DAFTAR PUSTAKA

Aarts, E. H., & Korst, J. H. (1988). Simulated annealing and Boltzmann machines: A stochastic approach to combinatorial optimization and neural computing. Wiley.

Abdelkareem, Z. A., Amir, A., Al-Betar, M. A., Ekhan, P., & Hammouri, A. I. (2021). Healthcare scheduling in optimization context: a review. *Health and Technology.* Vol 11. No. 3 pp 445-469.

Abdeljaoued, M. A., Saadani, N. E. H., & Bahroun, Z. (2020). Heuristic and metaheuristic approaches for parallel machine scheduling under resource constraints. *Operational Research*, Vol. 20, pp 2109-2132.

Achmad, S., Wibowo, A., & Diana, D. 2021. Ant colony optimization with semi random initialization for nurse rostering problem. *Computation Challenges for Engineering Problems.* Vol. 12 No. 31.

Adoly, A. A., Gheith, M., Fors, M. N. (2018). A new formulation and solution for the nurse scheduling problem: A case study in Egypt. *Alexandria Engineering Journal.* Vol. 57 pp 2289-2298.

Agrawal, D., Pang, G., & Kumara, S. (2023). Preference based scheduling in a healthcare provider network. *European Journal of Operational Research.* Vol. 307 No. 3 pp (1318-1335)

Alade, O. M., & Amusat, A. O. (2019). Solving nurse scheduling problem using constraint programming technique. *arXiv preprint arXiv:1902.01193*.

Athmani, M. E., Arbaoui, T., Mimene, Y., & Yalaoui, F. (2022). Efficient heuristics and metaheuristics for the unrelated parallel machine scheduling problem with release dates and setup times. *Proceedings of the Genetic and Evolutionary Computation Conference* (pp. 177-185).

Ayoughi, A., Zhang, C., Okeleke, S., Li, S., Xin, W., Yue, Y., Aibin, A., & Aibin, M. (2024). Dragonfly Algorithm Application for Solving the Nurse Scheduling Problem. *International Conference on Computing, Networking and Communications (ICNC)*, Big Island, HI, USA, 2024, pp. 39-43.

Baker, K. R., & Trietsch, D. (2018). Principles of sequencing and scheduling 2nd Eddition. John Wiley &. Sons.

Bateni, S., Jafari, H., Daneshvar, P. (2016). Fuzzy Mathematical Modeling Approach for The Nurse Scheduling Problem: A Case Study. *International Journal Fuzzy System.* Vol. 18 pp 320-332.

Behmanesh, R., Rahimi, I., Zandieh, M., & Gandomi, A. H. (2020). Advanced ant colony optimization in healthcare scheduling. *Evolutionary Computation in Scheduling*, 37-72.

Behnamian, J., & Panahi, A. (2023). Harmony Search Algorithm for Stochastic Operating Room Scheduling Considering Overhead Costs and Number of Surgeries. *International Journal of Industrial Engineering & Production Research*, *34*(2), 1-19.

Bridges, P., Griffiths, E., Oliver, & R. M. Pickering. (2019). Hospital nurse staffing and staff-patient interactions: an observational study. *BMJ Quality & Safety*, vol. 28, no. 9, pp. 706–713.

Ceschia, S., Guido, R., & Schaerf, A. (2020). Solving the static inrc-ii nurse rostering problem by simulated annealing based on large neighborhoods. *Ann Oper Res*. Vol 288 Pp 95–113.

Cetin Yagmur, E., & Sarucan, A. (2019). Nurse scheduling with opposition-based parallel harmony search algorithm. *Journal of Intelligent Systems*, *28*(4), 633-647.

Chahyadi, F., Azhari, Kurniawan, H. (2018). Hospital Nurse Scheduling Optimization Using Simulated Annealing and Probabilistic Cooling Scheme. *Indonesian Journal of Computing and Cybernetics System.* Vol. 12 No. 1 pp 21-32.

