

## DAFTAR PUSTAKA

- Akpan, Kufre, P. & Abe, E. (2017). Effectiveness of Whatsapp as a collaborative tool for learning among undergraduate students in university of Uyo, Akwa Ibom state. *International Journal of Advanced Education and Research*, 2(5), 43-46.
- Akmal, H., & Susanto, H. (2018). Efektivitas Penggunaan Aplikasi Pembelajaran Berbasis Mobile Smartphone Sebagai Media Pengenalan Sejarah Lokal Masa Revolusi Fisik di kalimanta Selatan pada Sekolah Menengah Atas. *Jurnal HISTORIA*, 6(2).
- Al-Khanjari, Z., Al-Kindi, K., & Al-Zidi et all. (2014). M-Learning : The New Horizon of Learning at SQU. *The Journal of Engineering Reseach*, 11(2)
- Alhassan, R. (2016). Mobile Learning as a Method of Ubiquitous Learning : Students ' Attitudes , Readiness , and Possible Barriers to Implementation in Higher Education. *Journal Of Education and Learning*, 5(1), 176–189. <https://doi.org/10.5539/jel.v5n1p176>
- Allesi, S. M., & TRollip, S. R. (2001). *Multimedia For Learning: Methods and Development (Massachusetts*. Massachusetts: Allyn and Bacon a Pearson Education Company.
- Alrasheedi, M., & Capretz, L. F. (2015). An empirical study of critical success factors of mobile learning platform from the perspective of instructors. *Procedia - Social and Behavioral Sciences*, 176, 211–219. <https://doi.org/10.1016/j.sbspro.2015.01.463>
- Anggitasari, B. Y., & Hartono, M. (2017). Journal of Physical Education , Sport , Health and Receptions. *Journal of Physical Education, Sport, Health and Recreation*, 6(14).
- Balakrishnan, V. (2014) Using social networks to enhance teaching and learning experiences in higher learning institutions. *Innovations in Education and Teaching International*, 51(6), 595 - 606
- Benson, V., & Kolsaker, A. (2015). Instructor Approaches to Blended Learning: A Tale of Two Business Schools. *The International Journal of Management Education*, 13(3). <https://doi.org/https://doi.org/10.1016/j.ijme.2015.10.001>
- Bingham, T., Conner, M., & Pink, D. H. (2010). *The new social learning: A guide to transforming organizations through social media*. Alexandria: ASTD Press.
- Borg, W. R., & Gall, M. D. (2007). *Educational Research An Introduction*. USA: Pearson Education.

- Boubouka, M., Kanidis, E., & Grigoriadou, M. (2008). Redesigning a Role Playing activity for the instruction of the bubblesort algorithm in the secondary education. *Proceedings of the 4th Panhellenic conference "Didactics of Informatics", Patras 28–30 March 2008 (in Greek)*
- Branch, R. M. (2009). *Instructional Design: ADDIE Approach*. New York: Springer US.
- Briz-Ponce, L., Pereira, A., Carvalho, L., Juanes-Méndez, J. A., & García-Peñalvo, F. J. (2017). Learning with mobile technologies – Students' behavior. *Computers in Human Behavior, 72*.
- Chee, K. N., yahya, N., Ibrahim, N. H., & Hasan, M. N. (2017). Review of {Mobile} {Learning} {Trends} 2010-2015: *Journal of Educational Technology & Society, 20(2)*, 113–126.
- Crompton, H. (2017). Interactive Technology and Smart Education Moving toward a mobile learning landscape : presenting a mlearning integration framework. *Interactive Technology and Smart Education, 14(2)*.
- Dahar, R. W. (1988). *Teori-Teori Belajar*. Jakarta: Departemen Pendidikan dan Kebudayaan.
- Darmawan, D. (2012). *Teknologi Pembelajaran*. Bandung: Remaja Rosda Karya.
- Dasmo, Astuti, I. A. D., & Nurullaeli. (2017). Pengembangan Pocket Mobile Learning Berbasis Android. *JRKPF UAD, 4(80)*, 71–77.
- Demir, K., & Akpinar, E. (2018). The effect of mobile learning applications on students ' academic achievement and attitudes toward mobile learning. *Malaysia Online Journal f Educational Technology, 6(2)*, 48–59.
- Dick, W., & Carey, L. (2015). *The Systematic Design of Instruction*. New York: Pearson.
- Domingo, M. G., & B.G, A. (2016). Exploring the use of educational technology in primary education: Teacher's perception of mobile technology learning impacts and application's use in the classroom. *Computer in Human Behavior, 1(1)*, 27.
- Dumford, A. D., & Miller, A. L. (2018). Online learning in higher education: exploring advantages and disadvantages for engagement. *Journal of Computing in Higher Education, 30*, 452–465.
- Fakomogbon, M. A., & Bolaji, H. O. (2017). Effects of Collaborative Learning Styles on Performance of Students in a Ubiquitous Collaborative Mobile Learning Environment. *COntemporary Educational Technology, 8(3)*

