

## DAFTAR PUSTAKA

- Al'Aziz, M.J., Irianto, B.G. and Kholiq, A. (2021) 'Infant Warmer Equipped with Digital Weight Scales', *Jurnal Teknokes*, 14(2). Available at: <https://doi.org/10.35882/teknoke.v14i2.4>.
- Alebel, A. *et al.* (2020) 'Neonatal mortality in the neonatal intensive care unit of Debre Markos referral hospital, Northwest Ethiopia: A prospective cohort study', *BMC Pediatrics*, 20(1). Available at: <https://doi.org/10.1186/s12887-020-1963-z>.
- Almannai, M., Marom, R. and Reid Sutton, V. (2016) 'Newborn screening: A review of history, recent advancements, and future perspectives in the era of next generation sequencing', *Current Opinion in Pediatrics*. Lippincott Williams and Wilkins, pp. 694–699. Available at: <https://doi.org/10.1097/MOP.0000000000000414>.
- Baghel, D.K., Sinha, S.L. and Dewangan, S.K. (2021) 'Numerical assessment of heat transfer coefficient for preterm infant nursed under a radiant warmer', *Heat Transfer*, 50(5), pp. 4708–4728. Available at: <https://doi.org/10.1002/htj.22097>.
- Batra, Usha. (2014) *Souvenir of the 2014 IEEE International Advance Computing Conference (IACC) : February 21-22, 2014 : Gurgaon, India*. IEEE.
- Bluhm, N.D.P. *et al.* (2024a) 'Preclinical validation of NeoWarm, a low-cost infant warmer and carrier device, to ameliorate induced hypothermia in newborn piglets as models for human neonates', *Frontiers in Pediatrics*, 12. Available at: <https://doi.org/10.3389/fped.2024.1378008>.
- Bluhm, N.D.P. *et al.* (2024b) 'Preclinical validation of NeoWarm, a low-cost infant warmer and carrier device, to ameliorate induced hypothermia in newborn piglets as models for human neonates', *Frontiers in Pediatrics*, 12. Available at: <https://doi.org/10.3389/fped.2024.1378008>.
- Bluhm, N.D.P. *et al.* (2024c) 'Preclinical validation of NeoWarm, a low-cost infant warmer and carrier device, to ameliorate induced hypothermia in newborn piglets as models for human neonates', *Frontiers in Pediatrics*, 12. Available at: <https://doi.org/10.3389/fped.2024.1378008>.
- Chardon, K. *et al.* (2006) 'Thermoregulatory control of feeding and sleep in premature infants', *Obesity*, 14(9), pp. 1535–1542. Available at: <https://doi.org/10.1038/oby.2006.177>.
- Dey, K. and Deb, U.K. (2021) 'Modeling and Simulation of Heat Transfer Phenomenon from Infant Radiant Warmer for a Newborn Baby', *Open Journal of Modelling and Simulation*, 09(02), pp. 111–123. Available at: <https://doi.org/10.4236/ojmsi.2021.92007>.