Dall'Ora, C., Ball, J., Recio-Saucedo, A., & Griffiths, P. (2016). Characteristics of shift work and their impact on employee performance and wellbeing: A literature review. *International Journal of Nursing Studies*, 57, 12-27.

Delahaye, D., Chaimatanan, S., & Mongeau, M. (2018). Simulated Annealing: From Basics to Applications. *International Series in Operations Research & Management Science*. Vol 272, pp 1–35.

Dessler, G. (2021). Human Resource Management. Pearson.

Euchi, J., Masmoudi M. & Siarry, P. (2022). Home health care routing and scheduling problems: a literature review. *4OR-Q J Oper Res*. vol. 20 No 3, pp 351-389.

Evangeline, R. C., & Angel, R. E. P. (2023). A Novel Approach for Flexible Nurse Rostering Allotment Using the Nature Inspiration Bee Colony Optimization (BCO) Algorithm. *SN Computer Science*, *4*(5), 612.

Hadwan, M. (2022). Annealing Harmony Search Algorithm to Solve the Nurse Rostering Problem. *Computers, Materials & Continua.* Vol 71. No. 3 pp. 5545-5559.

Hadwan, M., Ayob, M., Rassam, M. A., & Hezam, E. A. (2019). Deluge harmony search algorithm for nurse rostering problems. *First International Conference of Intell Comp Eng (ICOICE)*. Pp 1–5.

Hall, R. (2012). Handbook of Healthcare System Scheduling. Springer: New York.

Hartog, S. J. M., Hoogeveen, H., & Zanden, T. C. (2023). On the complexity of Nurse Rostering problems. *Operations Research Letters.* Vol 51 pp 483-487.

Heizer, J & Render, B. (2015). Manajemen Operasi : Manajemen. Keberlangsungan dan Rantai Pasokan, edisi 11. Salemba Empat Jakarta.

Hillier, F. & Lieberman, G. (2021). Introduction to Operations Research, 11th Edition. McGraw-Hill Education.

Jafari, H., & Salmasi, N. (2015). Maximizing The Nurse's Preference in Nurse Scheduling Problem: Mathematical Modeling and A Metaheuristic Algorithm. *Journal of Industrial Engineering International.* Vol. 11 pp 439-458.

Khanduja, N., Bhushan, B. (2021). Recent Advances and Application of Metaheuristic Algorithms: A Survey (2014–2020). *Metaheuristic and Evolutionary Computation: Algorithms and Applications.* Vol 916 pp 207-228.

Kirkpatrick, S., Gelatt Jr, C. D., & Vecchi, M. P. (1983). Optimization by simulated annealing. Science, 220(4598), 671-680

Knust, F., & Xie, L. (2019). Simulated annealing approach to nurse rostering benchmark and real-world instances. *Annals of Operations Research*, *272*(1-2), 187-216.

Kundu, S., Maity, S., & Acharyya, S. (2020). Performance of Simulated Annealing Variants to Solve Nurse Scheduling Problem Incorporating Preference List and Stable Marriage. *Grenze International Journal of Engineering & Technology (GIJET)*, *6*(2).

Liu, Z., Liu, Z., Zhu, Z., Shen, Y., Dong, J. (2018). Simulated annealing for a multi-level nurse rostering problem in hemodialysis service. *Applied Soft Computing*. Vol. 64 pp 148-160.

Mahariani, Y. R. (2022). Implementasi Firefly Algorithm Pada Penjadwalan Pasien Operasi. *Jurnal Ilmiah Penelitian dan Pembelajaran Informatika.* Vol. 7 No. 2. Pp. 602-607.

Marć, A., Bartosiewicz, J., Burzyńska, Z. Chmiel, & Januszewicz, P. (2019). A nursing shortage—a prospect of global and local policies. *International Nursing Review*. vol. 66, no. 1, pp. 9–16.

