in education. *London Journal of Social Sciences*, 6, 84–95. <https://doi.org/10.31039/ljss.2023.6.108>

Pagès, G. (2014). *Functional quantization-based stratified sampling methods*. 1–30.

- Pembelajaran, D., Kemahasiswaan, D. A. N., Jenderal, D., Tinggi, P., Teknologi, R. D. A. N., Pendidikan, K., & Teknologi, R. D. A. N. (2024). *PANDUAN PENGGUNAAN GENERATIVE ARTIFICIAL INTELLIGENCE (GenAI)*.
- Pesce, M. A., & Blanco, D. F. (2024). Chatgpt As Ai Assistant in the Pre-Service Teachers Training and Their Future Role in Secondary Schools: Research in Progress. *European Journal of Education Studies*, 11(12), 94–130. <https://doi.org/10.46827/ejes.v11i12.5687>
- Phieanchang, T. (2024). Using ChatGPT to Improve English Grammar Skills for EFL Learners. *Dhonburi Rajabhat University Journal*, 18(1), 18.
- Pozas, M., & Letzel, V. (2023). “ Do You Think You Have What it Takes ?” – Exploring Predictors of Pre - Service Teachers ’ Prospective ICT Use. *Technology, Knowledge and Learning*, 28(2), 823–841. <https://doi.org/10.1007/s10758-021-09551-0>
- Pyzdek, T. (2021). Descriptive Statistics. *Management for Professionals, Part F458*, 145–149. https://doi.org/10.1007/978-3-030-69901-7_12
- Rai, N., & Thapa, B. (n.d.). *A STUDY ON PURPOSIVE SAMPLING METHOD IN*. 1–12.
- Ridha, N., & Fithriani, R. (2023). Efl Pre-Service Teachers Perception of Technology Integration in English Language Instruction. *Research and Development Journal of Education*, 9(1), 431. <https://doi.org/10.30998/rdje.v9i1.16933>
- Saltan, F., & Arslan, K. (2017). A comparison of in-service and pre-service teachers’ technological pedagogical content knowledge self-confidence. *Cogent Education*, 4(1). <https://doi.org/10.1080/2331186X.2017.1311501>

- Services, H. C. (2016). *This is an Accepted Article that has been peer-reviewed and approved for publication in the*. <https://doi.org/10.1111/jan.13031>
- Setiawan, A., & Luthfiyani, U. K. (2023). Penggunaan ChatGPT Untuk Pendidikan di Era Education 4.0: Usulan Inovasi Meningkatkan Keterampilan Menulis. *JURNAL PETISI (Pendidikan Teknologi Informasi)*, 4(1), 49–58. <https://doi.org/10.36232/jurnalpetisi.v4i1.3680>
- Shah, A. (2023). How ChatGPT (AI) is likely to become a Potential Threat (or not) to Human Imagination and Creativity? *International Journal for Research in Applied Science and Engineering Technology*, 11(8), 379–383. <https://doi.org/10.22214/ijraset.2023.55070>
- Shidiq, M. (2023). The use of artificial intelligence-based Chat-GPT and its challenges for the world of education; from the viewpoint of the development of creative writing skills. *Proceeding of 1st International Conference on Education, Society and Humanity*, 01(01), 353–357.
- Shulman, L. S. (1986). Those Who: Knowledge Growth in Teaching. *Educational Researcher*, 15(2), 414.
- Siminto, Lisnawati, S. D., & Muharam, S. (2023). Teacher Professionalism Development Strategy through ChatGPT Support in the Context of Education Management. *Journal of Contemporary Administration and Management (ADMAN)*, 1(3), 150–155. <https://doi.org/10.61100/adman.v1i3.65>
- Srivastava, M. S. (2023). *The Evolution of Education : Navigating 21st- Century Challenges*. 5(5), 1–9.
- Tammets, K., & Ley, T. (2023). Integrating AI tools in teacher professional learning: a conceptual model and illustrative case. *Frontiers in Artificial*

- Intelligence*, 6(2022). <https://doi.org/10.3389/frai.2023.1255089>
- Tashakkori, A., & Creswell, J. W. (2007). *Journal of Mixed Methods Research*.
<https://doi.org/10.1177/2345678906293042>
- Thurmond, V. A. (2001). *The Point of Triangulation*. 253–258.
- Usman Hadi, M., Al Tashi, Q., Qureshi, R., Shah, A., Muneer, A., Irfan, M., Zafar, A., Bilal Shaikh, M., Akhtar, N., Zohaib Hassan, S., Shoman, M., Wu, J., Mirjalili, S., Shah, M., Al-Tashi, Q., & Ali Al-Garadi, M. (2024). Large Language Models: A Comprehensive Survey of its Applications, Challenges, Limitations, and Future Prospects. *Authorea Preprints*.
<https://www.authorea.com/users/618307/articles/682263-large-language-models-a-comprehensive-survey-of-its-applications-challenges-limitations-and-future-prospects>
- van den Berg, G., & du Plessis, E. (2023). ChatGPT and Generative AI: Possibilities for Its Contribution to Lesson Planning, Critical Thinking and Openness in Teacher Education. *Education Sciences*, 13(10).
<https://doi.org/10.3390/educsci13100998>
- Wulff, W., Wulff, D. W., Naumeca, A. A., Bjelobaba, S., Foltýnek, T., Dib, J. G., Popoola, O., Šigut, P., & Waddington, L. (2023). Testing of detection tools for AI - generated text. *International Journal for Educational Integrity*, 1–39.
<https://doi.org/10.1007/s40979-023-00146-z>
- Yaghmaie, F. (2003). Archive of SID Content validity and its estimation Archive of SID. *Journal of Medical Education*, 3(1), 25–27.
- Young, J. C., & Shishido, M. (2023). Investigating OpenAI's ChatGPT Potentials in Generating Chatbot's Dialogue for English as a Foreign Language Learning.

International Journal of Advanced Computer Science and Applications, 14(6), 65–72. <https://doi.org/10.14569/IJACSA.2023.0140607>

ZAPPELLI, P., ROSSODIVITA, A., PROSPERI, G., PAPPÀ, R., & Luciano, R. (1976). New Coenzymically-Active Soluble and Insoluble Macromolecular NAD + Derivatives. In *European Journal of Biochemistry* (Vol. 62, Issue 1). <https://doi.org/10.1111/j.1432-1033.1976.tb10115.x>