- Göksu, İ., & Atici, B. (2013). Need for Mobile Learning: Technologies and Opportunities. *Procedia - Social and Behavioral Sciences*, 103, 685–694.
- Hamdani, D. S. Al. (2013). Mobile Learning: A Good Practice. *Procedia - Social and Behavioral Sciences*, 103, 665–674.
- Hamidi, H., & Chavoshi, A. (2018). Analysis of the essential factors for the adoption of mobile learning in higher education: A case study of students of the University of Technology. *Telematics and Informatics*, 35(4), 1053–1070. <https://doi.org/10.1016/j.tele.2017.09.016>
- Han, I., & Shin, W. S. (2016). The Use of mobile learning management system and the academic achievement of online student. *Computers & Education*, 1(2).
- Hannafin, J. M., & Kyle, P. L. (1998). *The Design, Development, and Evaluation of Instructional Software*. New York: Macmillan.
- Huang, Y. M., Liao, Y. W., Huang, S. H., & Chen, H. C. (2014). A Jigsaw-based cooperative learning approach to improve learning outcomes for mobile situated learning. *Educational Technology & Society*, 17(1), 128-140.
- Ibrahim, N., & Isharwati. (2017). Pengembangan Media Pembelajaran Mobile Learning Berbasis Android Mata Pelajaran IPA untuk Siswa SMP. *Jurnal Refleksi Edukatika*, 8(1).
- Idris, A., & Rajuddin, M. (2012). The Trend of Engineering Education in Nigerian Tertiary Institutions of Learning towards Achieving Technological Development. *Procedia - Social and Behavioral Sciences*, 56.
- Indrianto, D., Setyawati, H., & Kusuma, D. W. Y. (2017). App Inventor2 Learning Basketball at Grade X Senior High School. *Journal of Physical Education, Health and Sport*, 4(1).
- Kaliisa, R., and Picard, M. (2017). A systematic review on mobile learning in higher education: the African perspective. *Turk. Online J. Educ. Technol.* 16, 1–18.
- Kim, H. J., Lee, J. M., & Rha, J. Y. (2017). Understanding the role of user resistance on mobile learning usage among university students. *Computers and Education*, 113, 108–118. <https://doi.org/10.1016/j.compedu.2017.05.015>
- Kurniawati, M. W., Anitah, S., & Suharno. (2017). Developing learning Science Teaching Materials Based on Scientific To Improve Students Learning Outcomes in Elementary School. *European Journal of Education Students*, 34.
- Lee, W. W. L., & Owns, D. L. (2004). *Multimedia-Based Instructional Design*. San Francisco: Pfeiffer.