Martin, E., Cervantes, A., Saez, Y., & Isasi, P. (2020). IACS-HCSP: Improved ant colony optimization for large-scale home care scheduling problems. *Expert systems with applications*, *142*, 112994.

Mehdi, K. P. (2017). Encyclopedia of Information Science and Technology. IGI Global.

Milkovich, G. T., Newman, J. M., & Gerhart, B. (2021). Compensation. McGraw-Hill Education.

Morton. C. Thomas , Pentico and David, W, (1993). "Heuristic Scheduling System. With Application to Production System and Project Management", John Wiley & Son, Inc, New York

Moser, M., Musliu, N., Schaerf, A., Winter, F. (2022). Exact and metaheuristic approaches for unrelated parallel machine scheduling. *Journal of Scheduling.* Vol. 25, pp 507–534.

Muklason, A. , Kusuma, SDR , Riksakomara, E. , Premananda, IGA , Anggraeni, W. , Mahananto, F. , & Tyasnurita, R. (2024). Solving Nurse Rostering Optimization Problem using Reinforcement Learning - Simulated Annealing

with Reheating Hyper-heuristics Algorithm . *Procedia Computer Science* , *234* , 486-493.

Muniyan, R., Ramalingan, R., Alshamrani, S. S., Gangodkar, D., Dumka, A., Singh, R., Gehlot, A., & Rahsid, M. (2022). Artificial Bee Colony Algorithm with Nelder–Mead Method to Solve Nurse Scheduling Problem. *Mathematics.* Vol. 7 pp 1-24.

Murwato, S. A., Shahab, A. (2020). Nurse Scheduling Optimation with Various Assignment Pattern at ABC Hospital Using Goal Programming Method. *IPTEK Journal of Proceedings Series.* No. 3 pp 284-288.

Napalit, A. P., & Ballera, M. A. (2023). Optimizing a schedule using firefly algorithm with Tabu search algorithm. In *AIP Conference Proceedings*. Vol. 2508, No. 1

Nobil, A. H., Sharifnia, S. M. E., & Cardenas, L. E. (2022). Mixed integer linear programming problem for personnel multi-day shift scheduling: A case study in an Iran hospital. *Alexandria Engineering Journal.* Vol 61 pp 419-426.

Osogami, T., & Imai, H. (2000). Classification of various neighborhood operations for the nurse scheduling problem. In *International Symposium on Algorithms and Computation* (pp. 72-83).

Oterio-Caicedo, R., Casas, C. E. M., Jaimes, C. B., Garzon, C. F. G., Vergel, E. A. Y., Valdes, J. C. Z. (2023). A preventive–reactive approach for nurse scheduling considering absenteeism and nurses' preferences. *Operation Research for Health Care.* Vol. 38 pp 1-15

Pavinee, R., Huynh, V., Olapiriyakul, S., & Supnithi T. (2020). A Goal Programming Approach to Nurse Scheduling with Individual Preference Satisfaction. *Mathematical Problems in Engineering.* Vol, 2020 pp 1-11.

Pemkab Banyumas. 2020. Profil RSUD Ajibarang.

Peyro, L. F. (2020). Models and an exact method for the Unrelated Parallel Machine scheduling problem with setups and resources. *Expert Systems with Application: X.* Vol 5, pp 1-15.

Pinedo, M. L. (2022). Scheduling: Theory, Algorithms, and Systems 6th Edition. New Jersey : Springer

Petrovic. 2019. "You have to get wet to learn how to swim" applied to bridging the gap between research into personnel scheduling and its implementation in practice. *Annals of Operations Research*. vol. 275, no. 1, pp. 161–179.

