

DAFTAR PUSTAKA

- Adipat, S., Chotikapanich, R., Laksana, K., Busayanon, K., Piatanom, P., Ausawasowan, A., & Elbasouni, I. (2023). Technological Pedagogical Content Knowledge for Professional Teacher Development. *Academic Journal of Interdisciplinary Studies*, 12(1), 173–182. <https://doi.org/10.36941/ajis-2023-0015>
- Afifulloh, M., & Sulistiono, M. (2023). Penguatan Literasi Digital melalui Pembuatan Media Pembelajaran Audio Visual. *Wikrama Parahita : Jurnal Pengabdian Masyarakat*, 7(2), 211–216. <https://doi.org/10.30656/jpmwp.v7i2.5346>
- Angeli, C., & Valanides, N. (2008). Epistemological and methodological issues for the conceptualization and development of ICT-TPCK. *IADIS International Conference on Cognition and Exploratory Learning in Digital Age, CELDA 2008*, 62–70.
- Arikunto, S. (2010). *Prosedur Penelitian Suatu Pendekatan Praktik* (Edisi Rev). Rineka Cipta, Jakarta.
- Aveny Kurnia Mursyida¹, Yozan Trio Mahendra², D. S. (2022). Literasi Digital Sebagai Upaya Menangkal Hoax di Lingkungan Masyarakat Indonesia. *Literasi Digital Sebagai Upaya Menangkal Hoax Di Lingkungan Masyarakat Indonesia*, 1(2), 59–71.
- Azwar, S. (2017). *Metode Penelitian*. Pustaka Belajar.
- Bandura, A. (1997). *ocial cognitive theory: An agentic perspective*. *Annual Review of Psychology*. W.H. Freeman.
- Baron, R. M., & Kenny, D. A. (1986a). he Moderator–Mediator Variable Distinction in Social Psychological Research. *Journal of Personality and Social Psychology*.
- Baron, R. M., & Kenny, D. A. (1986b). The moderator–mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. *Journal of Personality and Social Psychology*, 1173–1182.

- Bougie, U. S. & R. (2016). *Research Methods for Business: A Skill-Building Approach* (7th Editio). John Wiley & Sons Ltd.
- Calvani, A., Fini, A., & Ranieri, M. (2010). Digital Competence In K-12. Theoretical Models, Assessment Tools and Empirical Research. *Anàlisi*, 40, 157–171. <https://doi.org/10.7238/a.v0i40.1151>
- Cantabrana, J. L. L., Rodríguez, M. U., & Cervera, M. G. (2019). Assessing teacher digital competence: The construction of an instrument for measuring the knowledge of pre-service teachers. *Journal of New Approaches in Educational Research*, 8(1), 73–78. <https://doi.org/10.7821/naer.2019.1.370>
- Chai1*, C. S., & Joyce Hwee Ling Koh and Chin-Chung Tsai2. (2013). *A Review of Technological Pedagogical Content Knowledge*. 16, 31–51.
- Creswell, J. W. (2014). Table of Contents PART I - Preliminary Considerations. *Book*, 270.
- Demissie, E. B., Labiso, T. O., & Thuo, M. W. (2022). Teachers' digital competencies and technology integration in education: Insights from secondary schools in Wolaita Zone, Ethiopia. *Social Sciences and Humanities Open*, 6(1), 100355. <https://doi.org/10.1016/j.ssaho.2022.100355>
- Devi, L. P. S. A., & Winangun, I. M. A. (2024). Peran Literasi Digital Dalam Meningkatkan Kompetensi Teknologi Siswa Sekolah Dasar. *Jurnal Ilmiah Pendidikan Citra Bakti*, 11(4), 1255–1267. <https://doi.org/10.38048/jipcb.v11i4.4681>
- Dinata, K. B. (2021). Analisis Kemampuan Literasi Digital Mahasiswa. *Analisis Kemampuan Literasi Digital Mahasiswa*, 19, 105–119. <https://doi.org/10.31571/edukasi.v19i1>.
- Dr. Kusnendi, M.S. Annisa Ciptagustia, S.E., M. S. (2018). *Analisis Model Pengukuran dan Struktural Dalam Penelitian Manajemen dan Bisnis*. UPI Press.
- Farida, S. I., Zulkarnaen, I., Hidayat, A., & Pamulang, U. (2022). The Influence of Leadership and Work Motivation on Employee Performance in the Non-Medical Section of Buah Hati Hospital, Ciputat, South Tangerang. *International Journal of Social and Management Studies*, 3(3), 163–175.

