

DAFTAR PUSTAKA

- Afsordegan, A., Sánchez, M., Agell, N., Zahedi, S. and Cremades, L. V., 2016, Decision making under uncertainty using a qualitative TOPSIS method for selecting sustainable energy alternatives, *International Journal of Environmental Science and Technology*, 13(6), pp. 1419–1432.
- Aktas, A., Yerlikaya, M. A., Kabak, M. dan Ecer, B., 2019, AHP- TOPSIS Hybrid Approach for Research Assistant Selection, 2019 *International Conference on Data Science, Machine Learning and Statistics*, 1(1), pp. 1-3.
- Alharthi, H., Sultana, N., Al-amoudi, A. dan Basudan, A., 2015, An Analytic Hierarchy Process-based Method to Rank the Critical Success Factors of Implementing a Pharmacy Barcode System, *Perspectives in health information management*, 12(1), pp. 1-15.
- Aragonés-Beltrán, P., Chaparro-González, F., Pastor-Ferrando, J. P. and Pla-Rubio, A., 2014, An AHP (Analytic Hierarchy Process)/ANP (Analytic Network Process)-based multi-criteria decision approach for the selection of solar-thermal power plant investment projects, *Energy*. Elsevier Ltd, 66, pp. 222–238.
- Asuquo, D. E. and Onuodu, F. E., 2016, A Fuzzy AHP Model for Selection of University Academic Staff, *International Journal of Computer Applications*, 141(1), pp. 19–26
- Athawale, V. M. and Chakraborty, S., 2010, A TOPSIS Method-based Approach to Machine Tool Selection, *Proceedings of the 2010 International Conference on Industrial Engineering and Operations Management*, pp. 65–70.
- Azimifard, A., Moosavirad, S. H. and Ariafar, S., 2018, Selecting sustainable supplier countries for Iran’s steel industry at three levels by using AHP and TOPSIS

- methods, *Resources Policy*. Elsevier Ltd, 57(December 2017), pp. 30–44.
- Bahurmoz, A. M. dan Al-Sharqi, L. M., 2011, Implementing the Analytic Hierarchy Process To Recruit Females for the Ministry of Foreign Affairs in Saudi Arabia, *Proceedings of the International Symposium on the Analytic Hierarchy Process*, 1(1), pp. 1-6.
- Bo, Y. and Han, W., 2013, The Study of Recruitment Based on AHP - Taking the Recruitment of Express Clerk as an Example, *Journal of Hebei Normal University of Science & Technology (Social Sciences)*, (2), pp. 22.
- Cattel, E. H. and Schuerger, M. J., 2003, *Essentials of 16 PF Assessment*, John Wiley and Sons Inc, New Jersey
- Ceballos, B., Lamata, M. T. and Pelta, D. A., 2016a, A comparative analysis of multi-criteria decision-making methods, *Progress in Artificial Intelligence*, 5(4), pp. 315–322.
- Ceballos, B., Lamata, M. T. and Pelta, D. A., 2016b, A comparative analysis of multi-criteria decision-making methods, *Progress in Artificial Intelligence*. Springer Berlin Heidelberg, 5(4), pp. 315–322.
- Chaturvedi, M. and Chander, R., 2010, Development of Emotional Stability Scale, *Journal of Industrial Psychiatry of India*, 19(1), pp. 37-40.
- Chen, C. C., Lee, Y. T. and Tsai, C. M., 2014, Professional baseball team starting pitcher selection using AHP and topsis methods, *International Journal of Performance Analysis in Sport*, 14(2), pp. 545–563.
- Chen, P., 2009, A Fuzzy Multiple Criteria Decision Making Model in Employee Recruitment, *International Journal of Computer Science and Network Security*, 9(7), pp. 113–117.

