

REFERENCES

- Agustina, R., Santosa, P. I., & Ferdiana, R. (2016). Sejarah, tantangan, dan faktor keberhasilan dalam pengembangan e-learning. *Seminar Nasional Sistem Informasi Indonesia, November*.
- Alan S. & Gary J. (2011). Perception, Attribution, and Judgment of Others. *Organizational Behaviour: Understanding and Managing Life at Work* Vol. 7
- Al-Azawei, A., Parslow, P., & Lundqvist, K. (2016). Barriers and opportunities of e-learning implementation in Iraq: A case of public universities. *International Review of Research in Open and Distance Learning*, 17(5), 126–146. <https://doi.org/10.19173/irrodl.v17i5.2501>
- Ali, S., Uppal, M. A., & Gulliver, S. R. (2018). A conceptual framework highlighting e-learning implementation barriers. *Information Technology and People*, 31(1), 156–180. <https://doi.org/10.1108/ITP-10-2016-0246>
- Alqurashi, E. (2016). Self-Efficacy In Online Learning Environments: A Literature Review. *Contemporary Issues in Education Research (CIER)*, 9(1), 45–52. <https://doi.org/10.19030/cier.v9i1.9549>
- Alqurashi, E. (2019). Predicting student satisfaction and perceived learning within online learning environments. *Distance Education*, 40(1), 133–148. <https://doi.org/10.1080/01587919.2018.1553562>
- Al-rahmi, W. M., Othman, M. S., & Mi Yusuf, L. (2015). Exploring the Factors that Affect Student Satisfaction through Using E-Learning in Malaysian Higher Education Institutions. *Mediterranean Journal of Social Sciences*. <https://doi.org/10.5901/mjss.2015.v6n4s1p299>
- Anderson, L. W., & Sosniak, L. A. (1994). *Bloom's Taxonomy*. Univ. Chicago Press.
- Aparicio, M., Bacao, F., & Oliveira, T. (2016). *An e-Learning Theoretical Framework An e-Learning Theoretical Framework*. January.
- APEC. (2019). Quality Assurance on Online Learning Toolkit.
- Aqzayunarsih. (2019). Pengaruh Efikasi Diri dan Regulasi Diri terhadap Motivasi Belajar dan Hasil Belajar Biologi Siswa XI MIA SMAN di Kota Palopo. *Jurnal Pendidikan Biologi*, 9(1), 9.
- Baber, H. (2020). Determinants of Students' Perceived Learning Outcome and Satisfaction in Online Learning during the Pandemic of COVID19. *Journal of Education and E-Learning Research*, 7(3), 285–292. <https://doi.org/10.20448/journal.509.2020.73.285.292>
- Bandura, A. (1977). *Self-efficacy: Toward a Unifying Theory of Behavioral Change*. 84(2), 191–215.
- Bandura, A. (1997). *Self-efficacy: The exercise of control*. (pp. ix, 604). W H Freeman/Times Books/ Henry Holt & Co.