<https://ijosmas.org/index.php/ijosmas/article/view/211>

- Feriyanti, Y. G., Maryani, L., Rukhmana, T., Ikhlas, A., Wahyuni, L., & Wahab, A. (2025). Jurnal Edu Research Indonesian Institute For Corporate Learning And Studies (IICLS) Page 25. *Jurnal Edu Research : Indonesian Institute For Corporate Learning And Studies (IICLS)*, 6, 28–35.
- Fitriyanti, Sri Haryati, A. Z. (2022). Pengaruh Supervisi Kepala Sekolah Dan Motivasi Kerja Terhadap Kinerja Guru sekolah dasar. *Jurnal Basicedu*, 6(1), 1243–1251. <https://doi.org/10.33373/bening.v5i1.1346>
- Fraenkel, J. R., Wallen, N. E., & Hyun, H. H. (2009). *How to design and evaluate research in education*.
- Ghozali, P. D. I. (2009). *Aplikasi Analisis Multivariate dengan Program SPSS* (4th ed.). Badan Penerbit Universitas Diponegoro.
- Ghozali, P. D. I. (2018). *Aplikasi Analisis Multivariate dengan Program IBM SPSS* 25. Badan Penerbit Universitas Diponegoro (BP UNDIP).
- Gilster, P. (1997). *Digital Literacy*. John Wiley & Sons.
- Gómez-Trigueros, I. M., Ruiz-Bañuls, M., Esteve-Faubel, J. M., & Mareque León, F. (2024). Teacher Motivation: Exploring the Integration of Technology and Didactics in the Narratives of Future Teachers. *Social Sciences*, 13(4). <https://doi.org/10.3390/socsci13040217>
- Hadinata Saputra Lim. (2019). Pengaruh Motivasi Kerja Dan Disiplin Kerja Terhadap Kepuasan Kerja Pegawai Badan Pengelola Keuangan Dan Pendapatan Daerah Provinsi Kalimantan Barat. *Equator Journal of Management and Entrepreneurship (EJME)*, 7(2), 1–20. <http://www.elsevier.com/locate/scp>
- Hanggara, A., & Darsih, E. (2018). *Dasar Statistika: Manual dan SPSS*. CV Pustaka Setia.
- Harmadi, F., Maryani, I., Sukirman, S., & Montano, E. C. N. (2025). Digital Transformation: Exploring the Relationship Between Literacy, Motivation, and TPACK in Elementary Education. *Indonesian Journal on Learning and Advanced Education (IJOLAE)*, 7(2), 295–311. <https://doi.org/10.23917/ijolae.v7i2.9209>

- Harris, J. B., & Hofer, M. J. (2011). Technological Pedagogical Content Knowledge (TPACK) in Action: A Descriptive Study of Secondary Teachers' Curriculum-Based, Technology-Related Instructional Planning. *Journal of Research on Technology in Education*, 43, 211–229. <https://doi.org/https://doi.org/10.1080/15391523.2011.10782570>
- Hayes, A. F. (2013). *Introduction to Mediation, Moderation, and Conditional Process Analysis: A Regression-Based Approach*. Guilford Press.
- Herzberg, F., Mausner, B., & Snyderman, B. B. (1959a). *The Motivation to Work*. John Wiley & Sons.
- Herzberg, F., Mausner, B., & Snyderman, B. B. (1959b). *The Motivation to Work*. John Wiley & Sons.
- Iskandar, I., & Riantoni, C. (2023). Kesulitan Guru Pai Mengintegrasikan Pembelajaran Berbasis TPACK pada Masa dan pasca Pandemi Covid 19. *Edukatif: Jurnal Ilmu Pendidikan*, 5(1), 533–542. <https://doi.org/10.31004/edukatif.v5i1.4721>
- Iskandar, & Mulyati, S. (2023). *Menulis skripsi itu mudah*. EDUKATI INI CEMERLANG.
- Jafar, M., & Aisyah, D. (2022). *Muslim Jafar 1 , Devy Aisyah 2 , Amrina 3*. 2338(1), 13–34.
- Khotari, C. . (2004). *Research Methodology Methods and Techniques*.
- Koehler, M. J., & Mishra, P. (2016). *Handbook of Technological Pedagogical Content Knowledge (TPACK) for Educators*. Routledge. (2016th ed.). Routledge.
- Koehler, M. J., Mishra, P., Akcaoglu, M., & Rosenberg, J. M. (2013). The Technological Pedagogical Content Knowledge Framework for Teachers and Teacher Educators. *ICT Integrated Teacher Mducation Models*, 1–8. http://cemca.org.in/ckfinder/userfiles/files/ICT_teacher_education_Module_1_Final_May_20.pdf
- Kustianah, Ngasbun Egar, R. (2023). Pengaruh Kepemimpinan Transformasional Kepala Sekolah, Supervisi Akademik Dan Motivasi Kerja Guru Terhadap Kinerja Guru Sekolah Dasar Negeri Di Kecamatan Boja Kabupaten Kendal.