- Dursun, S.K. *et al.* (2024) ‘Assessment of carrier agents in terms of physicochemical, energy analyses and bioactive constituents of blackberry (*Rubus fruticosus* L.) powder processed by convective and hybrid drying methods’, *Heat and Mass Transfer* [Preprint]. Available at: <https://doi.org/10.1007/s00231-024-03516-6>.
- Faruq, A. *et al.* (2021) ‘Flood Disaster and Early Warning: Application of ANFIS for River Water Level Forecasting’, *Kinetik: Game Technology, Information System, Computer Network, Computing, Electronics, and Control*, pp. 1–10. Available at: <https://doi.org/10.22219/kinetik.v6i1.1156>.
- Fauzi, E.R., Maharesi, A. and Setiyadi, N.A. (2023) ‘Implementation of IoT of an Electric Infant Warmer to Prevent Hypothermia in Newborns’, *Journal of Robotics and Control (JRC)*, 4(4). Available at: <https://doi.org/10.18196/jrc.v4i4.18539>.
- Fendrychová, J. (2019) ‘Adapted clinical practice guideline: thermal management in newborn babies’, *Pediatrie pro Praxi*, 20(5). Available at: <https://doi.org/10.36290/ped.2019.067>.
- Glenn, T. *et al.* (2021) ‘Improving thermoregulation in transported preterm infants: a quality improvement initiative’, *Journal of Perinatology*, 41(2), pp. 339–345. Available at: <https://doi.org/10.1038/s41372-020-0732-z>.
- Jallad, J. and Badran, O. (2024) ‘Firefly algorithm tuning of PID position control of DC motor using parameter estimator toolbox’, *Bulletin of Electrical Engineering and Informatics*, 13(2), pp. 916–929. Available at: <https://doi.org/10.11591/eei.v13i2.6216>.
- Jin, A. *et al.* (2020) ‘Design of temperature control system for infant radiant warmer based on Kalman filter-fuzzy PID’, in *Journal of Physics: Conference Series*. IOP Publishing Ltd. Available at: <https://doi.org/10.1088/1742-6596/1684/1/012140>.
- Kaufman, R. (2024) ‘The first and second laws of thermodynamics are logically equivalent’, *International Journal of Mechanical Engineering Education* [Preprint]. Available at: <https://doi.org/10.1177/03064190231226358>.
- Kustini Kustini and Ayu Erisnawati (2022) ‘The Effectiveness of Early Initiation of Breastfeeding (IMD) in Reducing the Incidence of Hypothermia in Newborn at Ngimbang Lamongan Hospital in 2021’, *EMBRI*, 14(1), pp. 46–52. Available at: <https://doi.org/10.36456/embrio.v14i1.4155>.
- Latif, A. *et al.* (2021) ‘Temperature and humidity controlling system for baby incubator’, *Journal of Robotics and Control (JRC)*, 2(3), pp. 190–193. Available at: <https://doi.org/10.18196/jrc.2376>.
- Li, T., Wang, Z. and Wang, N. (2011) *Temperature Field Analysis and Process Control Strategies for MgO Single Crystal Production Using Adaptive Neuro-Fuzzy Inference System*, *The Open Materials Science Journal*.

- Maghfiroh, A.M. *et al.* (2022) ‘Infant Warmer with Digital Scales for Auto Adjustment PID Control Parameters’, *Jurnal Teknokes*, 15(2). Available at: <https://doi.org/10.35882/jteknoke.v15i2.246>.
- Majid, A. *et al.* (2022) ‘Comparative Analysis of PID and Fuzzy Temperature Control System on Infant Warmer (Control PID)’, *Journal of Electronics, Electromedical Engineering, and Medical Informatics*, 4(4), pp. 223–228. Available at: <https://doi.org/10.35882/ijahst.v4i4.257>.
- Nurjayadi (2015) *Implementasi Neuro Fuzzy dalam Proses Belajar Mengajar untuk Meningkatkan Prestasi Mahasiswa*. Available at: <https://doi.org/https://doi.org/10.33372/stn.v1i2.29>.
- Mardianto, M.S. *et al.* (2019) ‘Infant Incubator Temperature Controlled and Infant Body Temperature Monitor using Arduino Mega2560 and ADS1232’, *International Journal of Computer Techniques*, 6(6). Available at: <https://doi.org/10.29126/23942231/IJCT-V6I6P6>.
- Moler, C. and Little, J. (2020) ‘A history of MATLAB’, *Proceedings of the ACM on Programming Languages*, 4(HOPL). Available at: <https://doi.org/10.1145/3386331>.
- Mufaâ€™ary, N.I., Sudiharto, I. and Murdianto, F.D. (2021) ‘Comparison of FLC and ANFIS Methods to Keep Constant Power Based on Zeta Converter’, *INTEK: Jurnal Penelitian*, 8(1), pp. 21–29. Available at: <https://doi.org/10.31963/intek.v8i1.2701>.
- Nahimana, E. *et al.* (2019) ‘A low cost, re-usable electricity-free infant warmer: evaluation of safety, effectiveness and feasibility’, *Public Health Action*, 8(4). Available at: <https://doi.org/10.5588/pha.18.0031>.
- Ozdemir, M., Erdogan, K. and Erogul, O. (2022) ‘Development of Radiant Warmer Thermal Monitoring System to Improve Neonatal Patient Safety’, *Journal of Intelligent Systems with Applications*, pp. 38–42. Available at: <https://doi.org/10.54856/jiswa.202205201>.
- Powell, C. (2019) ‘what is newborn screening’, *North Carolina Medical Journal* , 80(1), pp. 32–36. Available at: <https://doi.org/https://doi.org/10.18043/ncm.80.1.32>.
- Princewill, E. and Ene, C. (2019) ‘IMPROVING THE CONTROL OF PRETERM INFANT MASS SKIN TEMPERATURE USING ADAPTIVE NEURO FUZZY INFERENCE SYSTEM’, *International Journal of Research in Engineering & Science*, 3(3). Available at: <https://doi.org/10.13140/RG.2.2.33807.71845>.
- Ridhani, F.D. *et al.* (2022) ‘The Design of Infant Warmer with Simple Blue Light Therapy LED Addition’, *SANITAS: Jurnal Teknologi dan Seni Kesehatan*, 13(1), pp. 44–55. Available at: <https://doi.org/10.36525/sanitas.2022.5>.

