

DAFTAR PUSTAKA

- [1] Brenda Desai and Uttam Chaskar, "Comparison of optical sensors for non-invasive hemoglobin measurment," in *International Conference on Electrical, Electronics, and Optimization Techniques*, 2016.
- [2] Boby Irfanudin Anwar, *Perancangan dan Implementasi Alat Pengukur Kadar Glukosa Dalam Darah Secara Non-Invasive Berbasis Arduino*. Bandung: Universitas Telkom, 2016.
- [3] Soumil Chugh and Jaskirat Kaur, "Non-Invasive Hemoglobin Monitoring Device," in *International Conference on Control, Communication, and Computing India*, Trivandrum, 2015.
- [4] Haiquan Ding, Qipeng Lu, Hongzhi Gao, and Zhongqi Peng, "Non-invasive Prediction of Hemoglobin Levels by Principal Component and Back Propagation Artificial Neural Network ,," in *Biomedical Optics Express*, Changcun, 2014.
- [5] Pricia Yelana Mallo, Sherwin A Sophie, Benefit S Narasiang, and Bahrun , "Rancang Bangun Alat Ukur Kadar Hemoglobin dan Oksigen Dalam Darah dengan Sensor Oximeter Secara Non-Invasive," , Manado, 2012.
- [6] R Beresford and S Kustrin Agatonovic, "Basic Concept of Artificial Neural Network (ANN) Modeling and Its Aplicatioon in Pharmaceutical research," *Journal of Pharmaceutical and Biomedical Analysis*, vol. 22, pp. 717 - 727, October 1999.
- [7] James M Keller, Derong Liu, and David B Fogel, *Fundamentals of Computational Intelligence*, Tariq Samad et al., Eds. New Jersey, United States of America: IEEE Press, 2016.
- [8] R Long James, G Gregoriou Vasilia, and J Gemperline Paul, "Spectroscopic Calibration and Quantitation Using Artificial Neural Network," *Analytical Chemistry*, vol. 62, pp. 1792 - 1797, September 1990.

- [9] Yasi Oktodiranto, *Perancangan dan Implementasi Sistem Pendekteksi Kadar Alkohol pada Mobil Berbasis Arduino Uno*. Bandung, Indonesia: Telkom University, 2017.
- [10] Santiago Lopez, "Pulse Oxymeter Fundamental and Design," Freescale Semiconductor, Application Note AN4327, 2012.
- [11] ATMEL. (2000) The Bluetooth Wireless Technology. Paper.
- [12] Hongwei Yuan, Gabriel Leen, and Elfed Lewis, "Effect of Autonomic Nervous System on the Quality of Non-Invasive Blood Diagnosis by PPG-based Sensor System," , Limerick, 2015.
- [13] K Budidha, T Y Abay, and P A Kyriacou, "Investigation of Photoplethysmography, Laser Doppler Flowmetry and Near Infrared Spectroscopy during induced thermal stress," 2015.
- [14] Raid Saleem Al-Baradie and Anandh Sam Chandra Bose, "Portable Smart Non-Invasive Hemoglobin Measurement System," in *System, Signal, and Devices*, Hammamet, 2013.
- [15] Affan Muhammad, *Rancang Bangun Sistem Pengukuran Kadar Hemoglobin Darah Berbasis Mikrokontroler*. Surabaya, Indonesia: Universitas Airlangga, 2012.