- Fudma Journal of Manag2Ement Sciences*, 9(2), 167–186.
- Maisarah, M., Prasetya, C., & Sari, C. K. (2025). Analisis Kebutuhan Media Pembelajaran Berbasis TPACK Pada Kognitif Sains Anak. *Jurnal Raudhah*, 13(1), 117. <https://doi.org/10.30829/raudhah.v13i1.4640>
- Majid, A. (2014). *Strategi Pembelajaran*. PT Remaja Rosdakarya.
- Marriott, J., Purdie, H., Crossley, J., & Beard, J. D. (2011). Evaluation of procedure-based assessment for assessing trainees skills in the operating theatre. *British Journal of Surgery*, 98(3), 450–457. <https://doi.org/10.1002/bjs.7342>
- Maslow, A. H. (1943). A Theory of Human Motivation. *Psychological Review*, 50(4), 370–396. <https://doi.org/10.1037/h0054346>
- Matthew J. Koehler, P. M. (2009). Handbook of Technological Pedagogical Content Knowledge (TPCK) for Educators Edited By Matthew J. Koehler, Punya Mishra, Published by. *The AACTE Committee on Innovation and Technology*, 42(2), 2531p.
- Mishra, P., & Koehler, M. J. (2006). Technological Pedagogical Content Knowledge: A Framework for Teacher Knowledge. *Teachers College Record: The Voice of Scholarship in Education*, 108(6), 1017–1054. <https://doi.org/10.1177/016146810610800610>
- Mishra, P., & Koehler, M. J. (2008). Introducing Technological Pedagogical Content Knowledge. *Paper Presented at the Annual Meeting of the American Educational Research Association*, 1–16.
- Mustofa, A. Z., & Maslow, A. (2022). *Hierarchy of Human Needs : A Humanistic Psychology Approach of Abraham Maslow*. 3(2), 30–35. <https://doi.org/10.30984/KIJMS.v3i2.282>
- Najib, M. (2023). Pengaruh Motivasi Terhadap Kinerja Karyawan Pada PT. Hevea Bumi Sriwijaya Muhammad Najib. *Pengaruh Motivasi Dan Lingkungan Kerja Terhadap Kinerja Karyawan Pada PT Angkasa Pura Support*, 3.
- Natasya, A. (2023). *Pengaruh Lingkungan Kerja Fisik Dan Non Fisik Terhadap Produktivitas Kerja Guru Sd 004 Binaan Tanjungpinang Timur Pengaruh Lingkungan Kerja Fisik Dan Non Fisik Terhadap Produktivitas Kerja Guru Sd 004*.

- Nida Putri Rahmayanti, Imawati Yousida, Maria Anastasia, I. (2020). Jieb : Jurnal Ilmiah Ekonomi Bisnis. *Jurnal Ilmiah Ekonomi Bisnis (S4)*, 5(November), 1–12. <http://ejournal.stiepancasetia.ac.id/index.php/jieb>
- Novitasari, Y., & Fauziddin, M. (2022). Analisis Literasi Digital Tenaga Pendidik pada Pendidikan Anak Usia Dini. *Jurnal Obsesi : Jurnal Pendidikan Anak Usia Dini*, 6(4), 3570–3577. <https://doi.org/10.31004/obsesi.v6i4.2333>
- Nugroho, M. S., Sumardjoko, B., Fathoni, A., & Astuti, D. S. (2025). Peran Kepemimpinan Transformasional dan Supervisi Akademik terhadap Kinerja Guru yang Dimoderasi Motivasi Kerja. *JiIP - Jurnal Ilmiah Ilmu Pendidikan*, 8(7), 7044–7053. <https://doi.org/10.54371/jiip.v8i7.8168>
- Nur Ahyani, Happy Fitria, Bukman Lian, H. S. N. (2024). *Edusaintek: Jurnal Pendidikan, Sains dan Teknologi*. 11(3), 1296–1308.
- Nursalam. (2003). *Konsep dan Penerapan Metodologi Penelitian Ilmu Keperawatan*. Salemba Medika.
- Perdani, B. U. M., & Andayani, E. S. (2022). Pengaruh Kemampuan Technological Pedagogical Content Knowledge (Tpack) Terhadap Kesiapan Menjadi Guru. *Jurnal Pendidikan Akuntansi Indonesia*, 19(2), 99–115. <https://doi.org/10.21831/jpai.v19i2.46021>
- Portillo, J., Garay, U., Tejada, E., & Bilbao, N. (2020). Self-perception of the digital competence of educators during the covid-19 pandemic: A cross-analysis of different educational stages. *Sustainability (Switzerland)*, 12(23). <https://doi.org/10.3390/su122310128>
- Prensky, M. (2001). Digital natives, digital immigrants. *On the Horizon*, 9 (5), 1–6.
- Purnomo, H. (2017). *Manajemen Pendidikan* (A. B. Zaimina (ed.)). CV. Bildung Nusantara.
- Putra, D. R. A., & Hanggara, D. A. H. (2022). *Analisis data Kuantitatif* (T. Lestari (ed.)). CV. Jakad Media Publishing.
- Rachmawati, D., & Sutikno, P. Y. (2024). Pembelajaran Berdiferensiasi Berbasis Technological Pedagogical and Content Knowledge (TPACK) Meningkatkan Hasil Belajar IPAS Kelas IV. *Jurnal Imiah Pendidikan Dan Pembelajaran*,

