

## DAFTAR PUSTAKA

- Affandi, M. R., Widyawati, M., & Bhakti, Y. B. (2020). Analisis Efektivitas Media Pembelajaran E-Learning Dalam Meningkatkan Hasil Belajar Siswa Sma Pada Pelajaran Fisika. *Jurnal Pendidikan Fisika*, 8(2), 150. <https://doi.org/10.24127/jpf.v8i2.2910>
- Agustina, A., Aini, F. N., & Ranjani, R. (2023). DAMPAK TRANSFORMASI PENDIDIKAN MELALUI “MOOCs” DI ERA REVOLUSI INDUSTRI 5.0. *Dinamika: Jurnal Ilmiah Ilmu ...*, 10, 34–43. <https://jurnal.unigal.ac.id/index.php/dinamika/article/view/9793>
- Andriyan, W., Septiawan, S. S., & Aulya, A. (2020). Perancangan Website sebagai Media Informasi dan Peningkatan Citra Pada SMK Dewi Sartika Tangerang. *Jurnal Teknologi Terpadu*, 6(2), 79–88. <https://doi.org/10.54914/jtt.v6i2.289>
- Astiti, D. T., Ibrahim, M., & Hariyono, E. (2020). Application of POE (Predict-Observe-Explain) Learning Strategies to Reduce Students’ Misconceptions in Science Subjects in Elementary School. *International Journal of Innovative Science and Research Technology*, 5(7), 437–445. <https://doi.org/10.38124/ijisrt20jul478>
- Athallah, M. A., & Kraugusteeliana, K. (2022). Analisis Kualitas Website Telkomsel Menggunakan Metode Webqual 4.0 dan Importance Performance Analysis. *CogITo Smart Journal*, 8(1), 171–182. <https://doi.org/10.31154/cogito.v8i1.374.171-182>
- Beiser, A. (1965). Concepts of Modern Physics (Clear, but error-prone). *American Journal of Physics*, 33(8), 667.
- Belawati, T. (2019). *Pembelajaran Online* (Vol. 0).
- Demina, V., Demina, S., Kozhukalova, O., & Zayakina, I. (2020). Quality of education as a requirement of modern society. *E3S Web of Conferences*, 210. <https://doi.org/10.1051/e3sconf/202021022031>
- Djamdjuri, D. S., & Kholisah, F. (2022). Pendampingan optimalisasi penggunaan google form untuk pembelajaran daring di masa pandemi. *Penamas: Journal of Community Service*, 2(1), 57–66. <https://doi.org/10.53088/penamas.v2i1.350>
- Dwi Susanti, W. (2021). Efektivitas Website sebagai Media Pembelajaran Matematika Selama Masa Pembelajaran Daring The Effectiveness of Website as a Mathematics Learning Media During the Online Learning Period. *Edumatica | Jurnal Pendidikan Matematika*, 11(1), 74–83.
- Fatimah, F. N. U., Siswanto, J., Nuroso, H., & Hayat, M. S. (2023). Implementation of the education for sustainable *development* (ESD) based predict, observe, and explain (POE) learning module to improve critical thinking skills. *Practice of The Science of Teaching Journal: Jurnal Praktisi*