- Demirhan, A. dan Pinarbaşı, F., 2019, Employment in Marketing: Evaluation of Recruitment Criteria with Analytic Hierarchy Process, *Journal of Contemporary Challenges in Business and Life Sciences*, 1(1), pp. 1-11.
- Doğan, A. and Önder, E., 2014, Using Multi Criteria Decision Techniques in Recruiting and Selection of Human Resources and An Application, *Journal of Yasar University*, 9 (34), pp. 1-45.
- Doka, K. M., Ahmad, F., Shamsuddin, S. N. W., Awang, W. S. W. dan Ghazali, N., 2015, Integrated decision support system for human resource selection using TOPSIS based models, *Applied Mathematical Sciences*, 9(129), pp. 6403–6414.
- Dožić, S. and Kalić, M., 2014, An AHP approach to aircraft selection process, *Transportation Research Procedia*, 3(July), pp. 165–174.
- Esmaili-dooki, A., Bolhasani, P. and Fallah, M., 2017, An Integrated Fuzzy AHP and Fuzzy TOPSIS Approach for Ranking and Selecting the Chief Inspectors Of Bank : A Case Study, *Journal of Applied Research on Industrial Engineering*, 4(1), pp. 8–23
- Faliagka, E., Ramantas, K., Tsakalidis, A. and Viennas, M., 2011, An integrated e-recruitment system for CV ranking based on AHP, *WEBIST 2011 - Proceedings of the 7th International Conference on Web Information Systems and Technologies*, pp. 147–150.
- Feng, R. C., Chen, M. J., Chen, M. C. dan Pai, Y. C., 2010, Critical thinking competence and disposition of clinical nurses in a medical center, *The Journal of Nursing Research : JNR*, 18(2), pp. 77–87.
- Frey, B. B., 2018, Inter-Rater Reliability, *The SAGE Encyclopedia of Educational Research, Measurement, and Evaluation*, Thousand Oaks, CA, 1(4).

- Frosch, K., Harhoff, D., Hoisl, K., Steinle, C. dan Zwick, T., 2015, Candidate Screening for the Recruitment of Critical Research and Development Workers A Report and Preliminary Results with Evidence from Experimental Data from German High-Tech Firms, *SSRN Electronic Journal*, 15 (2), pp. 1-45.
- Gow, A. J., Whiteman, M. C., Pattie, A. dan Deary, I. J., 2005, Goldberg's "IPIP" Big-Five factor markers: Internal consistency and concurrent validation in Scotland, *Personality and Individual Differences*, 39(2), pp. 317–329.
- Gulgin, H. dan Hoogenboom, B., 2014, The functional movement screening (fms)TM: an inter-rater reliability study between raters of varied experience, *International Journal of Sports Physical Therapy*, 9(1), pp. 14–20.
- Gwet, K. L., 2014, *Handbook of Inter-Rater Reliability Fourth Edition : The Definitive Guide to Measuring the Extent of Agreement Among Raters*, Advanced Analytics, LLC, Gaithersburg, USA.
- Handayani, W. and Erlangga, 2017, Decision Support System Analysis Method Technique For Preference By Order To Ideal Solution Similarity (TOPSIS), 2017 4th International Conference on Engineering and Technology Development Proceedings, pp. 236–245.
- Hartati, T. and Rino, R., 2018, Decision Supporting System For Assessment Of Recruitment And Employees Management With Analytical Hierarchy Process (AHP) Method In PT . Indo Porcelain, *Journal Tech-E* ,2(1), pp. 1–7.
- Hertyana, H., 2019, Seleksi Penerimaan Karyawan Baru Menggunakan Metode Topsis, *Jurnal Ilmu Pengetahuan dan Teknologi Komputer*, 4(2), pp. 1–8.
- Hexin, L. dan Bin, Z., 2010, Elastic information matching technology and its application in electronic recruitment, 2010 IEEE 11th International Conference on Computer-Aided Industrial Design and Conceptual Design, CAID and CD'2010, 2 (1), pp. 1582–1585.

- Hodgson, C., Needham, D., Haines, K., Bailey, M., Ward, A., Harrold, M., Young, P., Zanni, J., Buhr, H., Higgins A., Presneill, J. dan Berney, S., 2014, Feasibility and inter-rater reliability of the ICU Mobility Scale', *Heart and Lung: Journal of Acute and Critical Care*. Elsevier Inc, 43(1), pp. 19–24.
- Howard, A. dan Choi, M., 2000, How Do You Assess a Manager's Decision-Making Abilities? The Use of Situational Inventories, *International Journal of Selection and Assessment*, 8(2), pp. 85–88.
- Hsiao, W., Chang, T., Huang, M. and Chen, Y., 2011, Selection criteria of recruitment for information systems employees: Using the analytic hierarchy process (AHP) method, *African Journal of Business Management*, 5(15), pp. 6200–6208.
- Hwang, C. L. dan Yoon, K., 1981, Methods for Multiple Attribute Decision Making, *Multiple Attribute Decision Making Journal*, 1(1), pp. 58-191
- İlçe, A. C., 2018, Internship Evaluation and Recruitment Based on Fuzzy AHP: An Application in the Furniture Industry, *Journal of Artvin Coruh University Faculty of Forestry*, 19(1), pp. 129–137.
- Jain, V., Sangaiah, A. K., Sakhuja, S., Thoduka, N. and Aggarwal, R., 2018, Supplier selection using fuzzy AHP and TOPSIS: a case study in the Indian automotive industry, *Neural Computing and Applications*. Springer London, 29(7), pp. 555–564.
- Jayant, A., Gupta, P., Garg, S. K. and Khan, M., 2014, TOPSIS-AHP based approach for selection of reverse logistics service provider: A case study of mobile phone industry, *Procedia Engineering*. Elsevier B.V., 97, pp. 2147–2156.
- Jin-Liang, X., 2007, The Application of Analytic Hierarchy Process in Recruitment, *Journal of Shangluo University*, pp. 2.