- 8(2), 288–297. <https://doi.org/10.23887/jipp.v8i2.74758>
- Rahmanita, N. (2019). *Peranan motivasi dalam meningkatkan kinerja pegawai politeknik kesehatan kementrian kesehatan tanjungpinang*.
- Rodríguez, M. U., Cantabrana, J. L. L., & Cervera, M. G. (2021). Validation of a tool for self-evaluating teacher digital competence. *Educacion XX1*, 24(1), 353–373. <https://doi.org/10.5944/educXX1.27080>
- Rosyadi, I., & Lestari, N. W. (2024). Hubungan Antara Motivasi Dan Efikasi Diri Terhadap KepatuhanCuci Tangan Perawat Di Ruang IntensiveRsud Tengku Rafian. *Ensiklopedia of Journal*, 6(2), 248–258. <http://jurnal.ensiklopediaku.org>
- Santoso, S. (2005). *Menguasai Statistik di Era Informasi dengan SPSS 12*. PT Elex Media Komputindo.
- Sastrohadiwiryo, S. (2006). *Manajemen Tenaga Kerja Indonesia: Pendekatan Administratif dan Operasional*. Aksara, Bumi.
- Schmidt, D. A., D, E. B. A., Koehler, M. J., & Shin, T. S. (2009). *Pengembangan dan Validasi Instrumen Penilaian untuk Preservice Konten Pedagogical teknologi Guru*. 42(2), 123–149.
- Shi, L., & Jiang, L. (2022). How EFL teachers perceive and self-evaluate the knowledge components in forming Technological Pedagogical Content Knowledge (TPACK). *English Language Teaching Educational Journal*, 5(1), 1–15. <https://doi.org/10.12928/eltej.v5i1.5914>
- Shulman, L. E. E. S. (1986). Those Who Understand: Knowledge Growth in Teaching. *Those Who Understand: Knowledge Growth in Teaching*, 15(2), 4–14.
- Siagian, S. P. (2014). *Manajemen Sumber Daya Manusia*. Bumi Aksara.
- Silvester, S., Sumarni, M. L., & Saputro, T. V. D. (2024). Pengaruh Kompetensi Technological Pedagogical Content Knowledge (TPACK) terhadap Keterampilan Guru dalam Mengimplemtasikan Pembelajaran Berbasis Digital. *Journal of Education Research*, 5(4), 4958–4965. <https://doi.org/10.37985/jer.v5i4.1697>
- Sobita Devi, K. (2019). Constructivist Approach to Learning based on the Concepts

- of Jean Piaget and Lev Vygotsky An Analytical Overview. *Journal of Indian Education*, 44, 519.
<http://45.127.197.188:8090/index.php/jie/article/view/2553>
- Sugiyono. (2023). *Metodologi Penelitian Kuantitatif, Kualitatif dan R & D*. Penerbit Alfabeta Bnadung.
- Sugiyono, P. D. (2007). *Metode Penelitian Pendidikan: Pendekatan Kuantitatif, Kualitatif, dan R&D*. Alfabeta Bandung.
- Sugiyono, P. D. (2021). *Metode Penelitian Pendidikan: Pendekatan Kuantitatif, Kualitatif, dan R&D* (3rd ed.). Alfabeta Bandung.
- Sugiyono, P. D. (2022). *Metode Penelitian Pendidikan: Pendekatan Kuantitatif, Kualitatif, dan R&D*. Alfabeta Bandung.
- Sugiyono, P. D. (2025). *Metode penelitian kuantitatif, kualitatif dan R & D*. Penerbit Alfabeta Bnadung.
- Suhardi, D., Muhammad, H., Iskandar, H., Surapranata, S., Farid, H., Daryanto, & Suprayitno, T. (2017). Materi Pendukung Literasi Digital. *Kementerian Pendidikan Dan Kebudayaan*, 1–34. <http://gln.kemdikbud.go.id/glnsite/wp-content/uploads/2017/10/literasi-DIGITAL.pdf>
- Suhartini, C., Setiawan, I., Darsih, E., & Hanggara, A. (2024). Pelatihan Literasi Digital : Meningkatkan Kemampuan Remaja Dalam Menghadapi Tantangan Digital di TBM Hipapelnis Desa Kalimanggiskulon. *Pengabdian, Jurnal Masyarakat, Kepada*, 03, 1–8.
- Sumakul, H. I., Tendean, S. V., & Lonto, A. L. (2024). Pemanfaatan Teknologi Informasi dan Komunikasi sebagai Media Pembelajaran. *Tumoutou Social Science Journal*, 1(1), 21–30. <https://doi.org/10.61476/xy1xwh12>
- UNESCO. (2011). Digital Literacy in Education. *Policy Brief*, May, 1–12. https://iite.unesco.org/files/policy_briefs/pdf/en/digital_literacy.pdf
- Wahyuni, S., Amir, R., & Nurlina. (2023). Penerapan Model Pembelajaran Problem Based Learning (Pbl) Untuk Meningkatkan Motivasi Belajar Pada Mata Pelajaran Ipa Siswa Kelas V Uptd Sdn 72 Pakalu Ii. *Global Journal Teaching Professional*, 2(4), 108–117.
- Wahyuni, T. S., Firdaus, M. A. R., & Silfianah, I. (2024). The Correlation Between

- Digital Literacy And Scientific Literacy Abilities With Students' Learning Outcomes On Chemistry Material In Everyday Life. *Quantum: Jurnal Inovasi Pendidikan Sains*, 15(2), 210. <https://doi.org/10.20527/quantum.v15i2.20199>
- Wayan Widana, I. (2020). The Effect of Digital Literacy on the Ability of Teachers to Develop HOTS-based Assessment. *Journal of Physics: Conference Series*, 1503(1). <https://doi.org/10.1088/1742-6596/1503/1/012045>
- Yang, M. X., & Yang, W. (2025). Factors Influencing EFL Teachers' TPACK of Higher Education in Guizhou, China. *Pegem Egitim Ve Ogretim Dergisi*, 15(2), 42–51. <https://doi.org/10.47750/pegegog.15.02.05>
- Yue, M., Siu, M., Jong, Y., Tsz, D., & Ng, K. (2024). Understanding K – 12 teachers ' technological pedagogical content knowledge readiness and attitudes toward artificial intelligence education. In *Education and Information Technologies* (Vol. 29, Issue 15). Springer US. <https://doi.org/10.1007/s10639-024-12621-2>
- Yuhyun, P. (2016). *Digital intelligence (DQ): A conceptual framework for digital literacy, skills, and readiness*.
- Adipat, S., Chotikapanich, R., Laksana, K., Busayanon, K., Piatanom, P., Ausawasowan, A., & Elbasouni, I. (2023). Technological Pedagogical Content Knowledge for Professional Teacher Development. *Academic Journal of Interdisciplinary Studies*, 12(1), 173–182. <https://doi.org/10.36941/ajis-2023-0015>
- Afifulloh, M., & Sulistiono, M. (2023). Penguatan Literasi Digital melalui Pembuatan Media Pembelajaran Audio Visual. *Wikrama Parahita : Jurnal Pengabdian Masyarakat*, 7(2), 211–216. <https://doi.org/10.30656/jpmwp.v7i2.5346>
- Angeli, C., & Valanides, N. (2008). Epistemological and methodological issues for the conceptualization and development of ICT-TPCK. *IADIS International Conference on Cognition and Exploratory Learning in Digital Age, CELDA 2008*, 62–70.
- Arikunto, S. (2010). *Prosedur Penelitian Suatu Pendekatan Praktik* (Edisi Rev). Rineka Cipta, Jakarta.

