

## DAFTAR PUSTAKA

- [1] L. Kristoffersen *et al.*, “Early skin-to-skin contact or incubator for very preterm infants: Study protocol for a randomized controlled trial,” *BioMed Cent.*, vol. 17, no. 1, pp. 1–9, 2016, doi: 10.1186/s13063-016-1730-5.
- [2] F. Althabe *et al.*, *Born Too Soon The Global Action Report on Preterm Birth*. 2012.
- [3] H. Mittal, L. Mathew, and A. Gupta, “Design and Development of an Infant Incubator for Controlling Multiple Parameters,” *Int. J. Emerg. Trends Electr. Electron.*, vol. 11, no. 5, pp. 2320–9569, 2015.
- [4] R. Bahl, A. M. Gülmezoglu, A. Manu, M. Mathai, O. O. Were, and S. von Xylander, “WHO recommendations on interventions to improve preterm birth outcomes,” in *World Health Organization*, 2015, pp. 1–98.
- [5] C. Paternain Soler, *Prototyping a closed loop control system for a neonatal incubator*, 2009th ed. Aachen: HELMHOLTZ-INSTITUTE FOR BIOMEDICAL ENGINEERING, 2009.
- [6] J. Perez, F. Perez, S. Golombek, and A. Sola,

“Comparative Trial between Neonatal Intensive Care Incubator, Neonatal Laminar Flow Unit and Radiant Warmer,” *Res. Pediatr. Neonatol.*, vol. 1, no. 1, pp. 1–4, 2017, doi: 10.31031/rpn.2017.01.000504.

- [7] J. M. R. Perez, S. G. Golombek, C. Fajardo, and A. Sola, “A laminar flow unit for the care of critically ill newborn infants,” *Med. Devices Evid. Res.*, vol. 6, pp. 163–167, 2013, doi: 10.2147/MDER.S51270.
- [8] A. S. Utomo, A. B. Satrya, and Y. Tapparan, “Monitoring Baby Incubator Sentral Dengan Komunikasi Wireless,” *Simetris J. Tek. Mesin, Elektro dan Ilmu Komput.*, vol. 9, no. 1, pp. 225–230, 2018, doi: 10.24176/simet.v9i1.2081.
- [9] K. Al Sulaimi, W. Kartika, and K. Supriyadi, “Analisis Suhu Pada Analyzer Inkubator Bayi Berbasis Formula Mean,” *Med. Tek. J. Tek. Elektromedik Indones.*, vol. 1, no. 1, pp. 1–6, 2019, doi: 10.18196/mt.010101.
- [10] J. M. de Araújo, J. M. P. de Menezes, A. A. M. de Albuquerque, O. da M. Almeida, and F. M. U. de Araújo, “Assessment and Certification of Neonatal Incubator Sensors through an Inferential Neural

- Network,” *Sensors (Switzerland)*, vol. 13, no. 1, pp. 15613–15632, 2013, doi: 10.3390/s131115613.
- [11] IEC 60601-2-19, *Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators*. 2009.
- [12] Menteri Kesehatan Republik Indonesia, *PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA NOMOR 54 TAHUN 2015*, vol. 13, no. 3. 2015.
- [13] T. G. A, “Why Should We Have a Periodic Safety and Performance Program for Medical Devices,” *J Biomed Phys Eng*, vol. 9, no. 2, pp. 251–256, 2019.
- [14] F. Biomedical, *Incu™ II*, vol. 2. 2015.
- [15] Ozdemirçi Emre, Ö. Y. Meral, D. Fecir, and C. M. Rahmi, “Reliability assessments of infant incubator and the analyzer,” *Gazi Univ. J. Sci.*, vol. 27, no. 4, pp. 1169–1175, 2014.
- [16] G. T. Sen and M. Yuksekkaya, “Desing and Test of an Incubator Analyzer,” *ISMSIT 2018 - 2nd Int. Symp. Multidiscip. Stud. Innov. Technol. Proc.*, pp. 2–6, 2018, doi: 10.1109/ISMSIT.2018.8567049.
- [17] G. G. Subha and M.Fazilath, “INCUBATOR

ANALAYZER WITH AUTOMATIC SHUTTER OPENER,” *Int. J. Adv. Inf. Eng. Technol.*, vol. 5, no. 5, pp. 15–18, 2018, [Online]. Available: <http://www.tjyybjb.ac.cn/CN/article/downloadArticleFile.do?attachType=PDF&id=9987>.

- [18] A. Rajalakshmi, K. A. Sunitha, and R. Venkataraman, “A survey on neonatal incubator monitoring system,” in *Journal of Physics: Conference Series*, 2019, vol. 1362, no. 1, pp. 1–8, doi: 10.1088/1742-6596/1362/1/012128.
- [19] L. S. Rizka Nur Uswatun Nadziroh, Endang Dian Setiningsih, “Incubator Analyzer Portabel Tampil PC Via Bluetooth (Sensor Kelembapan, Sensor Kebisingan dan Sensor Aliran Udara),” in *Seminar Tugas Akhir Jurusan Teknik Elektromedik*, 2018, pp. 1–8.
- [20] Laily Nurrohmah, Dwi Herry Andayani, and Andjar Pudji, “Development of Incubator Analyzer Using Personal Computer Equiped With Measurement Certificate,” *J. Electron. Electromed. Eng. Med. Informatics*, vol. 2, no. 2, pp. 74–79, 2020, doi: 10.35882/jeeemi.v2i2.6.
- [21] I. K. N. Paramartha, T. Hamzah, B. Utomo, S.