- Pendidikan*, 2(2), 52–63. <https://doi.org/10.58362/hafecspost.v2i2.32>
- Fayrus, & Slamet, A. (2022). *Model Penelitian Pengembangan (R n D)*.
- Hapsari, S. A., Pratiwi, M. R., & Rosalia, N. (2021). Peran Forum Diskusi Sebagai Media Interaktivitas Mahasiswa Dalam Pembelajaran Online Kulino Berbasis Moodle. *Dynamic Media, Communications, and Culture* 2021, 1–13.
- Izzah, N. (2020). Pelatihan Membuat Dan Mengelola Website Sekolah. *Jurnal Abdimas Bina Bangsa*, 1(2), 247–256. <https://doi.org/10.46306/jabb.v1i2.40>
- Jenita, Harefa, A. H., Hanafiah, H., Rukiyanto, B. A., Pebriani, E., & Sabur, F. (2023). Pemanfaatan Teknologi Dalam Menunjang Pembelajaran: Pelatihan Interaktif Dalam Meningkatkan Kualitas Pendidikan. *Community ...*, 4(6), 13121–13129.  
<http://journal.universitaspahlawan.ac.id/index.php/cdj/article/view/23614%0Ahttp://journal.universitaspahlawan.ac.id/index.php/cdj/article/download/23614/16628>
- Jung, H., Kim, Y. R., Lee, H., & Shin, Y. (2019). Advanced instructional design for successive E-learning: Based on the successive approximation model (SAM). *International Journal on E-Learning: Corporate, Government, Healthcare, and Higher Education*, 18(2), 191–204.
- Khalid, B., Lis, M., Chaiyasoonthorn, W., & Chaveesuk, S. (2021). Factors influencing behavioural intention to use MOOCs. *Engineering Management in Production and Services*, 13(2), 83–95. <https://doi.org/10.2478/emj-2021-0014>
- Khariki, K. E., Berrada, K., & Burgos, D. (2021). Design and Implementation of a Virtual Laboratory for Electromagnetics Teaching in Engineering. *CEUR Workshop Proceedings*, 3037, 105–113.
- Lubis, H. (2020). Peranan Teknologi Pendidikan Terhadap Guru Di Masa Depan. *Jurnal Sintaksis*, 3(04), 57–64.  
<http://jurnal.stkipalmaksum.ac.id/index.php/Sintaksis/article/view/101>
- Maisyarah Ammy, P., & Wahyuni, S. (2020). Analisis Motivasi Belajar Mahasiswa Menggunakan Video Pembelajaran Sebagai Alternatif Pembelajaran Jarak Jauh (Pjj). *Jurnal Matematics Pedagogic*, 5(1), 27–35.
- Marcinauskas, L., Iljinas, A., Čyvienė, J., & Stankus, V. (2024). Problem-Based Learning versus Traditional Learning in Physics Education for Engineering Program Students. *Education Sciences*, 14(2).  
<https://doi.org/10.3390/educsci14020154>
- Mesra, R. (2023). Research & Development Dalam Pendidikan. In <https://doi.org/10.31219/Osf.Io/D6Wck>.
- Mukti, W. M., Puspita, Y. B., & Anggraeni, Z. D. (2020). Media Pembelajaran Fisika Berbasis Web Menggunakan Google Sites pada Materi Listrik Statis. *Webinar Pendidikan Fisika 2020*, 5(1), 51–59.

<https://jurnal.unej.ac.id/index.php/fkip-epro/article/view/21703/9143%0Ahttps://sites.google.com/view/fisikakuyess>

- Nila Kusuma Windrati, Isma Dwi Fiani, Arifah Bintarti, & Asih, I. W. (2023). Pengembangan Rancangan Pembelajaran Massive Open and Online Courses (MOOCs) Public Speaking. *Jurnal Pendidikan Terbuka Dan Jarak Jauh*, 24(1), 9–18. <https://doi.org/10.33830/ptjj.v24i1.3987.2023>
- Nurhayati, N., Arafat, Y., & Fitriani, Y. (2020). Penggunaan Media Power Point Dalam Pembelajaran Matematika Dan Pengaruhnya Terhadap Prestasi Belajar Siswa. *Jurnal Ilmiah Bina Edukasi*, 13(1), 75–87. <https://doi.org/10.33557/jedukasi.v13i1.1036>
- Nurwahidah, C. D., Zaharah, Z., & Sina, I. (2021). Nurwahidah, C. D., Zaharah, Z., & Sina, I. (2021). Media Video Pembelajaran Dalam Meningkatkan Motivasi Dan Prestasi Mahasiswa. *Rausyan Fikr : Jurnal Pemikiran Dan Pencerahan*, 17(1). <https://doi.org/10.31000/rf.v17i1.4168> Media Video Pembelajaran Dalam Men. *Rausyan Fikr : Jurnal Pemikiran Dan Pencerahan*, 17(1).
- Poce, A. (2020). A massive open online course designed to support the development of virtual mobility transversal skills: Preliminary evaluation results from European participants. *Journal of Educational, Cultural and Psychological Studies*, 2020(21), 255–273. <https://doi.org/10.7358/ecps-2020-021-poce>
- Prabawati, R., WH, N., & Alimah, S. (2023). The Influence Of The Inquiry Learning Model On Student Learning Outcomes. *Mahir : Jurnal Ilmu Pendidikan Dan Pembelajaran*, 2(3), 207–212. <https://doi.org/10.58432/mahir.v2i3.1028>
- Pradana, R. A., Supianto, A. A., & Herlambang, A. D. (2021). Pengembangan Platform Pelatihan Programming DB2 berbasis Moodle menggunakan Successive Approximation Model (SAM). *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 5(5), 1721–1728.
- Praktikum, T. I. M., Modern, F., & Fmipa, J. F. (2021). *Modul Praktikum Fisika Modern*. 1–50.
- Pratama, F. S. (2021). Pengembangan Media Pembelajaran Bahasa Indonesia Berbasis Website. *Diskursus: Jurnal Pendidikan Bahasa Indonesia*, 4(2), 182. <https://doi.org/10.30998/diskursus.v4i2.9723>
- Putri, L. F. D., Mustaji, M., & Sumarno, A. (2024). How Developing and Implementation Microlearning in Educational Setting?: A Literature Review. *Jurnal Teknologi Pendidikan : Jurnal Penelitian Dan Pengembangan Pembelajaran*, 9(3), 432. <https://doi.org/10.33394/jtp.v9i3.11698>
- Sa, H., Alfiyah, H. Y., & Ar, Z. T. (2020). 3136-Article Text-8395-1-10-20200915 (1). 10.
- Samsiadi, S., & Humaidi, M. N. (2022). Efektivitas Google Form Sebagai Media Penilaian Dan Evaluasi Organisasi. *Research and Development Journal of*

