

DAFTAR PUSTAKA

BUKU

- Abdulhak, I & Darmawan, D. 2013. *Teknologi Pendidikan*, Bandung: Remaja Rosda Karya.
- Aas Saraswati dkk, 2022, Tantangan Pendidikan di Era Digital 5.0, Yayasan Wiyata Bastari Samasta, Cirebon
- AECT, "The Field of Educational Technology: A Statement of Definition" dalam *Audiovisual Instruction*, 17 (1972).
- Ambarita, Alben. (2006). *Manajemen Pembelajaran*. Jakarta: Departemen Pendidikan Nasional.
- Association for Educational Communication and Technology (AECT), *Definisi Teknologi Pendidikan* (terj. Yusufhadi Miarso, dkk), Jakarta: CV. Rajawali, 2006
- Barbara B. Seels dan Rita C. Richey, *Instructional Technology: The Definition and Domains of the Fields*, Washington DC: Association for Educational Communications and Technology, 2004.
- Barnes, W., & Slate, J. R. (2013). College-readiness is not one-size-fits-all. *Current Issues in Education*, 16(1), 1–13.
- Creswell, John W. 2015. *Qualitative Inquiry and Research Design: Choosing Among Five Traditions*. USA: : Universitas Of Nebraska-Lincoln.
- Creswell, J.W. (2018) *Research Design: Pendekatan Kualitatif, Kuantitatif, dan Mixed*. Yogyakarta: Pustaka Pelajar.
- Deni Dharmawan dan Ishak Abdulhak, *Teknologi Pendidikan*, Bandung: Remaja Rosdakarya, 2013.
- Dimiyati dan Mudjiono. 2006. *Belajar dan Pembelajaran*. Jakarta: PT Rineke Cipta.
- Djamarah Syaiful Bahri. 2002. *Strategi Belajar Mengajar*. Jakarta : Rineka Cipta.
- Evans-greenwood, P., Williams, P., & O’Leary, K. (2015). *Redefining education: The paradigm shift*. Centre for the Edge.
- Fisk, P. (2017). *Education 4.0 ... the future of learning will be dramatically different, in school and throughout life*. The Genius Works.

- Januszewski, Alan; Molenda, M. (2008). *Educational Technology, A Definition with Commentary*. Routledge, Taylor & Francis Group.
- Komara, E., Sayodih, E. dan Andriani, R. (2022). *Metode Penelitian Kualitatif dan Kuantitatif*. Bandung : PT Refika Aditama.
- Mesiono, 2015, *Manajemen & Organisasi: Cita Media Perintah*. Bandung
- Miarso, Y, (2004) *Menyemai Benih Teknologi Pendidikan*, Jakarta: Kencana Prenadamedia Group.
- Moravec, J. W. (2013). *Knowmad Society: Education in a Post-Industrial World*. Education Futures.
- Slameto. 2003. *Belajar dan Faktor-faktor yang Mempengaruhinya*. Jakarta: Rineka Cipta.
- Smith, J.A. (2019) *Psikologi Kualitatif : Panduan Praktis Metode Riset*, Yogyakarta: Pustaka Pelajar.
- Sudarmanto E, dkk, 2021, *Model Pembelajaran Era Society 5.0*, Penerbit Insania Grup Publikasi Yayasan Insan Shodiqin Gunung Jati, Cirebon
- Sugiyono, (2018). *Metode penelitian kuantitatif, kualitatif dan R&D*. Bandung: Alfabeta.
- Schwab, K. (2016). *The Fourth Industrial Revolution*. World Economic Forum
- Terry. R. George, 1993, *Prinsip-prinsip Manajemen*, Terj. J. Smith, Bumi Aksara, Jakarta

JURNAL

- Agustya K, dkk, 2023, Pengaruh Penggunaan Kecerdasan Buatan Terhadap Sistem Informasi, Mahasiswa Perguruan Tinggi, Prosiding Seminar Nasional Teknologi dan <https://www.semanticscholar.org/author/TasyaDiva/2273754316>
- Miles, M. B., & Huberman, A. M. (1992). *Analisis data kualitatif: Buku sumber tentang metode metode baru*. Penerbit Universitas Indonesia. <https://opac.perpusnas.go.id/DetailOpac.aspx?id=298242> Openai. (2023). *Introducing ChatGPT*. <https://openai.com/blog/chatgpt>
- Winkler, R., & Soellner, M. (2018). *Unleashing the Potential of Chatbots in Education: A State-Of-The-Art Analysis*. *Academy of Management Proceedings*, 2018(1), 15903. <https://doi.org/10.5465/AMBPP.2018.15903abstract>

<https://undiknas.ac.id/2023/09/era-Society-5-0-era-kedewasaan-teknologi-dan-kemanusiaan/>

Endang Switri, *Teknologi dan Media Pendidikan Dalam Pembelajaran*, (Pasuruan: Qiara Media, 2019), hlm 1-2

Zhang, N., Qin, L., Yu, P., Gao, W., & Li, Y. (2023). Grey-Markov model of user demands prediction based on online reviews. *Journal of Engineering Design*, 34(7), 487-521.

