

## DAFTAR PUSTAKA

- [1] S. Kraus, P. Jones, N. Kailer, A. Weinmann, and N. Chaparro-banegas, “Digital Transformation : An Overview of the Current State of the Art of Research,” *Sage Journals*, vol. 11, no. 3, pp. 1–15, 2021, doi: 10.1177/21582440211047576.
- [2] K. Osmundsen, J. Iden, and B. Bygstad, “Digital Transformation : Drivers , Success Factors , and Implications,” *Mediterr. Conf. Inf. Syst.*, vol. 12, pp. 1–15, 2018.
- [3] A. S. Sutarno, R. Madhakomala, and S. E. Widodo, “Evaluation Program of the Appraisal List of Officers Personnel Assigned In the Indonesian Navy,” *Int. J. Sci. Res. Manag.*, vol. 8, no. 06, pp. 405–432, 2020, doi: 10.18535/ijstrm/v8i06.sh03.
- [4] H. Harmen *et al.*, “Mendorong Kinerja Karyawan Melalui Penilaian Yang Objektif Dan Terarah: Penerapanbehaviorally Anchored Rating Scale Dan Management By Objectives,” *J. Masharif al-Syariah J. Ekon. dan Perbank. Syariah*, vol. 9, no. 2, pp. 1190–1196, 2022, [Online]. Available: <https://www.doi.org/10.30651/jms.v9i2.22517>
- [5] M. C. Ramadhan, J. Wiratama, and A. A. Permana, “a Prototype Model on Development of Web-Based Decision Support System for Employee Performance Assessments With Simple Additive Weighting Method,” *JSiI (Jurnal Sist. Informasi)*, vol. 10, no. 1, pp. 25–32, 2023, doi: 10.30656/jsii.v10i1.6137.
- [6] T. R. Oktariany, M. Maryaningsih, and A. Sudarsono, “An Analysis Of SAW, WP And TOPSIS Methods In Determining The Best Employees At The Department Of Horticulture And Plantation Crops Of Bengkulu Province,” *J. Media Comput. Sci.*, vol. 1, no. 2, pp. 267–272, 2022, doi: 10.37676/jmcs.v1i2.2733.
- [7] P. Ziemba, A. Becker, and J. Becker, “A consensus measure of expert judgment in the fuzzy TOPSIS method,” *Symmetry (Basel)*, vol. 12, no. 2, 2020, doi: 10.3390/sym12020204.
- [8] D. N. Utama, “The Popular Fuzzy-TOPSIS as the Main Method for Decision

- Model: An Object-Driven Model for Bibliometric-Based Literature Review,” *J. Comput. Sci.*, vol. 20, no. 11, pp. 1422–1429, 2024, doi: 10.3844/jcssp.2024.1422.1429.
- [9] C. J. Park, S. Y. Kim, and M. V. Nguyen, “Fuzzy topsis application to rank determinants of employee retention in construction companies: South Korean case,” *Sustain.*, vol. 13, no. 11, pp. 1–16, 2021, doi: 10.3390/su13115787.
- [10] M. A. Abuhussain, “Integrated Fuzzy Technique for Order Preference by Similarity to Ideal Solution and Emotional Artificial Neural Network Model for Comprehensive Risk Prioritization in Green Construction Projects,” *Sustain.*, vol. 16, no. 22, 2024, doi: 10.3390/su16229784.
- [11] P. Li, S. A. Edalatpanah, A. Sorourkhah, S. Yaman, and N. Kausar, “An Integrated Fuzzy Structured Methodology for Performance Evaluation of High Schools in a Group Decision-Making Problem,” *Systems*, vol. 11, no. 3, 2023, doi: 10.3390/systems11030159.
- [12] Q. H. Do, V. T. Tran, and T. T. Tran, “Evaluating lecturer performance in Vietnam: An application of fuzzy AHP and fuzzy TOPSIS methods,” *Heliyon*, vol. 10, no. 11, p. e30772, 2024, doi: 10.1016/j.heliyon.2024.e30772.
- [13] D. Dimitriou and M. Sartzetaki, “Performance assessment modeling for managing transport enterprises based on modified fuzzy TOPSIS analysis,” *Oper. Res.*, vol. 22, no. 5, pp. 6037–6053, 2022, doi: 10.1007/s12351-022-00719-9.
- [14] R. S. Pressman, *Software Quality Engineering: A Practitioner’s Approach*, vol. 9781118592. 2010. doi: 10.1002/9781118830208.
- [15] Etriyanti, Siska, Purnama, and Beni, “Perancangan Dan Implementasi Sistem Penunjang Keputusan Penilaian Kinerja Dosen Di Universitas Muhammadiyah Jambi Menggunakan Metode Topsis,” *J. Inform. Dan Rekayasa Komput.*, vol. 5, no. September, pp. 1647–1657, 2025, doi: 10.33998/jakakom.v5i2.
- [16] H. K. Nugroho *et al.*, “Sistem Pendukung Keputusan Penilaian Kinerja

