

## DAFTAR PUSTAKA

- [1] M. H. Arifki, D. Pembimbing, and F. T. Industri, “PERANCANGAN MONITORING KONDISI PASIEN BERBASIS ARDUINO DENGAN WIRELESS SENSOR,” no. September, 2019.
- [2] www.who.int, “WHO reveals leading causes of death and disability worldwide: 2000-2019,” *www.who.int*, 2020.
- [3] p2ptm.kemkes.go.id, “Hari Jantung Sedunia (World Heart Day): Your Heart is Our Heart Too,” *p2ptm.kemkes.go.id*, 2019.
- [4] R. Adil, “Identifikasi Sinyal Jantung Koroner Dan Perancangan Sistem,” 1986.
- [5] S. Abdilah, “Central Patien Monitor (Monitoring EKG dan BPM),” *Jurnal Teknik Elektromedik*, vol. 2, no. 1, pp. 1–12, 2017.
- [6] U. Ghadge, A. S. Jadhav, and P. Mahalakshmi, “ECG Tracking and Analysis Using Bluetooth and Support Vector Machine Algorithm,” *2019 Innovations in Power and Advanced Computing*

- Technologies, i-PACT 2019*, pp. 1–4, 2019,  
doi: 10.1109/i-PACT44901.2019.8960237.
- [7] D. G. Kristiani, T. Triwiyanto, P. C. Nugraha, B. G. Irianto, Syaifudin, and D. Titisari, “The Measuring of Vital Signs Using Internet of Things Technology (Heart Rate and Respiration),” in *Proceedings - 2019 International Seminar on Application for Technology of Information and Communication: Industry 4.0: Retrospect, Prospect, and Challenges, iSemantic 2019*, Institute of Electrical and Electronics Engineers Inc., Sep. 2019, pp. 417–422. doi: 10.1109/ISEMANTIC.2019.8884312.
- [8] M. Nezar, A. Mufarid, H. Bambang Guruh, A. Pudji, and S. T. Mt, “Central Monitor Based On Personal Computer (PC) Via Wireless With 1 Receiver (Electrocardiograph and Heartrate),” *IJEEMI*, vol. 1, no. 1, 2019, doi: 10.1234/ijeeemi.v1i1.9xx.
- [9] R. Kher, B. Thakker, N. Gandhi, and J. Patel, “Ambulatory ECG Recording System Based

- on ADS 1298 and STM32L431xx Microcontroller,” *International journal of simulation: systems, science & technology*, pp. 1–6, 2019, doi: 10.5013/ijssst.a.20.05.03.
- [10] V. MIRON-ALEXE, “Mobile Cardiac Telemetry System for Isolated Immunosuppressed Patients,” *Journal of Science and Arts*, vol. 21, no. 2, pp. 597–606, 2021, doi: 10.46939/j.sci.arts-21.2-c03.
- [11] B. G. Irianto, Budhiaji, and D. H. Andayani, “A low-cost electro-cardiograph machine equipped with sensitivity and paper speed option,” *Telkomnika (Telecommunication Computing Electronics and Control)*, vol. 17, no. 3, pp. 1275–1281, 2019, doi: 10.12928/TELKOMNIKA.V17I3.8558.
- [12] A. Fanani, G. Irianto, and A. Pudji, “CENTRAL MONITOR BASED ON PERSONAL COMPUTER (PC) VIA WIRELESS 1 RECEIVER (SPO2 PARAMETER),” 2019.
- [13] F. N. Laili, P. C. Nugraha, and M. R. Mak’ruf, “Smartphone Vital Sign

- Monitoring Using ESP-32 Microcontroller (ECG Lead II)," *Jurnal Teknokes*, vol. 15, no. 1, pp. 1–8, Mar. 2022, doi: 10.35882/teknokes.v15i1.1.
- [14] I. Ketut *et al.*, "SISTEM MONITORING DETAK JANTUNG DAN LOKASI PASIEN," *Jurnal Pendidikan Teknologi dan Kejuruan*, vol. 15, no. 1, p. 124, 2018, [Online]. Available: <https://ejournal.undiksha.ac.id/index.php/JPTK/issue/view/780>
- [15] R. Adil, "IDENTIFIKASI SINYAL JANTUNG KORONER DAN PERANCANGAN SISTEM MONITORING REKAM MEDIS ONLINE BERBASIS WIRELESS."
- [16] N. T, "Estimation Of The Relationship Between ECG and SpO2 Signals Of Human," *journal of technical education science HO CHI MINH CITY*, 2020.
- [17] T. Tepat Guna Tyas Istiqomah, W. K. Ratnayanti, F. S. Candra, and P. Studi Teknobiomedik Departemen Fisika Fakultas

- Sains dan, “Pengembangan Elektrokardiografi (EKG) Portable Sebagai Wujud.”
- [18] M. Alimul Husni, D. Yulianto, M. Hj Endang Dian Srtioningsih, and J. Teknik Elektromedik POLITEKNIK KESEHATAN KEMENTERIAN KESEHATAN SURABAYA, “PATIENT MONITOR TAMPIL PC (SPO2 dan BPM).”
- [19] Y. Suryana and R. Aziz, “Sistem Pemonitor Detak Jantung Portable Menggunakan Tiga Sensor Elektroda,” *JURNAL AL-AZHAR INDONESIA SERI SAINS DAN TEKNOLOGI*, vol. 4, no. 1, p. 14, 2018, doi: 10.36722/sst.v4i1.240.
- [20] “POLTEKKESBY-Studi-2581-RANGKAIanke seluruhan”.
- [21] S. Z. Sigit, “Uji Kelaikan Patient Monitor Melalui Pengujian Dan Kalibrasi,” *Uji Kelaikan Patient Monitor Melalui Pengujian Dan Kalibrasi*, pp. 5–41, 2019.
- [22] “PATIENT MONITOR,” *PT. ANUGERAH PUTRA MANDIRI ALKESINDO*, 2019.

- [23] “Jantung Manusia \_ Pengertian, Fungsi, Struktur dan Bagian.”
- [24] L. Irawati, “Tinjauan Pustaka Aktifitas Listrik pada Otot Jantung,” vol. 4, no. 2, pp. 596–599, 2015.
- [25] M. Kelainan and F. Kerja, “ANALISA DETEKSI GELOMBANG QRS UNTUK MENENTUKAN KELAINAN FUNGSI KERJA JANTUNG Evrita Lusiana Utari,” pp. 27–37.
- [26] P. M. Vibhute and M. S. Deshpande, *Optical Character Recognition ( OCR ) of Marathi*, no. April. Springer Singapore, 2018. doi: 10.1007/978-981-13-1810-8.
- [27] “Electrocardiograph (ECG \_ EKG) – Sensors, Instrumentation & Electronics.”
- [28] A. A. Willa Olivia, “Rancang Bangun Kalibrator Elektrokardiogram,” *Sinusoida*, vol. 19, no. 2, 2017.
- [29] Espressif, “ESP32 Series Datasheet,” *Espressif Systems*, pp. 1–61, 2019.
- [30] Gunawan, “LCD, TFT, IPS, OLED, AMOLED, Super AMOLED, Retina,”

- mainthebest.com*, 2022.  
<https://mainthebest.com/id/pengertian-layar-sentuh-lcd-tft-ips-oled-amoled-super-amoled-retina/>
- [31] WIKIPEDIA, “TFT LCD,” *ID.WIKIPEDIA.ORG*, 2022.  
[https://id.wikipedia.org/wiki/TFT\\_LCD](https://id.wikipedia.org/wiki/TFT_LCD) (accessed Sep. 10, 2022).