- Berge, Z. L. (2002). Active, interactive, and reflective elearning. *Quarterly Review of Distance Education*, 3, 281–190.
- Bogoch, I. I., Watts, A., Thomas-Bachli, A., Huber, C., Kraemer, M. U. G., & Khan, K. (2020). Pneumonia of unknown aetiology in Wuhan, China: Potential for international spread via commercial air travel. *Journal of Travel Medicine*, 27(2). <https://doi.org/10.1093/jtm/taaa008>
- Brown, G. T. L., Peterson, E. R., & Yao, E. S. (2016). Student conceptions of feedback: Impact on self-regulation, self-efficacy, and academic achievement. *British Journal of Educational Psychology*, 86(4), 606–629. <https://doi.org/10.1111/bjep.12126>
- Bunting, S. M. (1988). The Concept of Perception in Selected Nursing Theories. *Nursing Science Quarterly*, 1(4), 168–174. <https://doi.org/10.1177/089431848800100410>
- Chaplin, J. P. (2008). Kamus Lengkap Psikologi. Jakarta: Rajagrafindo Persada.
- Cidral, W. A., Oliveira, T., Di Felice, M., & Aparicio, M. (2018). E-learning success determinants: Brazilian empirical study. *Computers & Education*, 122, 273–290. <https://doi.org/10.1016/j.compedu.2017.12.001>
- Clark, R. C., & Mayer, R. E. (2008). *E-learning and the science of instruction: Proven guidelines for consumers and designers of multimedia learning*. 2(2), 500.
- De Houwer, J., Barnes-Holmes, D., & Moors, A. (2013). What is learning? On the nature, implications, and possible limitations of a functional definition of learning. *Psychonomic Bulletin & Review*, 20(4), 631–642.
- Diep, A.-N., Zhu, C., Struyven, K., & Blieck, Y. (2017). Who or what contributes to student satisfaction in different blended learning modalities?: Effect of various factors on learning satisfaction. *British Journal of Educational Technology*, 48(2), 473–489. <https://doi.org/10.1111/bjet.12431>
- Elliott, K. M., & Shin, D. (2002). Student Satisfaction: An alternative approach to assessing this important concept. *Journal of Higher Education Policy and Management*, 24(2), 197–209. <https://doi.org/10.1080/1360080022000013518>
- Fathurrohman, M. (2017). *Belajar dan Pembelajaran Modern: Konsep Dasar, Inovasi dan Teori Pembelajaran*. Garudhawaca.
- Gavrilisir, V., Mavroidis, I., & Giossos, Y. (2020). TRANSACTIONAL DISTANCE AND STUDENT SATISFACTION IN A POSTGRADUATE DISTANCE LEARNING PROGRAM. *Turkish Online Journal of Distance Education*, 48–62. <https://doi.org/10.17718/tojde.762023>
- Geçer, A. (2013). *Lecturer-Student Communication in Blended Learning Environments*. 6.
- Ghozali, I. (2013). *Aplikasi Analisis Multivariate dengan Program IBM SPSS 21 Update PLS Regresi*. Badan Penerbit Universitas Diponegoro.

- Gilbert, B. (2015). Online Learning Revealing the Benefits and Challenges. *Fisher Digital Publications Education*, 1–32.
- Gross, R. (2012). *Psychology: The Science of Mind and Behaviour 6th Edition* (6th ed.). Hachette UK.
- Gürkut, C., & Nat, M. (2017). Important Factors Affecting Student Information System Qualityand Satisfaction. *EURASIA Journal of Mathematics, Science and Technology Education*, 14(3). <https://doi.org/10.12973/ejmste/81147>
- Han, Y., & Yang, H. (2020). The transmission and diagnosis of 2019 novel coronavirus infection disease (COVID-19): A Chinese perspective. *Journal of Medical Virology*, 92(6), 639–644. <https://doi.org/10.1002/jmv.25749>
- Hawkins, A., Graham, C., Sudweeks, R., & Barbour, M. (2013). Academic performance, course completion rates, and student perception of the quality and frequency of interaction in a virtual high school. *Distance Education*, 34, 64–83. <https://doi.org/10.1080/01587919.2013.770430>
- Ismail, M., Celebi, E., & Nadiri, H. (2019). How Student Information System Influence Students' Trust and Satisfaction Towards the University?: An Empirical Study in a Multicultural Environment. *IEEE Access*, 7, 111778–111789. <https://doi.org/10.1109/ACCESS.2019.2934782>
- Jagad, H. K. M., & Khoirunnisa, R. N. (2018). Hubungan Antara Efikasi Diri dengan Self Regulated Learning Pada Siswa SMPN X. *Jurnal Penelitian Psikologi*, 5(3), 65–73.
- Jallaludin Rahmat. 1990. *Psikologi Komunikasi*. Bandung: Remaja Karya
- Jan, S. K. (2015). The Relationships Between Academic Self-Efficacy, Computer Self-Efficacy, Prior Experience, and Satisfaction With Online Learning. *American Journal of Distance Education*, 29(1), 30–40. <https://doi.org/10.1080/08923647.2015.994366>
- Kemendikbud. (2020). *Surat Edaran Nomor 3 Tahun 2020 tentang Pencegahan Corona Virus Disease (COVID-19) pada Satuan Pendidikan*. 5.
- Kemendikbud. (2020). *Surat Edaran Nomor 4 Tahun 2020 tentang Pelaksanaan Kebijakan Pendidikan dalam Masa Darurat Penyebaran Coronaviru Disease 19 (COVID-19)*.
- Kimiloglu, H., Ozturan, M., & Kutlu, B. (2017). Perceptions about and attitude toward the usage of e-learning in corporate training. *Computers in Human Behavior*, 72, 339–349. <https://doi.org/10.1016/j.chb.2017.02.062>
- Kotler, P., & Keller, K. (2012). *Marketing Management*. NJ: Prentice Hall.
- Kothari, C.R. (2004) Research Methodology: Methods and Techniques. 2nd Edition, New Age International Publishers, New Delhi.
- Kuo, Y.-C., Walker, A. E., Schroder, K. E. E., & Belland, B. R. (2014). Interaction, Internet self-efficacy, and self-regulated learning as predictors of student satisfaction in online education courses. *The Internet and*