Arifdarma. (2023). Pengaruh Teknologi Chat Gpt Terhadap Dunia Pendidikan : Potensi Dan Tantangan. *Jurnal AgriWidya*, 4(1), 56–58.

Hu K (2023). ChatGPT sets record for fastest-growing user base - analyst note. Reuters. <https://www.reuters.com/technology/chatgpt-sets-record-fastest-growing-user-base-analyst-note-2023-02-01/>

Similarweb. (2023, April). Top websites ranking, Most visited social media networks websites in indonesia. Similarweb. <https://www.similarweb.com/top-websites/indonesia/computerselectronics-and-technology/social-networks-and-online-communities/:~:text=facebook.com%20ranked%20number%201,Media%20Networks%20websites%20in%20Indonesia>.

OpenAI. (2023, Juli 20). Custom instructions for ChatGPT. <https://platform.openai.com/docs/>

Miranda, Darmansyah, dan Desyandri, (2022). Perkembangan teknologi informasi dan komunikasi dalam mendukung penggunaan media pembelajaran. *Didaktik: Jurnal Ilmiah PGSD FKIP Universitas Mandiri*. 8(2). 1574-1591

Rodríguez-Abitia, G., Martínez-Pérez, S., Ramirez-Montoya, M. S., & Lopez-Caudana, E. (2020). Digital gap in universities and challenges for quality education: A diagnostic study in Mexico and Spain. *Sustainability (Switzerland)*, 12(21), 1–14. <https://doi.org/10.3390/su12219069>

Li, C., & Xing, W. (2021). Natural Language Generation Using Deep Learning to Support MOOC Learners. *International Journal of Artificial Intelligence in Education*, 31(2), 186–214. <https://doi.org/10.1007/s40593-020-00235-x>

Lewis, A. (2022). Multimodal large language models for inclusive collaboration learning tasks. *Proceedings of the 2022 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies: Student Research Workshop*, 202–210. <https://doi.org/10.18653/v1/2022.naaclsrw.26>

Lin, M. P.-C., & Chang, D. (2020). Enhancing Post-secondary Writers' Writing Skills with a Chatbot: A MixedMethod Classroom Study. *Journal of Educational Technology & Society*, 23(1), 78–92.

- Cunningham-Nelson, S., Boles, W., Trouton, L., & Margerison, E. (2019). A review of chatbots in education: Practical steps forward. Dalam 30th Annual Conference for the Australasian Association for Engineering Education (AAEE 2019): Educators Becoming Agents of Change: Innovate, Integrate, Motivate (hlm. 299–306). Engineers Australia. <https://search.informit.com.au/documentSummary;dn=068364390172788;res=IELENG>
- Barber, S. M., Bird, L., Fleming, J., Titterington-Giles, E., Edwards, E., & Leyland, C. (2021). Gravity assist: Propelling higher education towards a brighter future—Office for Students. <https://www.officeforstudents.org.uk/publications/gravity-assist-propelling-higher-education-towards-a-brighter-future/>
- Luckin, R., & Holmes, W. (2016). Intelligence Unleashed: An argument for AI in Education. Dalam UCL Knowledge Lab: London, UK. [Report]. UCL Knowledge Lab. <https://www.pearson.com/content/dam/corporate/global/pearson-dot-com/files/innovation/IntelligenceUnleashed-Publication.pdf>
- Vázquez-Cano, E., Mengual-Andrés, S., & López-Meneses, E. (2021). Chatbot to improve learning punctuation in Spanish and to enhance open and flexible learning environments. *International Journal of Educational Technology in Higher Education*, 18(1), 33. <https://doi.org/10.1186/s41239-021-00269-8>
- Ruan, S., Willis, A., Xu, Q., Davis, G. M., Jiang, L., Brunskill, E., & Landay, J. A. (2019). BookBuddy: Turning Digital Materials Into Interactive Foreign Language Lessons Through a Voice Chatbot. *Proceedings of the Sixth (2019) ACM Conference on Learning @ Scale*, 1–4. <https://doi.org/10.1145/3330430.3333643>
- Hill, J., Randolph Ford, W., & Farreras, I. G. (2015). Real conversations with artificial intelligence: A comparison between human–human online conversations and human–chatbot conversations. *Computers in Human Behavior*, 49, 245–250. <https://doi.org/10.1016/j.chb.2015.02.026>
- Hsieh, Y.-Z., Lin, S.-S., Luo, Y.-C., Jeng, Y.-L., Tan, S.-W., Chen, C.-R., & Chiang, P.-Y. (2020). ARCS-Assisted Teaching Robots Based on Anticipatory Computing and Emotional Big Data for Improving Sustainable Learning Efficiency and Motivation. *Sustainability*, 12(14), 5605. <https://doi.org/10.3390/su12145605>
- Rooein, D. (2019). Data-Driven Edu Chatbots. *Companion Proceedings of The 2019 World Wide Web Conference*, 46–49. <https://doi.org/10.1145/3308560.3314191>
- Aldeman, N. L. S., De Sá Urtiga Aita, K. M., Machado, V. P., Da Mata Sousa, L. C. D., Coelho, A. G. B., Da Silva, A. S., Da Silva Mendes, A. P., De Oliveira Neres, F. J., & Do Monte, S. J. H. (2021). Smartpathk: A platform for