- Karabasevic, D., Stanujkic, D., Urosevic, S. dan Maksimovic, M., 2015, Selection of candidates in the mining industry based on the application of the SWARA and the MULTIMOORA methods, *Acta Montanistica Slovaca*, 20(2), pp. 116–124.
- Karim, R. and Karmaker, C. L., 2016, Machine Selection by AHP and TOPSIS Methods, *American Journal of Industrial Engineering*, 4(1), pp. 7–13.
- Kaur, S., Sehra, S. K. and Sehra, S. S., 2017, A framework for software quality model selection using TOPSIS, *2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, RTEICT 2016 - Proceedings*. IEEE, pp. 736–739.
- Kelemenis, A., Ergazakis, K. dan Askounis, D., 2011, Support Managers' Selection Using an Extension of Fuzzy TOPSIS, *Expert Systems with Applications*. Elsevier Ltd, 38(3), pp. 2774–2782
- Keršulienė, V. and Turskis, Z., 2014, An Integrated Multi-criteria Group Decision Making Process: Selection of the Chief Accountant, *Procedia - Social and Behavioral Sciences*. Elsevier B.V., 110, pp. 897–904.
- Khamehchi, E., 2013, Gas Processing Journal Selection of the Best Efficient Method for Natural Gas Storage at High Capacities Using TOPSIS Method, *Journal of Gas Processing*, 1(1), pp. 9–18.
- Khorami, M. dan Ehsani, R., 2015, Application of Multi Criteria Decision Making approaches for personnel selection problem : A survey, *International Journal of Engineering Research and Applications*, 5(5), pp. 14–29.
- Koç, E. and Burhan, H. A., 2015, An Application of Analytic Hierarchy Process (AHP) in a Real World Problem of Store Location Selection, *Advances in Management & Applied Economics*, 5(1), pp. 41–50.

- Korkmaz, O., 2018, Personnel Selection Method Based on Topsis Multi-Criteria Decision Making Method, *2018 C-IASOS International Applied Social Sciences Conference Proceedings*, pp. 1–16.
- Kusumawardani, R. P. and Agintiara, M., 2015, Application of Fuzzy AHP-TOPSIS Method for Decision Making in Human Resource Manager Selection Process, *Procedia Computer Science*. Elsevier Masson SAS, 72, pp. 638–646
- Leal, J. E., 2020, AHP-express: A simplified version of the analytical hierarchy process method', *MethodsX*, 7(1), pp. 1-11.
- Lytvyn, V., Vysotska, V., Pukach, P., Bobyk, I. and Pakholok, B., 2016, A method for constructing recruitment rules based on the analysis of a specialist's competences, *Eastern-European Journal of Enterprise Technologies*, 6(2), pp. 1–14.
- McHugh, M. L., 2012, Interrater Reliability: The Kappa Statistic, *Biochemia Medica Journal*, 22(3), pp. 276-282.
- Mlačić, B. dan Goldberg, L. R., 2007, An analysis of a cross-cultural personality inventory: The IPIP big-five factor markers in Croatia, *Journal of Personality Assessment*, 88(2), pp. 168–177.
- Muddineni, V. P., Sandepudi, S. R. and Bonala, A. K., 2017, Finite control set predictive torque control for induction motor drive with simplified weighting factor selection using TOPSIS method, *IET Electric Power Applications*, 11(5), pp. 749–760.
- Nawzad, S. and Top, C., 2019, Using Ahp for the Recruitment System : a Case Study At Lafargeholcim Company in Kurdistan Region of Iraq, *International Journal of Economics, Commerce and Management*, VII(6), pp. 183–194
- Ngai, E. W. T. dan Chan, E. W. C., 2005, Evaluation of knowledge management tools

using AHP, *Expert Systems with Applications*, 29(4), pp. 889–899.

