

## DAFTAR PUSTAKA

- [1] 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," *Jurnal Teknik Elektro dan Komputer TRIAC*, vol. 4, no. 2, pp. 33–39, 2017.
- [2] I. P. Jurianto, "Pasien Pilih Kampung Sangkal Putung Sidoarjo timbang Bayar Rp 25 Juta ke RS," <https://www.detik.com/jatim/berita/d-6675630/pasien-pilih-kampung-sangkal-putung-sidoarjo-timbang-bayar-rp-25-juta-ke-rs>, Apr. 16, 2023.
- [3] H. D. Putra, "Terlalu Mahal, Warga Keluhkan Standar Harga Rumah Sakit Melati Sungai Penuh," <https://jambiekspres.disway.id/read/661321/terlalu-mahal-warga-keluhkan-standar-harga-rumah-sakit-melati-sungai-penuh>, May 28, 2023.
- [4] S. Marseno, "Antisipasi Biaya Rumah Sakit dan Biaya Medical Check Up, Ini Pentingnya Siapkan Dana Kesehatan," <https://sindikasi.republika.co.id/berita/ria0029416000/antisipasi-biaya-rumah-sakit-dan-biaya-medical-check-up-ini-pentingnya-siapkan-dana-kesehatan>, Sep. 16, 2022.
- [5] Mistral Solutions Pvt. Ltd., "Wearable Antennas – Applications, Technologies, and their Impact on Human Body," <https://www.mistralsolutions.com/about-us/>, 2020.
- [6] X. Chen, T. M. Grzegorzcyk, B.-I. Wu, J. Pacheco, and J. A. Kong, "Robust method to retrieve the constitutive effective parameters of metamaterials," *Phys Rev E*, vol. 70, no. 1, p. 016608, Jul. 2004, doi: 10.1103/PhysRevE.70.016608.
- [7] C.-S. Lee and C.-L. Yang, "Complementary Split-Ring Resonators for Measuring Dielectric Constants and Loss Tangents," *IEEE Microwave and Wireless Components Letters*, vol. 24, no. 8, pp. 563–565, Aug. 2014, doi: 10.1109/LMWC.2014.2318900.

- [8] Direktorat P2PTM Kementerian Kesehatan RI, “Hari Jantung Sedunia (World Heart Day): Your Heart is Our Heart Too,” <https://p2ptm.kemkes.go.id/kegiatan-p2ptm/pusat-/hari-jantung-sedunia-world-heart-day-your-heart-is-our-heart-too>, Sep. 26, 2019.
- [9] P. Puspitaningayu, A. Widodo, and E. Yundra, “Wireless body area networks dan pengaruhnya dalam perkembangan teknologi m-Health,” *INAJEEE (Indonesian Journal of Electrical and Electronics Engineering)*, vol. 1, no. 1, pp. 24–30, 2018.
- [10] K. S. Kwak, S. Ullah, and N. Ullah, “An overview of IEEE 802.15. 6 standard,” in *2010 3rd international symposium on applied sciences in biomedical and communication technologies (ISABEL 2010)*, IEEE, 2010, pp. 1–6.
- [11] Kantor Delegasi Tetap Republik Indonesia untuk UNESCO (KWRIU), “Warisan Budaya Tak Benda,” 00170, 2019
- [12] R. Bishoff, “Advancing wearable technology for health care,” <https://www.osu.edu/impact/research-and-innovation/kiourti-wearable-technology>, Aug. 19, 2022.
- [13] S. P. A and H. N. Isnianto, “PENGUKUR DETAK JANTUNG DENGAN METODE PHOTOPLETHYSMOGRAPH BERBASIS ARDUINO,” UNIVERSITAS GADJAH MADA, Yogyakarta, 2015.
- [14] 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, pp. 14–17, 2018.
- [15] R. Dipayana, L. O. Nur, and Y. P. Saputera, “Perancangan Dan Realisasi Antena Berbasis Alumunium Foil Tape Dan Substrat Tekstil Pada Frekuensi 2, 45 GHz Untuk Telemedis,” *eProceedings of Engineering*, vol. 9, no. 6, 2023.
- [16] N. H. M. Rais, P. J. Soh, F. Malek, S. Ahmad, N. B. M. Hashim, and P. S. Hall, “A review of wearable antenna,” in *2009 Loughborough antennas & propagation conference*, IEEE, 2009, pp. 225–228.