- teaching glomerulopathies using machine learning. *BMC Medical Education*, 21(1), 248. <https://doi.org/10.1186/s12909-021-02680-1>
- Westera, W., Prada, R., Mascarenhas, S., Santos, P. A., Dias, J., Guimarães, M., Georgiadis, K., Nyamsuren, E., Bahreini, K., Yumak, Z., Christyowidiasmoro, C., Dascalu, M., Gutu-Robu, G., & Ruseti, S. (2020). Artificial intelligence moving serious gaming: Presenting reusable game AI components. *Education and Information Technologies*, 25(1), 351–380. <https://doi.org/10.1007/s10639-019-09968-2>
- Giannakos, M. N., Sharma, K., Pappas, I. O., Kostakos, V., & Velloso, E. (2019). Multimodal data as a means to understand the learning experience. *International Journal of Information Management*, 48, 108–119. <https://doi.org/10.1016/j.ijinfomgt.2019.02.003>
- Koedinger K R. Alevan V, Sewall J, McLaren B M. 2006. Rapid Authoring of Intelligent Tutors for Real-World and Experimental Use. *IEEE Xplore, Proceedings of the Sixth International Conference on Advanced Learning Technologies (ICALT '06)*.
- Adiguzel, T., Kaya, M. H., & Cansu, F. K. (2023). Revolutionizing education with AI: Exploring the transformative potential of ChatGPT. *Contemporary Educational Technology*, 15(3), ep429. <https://doi.org/10.30935/cedtech/13152>
- Aldosari, S. A. M. (2020). The Future of Higher Education in the Light of Artificial Intelligence Transformations. *International Journal of Higher Education*, 9(3), 145. <https://doi.org/10.5430/ijhe.v9n3p145>
- Chiu, T. K. F., Moorhouse, B. L., Chai, C. S., & Ismailov, M. (2023). Teacher support and student motivation to learn with Artificial Intelligence (AI) based chatbot. *Interactive Learni Environments*, 1–17. <https://doi.org/10.1080/10494820.2023.2172044>
- Chiu, T. K. F., Xia, Q., Zhou, X., Chai, C. S., & Cheng, M. (2023). Systematic literature review on opportunities, challenges, and future research recommendations of artificial intelligence in education. *Computers and Education: Artificial Intelligence*, 4, 100118. <https://doi.org/10.1016/j.caeai.2022.100118>
- Clarizia, F., Colace, F., Lombardi, M., Pascale, F., & Santaniello, D. (2018). Chatbot: An Education Support System for Student. *Dalam A. Castiglione, F.*
- Pop, M. Ficco, & F. Palmieri (Ed.), *Cyberspace Safety and Security* (Vol. 11161, hlm. 291–302). Springer International Publishing. https://doi.org/10.1007/978-3-030-01689-0_23