Rajeswari, M., Amudhavel, J., Pothula, S., & Dhavachelvan, P. (2017). Directed bee colony optimization algorithm to solve the nurse rostering problem. *Comp Intell Neurosci*. Vol. 2017 pp 1-26

Ramadhani, I. A. & Rizal, Y. (2023). Optimasi Penjadwalan Perawat IGD RSUD Arosuka dengan Metode 0-1 Fuzzy Goal Programming. *Journal of Mathematics UNP*. Vol. 8 No. 2 pp 81-92

Ramli, R., Ahmad, S. N. I., Abdul-Rahman, S., & Wibowo, A. (2020). A tabu search approach with embedded nurse preferences for solving nurse rostering problem. *International Journal for Simulation and Multidisciplinary Design Optimization*, Vol. 11, No. 10.

Rizany, I., Hariyati, Rr. T. S., Afifah, E., & Rusdiyansyah. (2019). The Impact of Nurse Scheduling Management on Nurses' Job Satisfaction in Army Hospital: A Cross-Sectional Research. *SAGE Open*, Vol. 9 No. 2.

Roijen, E., V. (2023). ncorporating nurse preferences in the Nurse Scheduling Problem. Master's Thesis from Erasmus University Rotterdam.

Santosa, B & Willy, P. (2011). Metoda Metaheuristik : Konsep Dan Implementasi. Surabaya: Guna Widya.

Schrack, J., Ortega, R., Dabu, K., Truong, D., Aibin, M., & Aibin, A. (2021). Combining Tabu Search and Genetic Algorithm to Determine Optimal Nurse Schedules. In *2021 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE)*. pp. 1-7.

Silalahi, R., Lydia, A., Natalia, C., & Prasetya, W. (2022). Penjadwalan Perawat Berdasarkan Minimasi Pelanggaran Peraturan Dan Minimasi Biaya Lembur. *Jurnal Metris*. Vol. 23 pp 74-81.

Srinath, N., Yilmazlar, I. O., Kurz, M. E., & Taaffe, K. (2023). Hybrid multi-objective evolutionary meta-heuristics for a parallel machine scheduling problem with setup times and preferences. *Computers & Industrial Engineering*, Vol. 185.

Taha, H.A. (2016) Operations Research: An Introduction. 10th Edition, Pearson.

Vakil, M. & Navarbaf, A. (2008). A Modified Very Fast Simulated Annealing Algorithm. *Internatioal Symposium on TelecommunicationS.* Vol. 8 PP 61-66.

Vermuyten, H., Rosa, J. N., Marques, I., Belien, J. & Barbosa, A. (2018). Integrated staff scheduling at a medical emergency service : An optimisation approach. *Expert Systems With Applications.* Vol. 112 pp 62-76.

Woodcock, E. (2022). Barriers to and Facilitators of Automated Patient Self-scheduling for Health Care Organizations: Scoping Review. *Journal of Medical Internet Research.* Vol 24 No. 1

Xu, Y., & Wang, X. (2022). A hybrid integer programming and artificial bee colony algorithm for staff scheduling in call centers. *Computers & Industrial Engineering*, *171*, 108312.

Yilmaz, E. (2012). A Mathematical Programming Model for Scheduling of Nurses's Labor Shift. *Journal Medical System.* Vol. 36 pp 491-496.

Yip W. C. M., Hsiao W. C., Chen W., Hu S., Ma J., Maynard A. (2020). Health care policy in east asia: a world scientific reference. *Health Care System Reform and Policy Research in China* . Vol 1 pp 51–83.

Zhao, Z., Liu, S., Zhou, M., Guo, X., & Qi, L. (2020). Decomposition Method for New Single-Machine Scheduling Problems From Steel Production Systems. *IEEE Transactions on Automation Science and Engineering*. Vol. 17, No. 3, pp. 1376-1387

Zunaedi, R., Melaniani, S., & Ahsan. (2020). Assessment of The Characteristics of Nurse Scheduling in Hospital Ward. *STRADA Jurnal Ilmiah Kesehatan.* Vol. 9 No. 2 pp 1755-1762.