- Aveny Kurnia Mursyida¹, Yozan Trio Mahendra², D. S. (2022). Literasi Digital Sebagai Upaya Menangkal Hoax di Lingkungan Masyarakat Indonesia. *Literasi Digital Sebagai Upaya Menangkal Hoax Di Lingkungan Masyarakat Indonesia*, 1(2), 59–71.
- Azwar, S. (2017). *Metode Penelitian*. Pustaka Belajar.
- Bandura, A. (1997). *ocial cognitive theory: An agentic perspective*. *Annual Review of Psychology*. W.H. Freeman.
- Baron, R. M., & Kenny, D. A. (1986a). he Moderator–Mediator Variable Distinction in Social Psychological Research. *Journal of Personality and Social Psychology*.
- Baron, R. M., & Kenny, D. A. (1986b). The moderator–mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. *Journal of Personality and Social Psychology*, 1173–1182.
- Bougie, U. S. & R. (2016). *Research Methods for Business: A Skill-Building Approach* (7th Editio). John Wiley & Sons Ltd.
- Calvani, A., Fini, A., & Ranieri, M. (2010). Digital Competence In K-12. Theoretical Models, Assessment Tools and Empirical Research. *Anàlisi*, 40, 157–171. <https://doi.org/10.7238/a.v0i40.1151>
- Cantabrana, J. L. L., Rodríguez, M. U., & Cervera, M. G. (2019). Assessing teacher digital competence: The construction of an instrument for measuring the knowledge of pre-service teachers. *Journal of New Approaches in Educational Research*, 8(1), 73–78. <https://doi.org/10.7821/naer.2019.1.370>
- Chai^{1*}, C. S., & Joyce Hwee Ling Koh and Chin-Chung Tsai². (2013). A Review of Technological Pedagogical Content Knowledge. 16, 31–51.
- Creswell, J. W. (2014). Table of Contents PART I - Preliminary Considerations. *Book*, 270.
- Demissie, E. B., Labiso, T. O., & Thuo, M. W. (2022). Teachers' digital competencies and technology integration in education: Insights from secondary schools in Wolaita Zone, Ethiopia. *Social Sciences and Humanities Open*, 6(1), 100355. <https://doi.org/10.1016/j.ssaho.2022.100355>

- Devi, L. P. S. A., & Winangun, I. M. A. (2024). Peran Literasi Digital Dalam Meningkatkan Kompetensi Teknologi Siswa Sekolah Dasar. *Jurnal Ilmiah Pendidikan Citra Bakti*, 11(4), 1255–1267. <https://doi.org/10.38048/jipcb.v11i4.4681>
- Dinata, K. B. (2021). Analisis Kemampuan Literasi Digital Mahasiswa. *Analisis Kemampuan Literasi Digital Mahasiswa*, 19, 105–119. <https://doi.org/10.31571/edukasi.v19i1>.
- Dr. Kusnendi, M.S. Annisa Ciptagustia, S.E., M. S. (2018). *Analisis Model Pengukuran dan Struktural Dalam Penelitian Manajemen dan Bisnis*. UPI Press.
- Farida, S. I., Zulkarnaen, I., Hidayat, A., & Pamulang, U. (2022). The Influence of Leadership and Work Motivation on Employee Performance in the Non-Medical Section of Buah Hati Hospital, Ciputat, South Tangerang. *International Journal of Social and Management Studies*, 3(3), 163–175. <https://ijosmas.org/index.php/ijosmas/article/view/211>
- Feriyanti, Y. G., Maryani, L., Rukhmana, T., Ikhlas, A., Wahyuni, L., & Wahab, A. (2025). Jurnal Edu Research Indonesian Institute For Corporate Learning And Studies (IICLS) Page 25. *Jurnal Edu Research : Indonesian Institute For Corporate Learning And Studies (IICLS)*, 6, 28–35.
- Fitriyanti, Sri Haryati, A. Z. (2022). Pengaruh Supervisi Kepala Sekolah Dan Motivasi Kerja Terhadap Kinerja Guru sekolah dasar. *Jurnal Basicedu*, 6(1), 1243–1251. <https://doi.org/10.33373/bening.v5i1.1346>
- Fraenkel, J. R., Wallen, N. E., & Hyun, H. H. (2009). *How to design and evaluate research in education*.
- Ghozali, P. D. I. (2009). *Aplikasi Analisis Multivariate dengan Program SPSS* (4th ed.). Badan Penerbit Universitas Diponegoro.
- Ghozali, P. D. I. (2018). *Aplikasi Analisis Multivariate dengan Program IBM SPSS* 25. Badan Penerbit Universitas Diponegoro (BP UNDIP).
- Gilster, P. (1997). *Digital Literacy*. John Wiley & Sons.
- Gómez-Trigueros, I. M., Ruiz-Bañuls, M., Esteve-Faubel, J. M., & Mareque León, F. (2024). Teacher Motivation: Exploring the Integration of Technology and