- Higher Education*, 20, 35–50.
<https://doi.org/10.1016/j.iheduc.2013.10.001>
- Kurucay, M., & Inan, F. A. (2017). Examining the effects of learner-learner interactions on satisfaction and learning in an online undergraduate course. *Computers & Education*, 115, 20–37.
<https://doi.org/10.1016/j.compedu.2017.06.010>
- Milman, N. B. (2015). Distance Education. In *International Encyclopedia of the Social & Behavioral Sciences* (pp. 567–570). Elsevier.
<https://doi.org/10.1016/B978-0-08-097086-8.92001-4>
- Mohammad Asrori. 2009. *Psikologi Pembelajaran*. Bandung: CV Wacana Prima
- Moore, J. C. (2005). *The Sloan Consortium Quality Framework And The Five Pillars*. 10.
- Moore, J. L., Dickson-Deane, C., & Galyen, K. (2011). e-Learning, online learning, and distance learning environments: Are they the same? *The Internet and Higher Education*, 14(2), 129–135.
<https://doi.org/10.1016/j.iheduc.2010.10.001>
- Moore, M. G. (1989). Editorial: Three types of interaction. *American Journal of Distance Education*, 3(2), 1–7.
<https://doi.org/10.1080/08923648909526659>
- Moore, M. G. (1991). Editorial: Distance education theory. *American Journal of Distance Education*, 5(3), 1–6.
<https://doi.org/10.1080/08923649109526758>
- Moore, M. G. (1993). *Theory of transactional distance*. 10.
- Muzammil, Moh., Sutawijaya, A., & Harsasi, M. (2020). INVESTIGATING STUDENT SATISFACTION IN ONLINE LEARNING: THE ROLE OF STUDENT INTERACTION AND ENGAGEMENT IN DISTANCE LEARNING UNIVERSITY. *Turkish Online Journal of Distance Education*, 88–96. <https://doi.org/10.17718/tojde.770928>
- Ncube, L. S. (2015). *Students' Perceptions of E-Learning in The Department of Information Science At The University of South Africa*. June.
- Nicholson, P. (2007). A history of E-learning: Echoes of the pioneers. *Computers and Education: E-Learning, from Theory to Practice*, 1–11.
- Olofintuyi, I. (2014). *E-learning and ICT: Advantages and challenges in a developing educational system*.
- O'Neill, K., Singh, G., & O'donoghue, J. (2004). Implementing eLearning Programmes for Higher Education: A Review of the Literature. *Journal of Information Technology Education: Research*, 3, 313–323.
<https://doi.org/10.28945/304>
- Oyarzun, B., Stefaniak, J., Bol, L., & Morrison, G. R. (2018). Effects of learner-to-learner interactions on social presence, achievement and satisfaction.