Patnaik, R., Anton, N. E. dan Stefanidis, D., 2020, A video anchored rating scale leads to high inter-rater reliability of inexperienced and expert raters in the absence of rater training, *American Journal of Surgery*. Elsevier Ltd, 219(2), pp. 221–226.

Perwira, R. I., Sofyan, H. dan Rustamaji, H. C., 2015, Aplikasi Pemilihan Operator Sumur Produksi Menggunakan Fuzzy Ahp Dan Fuzzy Topsis Di Pt. Geotama Energi', *Telematika*, 12(1), pp. 1–10.

Petridis, K., Drogalas, G. dan Zografidou, E., 2019, Internal auditor selection using a TOPSIS/non-linear programming model, *Annals of Operations Research Journal*, Springer US, pp. 1-27.

Plebankiewicz, E. and Kubek, D., 2016, Multicriteria selection of the building material supplier using AHP and fuzzy AHP, *Journal of Construction Engineering and Management*, 142(1).

Pramanik, D. and Haldar, A., 2014, Design of Fuzzy Decision Support System (FDSS) in Employee Recruitment, *International Journal of Emerging Technology and Advanced Engineering*, 4(2), pp. 1891–1903

Putra, M. G. L., Ariyanti, W. and Cholissodin, I., 2016, Selection and Recommendation Scholarships Using AHP-SVM-TOPSIS, *Journal of Information Technology and Computer Science*, 1(1), p. 1.

Quezada, L. E. and López-Ospina, H. A., 2014, A method for designing a strategy map using AHP and linear programming, *International Journal of Production*

Economics. Elsevier, 158, pp. 244–255.

Rahim, R., Supiyandi, S., Siahaan, A. P. U., Listyorini, T., Utomo, A. P., Triyanto, W. A., Irawan, Y., Aisyah, S., Khairani, M., Sundari, S. and Khairunnisa, K., 2018, TOPSIS Method Application for Decision Support System in Internal Control for Selecting Best Employees, *Journal of Physics: Conference Series*, 1028(1).

Ramanathan, R. dan Ganesh, L. S., 1994, Group preference aggregation methods employed in AHP: An evaluation and an intrinsic process for deriving members' weightages, *European Journal of Operational Research*, 79(2), pp. 249–265.

Rianto, R., Setyohadi, D. B. and Suyoto, S., 2018, AHP-TOPSIS on Selection of New University Students and the Prediction of Future Employment, *Proceedings - 2017 1st International Conference on Informatics and Computational Sciences, ICICoS 2017*, 2018-January, pp. 125–130

Rozi, M. F., Santoso, E. dan Furqon, M. T., 2019, Sistem Pendukung Keputusan Penerimaan Pegawai Baru menggunakan Metode AHP dan TOPSIS, *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 3(9), pp. 8361–8366.

Saaty, T. L., 1988, What is the Analytic Hierarchy Process?, *Mathematical Models for Decision Support Journal*, 1(1), pp. 109-121

Samanlioglu, F., Taskaya, Y. E., Gulen, U. C. and Cokcan, O., 2018, A Fuzzy AHP–TOPSIS-Based Group Decision-Making Approach to IT Personnel Selection, *International Journal of Fuzzy Systems*. Springer Berlin Heidelberg, 20(5), pp. 1576–1591.

Sang, X., Liu, X. and Qin, J., 2015, An Analytical Solution to Fuzzy TOPSIS and its Application in Personnel Selection for Knowledge-Intensive Enterprise, *Applied Soft Computing Journal*. Elsevier B.V., 30, pp. 190–204

- Santika, P. P. dan Handika, I. P. S., 2019, SISTEM PENDUKUNG KEPUTUSAN PENERIMAAN KARYAWAN DENGAN METODE AHP TOPSIS (Studi Kasus: PT. Global Retailindo Pratama)', *Journal of Science and Information Technology (SINTECH)*, 2(1), pp. 1–9.
- Schmitt, N., 2014, Personality and Cognitive Ability as Predictors of Effective Performance at Work, *Journal of Personality and Cognitive Ability*, 1(1), pp. 45-65.
- Setiawan, D. A., Riki, R. and Giap, Y. C., 2018, Design of Acceptance Decision Support System for New Employees in the Technician Position Using AHP and TOPSIS Methods at CV. Techindo Global Solution, *Komunitas Dosen Indonesia*, 1(2), pp. 21–29.
- Setiawan, F. I., Adiningsih, A. R., Widayat, W. dan Wijayanto, F., 2012, Pengembangan sistem informasi manajemen rekrutmen asisten laboratorium, *Seminar Nasional Aplikasi Teknologi Informasi 2012 (SNATI, 2012)*, 1(1), pp. 1–5.
- Sigit, H. T. dan Friyansyah, T. R. O., 2019, Sistem Seleksi Relawan Tenaga Pengajar Menggunakan Metode Topsis, *Jurnal Sistem Informasi*, 6(2), pp. 12-17.
- Simon, J., Abdulkadir, A., Ali, A. dan Henry, A. S., 2019, Analytical Hierarchy Process (AHP) Model for Prioritizing Alternative Strategies for Malaria Control, *Asian Journal of Probability and Statistics*, 5(1), pp. 1–8.
- Solso, R. L., MacLin, M. K. and MacLin, O. H., 2005, *Cognitive Psychology (7th ed)*, Pearson Education, New Zealand
- Stanujkic, D., Djordjevic, B. dan Karabasevic, D., 2015, Selection of candidates in the process of recruitment and selection of personnel based on the SWARA and ARAS methods, *Quaestus Multidisciplinary Research Journal*, 7(1), pp. 53–

