

DAFTAR PUSTAKA

- [1] M. K. Jena and I. A. Ansari, “Design of Wearable Health and Hazard Monitoring Device,” *Adv. Intell. Syst. Comput.*, vol. 1053, no. February, pp. 947–957, 2020, doi: 10.1007/978-981-15-0751-9_88.
- [2] V. Sai Harsha and U. Kumaran, “Ambulance calling system using heart rate sensor in smart band,” *Int. J. Innov. Technol. Explor. Eng.*, vol. 8, no. 9 Special Issue 4, pp. 193–196, 2019, doi: 10.35940/ijitee.I1129.0789S419.
- [3] M. A. Burhanuddin *et al.*, “The Design of Low-Cost Patient Monitor Based on Computer,” *Proc. - 2019 Int. Semin. Appl. Technol. Inf. Commun. Ind. 4.0 Retrospect. Prospect. Challenges, iSemantic 2019*, pp. 405–410, 2019, doi: 10.1109/ISEMANTIC.2019.8884346.
- [4] T. S. Sollu, Alamsyah, M. Bachtiar, and B. Bontong, “Monitoring System Heartbeat and Body Temperature Using Raspberry Pi,” *E3S Web Conf.*, vol. 73, pp. 3–7, 2018, doi: 10.1051/e3sconf/20187312003.

- [5] M. A. Hassan, A. S. Malik, D. Fofi, B. Karasfi, and F. Meriaudeau, "Towards health monitoring using remote heart rate measurement using digital camera: A feasibility study," *Meas. J. Int. Meas. Confed.*, vol. 149, p. 106804, 2020, doi: 10.1016/j.measurement.2019.07.032.
- [6] M. W. Alam, T. Sultana, and M. S. Alam, "A heartbeat and temperature measuring system for remote health monitoring using wireless body area network," *Int. J. Bio-Science Bio-Technology*, vol. 8, no. 1, pp. 171–190, 2016, doi: 10.14257/ijbsbt.2016.8.1.16.
- [7] I. Prayogo, R. Alfita, and K. A. Wibisono, "Sistem Monitoring Denyut Jantung Dan Suhu Tubuh Sebagai Indikator Level Kesehatan Pasien Berbasis Iot (Internet Of Thing) Dengan Metode Fuzzy Logic Menggunakan Android," *J. Tek. Elektro dan Komput. TRIAC*, vol. 4, no. 2, 2017, doi: 10.21107/triac.v4i2.3257.
- [8] N. J. Farin, S. M. A. Sharif, and I. Mobin, "An Intelligent Sensor Based System for Real Time Heart Rate Monitoring (HRM)," *Intell. Control Autom.*, vol. 07, no. 02, pp. 55–62, 2016, doi:

10.4236/ica.2016.72006.

- [9] C. Zhang, Y. Qiao, R. Li, and Z. Liu, “Design of ESP8266 in Environmental Monitoring System,” *OALib*, vol. 06, no. 07, pp. 1–6, 2019, doi: 10.4236/oalib.1105546.
- [10] W.-J. Yi and J. Saniie, “Patient Centered Real-Time Mobile Health Monitoring System,” *E-Health Telecommun. Syst. Networks*, vol. 05, no. 04, pp. 75–94, 2016, doi: 10.4236/etsn.2016.54007.
- [11] S. Nashif, M. R. Raihan, M. R. Islam, and M. H. Imam, “Heart Disease Detection by Using Machine Learning Algorithms and a Real-Time Cardiovascular Health Monitoring System,” *World J. Eng. Technol.*, vol. 06, no. 04, pp. 854–873, 2018, doi: 10.4236/wjet.2018.64057.
- [12] Eddy Riyanto, “Perancangan Pengukur Detak Jantung Dan Suhu Tubuh Berbasis Arduino Serta Smartphone Android,” *Naskah Publ. Ilm. Mhs. Univ. Muhammadiyah Surakarta*, p. 14, 2016.
- [13] M. A. Saputro, E. R. Widasari, and H. Fitriyah, “Implementasi Sistem Monitoring Detak Jantung dan Suhu Tubuh Manusia Secara Wireless,”

Pengemb. Teknol. Inf. Dan Ilmu Komput., vol. 1, no. 2, pp. 148–156, 2017.