- Journal of Computing in Higher Education*, 30(1), 154–175.
<https://doi.org/10.1007/s12528-017-9157-x>
- Pintrich, P. R. (2000). The role of goal orientation in self-regulated learning. *The Handbook of Self-Regulation: Theory, Research, and Applications*, 451–502.
- Pratama, A. M. (2020). "Hasil Survei Penetrasi dan Perilaku Pengguna Internet Indonesia 2019–2020" (in Indonesian). Kompas. Archived from the original on 4 February 2021. Retrieved 08 December 2021.
- Prifti, R. (2020). Self-efficacy and student satisfaction in the context of blended learning courses. *Open Learning: The Journal of Open, Distance and e-Learning*, 1–15. <https://doi.org/10.1080/02680513.2020.1755642>
- Puriwat, W., & Tripopsakul, S. (2021). The Impact of e-Learning Quality on Student Satisfaction and Continuance Usage Intentions during COVID-19. *International Journal of Information and Education Technology*, 11, 368–374. <https://doi.org/10.18178/ijiet.2021.11.8.1536>
- Rahardjo, D., Suharmini, S., & Majidah, M. (2018). KAJIAN KEPUASAN MAHASISWA TERHADAP LAYANAN PROSES PEMBELAJARAN JARAK JAUH PADA PROGRAM STUDI D2 PERPUSTAKAAN. *Jurnal Pendidikan Terbuka Dan Jarak Jauh*, 19(2), 99–118. <https://doi.org/10.33830/ptjj.v19i2.329.2018>
- Robbins, S. P., & Judge, T. (2013). *Organizational behavior* (15th ed). Pearson.
- Rodrigues, H., Almeida, F., Figueiredo, V., & Lopes, S. L. (2019). Tracking e-learning through published papers: A systematic review. *Computers and Education*, 136(December 2018), 87–98. <https://doi.org/10.1016/j.comedu.2019.03.007>
- Rothon, H. A., & Byrareddy, S. N. (2020). The epidemiology and pathogenesis of coronavirus disease (COVID-19) outbreak. *Journal of Autoimmunity*, 109, 102433. <https://doi.org/10.1016/j.jaut.2020.102433>
- Rusman, dkk (2011) Pembelajaran Berbasis Teknologi Informasi dan Komunikasi : Mengembangkan Profesionalisme Guru. Jakarta:Rajawali Pers. PT. Raja Grafindo Persada
- Saif, N. I. (2014). The Effect of Service Quality on Student Satisfaction: A Field Study for Health Services Administration Students. *International Journal of Humanities and Social Science*, 4(8), 10.
- Sanchez-Franco, M. J. (2009). The moderating effects of involvement on the relationships between satisfaction, trust and commitment in e-banking. *Journal of Interactive Marketing*, 23(3), 247–258.
- Sari, P. (2015). Memotivasi Belajar Dengan Menggunakan E-Learning. *Ummul Quro*, 6(Jurnal Ummul Qura Vol VI, No 2, September 2015), 20–35.

- Sebastianelli, R., Swift, C., & Tamimi, N. (2015). Factors Affecting Perceived Learning, Satisfaction, and Quality in the Online MBA: A Structural Equation Modeling Approach. *Journal of Education for Business*, 90(6), 296–305. <https://doi.org/10.1080/08832323.2015.1038979>
- Sekaran, U. (2003). *Research methods for business: A skill-building approach* (4th ed). John Wiley & Sons.
- Seto, S. B., Suryani, L., & Bantas, M. G. D. (2020). ANALISIS EFKASI DIRI DAN HASIL BELAJAR BERBASIS E-LEARNING PADA MAHASISWA PROGRAM STUDI PENDIDIKAN MATEMATIKA. *Prima Magistra: Jurnal Ilmiah Kependidikan*, 1(2), 147–152. <https://doi.org/10.37478/jpm.v1i2.472>
- She, L., Ma, L., Jan, A., Sharif Nia, H., & Rahmatpour, P. (2021). Online Learning Satisfaction During COVID-19 Pandemic Among Chinese University Students: The Serial Mediations Model. *Frontiers in Psychology*, 12, 743936. <https://doi.org/10.3389/fpsyg.2021.743936>
- Shen, D., Cho, M.-H., Tsai, C.-L., & Marra, R. (2013). Unpacking online learning experiences: Online learning self-efficacy and learning satisfaction. *The Internet and Higher Education*, 19, 10–17. <https://doi.org/10.1016/j.iheduc.2013.04.001>
- Shi, J., Chen, Z., & Tian, M. (2011). Internet Self-Efficacy, the Need for Cognition, and Sensation Seeking as Predictors of Problematic Use of the Internet. *Cyberpsychology, Behavior, and Social Networking*, 14(4), 231–234. <https://doi.org/10.1089/cyber.2009.0462>
- Simanhuruk, L., Simarmata, J., Sudirman, A., Hasibuan, M. S., Safitri, M., Sulaiman, O. K., Ramadhani, R., & Sahir, S. H. (2019). *E-Learning: Implementasi, Strategi dan Inovasinya*. 1, 158.
- Siregar, E., Hara, H., & Jamludin. (2010). *Teori Belajar dan Pembelajaran*. Ghalia Indonesia.
- Slameto. (2010). *Belajar dan Faktor-Faktor yang Mempengaruhinya* (5th ed.). Rineka Cipta.
- Suardi, M. (2018). *Belajar & Pembelajaran*. Deepublish.
- Sugiyono. (2013). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Alfabeta.
- Sultono, S., Seminar, K. B., & Erizal, E. (2016). Analysis On Academic Information System Quality Toward User Satisfaction. *Bisnis & Birokrasi Journal*, 22(2), 122–129. <https://doi.org/10.20476/jbb.v22i2.5701>
- Surat Edaran Rektor Universitas Andalas Nomor 8/UN.16.R/SE/2020 tentang *Kegiatan Kampus dalam Rangka Kewaspadaan Pandemi COVID-19*
- Susilo, A., Rumende, C. M., Pitoyo, C. W., Santoso, W. D., Yulianti, M., Sinto, R., Singh, G., Nainggolan, L., Nelwan, E. J., Khie, L., Widhani, A., Wijaya, E., Wicaksana, B., Maksum, M., Annisa, F., Jasirwan, O., & Yunihastuti, E. (n.d.). *Coronavirus Disease 2019: Tinjauan Literatur Terkini*. 23.