- Didactics in the Narratives of Future Teachers. *Social Sciences*, 13(4).
<https://doi.org/10.3390/socsci13040217>
- Hadinata Saputra Lim. (2019). Pengaruh Motivasi Kerja Dan Disiplin Kerja Terhadap Kepuasan Kerja Pegawai Badan Pengelola Keuangan Dan Pendapatan Daerah Provinsi Kalimantan Barat. *Equator Journal of Management and Entrepreneurship (EJME)*, 7(2), 1–20.
<http://www.elsevier.com/locate/scp>
- Hanggara, A., & Darsih, E. (2018). *Dasar Statistika: Manual dan SPSS*. CV Pustaka Setia.
- Harmadi, F., Maryani, I., Sukirman, S., & Montano, E. C. N. (2025). Digital Transformation: Exploring the Relationship Between Literacy, Motivation, and TPACK in Elementary Education. *Indonesian Journal on Learning and Advanced Education (IJOLAE)*, 7(2), 295–311.
<https://doi.org/10.23917/ijolae.v7i2.9209>
- Harris, J. B., & Hofer, M. J. (2011). Technological Pedagogical Content Knowledge (TPACK) in Action: A Descriptive Study of Secondary Teachers' Curriculum-Based, Technology-Related Instructional Planning. *Journal of Research on Technology in Education*, 43, 211–229.
<https://doi.org/https://doi.org/10.1080/15391523.2011.10782570>
- Hayes, A. F. (2013). *Introduction to Mediation, Moderation, and Conditional Process Analysis: A Regression-Based Approach*. Guilford Press.
- Herzberg, F., Mausner, B., & Snyderman, B. B. (1959a). *The Motivation to Work*. John Wiley & Sons.
- Herzberg, F., Mausner, B., & Snyderman, B. B. (1959b). *The Motivation to Work*. John Wiley & Sons.
- Iskandar, I., & Riantoni, C. (2023). Kesulitan Guru Pai Mengintegrasikan Pembelajaran Berbasis TPACK pada Masa dan pasca Pandemi Covid 19. *Edukatif: Jurnal Ilmu Pendidikan*, 5(1), 533–542.
<https://doi.org/10.31004/edukatif.v5i1.4721>
- Iskandar, & Mulyati, S. (2023). *Menulis skripsi itu mudah*. EDUKATI INI CEMERLANG.

- Jafar, M., & Aisyah, D. (2022). *Muslim Jafar 1 , Devy Aisyah 2 , Amrina 3*. 2338(1), 13–34.
- Khotari, C. . (2004). *Research Methodology Methods and Techniques*.
- Koehler, M. J., & Mishra, P. (2016). *Handbook of Technological Pedagogical Content Knowledge (TPACK) for Educators*. Routledge. (2016th ed.). Routledge.
- Koehler, M. J., Mishra, P., Akcaoglu, M., & Rosenberg, J. M. (2013). The Technological Pedagogical Content Knowledge Framework for Teachers and Teacher Educators. *ICT Integrated Teacher Mducation Models*, 1–8. [http://cemca.org.in/ckfinder/userfiles/files/ICT teacher education Module 1 Final_May 20.pdf](http://cemca.org.in/ckfinder/userfiles/files/ICT_teacher_education_Module_1_Final_May_20.pdf)
- Kustianah, Ngasbun Egar, R. (2023). Pengaruh Kepemimpinan Transformasional Kepala Sekolah, Supervisi Akademik Dan Motivasi Kerja Guru Terhadap Kinerja Guru Sekolah Dasar Negeri Di Kecamatan Boja Kabupaten Kendal. *Fudma Journal of Manag2Ement Sciences*, 9(2), 167–186.
- Maisarah, M., Prasetya, C., & Sari, C. K. (2025). Analisis Kebutuhan Media Pembelajaran Berbasis TPACK Pada Kognitif Sains Anak. *Jurnal Raudhah*, 13(1), 117. <https://doi.org/10.30829/raudhah.v13i1.4640>
- Majid, A. (2014). *Strategi Pembelajaran*. PT Remaja Rosdakarya.
- Marriott, J., Purdie, H., Crossley, J., & Beard, J. D. (2011). Evaluation of procedure-based assessment for assessing trainees skills in the operating theatre. *British Journal of Surgery*, 98(3), 450–457. <https://doi.org/10.1002/bjs.7342>
- Maslow, A. H. (1943). A Theory of Human Motivation. *Psychological Review*, 50(4), 370–396. <https://doi.org/10.1037/h0054346>
- Matthew J. Koehler, P. M. (2009). Handbook of Technological Pedagogical Content Knowledge (TPCK) for Educators Edited ByMatthew J. Koehler, Punya Mishra, Published by. *The AACTE Committee on Innovation and Technology*, 42(2), 2531p.
- Mishra, P., & Koehler, M. J. (2006). Technological Pedagogical Content Knowledge: A Framework for Teacher Knowledge. *Teachers College Record: The Voice of Scholarship in Education*, 108(6), 1017–1054.