- Luthfiyah, and E. ÖZDEMİRÇİ, “Lost Data and Transmission Speed Analysis on Incubator Analyzer Based IoT Technology,” *Int. J. Adv. Heal. Sci. Technol.*, vol. 2, no. 1, pp. 39–46, 2022, doi: 10.35882/ijahst.v2i1.7.
- [22] V. N. Azkiyak, S. Syaifudin, and D. Titisari, “Incubator Analyzer Using Bluetooth Android Display (Humidity & Air Flow),” *Indones. J. Electron. Electromed. Eng. Med. informatics*, vol. 1, no. 2, pp. 71–77, 2020, doi: 10.35882/ijeeemi.v1i2.5.
- [23] A. A. Charisa, B. Utomo, and S. Syaifudin, “Incubator Analyzer Portabel Berbasis Pemrograman Visual Dilengkapi Penyimpanan ke Sd Card,” *J. Teknokes*, vol. 12, no. 2, pp. 29–35, 2019, doi: 10.35882/teknokes.v12i2.5.
- [24] H. Nur, A. Samputri, and D. Titisari, “Incubator Analyzer Menggunakan Bluetooth Tampil Android ( Parameter Suhu dan Kebisingan ),” *JEEMI*, vol. 1, no. 1, pp. 1–6, 2019, doi: 10.1234/jeeemi.v1i1.9xx.
- [25] S. N. Indonesia and B. S. Nasional, *Peralatan elektromedik – Bagian 2-19 : Persyaratan khusus untuk keselamatan dasar dan kinerja esensial*

*inkubator infant*. 2014.

- [26] K. A. N. Guide, O. N. The, E. Of, and U. I. N. Measurement, *KAN GUIDE ON THE EVALUATION AND EXPRESSION OF*, no. 8. 2016.
- [27] V. Plangsangmas, S. Leeudomwong, and P. Kongthaworn, “Sound Pressure Level in an Infant Incubator,” *MAPAN - J. Metrol. Soc. India*, vol. 27, no. 4, pp. 199–203, 2012, doi: 10.1007/s12647-012-0030-0.
- [28] S. M. S. Cardoso, L. de C. Kozlowski, A. B. M. de Lacerda, J. M. Marques, and A. Ribas, “Newborn physiological responses to noise in the neonatal unit,” *Braz. J. Otorhinolaryngol.*, vol. 81, no. 6, pp. 583–588, 2015, doi: 10.1016/j.bjorl.2014.11.008.
- [29] F. Fernández Zacarías, J. L. Beira Jiménez, P. J. Bustillo Velázquez-Gaztelu, R. Hernández Molina, and S. Lubián López, “Noise level in neonatal incubators: A comparative study of three models,” *Int. J. Pediatr. Otorhinolaryngol.*, 2018, doi: 10.1016/j.ijporl.2018.02.013.
- [30] J. Neille, K. George, and K. Khoza-Shangase, “A study investigating sound sources and noise levels

- in neonatal intensive care units,” *SAJCH South African J. Child Heal.*, vol. 8, no. 1, pp. 6–10, 2014, doi: 10.7196/SAJCH.676.
- [31] J. C. Fortes-Garrido, A. M. Velez-Pereira, M. Gázquez, M. Hidalgo-Hidalgo, and J. P. Bolívar, “The characterization of noise levels in a neonatal intensive care unit and the implications for noise management,” *J. Environ. Heal. Sci. Eng.*, vol. 12, pp. 1–8, 2014, doi: 10.1186/2052-336X-12-104.
- [32] H. Shoemark, E. Harcourt, S. J. Arnup, and R. W. Hunt, “Characterising the ambient sound environment for infants in intensive care wards,” *J. Paediatr. Child Health*, vol. 52, no. 4, pp. 436–440, 2016, doi: 10.1111/jpc.13084.
- [33] A. Shimizu and H. Matsuo, “Sound Environments Surrounding Preterm Infants Within an Occupied Closed Incubator,” *J. Pediatr. Nurs.*, vol. 31, no. 2, pp. e149–e154, 2016, doi: 10.1016/j.pedn.2015.10.011.
- [34] D. H. S. B. B. Thomas L., *Guidelines for Community Noise*. 1999.
- [35] S. Ueki, H. Imamoto, K. Ando, T. Fujimori, and S. Sugiyama, “Development of Multi-functional

Sensor Module for Energy Saving Air Conditioner System,” in *DMEMS*, 2012, pp. 96–100, doi: 10.1109/dMEMS.2012.11.

- [36] B. Tian *et al.*, “SENSELET++: A Low-cost Internet of Things Sensing Platform for Academic Cleanrooms,” in *Proceedings - 2021 IEEE 18th International Conference on Mobile Ad Hoc and Smart Systems, MASS 2021*, 2021, pp. 90–98, doi: 10.1109/MASS52906.2021.00020.