- [14] K. Zeba, L. S. Patil, S. R. Gowda, R. Varsha, and S. C. K, “Real Time Heart Attack and Heart Rate Monitoring Android Application,” *Int. J. Comput. Sci. Mob. Comput.*, vol. 7, no. 4, pp. 115–124, 2018.
- [15] M. A. Pertiwi, I. D. Gede, H. Wisana, and S. Sukaphat, “Measurement of Heart Rate and Body Temperature Based on Android Platform,” *Indones. J. Electron. Electromed. Med. Informatics*, vol. 2, no. 1, pp. 26–33, 2020, doi: 10.35882/ijeemi.v2i1.6.
- [16] A. S. Utomo, E. H. P. Negoro, and M. Sofie, “Monitoring Heart Rate Dan Saturasi Oksigen Melalui Smartphone,” *Simetris J. Tek. Mesin, Elektro dan Ilmu Komput.*, vol. 10, no. 1, pp. 319–324, 2019, doi: 10.24176/simet.v10i1.3024.
- [17] N. A. B. A. Salam *et al.*, “The development of wireless heart rate and temperature monitoring system using bluetooth low energy,” *ARPN J. Eng. Appl. Sci.*, vol. 11, no. 10, pp. 6290–9295, 2016.
- [18] Y. Kukus, W. Supit, and F. Lintong, “Suhu Tubuh:

Homeostasis Dan Efek Terhadap Kinerja Tubuh Manusia,” *J. Biomedik*, vol. 1, no. 2, 2013, doi: 10.35790/jbm.1.2.2009.824.

- [19] S. Greenwalt, E. Bogue, A. Bologna, M. A. Bowden, L. Y. Goode, and R. Wolfe, “Accuracy of the iPhysioMeter Heart Rate Monitoring Application,” *OALib*, vol. 06, no. 02, pp. 1–9, 2019, doi: 10.4236/oalib.1105210.
- [20] A. Yousef *et al.*, “Heart rate monitoring in pigs using photo pethysmography (PPG) technology,” *Precis. Livest. Farming 2019 - Pap. Present. 9th Eur. Conf. Precis. Livest. Farming, ECPLF 2019*, pp. 842–850, 2019.
- [21] H. H. Rachmat and D. R. Ambasari, “Sistem Perekam Detak Jantung Berbasis Pulse Heart Rate Sensor pada Jari Tangan,” *ELKOMIKA J. Tek. Energi Elektr. Tek. Telekomun. Tek. Elektron.*, vol. 6, no. 3, p. 344, 2018, doi: 10.26760/elkomika.v6i3.344.
- [22] A. Suharjono, R. Apriantoro, M. Mukhlisin, A. P. Gamayuda, and A. Mahardika, “Performance evaluation of the sensors accuration on river monitoring system based-on heterogeneous

wireless sensor network,” *5Th Int. Conf. Ind. Mech. Electr. Chem. Eng. 2019 (Icimece 2019)*, vol. 2217, no. April, p. 030035, 2020, doi: 10.1063/5.0000501.

- [23] R. A. Koestoer, Y. A. Saleh, I. Roihan, and Harinaldi, “A simple method for calibration of temperature sensor DS18B20 waterproof in oil bath based on Arduino data acquisition system,” *AIP Conf. Proc.*, vol. 2062, 2019, doi: 10.1063/1.5086553.
- [24] I. Tazi, K. Triyana, and D. Siswanta, “A novel Arduino Mega 2560 microcontroller-based electronic tongue for dairy product classification,” *AIP Conf. Proc.*, vol. 1755, no. July, 2016, doi: 10.1063/1.4958605.
- [25] O. O. Akintade, T. K. Yesufu, and L. O. Kehinde, “Development of Power Consumption Models for ESP8266-Enabled Low-Cost IoT Monitoring Nodes,” *Adv. Internet Things*, vol. 09, no. 01, pp. 1–14, 2019, doi: 10.4236/ait.2019.91001.