<https://doi.org/10.1177/016146810610800610>

- Mishra, P., & Koehler, M. J. (2008). Introducing Technological Pedagogical Content Knowledge. *Paper Presented at the Annual Meeting of the American Educational Research Association*, 1–16.
- Mustofa, A. Z., & Maslow, A. (2022). *Hierarchy of Human Needs : A Humanistic Psychology Approach of Abraham Maslow*. 3(2), 30–35. <https://doi.org/10.30984/KIJMS.v3i2.282>
- Najib, M. (2023). Pengaruh Motivasi Terhadap Kinerja Karyawan Pada PT. Hevea Bumi Sriwijaya Muhammad Najib. *Pengaruh Motivasi Dan Lingkungan Kerja Terhadap Kinerja Karyawan Pada PT Angkasa Pura Support*, 3.
- Natasya, A. (2023). *Pengaruh Lingkungan Kerja Fisik Dan Non Fisik Terhadap Produktivitas Kerja Guru Sd 004 Binaan Tanjungpinang Timur Pengaruh Lingkungan Kerja Fisik Dan Non Fisik Terhadap Produktivitas Kerja Guru Sd 004*.
- Nida Putri Rahmayanti, Imawati Yousida, Maria Anastasia, I. (2020). Jieb : Jurnal Ilmiah Ekonomi Bisnis. *Jurnal Ilmiah Ekonomi Bisnis (S4)*, 5(November), 1–12. <http://ejournal.stiepancasetia.ac.id/index.php/jieb>
- Novitasari, Y., & Fauziddin, M. (2022). Analisis Literasi Digital Tenaga Pendidik pada Pendidikan Anak Usia Dini. *Jurnal Obsesi : Jurnal Pendidikan Anak Usia Dini*, 6(4), 3570–3577. <https://doi.org/10.31004/obsesi.v6i4.2333>
- Nugroho, M. S., Sumardjoko, B., Fathoni, A., & Astuti, D. S. (2025). Peran Kepemimpinan Transformasional dan Supervisi Akademik terhadap Kinerja Guru yang Dimoderasi Motivasi Kerja. *JiIP - Jurnal Ilmiah Ilmu Pendidikan*, 8(7), 7044–7053. <https://doi.org/10.54371/jiip.v8i7.8168>
- Nur Ahyani, Happy Fitria, Bukman Lian, H. S. N. (2024). *Edusaintek: Jurnal Pendidikan, Sains dan Teknologi*. 11(3), 1296–1308.
- Nursalam. (2003). *Konsep dan Penerapan Metodologi Penelitian Ilmu Keperawatan*. Salemba Medika.
- Perdani, B. U. M., & Andayani, E. S. (2022). Pengaruh Kemampuan Technological Pedagogical Content Knowledge (Tpack) Terhadap Kesiapan Menjadi Guru. *Jurnal Pendidikan Akuntansi Indonesia*, 19(2), 99–115.

<https://doi.org/10.21831/jpai.v19i2.46021>

- Portillo, J., Garay, U., Tejada, E., & Bilbao, N. (2020). Self-perception of the digital competence of educators during the covid-19 pandemic: A cross-analysis of different educational stages. *Sustainability (Switzerland)*, 12(23). <https://doi.org/10.3390/su122310128>
- Prensky, M. (2001). Digital natives, digital immigrants. *On the Horizon*, 9 (5), 1–6.
- Purnomo, H. (2017). *Manajemen Pendidikan* (A. B. Zaimina (ed.)). CV. Bildung Nusantara.
- Putra, D. R. A., & Hanggara, D. A. H. (2022). *Analisis data Kuantitatif* (T. Lestari (ed.)). CV. Jakad Media Publishing.
- Rachmawati, D., & Sutikno, P. Y. (2024). Pembelajaran Berdiferensiasi Berbasis Technological Pedagogical and Content Knowledge (TPACK) Meningkatkan Hasil Belajar IPAS Kelas IV. *Jurnal Imiah Pendidikan Dan Pembelajaran*, 8(2), 288–297. <https://doi.org/10.23887/jipp.v8i2.74758>
- Rahmanita, N. (2019). *Peranan motivasi dalam meningkatkan kinerja pegawai politeknik kesehatan kementerian kesehatan tanjungpinang*.
- Rodríguez, M. U., Cantabrana, J. L. L., & Cervera, M. G. (2021). Validation of a tool for self-evaluating teacher digital competence. *Educacion XX1*, 24(1), 353–373. <https://doi.org/10.5944/educXX1.27080>
- Rosyadi, I., & Lestari, N. W. (2024). Hubungan Antara Motivasi Dan Efikasi Diri Terhadap Kepatuhan Cuci Tangan Perawat Di Ruang Intensive Rsud Tengku Rafian. *Ensiklopedia of Journal*, 6(2), 248–258. <http://jurnal.ensiklopediaku.org>
- Santoso, S. (2005). *Menguasai Statistik di Era Informasi dengan SPSS 12*. PT Elex Media Komputindo.
- Sastrohadiwiryo, S. (2006). *Manajemen Tenaga Kerja Indonesia: Pendekatan Administratif dan Operasional*. Aksara, Bumi.
- Schmidt, D. A., D, E. B. A., Koehler, M. J., & Shin, T. S. (2009). Pengembangan dan Validasi Instrumen Penilaian untuk Preservice Konten Pedagogical teknologi Guru. 42(2), 123–149.