- [17] R. Yulian, “Rancang bangun photoplethysmography (PPG) tipe gelang tangan untuk menghitung detak jantung berbasis Arduino,” *Jurnal Teknik Elektro*, vol. 6, no. 3, 2017.
- [18] M. Y. Tahir and E. B. Setiawan, “PEMBANGUNAN PROTOTYPE APLIKASI ELEKTROKARDIOGRAF (EKG) BERBASIS MOBILE”.
- [19] F. St. C. Mustata and A. Mustata, “Dielectric Behaviour of Some Woven Fabrics on the Basis of Natural Cellulosic Fibers,” *Advances in Materials Science and Engineering*, vol. 2014, pp. 1–8, 2014, doi: 10.1155/2014/216548.
- [20] R. Salvado, C. Loss, R. Gonçalves, and P. Pinho, “Textile Materials for the Design of Wearable Antennas: A Survey,” *Sensors*, vol. 12, no. 11, pp. 15841–15857, Nov. 2012, doi: 10.3390/s121115841.
- [21] S. Moh Sentot, “Perancangan Antena Mikrostrip Pada Frekuensi 2, 3 Ghz Untuk Aplikasi LTE (Long Term Evolution),” Universitas Darma Persada, 2015.
- [22] A. Bansal and R. Gupta, “A review on microstrip *patch* antenna and feeding techniques,” *International Journal of Information Technology*, vol. 12, no. 1, pp. 149–154, Mar. 2020, doi: 10.1007/s41870-018-0121-4.
- [23] M. N. Nizam, Haris Yuana, and Zunita Wulansari, “MIKROKONTROLER ESP 32 SEBAGAI ALAT MONITORING PINTU BERBASIS WEB,” *JATI (Jurnal Mahasiswa Teknik Informatika)*, vol. 6, no. 2, pp. 767–772, Oct. 2022, doi: 10.36040/jati.v6i2.5713.
- [24] F. Rozie, “Rancang Bangun Alat Monitoring Jumlah Denyut Nadi/Jantung Berbasis Android,” *Jurnal Teknik Elektro Universitas Tanjungpura*, vol. 1, no. 1, 2016.
- [25] A. Maier, A. Sharp, and Y. Vagapov, “Comparative analysis and practical implementation of the ESP32 microcontroller module for the internet of things,” in *2017 Internet Technologies and Applications (ITA)*, IEEE, Sep. 2017, pp. 143–148. doi: 10.1109/ITECHA.2017.8101926.

- [26] C.-Y. Chang, C.-H. Kuo, J.-C. Chen, and T.-C. Wang, "Design and Implementation of an IoT *Access point* for Smart Home," *Applied Sciences*, vol. 5, no. 4, pp. 1882–1903, Dec. 2015, doi: 10.3390/app5041882.
- [27] D. Haryanto, "PERANCANGAN JARINGAN WIRELESS *ACCESS POINT* UNTUK MENJADIKAN BISNIS UMKM NADINASALIM MENGGUNAKAN PACKET TRACER DENGAN METODE PENGEMBANGAN Network Development Life Cycle (NDLC)," *Jusikom : Jurnal Sistem Komputer Musirawas*, vol. 7, no. 1, pp. 53–60, Jun. 2022, doi: 10.32767/jusikom.v7i1.1594.
- [28] H. H. RACHMAT and D. R. AMBARANSARI, "Sistem Perekam Detak Jantung Berbasis Pulse Heart Rate Sensor pada Jari Tangan," *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, vol. 6, no. 3, p. 344, Oct. 2018, doi: 10.26760/elkomika.v6i3.344.
- [29] S. Kr. Singh, T. Sharan, and A. Kr. Singh, "Characterization of Broadband Antenna Based on FR-4 Substrate Material," *Mater Today Proc*, vol. 12, pp. 628–635, 2019, doi: 10.1016/j.matpr.2019.03.107.
- [30] Y. A. Syahputri, M. Yamin, and L. F. Aksara, "Analisis Perbandingan RSSI Pada *Access point* Linksys Wap54G, Tp-Link Wa5110G Dan D-Link Dwl-G700Ap," *Jurnal Semantik*, vol. 3, no. 1, pp. 17–28, 2017.