*Education*, 8(2), 666.

- Saputra, A. (2020). Pendidikan Dan Teknologi: Tantangan Dan Kesempatan. *Indonesian Journal of Islamic Educational Management*, 3(1), 21–33.
- Sitinjak, E. K. (2023). Fisika Modern. *Syria Studies*, 7(1), 1–15.  
[https://www.researchgate.net/publication/269107473\\_What\\_is\\_governance/link/548173090cf22525dcb61443/download%0Ahttp://www.econ.upf.edu/~reynal/Civil\\_wars\\_12December2010.pdf%0Ahttps://think-asia.org/handle/11540/8282%0Ahttps://www.jstor.org/stable/41857625](https://www.researchgate.net/publication/269107473_What_is_governance/link/548173090cf22525dcb61443/download%0Ahttp://www.econ.upf.edu/~reynal/Civil_wars_12December2010.pdf%0Ahttps://think-asia.org/handle/11540/8282%0Ahttps://www.jstor.org/stable/41857625)
- Stracke, C. M., & Trisolini, G. (2021). A systematic literature review on the quality of moocs. *Sustainability (Switzerland)*, 13(11), 1–26.  
<https://doi.org/10.3390/su13115817>
- Sulyanah, S., Hasanah, F. N., & Untari, R. S. (2021). Application of Web Based Learning to Measure Students Learning Interest. *Journal of Physics: Conference Series*, 1764(1). <https://doi.org/10.1088/1742-6596/1764/1/012099>
- Sumarsono, S. (2021). Peran Massive Open Online Courses dalam Pendidikan Agama Islam di era digital. *Ta'dibuna: Jurnal Pendidikan Islam*, 10(1), 28.  
<https://doi.org/10.32832/tadibuna.v10i1.3451>
- Tao, D., Fu, P., Wang, Y., Zhang, T., & Qu, X. (2019). Key characteristics in designing massive open online courses (MOOCs) for user acceptance: an application of the extended technology acceptance model. *Interactive Learning Environments*, 30(5), 882–895.  
<https://doi.org/10.1080/10494820.2019.1695214>
- Wahyudin, Y., & Rahayu, D. N. (2020). Analisis Metode Pengembangan Sistem Informasi Berbasis Website: A Literatur Review. *Jurnal Interkom: Jurnal Publikasi Ilmiah Bidang Teknologi Informasi Dan Komunikasi*, 15(3), 26–40. <https://doi.org/10.35969/interkom.v15i3.74>
- Wahyuni, S. S., & Tambunan, E. P. S. (2022). Efektivitas Pemberian Kuis Menggunakan Aplikasi Google Form pada Pembelajaran Biologi terhadap Hasil Belajar Siswa. *Jurnal Basicedu*, 6(5), 8033–8039.  
<https://doi.org/10.31004/basicedu.v6i5.3599>
- Waruwu, M. (2024). Metode Penelitian dan Pengembangan (R&D): Konsep, Jenis, Tahapan dan Kelebihan. *Jurnal Ilmiah Profesi Pendidikan*, 9(2), 1220–1230. <https://doi.org/10.29303/jipp.v9i2.2141>
- Widodo, A., Nursaptini, N., Novitasari, S., Sutisna, D., & Umar, U. (2020). From face-to-face learning to web base learning: How are student readiness? *Premiere Educandum : Jurnal Pendidikan Dasar Dan Pembelajaran*, 10(2), 149. <https://doi.org/10.25273/pe.v10i2.6801>
- Wolverton, C., & Guidry Hollier, B. (2022). Guidelines for Incorporating Active Learning Into the Design of Online Management Courses Utilizing the Successive Approximation Model (SAM). *International Journal of Education and Development Using Information and Communication*

*Technology (IJEDICT), 18(1), 264–274.*