- Shi, L., & Jiang, L. (2022). How EFL teachers perceive and self-evaluate the knowledge components in forming Technological Pedagogical Content Knowledge (TPACK). *English Language Teaching Educational Journal*, 5(1), 1–15. <https://doi.org/10.12928/eltej.v5i1.5914>
- Shulman, L. E. E. S. (1986). Those Who Understand: Knowledge Growth in Teaching. *Those Who Understand: Knowledge Growth in Teaching*, 15(2), 4–14.
- Siagian, S. P. (2014). *Manajemen Sumber Daya Manusia*. Bumi Aksara.
- Silvester, S., Sumarni, M. L., & Saputro, T. V. D. (2024). Pengaruh Kompetensi Technological Pedagogical Content Knowledge (TPACK) terhadap Keterampilan Guru dalam Mengimplemtasikan Pembelajaran Berbasis Digital. *Journal of Education Research*, 5(4), 4958–4965. <https://doi.org/10.37985/jer.v5i4.1697>
- Sobita Devi, K. (2019). Constructivist Approach to Learning based on the Concepts of Jean Piaget and Lev Vygotsky An Analytical Overview. *Journal of Indian Education*, 44, 519. <http://45.127.197.188:8090/index.php/jie/article/view/2553>
- Sugiyono. (2023). *Metodologi Penelitian Kuantitatif, Kualitatif dan R & D*. Penerbit Alfabeta Bnadung.
- Sugiyono, P. D. (2007). *Metode Penelitian Pendidikan: Pendekatan Kuantitatif, Kualitatif, dan R&D*. Alfabeta Bandung.
- Sugiyono, P. D. (2021). *Metode Penelitian Pendidikan: Pendekatan Kuantitatif, Kualitatif, dan R&D* (3rd ed.). Alfabeta Bandung.
- Sugiyono, P. D. (2022). *Metode Penelitian Pendidikan: Pendekatan Kuantitatif, Kualitatif, dan R&D*. Alfabeta Bandung.
- Sugiyono, P. D. (2025). *Metode penelitian kuantitatif, kualitatif dan R & D*. Penerbit Alfabeta Bnadung.
- Suhardi, D., Muhammad, H., Iskandar, H., Surapranata, S., Farid, H., Daryanto, & Suprayitno, T. (2017). Materi Pendukung Literasi Digital. *Kementerian Pendidikan Dan Kebudayaan*, 1–34. <http://gln.kemdikbud.go.id/glnsite/wp-content/uploads/2017/10/literasi-DIGITAL.pdf>

- Suhartini, C., Setiawan, I., Darsih, E., & Hanggara, A. (2024). Pelatihan Literasi Digital : Meningkatkan Kemampuan Remaja Dalam Menghadapi Tantangan Digital di TBM Hipapelnis Desa Kalimanggiskulon. *Pengabdian, Jurnal Masyarakat, Kepada*, 03, 1–8.
- Sumakul, H. I., Tendean, S. V., & Lonto, A. L. (2024). Pemanfaatan Teknologi Informasi dan Komunikasi sebagai Media Pembelajaran. *Tumoutou Social Science Journal*, 1(1), 21–30. <https://doi.org/10.61476/xy1xwh12>
- UNESCO. (2011). Digital Literacy in Education. *Policy Brief, May*, 1–12. https://iite.unesco.org/files/policy_briefs/pdf/en/digital_literacy.pdf
- Wahyuni, S., Amir, R., & Nurlina. (2023). Penerapan Model Pembelajaran Problem Based Learning (Pbl) Untuk Meningkatkan Motivasi Belajar Pada Mata Pelajaran Ipa Siswa Kelas V Uptd Sdn 72 Pakalu Ii. *Global Journal Teaching Professional*, 2(4), 108–117.
- Wahyuni, T. S., Firdaus, M. A. R., & Silfianah, I. (2024). The Correlation Between Digital Literacy And Scientific Literacy Abilities With Students' Learning Outcomes On Chemistry Material In Everyday Life. *Quantum: Jurnal Inovasi Pendidikan Sains*, 15(2), 210. <https://doi.org/10.20527/quantum.v15i2.20199>
- Wayan Widana, I. (2020). The Effect of Digital Literacy on the Ability of Teachers to Develop HOTS-based Assessment. *Journal of Physics: Conference Series*, 1503(1). <https://doi.org/10.1088/1742-6596/1503/1/012045>
- Yang, M. X., & Yang, W. (2025). Factors Influencing EFL Teachers' TPACK of Higher Education in Guizhou, China. *Pegem Egitim Ve Ogretim Dergisi*, 15(2), 42–51. <https://doi.org/10.47750/pegegog.15.02.05>
- Yue, M., Siu, M., Jong, Y., Tsz, D., & Ng, K. (2024). Understanding K – 12 teachers ' technological pedagogical content knowledge readiness and attitudes toward artificial intelligence education. In *Education and Information Technologies* (Vol. 29, Issue 15). Springer US. <https://doi.org/10.1007/s10639-024-12621-2>
- Yuhyun, P. (2016). *Digital intelligence (DQ): A conceptual framework for digital literacy, skills, and readiness*.