- Romadhon, S. and Multi, A. (2023) ‘Design and Development of Real-Time Monitoring & Controlling Infant Incubator with Tilt Stabilizer Using Raspberry Pi Remotely Controlled via PC and Smartphone to Reduce Tilt during Baby Transfer’, *International Journal of Advanced Multidisciplinary*, 2(2). Available at: <https://doi.org/10.38035/ijam.v2i2>.
- SAdmuthe, S., HChile, D. and SAdmuthe, D. (2012) *Comparative analysis of Hybridization of Neuro-Fuzzy and Adaptive Neuro Fuzzy for Temperature Control in A Heat Exchanger*, *International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering*. Available at: [www.ijareeie.com](http://www.ijareeie.com).
- Sharma, I. and Singh, M. (2021) ‘Infant Warmer Design with PID Control for Stability and Equal Temperature Distribution Equipped with Digital Scales for Prevention of Hypothermia in Newborns’, *International Journal of Advanced Health Science and Technology*, 1(1). Available at: <https://doi.org/10.35882/ijahst.v1i1.2>.
- Del Sole, A. (2021) *Visual Studio Code Distilled: Evolved Code Editing for Windows, macOS, and Linux, Second Edition*, *Visual Studio Code Distilled: Evolved Code Editing for Windows, macOS, and Linux, Second Edition*. Available at: <https://doi.org/10.1007/978-1-4842-6901-5>.
- Strasberg, P. and Winter, A. (2021) ‘First and second law of quantum thermodynamics: A consistent derivation based on a microscopic definition of entropy’, *PRX Quantum*, 2(3). Available at: <https://doi.org/10.1103/PRXQuantum.2.030202>.
- Sudiharto, I. et al. (2022) ‘High Accuracy Electric Water Heater using Adaptive Neuro-Fuzzy Inference System (ANFIS)’, *Kinetik: Game Technology, Information System, Computer Network, Computing, Electronics, and Control* [Preprint]. Available at: <https://doi.org/10.22219/kinetik.v7i3.1453>.
- Sulistiyawati, N.P.E.B. et al. (2023) ‘The Effectiveness of the Kangaroo Method and Cloth Swaddling to Increase the Body Temperature of Newborns Baby and Prevent Hypothermia’, *Malahayati Nursing Journal*, 5(2). Available at: <https://doi.org/10.33024/mnj.v5i2.7872>.
- Tashildar, A. et al. (1262) ‘APPLICATION DEVELOPMENT USING FLUTTER’, *International Research Journal of Modernization in Engineering Technology and Science @International Research Journal of Modernization in Engineering*, 2(8), pp. 2582–5208. Available at: [www.irjmets.com](http://www.irjmets.com).
- Uwamariya, J. et al. (2021) ‘Safety and effectiveness of a non-electric infant warmer for hypothermia in Rwanda: A cluster-randomized stepped-wedge trial’, *EClinicalMedicine*, 34. Available at: <https://doi.org/10.1016/j.eclim.2021.100842>.

Villar, J. et al. (2014) *International standards for newborn weight, length, and head circumference by gestational age and sex: the Newborn Cross-Sectional Study of the INTERGROWTH-21 st Project*, [www.thelancet.com](http://www.thelancet.com). Available at: <http://www.thelancet.com>.

Yawichai, C., Morpanursery, M. and Teetuan, N. (2023) ‘A retrospective Comparison of Hypothermia Proportion Among Newborns Using General Postnatal Nursing Practice versus Baby Warm Practice Guideline’, *The Bangkok Medical Journal*, 19(02), pp. 104–110. Available at: <https://doi.org/10.31524/bkkmedj.2023.21.006>.