- Cotton, D. R. E., Cotton, P. A., & Shipway, J. R. (2023). Chatting and cheating: Ensuring academic integrity in the era of ChatGPT. *Innovations in Education and Teaching International*, 1–12. <https://doi.org/10.1080/14703297.2023.2190148>
- Dehouche, N. (2021). Plagiarism in the age of massive Generative Pre-trained Transformers (GPT-3). *Ethics in Science and Environmental Politics*, 21, 17–23. <https://doi.org/10.3354/esep00195>
- Durall, E., & Kapros, E. (2020). Co-design for a Competency Self-assessment Chatbot and Survey in Science Education. Dalam P. Zaphiris & A. Ioannou (Ed.), *Learning and Collaboration Technologies. Human and Technology Ecosystems* (Vol. 12206, hlm. 13–24). Springer International Publishing. https://doi.org/10.1007/978-3-030-50506-6_2
- Graesser, A. C. (2016). Conversations with AutoTutor Help Students Learn. *International Journal of Artificial Intelligence in Education*, 26(1), 124–132. <https://doi.org/10.1007/s40593-015-0086-4>
- Gunawan, K. D. H., Liliarsari, L., Kaniawati, I., & Setiawan, W. (2021). Implementation of Competency Enhancement Program for Science Teachers Assisted by Artificial Intelligence in Designing HOTS-based Integrated Science Learning. *Jurnal Penelitian dan Pembelajaran IPA*, 7(1), 55. <https://doi.org/10.30870/jppi.v7i1.8655>
- Handjowo dkk (2023), Peran Pendidikan Indonesia di Era *Society* 5.0 ETNIK: *Jurnal Ekonomi - Teknik*, Volume 2 Issue No 5, Pages 423
- Hwang, G.-J., & Chen, N.-S. (2023). Editorial Position Paper: Exploring the Potential of Generative Artificial Intelligence in Education: Applications, Challenges, and Future Research Directions. *Educational Technology & Society*, 26(2). [https://doi.org/10.30191/ETS.202304_26\(2\).0014](https://doi.org/10.30191/ETS.202304_26(2).0014)
- Hu, J. (2021). Teaching Evaluation System by use of Machine Learning and Artificial Intelligence Methods. *International Journal of Emerging Technologies in Learning (iJET)*, 16(05), 87. <https://doi.org/10.3991/ijet.v16i05.20299>
- Jaiswal, A., & Arun, C. J. (2021). Potential of Artificial Intelligence for Transformation of the Education System in India. *International Journal of Education and Development Using Information and Communication Technology*, 17(1), 142–158.
- Karsenti, T. (2019). Artificial intelligence in education: The urgent need to prepare teachers for tomorrow's schools. *Formation et profession*, 27(1), 105. <https://doi.org/10.18162/fp.2019.a166>

- Khan, I., Ahmad, A. R., Jabeur, N., & Mahdi, M. N. (2021). An artificial intelligence approach to monitor student performance and devise preventive measures. *Smart Learning Environments*, 8(1), 17. <https://doi.org/10.1186/s40561-021-00161-y>
- Kim, H.-S., Kim, N. Y., & Cha, Y. (2021). Is It Beneficial to Use AI Chatbots to Improve Learners' Speaking Performance? *The Journal of AsiaTEFL*, 18(1), 161–178. <https://doi.org/10.18823/asiatefl.2021.18.1.10.161>
- Molenda, M., & Januszewski, A. (2008). *Educational Technology: A Definition with Commentary*. Routledge
- Natural Language Generation Using Deep Learning to Support MOOC Learners. *International Journal of Artificial Intelligence in Education*, 31(2), 186–214. <https://doi.org/10.1007/s40593-020-00235-x>
- OECD. (2019). *Trends Shaping Education 2019*. OECD Publishing.
- Roblyer, M. D., & Hughes, J. E. (2019). *Integrating Educational Technology into Teaching* (8th ed.). Pearson
- Saragih, ND, Menyiapkan Pendidikan dalam pembelajaran di Era *Society 5.0* <https://repository.uhn.ac.id/bitstream/handle/123456789/7094/menyiapkan%20pendidikan%20dalam%20pembelajaran%20di%20era.pdf?sequence=1>
- Schrum, L., & Levin, B. B. (2015). *Leading 21st Century Schools: Harnessing Technology for Engagement and Achievement*. Corwin Press.
- Selwyn, N. (2016). *Education and Technology: Key Issues and Debates*. Bloomsbury Academic
- Sofi Liza Zahara, Zahira Ula Azkia, Muhammad Minan Chusni, Implementasi Teknologi Artificial Intelligence (AI) dalam Bidang Pendidikan, JPSP Volume 3 Nomor 1 Tahun 2023 Page | 15 <https://e-journal.iainpalangkaraya.ac.id/index.php/mipa/>
- Vincent, L., & Van Der, V. (2020). Trustworthy artificial intelligence (AI) in education: Promises and challenges (OECD Education Working Papers 218; OECD Education Working Papers, Vol. 218). <https://doi.org/10.1787/a6c90fa9-en>
- Xia, Q., Chiu, T. K. F., Lee, M., Sanusi, I. T., Dai, Y., & Chai, C. S. (2022). A selfdetermination theory (SDT) design approach for inclusive and diverse artificial intelligence (AI) education. *Computers & Education*, 189, 104582. <https://doi.org/10.1016/j.compedu.2022.104582>

PERATURAN

Undang-Undang Republik Indonesia Nomor 20 Tahun 2003 Tentang Sistem Pendidikan Nasional

Undang-Undang RI No.12 tahun 2012 tentang Sistem Pendidikan Tinggi

UU RI no 36 th 2014 Tentang Tenaga Kesehatan

Permendikbudristek RI No.53 tahun 2023 tentang Penjaminan Mutu Pendidikan Tinggi

Permendikbud no 3 tahun 2020 tentang Standar Nasional Pendidikan Tinggi