

DAFTAR PUSTAKA

- [1] A. Rahman, T. Rahman, N. H. Ghani, S. Hossain, and J. Uddin, "IoT Based Patient Monitoring System Using ECG Sensor," in *2019 International Conference on Robotics, Electrical and Signal Processing Techniques (ICREST)*, 2019, pp. 378–382.
- [2] S. P. Preejith, R. Hajare, J. Joseph, and M. Sivaprakasam, "High altitude study on finger reflectance SpO₂," *2017 IEEE Int. Symp. Med. Meas. Appl. MeMeA 2017 - Proc.*, pp. 198–203, 2017, doi: 10.1109/MeMeA.2017.7985875.
- [3] World Health Organization, "Interim Guidance for Member States-On the Use of Pulse Oximetry in Monitoring Covid-19 Patients Under Home-Based Isolation and Care," no. April, 2021.
- [4] A. M. Luks and E. R. Swenson, "Pulse oximetry for monitoring patients with COVID-19 at home potential pitfalls and practical guidance," *Ann. Am. Thorac. Soc.*, vol. 17, no. 9, pp. 1040–1046, 2020, doi: 10.1513/AnnalsATS.202005-418FR.
- [5] F. Michard, K. Shelley, and E. L'Her, "COVID-19: Pulse oximeters in the spotlight," *J. Clin. Monit.*

- Comput.*, vol. 35, no. 1, pp. 11–14, 2021, doi: 10.1007/s10877-020-00550-7.
- [6] M. J. Tobin, F. Laghi, and A. Jubran, “Why COVID-19 silent hypoxemia is baffling to physicians,” *Am. J. Respir. Crit. Care Med.*, vol. 202, no. 3, pp. 356–360, 2020, doi: 10.1164/rccm.202006-2157CP.
- [7] E. Kartini, H. Torib, and M. P. Assalim, “Fingerstip Pulse Oxymeter Tampil Pc (Bpm),” pp. 1–8, 2015.
- [8] C. Engineering, P. Oximeter, B. R. Pant, S. Neupane, S. Gautam, and S. Thapa, “Tribhuvan university,” no. December, 2006.
- [9] E. Riyanto, “Perancangan Pengukur Detak Jantung Dan Suhu Tubuh Berbasis Arduino Serta Smartphone Android,” *Naskah Publ. Ilm. Mhs. Univ. Muhammadiyah Surakarta*, p. 18, 2016.
- [10] 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.
- [11] M. A. Pertiwi, I. D. Gede Hari Wisana, T. Triwiyanto, and S. Sukaphat, “Measurement of Heart Rate, and Body Temperature Based on

- Android Platform,” *Indones. J. Electron. Electromed. Eng. Med. informatics*, vol. 2, no. 1, pp. 26–33, 2020, doi: 10.35882/ijeemi.v2i1.6.
- [12] 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.
- [13] 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.
- [14] D. Pada, P. Shift, D. A. N. Pekerja, and N.-S. Di, “Faktor-Faktor Yang Berhubungan Dengan Tekanan Gresik Universitas Airlangga Factors Associated With Blood Pressure On Shift Workers And Non-Shift Workers In Pt . X Gresik Abstract Disability Adjusted Life Year risiko,” vol. 2, no. 1, 2017.
- [15] A. Jubran, “Pulse oximetry,” *Crit. Care*, vol. 19, no. 1, pp. 1–7, 2015, doi: 10.1186/s13054-015-0984-8.
- [16] S.-S. Oak and P. Aroul, “How to Design Peripheral

Oxygen Saturation (SpO₂) and Optical Heart Rate Monitoring (OHRM) Systems Using the AFE4403,” *Texas Instruments - Appl. Rep.*, no. March, pp. 1–7, 2015, [Online]. Available: <http://www.ti.com/lit/an/slaa655/slaa655.pdf>.

- [17] E. D. Chan, M. M. Chan, and M. M. Chan, “Pulse oximetry: Understanding its basic principles facilitates appreciation of its limitations,” *Respir. Med.*, vol. 107, no. 6, pp. 789–799, 2013, doi: 10.1016/j.rmed.2013.02.004.
- [18] R. Yanuardhi, D. Soegiarto, and A. Sularsa, “Rancang Bangun Pulse Oximetry Digital Berbasis Mikrokontroler Atmega16,” *eProceedings Appl. Sci.*, vol. 2, no. 1, pp. 332–338, Yanuardhi, R., Soegiarto, D., Sularsa, A., 2016, [Online]. Available: <https://library.ejournal.telkomuniversity.ac.id/index.php/appliedscience/article/view/4083/3857>.
- [19] V. König, R. Huch, and A. Huch, “Reflectance pulse oximetry - Principles and obstetric application in the Zurich system,” *J. Clin. Monit. Comput.*, vol. 14, no. 6, pp. 403–412, 1998, doi: 10.1023/A:1009983010772.

- [20] S. B. Baker, W. Xiang, and I. Atkinson, "Internet of Things for Smart Healthcare: Technologies, Challenges, and Opportunities," *IEEE Access*, vol. 5, no. January 2018, pp. 26521–26544, 2017, doi: 10.1109/ACCESS.2017.2775180.
- [21] C. R. Nugroho, E. Yuniarti, and A. Hartono, "Alat Pengukur Saturasi Oksigen Dalam Darah Menggunakan Metode Photoplethysmograph Reflectance," *Al-Fiziya J. Mater. Sci. Geophys. Instrum. Theor. Phys.*, vol. 3, no. 2, pp. 84–93, 2020, doi: 10.15408/fiziya.v3i2.17721.
- [22] S. M. Kallole, R. R. Pujari, and K. V Aursange, "Complete Holter Monitor," no. May, pp. 2048–2053, 2020.