- Suwitri, S., Sakti, N. W., Purnaweni, H., & Yindrizal. (2019). *IMPACT OF THE USE ACADEMIC INFORMATION SYSTEMS TO IMPROVE STUDENT SATISFACTION OF ACADEMIC ADMINISTRATION SERVICES IN UNIVERSITAS ANDALAS PADANG*. 10(5), 13.
- Uka, A. (2014). *STUDENT SATISFACTION AS AN INDICATOR OF QUALITY IN HIGHER EDUCATION*. 4(3), 5.
- Vekiri, I., & Chronaki, A. (2008). Gender issues in technology use: Perceived social support, computer self-efficacy and value beliefs, and computer use beyond school. *Computers & Education*, 51(3), 1392–1404. <https://doi.org/10.1016/j.compedu.2008.01.003>
- Vershitskaya, E. R., Mikhaylova, A. V., Gilmanshina, S. I., Dorozhkin, E. M., & Epaneshnikov, V. V. (2020). Present-day management of universities in Russia: Prospects and challenges of e-learning. *Education and Information Technologies*, 25(1), 611–621. <https://doi.org/10.1007/s10639-019-09978-0>
- Virtanen, M. A., Kääriäinen, M., Liikanen, E., & Haavisto, E. (2017). The comparison of students' satisfaction between ubiquitous and web-based learning environments. *Education and Information Technologies*, 22(5), 2565–2581. <https://doi.org/10.1007/s10639-016-9561-2>
- Warsita, B. (2018). TEORI BELAJAR ROBERT M. GAGNE DAN IMPLIKASINYA PADA PENTINGNYA PUSAT SUMBER BELAJAR. *Jurnal Teknодик*, 12(1), 064. <https://doi.org/10.32550/teknodik.v12i1.421>
- Watanabe, K. (2005). A study on needs for e-learning—Through the analysis of national survey and case studies. *Progress in Informatics*, 2, 77–86. <https://doi.org/10.2201/NiiPi.2005.2.6>
- Weerasinghe, I. S., Lalitha, R., & Fernando, S. (2017). Students' Satisfaction in Higher Education Literature Review. *American Journal of Educational Research*, 8.
- World Bank. (2020). *World Bank Education and COVID-19*. <https://www.worldbank.org/en/data/interactive/2020/03/24/world-bank-education-and-covid-19>
- World Health Organization. 2020. Emergencies: Novel Coronavirus 2019. WHO, Geneva
- Wu, Z., & McGoogan, J. M. (2020). Characteristics of and Important Lessons From the Coronavirus Disease 2019 (COVID-19) Outbreak in China: Summary of a Report of 72 314 Cases From the Chinese Center for Disease Control and Prevention. *JAMA*, 323(13), 1239. <https://doi.org/10.1001/jama.2020.2648>
- You, J. W., & Kang, M. (2014). The role of academic emotions in the relationship between perceived academic control and self-regulated learning in online learning. In *Computers and Education* (Vol. 77). Elsevier Ltd. <https://doi.org/10.1016/j.compedu.2014.04.018>

Zhang, Y., & Lin, C.-H. (2020). Student interaction and the role of the teacher in a state virtual high school: What predicts online learning satisfaction? *Technology, Pedagogy and Education*, 29(1), 57–71. <https://doi.org/10.1080/1475939X.2019.1694061>

Zinn, K. L. (2000). Computer-assisted learning and teaching. In *Encyclopedia of Computer Science* (pp. 328–336). Chichester, UK: John Wiley and Sons Ltd. Retrieved from <http://dl.acm.org/citation.cfm?id=1074100.1074248>