- Lile, R., & Bran, C. (2014). The Assessment of Learning Outcomes. *Procedia - Social and Behavioral Sciences*, 163, 125–131.
- Lu'mu. (2017). Learning Media Of Applications Design Based Android Mobile Smartphone. *International Journal of Applied Engineering Research*, 12(17).
- Makarchuk, T. (2017). Mobile Learning on The basis of the Cloud. *International Conference E-Learnng*, 175–178.
- Mayer, R.E.(2009). Multi-media Learning. *In Psychology of Learning and motivation (Vol.1)*.
- Mistar, I., & Embi, M. A. (2016). Students' Perception on the use of WhatsApp as a Learning Tool in ESL Classroom. *Journal of Education and Social Sciences*, 4, 96-104.
- Mohammadyari, S., & Singh, H. (2015). Understanding the effect of e-learning on individual performance: The role of digital literacy. *Computers & Education*, 82. <https://doi.org/https://doi.org/10.1016/j.compedu.2014.10.025>
- Moonga, A., & Changala, M. (2018). Usage of Whatsapp Messenger Among Final Year Undergraduate Adult Education Students at the University Of Zambia *Journal of African Interdisciplinary Studies* Vol.2(8).
- Nasrallah, R. (2014). Learning Outcoms' role in Higher Education Teaching, Education, Business ans Society. *Emerald Group Published Limited*, 7(4)
- Ngurahrai, A. H., & Farmaryanti, S. D. (2019). *Media Pembelajaran Materi Momentum dan Impuls Berbasis Mobile learning untuk Meningkatkan Kemampuan Berpikir Kritis Siswa*. 7(1), 62–70.
- Oberer, B., & Erkollar, A. (2013). Mobile learning in higher education: A marketing course design project in Austria. *Procedia-Social and Behavioral Sciences*, 93, 2125-2129.
- Oktariyana, Asmawi, M., & Sulaiman, I. (2020). *Model Mobile Learning pada Mata Pelajaran Senam Ritmik Tingkat SMA/SMK*. Universitas Negeri Jakarta.
- O'Bannon, B. W., & Puckett, K. (2006). *Preparing to use technology: A practical guide to curriculum integratio*. Allyn & Bacon, Inc.
- Pagesti, R., & Sudarsini. (2015). The Development of Rhythmic Exercise Video Media in Adaptive Physical Education Learning For Students Wiht Intellectual Disability ( Pengembangan Media Video Senam Irama dalam Pembelajaran Pendidikan Jasmani Adaptif Pada Siswa Tunagrahita ). *Jurnal P3LB*, 2(1), 5

- Pakistyaningsih, A. (2016). The Systematic Design Of Instruction (Desain Sistematis Instruksi). *Proceedings of International Research Clinic & Scientific Publications of Educational Technology*, 71.
- Passey, D., & Zozimo, J. (2016). Developing mobile learning practices through teacher education Outcomes of the MLEARN pilot. *Emerald Insight*, 13(1).
- Peters, K. (2007). M-Learning : Positioning educators for a mobile connected future. *International Review of Research in Open and Distance Learning*, 8(2).
- Pratama, R. A., Ulfa, S., & Kuswandi, D. (2018). *Mobile Learning Berbasis Game Based Learning Pelajaran Matematika Pokok Bahasan Bangun Ruang Sisi Datar*. 771–777.
- Prawiradillaga, D. salma. (2012). *Wawasan Teknologi Pendidikan*. Jakarta: Kencana Prenada Media Group.
- Pribadi, B. A. (2010). *Model Desain Sistem Pembelajaran*. Jakarta: Dian Rakyat.
- Putera, A. P., Sasmita, G. M. A., & W, A. A. K. A. C. (2015). Aplikasi M-Learning berbasis Windows Phone untuk Jurusan Teknologi Infomasi. *Merpati*, 3(2).
- Putra, N. (2011). *Reseach & Development Penelitian dan Pengembang : Suatu Pengantar*. Jakarta: PT. Raja Grafindo Persada.
- Rahmelia, L. (2017). Perancangan mobile learning berbasis android pada mata kuliah sistem operasi di STIMIK Indonesia Padang. *Jurnal Informatika*, 11(2).
- Reigeluth, C. M. (1999). *Instructional Design: What is it and Why is it*. New Jersey: Lawrence Erlbaum Association.
- Richey, R. C., & Klein, J. D. (2007). *Design and Development Research: Methods, Strategies, and Issues*. New Jersey: Lawrence Erlbaum Associates.
- Rohinah. (2015). Pengembangan Aplikasi Bahan Ajar Pendidikan Agama Islam Berbasis Android di Sekolah Menengah Atas. *Al-Alhfal Urnal Pendidikan ANak*, 1(2), 79–94.
- Sauri, N., Nur, S., & Salam, A. (2014). Mobile Learning Application for Children : Belajar Bersama Dino. *Procedia - Social and Behavioral Sciences*, 155(October), 398–404. <https://doi.org/10.1016/j.sbspro.2014.10.312>.
- Schneider, S., Nebel, S., Beege, M., Rey, G., D., 2018. The autonomy-enhancing effects of choice on cognitive load, motivation and learning with digital media. *Learning and Instruction*, Vol 58, 161–172.
- Siahaan, S. (2003). E-Learning (Elektronik Learning) Sebagai salah satu alternatif kegiatan pembelajaran. *Jurnal Pendidikan Dan Kebudayaan*, 42(9), 5.