64.

Stević, Ž., Vesković, S., Vasiljević, M. and Tepić, G., 2015, The selection of the logistics center location using AHP method, *2nd Logistics International Conference Proceedings*, Serbia, pp. 86–91.

Suroso, A. and Setyawatie, M. O., 2016, Aplikasi Penerimaan Karyawan Baru Dengan Metode Topsis Pada Pt. Globalnine Indonesia, *Jurnal Teknologi Terpadu*, 2(1), pp. 1–9.

Tavana, M., Keramatpour, M., Santos-Arteaga, F. J. and Ghorbaniane, E., 2015, A fuzzy hybrid project portfolio selection method using Data Envelopment Analysis, TOPSIS and Integer Programming, *Expert Systems with Applications*. Elsevier Ltd, 42(22), pp. 8432–8444.

Thakre, T. A., Chaudhari, O. K. and Dhawade, N. R., 2017, Recruitment of personnel in a bank using AHP-FLP model, *Advances in Modelling and Analysis A*, 54(3), pp. 407–423.

Toloie-Eshlaghy, A. dan Homayonfar, M., 2011, MCDM methodologies and applications: a literature review from 1999 to 2009, *Research Journal of International Studies*, 21(21), pp. 86–137.

Triantaphyllou, E., 2000, *Multi-criteria Decision Making Methods in Multi-criteria decision making methods: A comparative study*, Springer, Boston, MA.

Varmazyar, M. and Nouri, B., 2014, A fuzzy AHP Approach for Employee Recruitment, *Decision Science Letters*, 3(1), pp. 27–36

Vatansever, K. and Oncel, M., 2014, an Implementation of Integrated Multi-Criteria Decision Making Techniques for Academic Staff Recruitment, *Journal of Management, Marketing and Logistics*, 1(2), pp. 111–126.

- Venkatesh, V. G., Rameshwar, D., Joy, P., Thomas, M., Vijeesh, V. and Moosa, A., 2015, Supplier selection in blood bags manufacturing industry using TOPSIS model, *International Journal of Operational Research*, 24(4), pp. 461–488.
- Widiputri, T. A. dan Widjaja, A., 2019, Sistem Penunjang Keputusan Rekrutmen Karyawan Dengan Metode Analytical Hierarchy Process (Ahp) Dan Techique for Order Preference By Similarity To Ideal Solution (Topsis) Pada Hotel Holiday Inn Express Jiexpo, 2(2), pp. 243–250.
- Wijaya, I. G. K. G. P., Putra, I. M. S. dan Putri, N. M. D. K., 2017, Sistem Pendukung Keputusan Recruitment Karyawan Baru dengan Metode Profile Matching di PT Aqualine, *Konferensi Nasional Sistem dan Informatika*, 1(1), pp. 826–835.
- Yazdani, M. and Payam, A. F., 2015, A comparative study on material selection of microelectromechanical systems electrostatic actuators using Ashby, VIKOR and TOPSIS, *Materials and Design*. Elsevier Ltd, 65, pp. 328–334.
- Yin, W. H. and Huang, R. R., 2012, Comprehensive Application of Hierarchy Analytic Process to Enterprise Employee Recruitment, *Journal of Chongqing Technology and Business University (Natural Science Edition)*, pp. 6.
- Zulfikar, W. B., Wahana, A., Maylawati, D. S., Taufik, I. and Hodijah, H. S., 2018, An approach for teacher recruitment system using simple additive weighting and TOPSIS, *2018 3rd Annual Applied Science and Engineering Conference Proceedings (AASEC 2018)*, 434(1), pp. 1-8.