- Pegawai Satpol PP dan Damkar Kabupaten Keerom menggunakan Metode TOPSIS,” *I-Robot J.*, vol. 8, no. 2, pp. 39–44, 2024, doi: <https://doi.org/10.53514/ir.v8i2.586>.
- [17] PASMAR 2, “PASMAR 2,” 2025. <https://pasmars2.tnial.mil.id/> (accessed Nov. 23, 2025).
- [18] T.-P. Turban, Efraim; Aronson, Jay E.; Liang, *Decision Support Systems and Intelligent Systems*, 7th Editio. Upper Saddle River, New Jersey: Pearson Prentice Hall, 2005.
- [19] A. S. Maulana *et al.*, “Fuzzy Logic Algorithm : Review and Implementation,” *J. Inov. Teknol. dan Edukasi Tek.*, vol. 4, no. 9, 2024, doi: 10.17977/um068.v4.i9.2024.3.
- [20] S. H. Anbarkhan, “A Fuzzy-TOPSIS-Based Approach to Assessing Sustainability in Software Engineering : An Industry 5 . 0 Perspective,” *Sustainability*, vol. 15, no. 18, 2023, doi: <https://doi.org/10.3390/su151813844>.
- [21] H. Arman, A. Hadi-vencheh, R. K. Mavi, M. Khodadadipour, and A. Jamshidi, “Revisiting the Interval and Fuzzy TOPSIS Methods : Is Euclidean Distance a Suitable Tool to Measure the Differences between Fuzzy Numbers ?,” vol. 2022, 2022, doi: 10.1155/2022/7032662.
- [22] J. Rumbaugh, I. Jacobson, and G. Booch, *The Unified Modeling Language Reference Manual*, vol. 53, no. 9. Canada: Addison Wesley Longman, Inc., 1999.
- [23] A. Ambarita, *Analisis dan Pengembangan Sistem Informasi Pendekatan Model Driven*. Yogyakarta, Indonesia: Gosyen Publishing, 2020.
- [24] L. Welling and L. Thomson, *PHP and MySQL Web development*. 2005.
- [25] A. Solichin, *MySQL Dari Pemula Hingga Mahir*, no. November. 2010.
- [26] A. Watt and N. Eng, *Database Design – 2nd Edition*, 2th ed. Victoria: BCcampus, 2014. [Online]. Available: <https://opentextbc.ca/dbdesign01/>
- [27] M. Nur Ichsanudin, Uminingsih, Suraya, and M. Yusuf, “Pengujian Fungsional Perangkat Lunak Sistem Informasi Perpustakaan Dengan

- Metode Black Box Testing Bagi Pemula Info Artikel Abstrak,” *STORAGE – J. Ilm. Tek. dan Ilmu Komput.*, vol. 1, no. 2, pp. 1–8, 2022, doi: <https://doi.org/10.55123/storage.v1i2.270>.
- [28] N. Apriliani, Y. Putri, R. T. Subagio, and M. Asfi, “Sistem Pendukung Keputusan Penilaian Kinerja Mahasiswa KIP Kuliah dengan Penerapan Metode TOPSIS dan PROMETHEE,” *J. Media Inform. Budidarma*, vol. 5, no. 4, pp. 1394–1404, 2021, doi: 10.30865/mib.v5i4.3268.
- [29] Aliyah Aliyah, Nahrin Hartono, and Asrul Azhari Muin, “Penggunaan User Acceptance Testing (UAT) Pada Pengujian Sistem Informasi Pengelolaan Keuangan Dan Inventaris Barang,” *Switch J. Sains dan Teknol. Inf.*, vol. 3, no. 1, pp. 84–100, 2024, doi: 10.62951/switch.v3i1.330.
- [30] I. Sommerville, *Software Engineering Ninth Edition*, 9th ed. Massachusetts: Pearson Education, 2011.
- [31] M. K. Amin *et al.*, “Perancangan Sistem Penilaian Siswa Berbasis Website Menggunakan Metode Waterfall,” *JATI (Jurnal Mhs. Tek. Inform.*, vol. 8, no. 3, pp. 4041–4047, 2024, doi: <https://doi.org/10.36040/jati.v8i3.9737>.
- [32] A. D. Christiana, E. Mailoa, F. T. Informasi, U. Kristen, and S. Wacana, “Sistem Pendukung Keputusan Penilaian Kinerja Karyawan Berbasis Website dengan Menggunakan Metode TOPSIS,” *AITI J. Teknol. Inf.*, vol. 19, no. 1, pp. 31–47, 2022, doi: <https://doi.org/10.24246/aiti.v19i1.31-47>.
- [33] M. R. Ristic, T. S. Tot, I. Ristic, V. Tot, and T. Radosevic, “Evaluation of Leadership Styles in Multinational Corporations Using the Fuzzy TOPSIS Method,” pp. 1–20, 2025.
- [34] V. K. Anggoro, A. Riski, and A. Kamsyakawuni, “Penerapan Metode Fuzzy TOPSIS sebagai Sistem Pendukung Keputusan Pemilihan Mahasiswa Berprestasi,” *J. ILMU DASAR*, vol. 24, no. 1, pp. 31–36, 2023.
- [35] M. D. Industrial, R. Selection, N. Tran, and V. Trinh, “An Integrated Approach of Fuzzy AHP-TOPSIS for Multi-Criteria Decision-Making in Industrial Robot Selection,” *Processes*, vol. 12, no. 1723, pp. 1–20, 2024, doi: <https://doi.org/10.3390/pr12081723>.