- Simarmata, J., Limbong, T., Napitupulu, E., & Sriadhi. (2018). Learning Application of Multimedia-Based-Computer Network Using Learning Application of Multimedia-Based-Computer Network Using Computer Assisted Instruction Method. *Nternational Journal of Engineering & Technology*, 7(2.13).
- Skuballa, Irene T., Anke Dammert, and Alexander Renkl. 2018. "Two Kinds of Meaningful Multimedia Learning: Is Cognitive Activity Alone as Good as Combined Behavioral and Cognitive Activity?". *Learning and Instruction* 54(January):35–46.
- Smaldino, S. ., Russel, J. D., Heinich, R., & Molenda, M. (2008). *Instructional Tegnology and Media For Learning , Ninth Edition*. New York: Pearson Education.
- Sudjana, N. (2016). *Penilaian Hasil Proses Belajar Mengajar*. Bandung: PT. Remaja Rosdakarya.
- Sukardi. (2011). *Metodologi Penelitian Pendidikan*. Jakarta: Buki Aksara.
- Surahman, E. (2019). Integrated Mobile Learning System (Imoles) Sebagai Upaya Mewujudkan Masyarakat Pebelajar Unggul Era Digital. *Jurnal Inovasi Dan Teknologi Pembelajaran*, 5(2).
- Thomas, K. M., O'Bannon, B. W., and Britt, V. G. (2014). Standing in the schoolhouse door: teacher perceptions of mobile phones in the classroom. *J. Res. Technol. Educ.* 46, 373–395.
- Toperesu, B.-A., & Belle, J.-P. Van. (2018). Higer, Mobile Learning Considerations in and, Education: Potential Benefits. *14th International Conference Mobile Learning 2018*, 31–38. LISBON, PORTUGAL.
- Trianto. (2009). *Mendesain Model Pembelajaran Inovatif Progresif*. Jakarta: Kencana Pranada Media Group.
- Twyman, J. S. ., & Heward, W. L. (2018). How to Improve Student Learning in Every Classroom Now. *International Journal of Education Research IJER*, 1149(13), 11.
- Wibawa, B., Mahdiyah, & Afgani, J. (2014). *Metode Penelitian Pendidikan*. Jakarta: Universitas Terbuka.
- Wijaya, A. A., Ulfa, S., & Praherdiono, H. (2018). Jepang melalui Mobile Learning Berbasis Game Based Learning. *Jurnal Pendidikan: Teori, Penelitian, Dan Pengembangan*, 3(9), 1178–1183.
- Wirawan, P. W. (2012). Pengembangan Kemampuan E-Learning berbasis web ke dalam M-Learning. *Jurnal Masyarakat Informatika*, 2(4), 3.

Wishart, J. (2015). Assimilate or Accommodate? The Need to Rethink Current Use of the Term ‘Mobile Learning’. In *The Mobile Learning Voyage-From Small Ripples to Massive Open Waters* (pp. 229-238). Springer International Publishing.

Yilmaz, O. (2015). The effects of “live virtual classroom” on students’ achievement and students’ opinions about “live virtual classroom” at distance education. *Turkish Online Journal of Educational Technology*, 14(1).

Yuan, Y., Tan, G. W., Ooi, K., & Lim, W. (2021). Can COVID-19 pandemic influence experience response in mobile learning?. *Telematics and Informatics*.

