

DAFTAR PUSTAKA

- [1] A. Monitoring *et al.*, “Cyclotron : Jurnal Teknik Elektro,” 2023.
- [2] Setya Novanto, “Terlalu Mahal, Warga Keluhkan Standar Harga Rumah Sakit Melati Sungai Penuh,” jambiexpres.co.id.
- [3] Izzah Putri Jurianto, “Pasien Pilih Kampung Sangkal Putung Sidoarjo timbang Bayar Rp 25 Juta ke RS,” [detikjatim](http://detikjatim.com).
- [4] Saskia Marseno, “Antisipasi Biaya Rumah Sakit dan Biaya Medical Check Up, Ini Pentingnya Siapkan Dana Kesehatan,” cermati.com.
- [5] G. Mu and P. Ren, “A Compact Dual-Band Metasurface-Based Antenna for Wearable Medical Body-Area Network Devices,” *Journal of Electrical and Computer Engineering*, vol. 2020, 2020, doi: 10.1155/2020/4967198.
- [6] J. Kamiya, K. Shirota, T. Yagi, and T. Nakazawa, “Study of EBG Structures using Metamaterial Technology.”
- [7] N. K. R. Kushwaha, “Study of Different Shape Electromagnetic Band Gap (EBG) Structures for Single and Dual band Applications,” *Journal of Microwaves, Optoelectronics and Electromagnetic Applications*, vol. 13, no. 1, Jun. 2014.
- [8] C. C. Yang and Y. L. Hsu, “A review of accelerometry-based wearable motion detectors for physical activity monitoring,” Aug. 2010. doi: 10.3390/s100807772.
- [9] J. Halomoan, “Analisa Sinyal EKG dengan Metoda HRV (*Heart Rate Variability*) pada Domain Waktu Aktivitas Berdiri dan Terlentang.”
- [10] SDGs, “3. Kehidupan Sehat dan Sejahtera,” Kementerian PPN/Bappenas. Accessed: Nov. 20, 2023. [Online]. Available: <https://sdgs.bappenas.go.id/tujuan-3/>
- [11] R. Pei *et al.*, “Wearable EBG-Backed Belt Antenna for Smart On-Body Applications,” *IEEE Trans Industr Inform*, vol. 16, no. 11, pp. 7177–7189, Nov. 2020, doi: 10.1109/TII.2020.2983064.
- [12] H. D. N. R. U. Siddik, *Wearable Antenna dengan Substrat Batik sebagai Transceiver Data Denyut Jantung*. 2023.
- [13] F. Akbar, R. Maulana, and H. Fitriyah, “Sistem Monitoring Denyut Jantung Menggunakan NodeMCU dan MQTT,” 2018. [Online]. Available: <http://j-ptiik.ub.ac.id>

- [14] W. N. Widiningrum, M. P. Aji, B. Astuti, and P. F. Pascasarjana, "JIFP (Jurnal Ilmu Fisika dan Pembelajarannya) Analisis Jarak Aman Terhadap Radiasi Elektromagnetik *Handphone Saat Tidur Analysis of Safe Distance On Mobile Electromagnetic Radiation While Sleeping 1**," vol. VII, No. I, pp. 16–22, 2023, [Online]. Available: <http://jurnal.radenfatah.ac.id/index.php/jifp/>
- [15] Yusantono, "Analisis dan Perbandingan Jaringan WiFi dengan frekuensi 2.4 GHz dan 5 GHz dengan Metode QoS," 2020.
- [16] U. Ali, S. Ullah, B. Kamal, L. Matekovits, and A. Altaf, "*Design, Analysis and Applications of Wearable Antennas: A Review*," 2023, *Institute of Electrical and Electronics Engineers Inc.* doi: 10.1109/ACCESS.2023.3243292.
- [17] I. A. Putra, A. A. Muayyadi, and D. Perdana, "Implementasi Sistem Monitoring Detak Jantung dan Suhu Tubuh Menggunakan Sensor Pulse dan *Blynk Application* Berbasis *Internet of Things Implementation of Heart Rate and Body Temperature Monitoring Applications Using Pulse and Blynk Sensors Based on The Internet of Things*," 2022.
- [18] P. Ghagono Awang Murti, L. Olivia Nur, and T. Yunita, "*Antena Mikrostrip Dual Band Bahan Fleksibel Frekuensi 2,45 Ghz Dan 5,85 Ghz untuk Aplikasi Telemedis Dual Band Microstrip Antenna Flexible Material Frequency Of 2.45 Ghz and 5.85 Ghz For Telemedicine Application*," 2019.
- [19] A. Y. I. Ashyap *et al.*, "*An overview of electromagnetic band-gap integrated wearable antennas*," 2020, *Institute of Electrical and Electronics Engineers Inc.* doi: 10.1109/ACCESS.2020.2963997.
- [20] R. Li, C. Wu, X. Sun, Y. Zhao, and W. Luo, "*An EBG-Based Triple-Band Wearable Antenna for WBAN Applications*," *Micromachines (Basel)*, vol. 13, no. 11, Nov. 2022, doi: 10.3390/mi13111938.
- [21] K. Praty, D. Zaam, A. A. Pramudita, R. Harfan, and H. Ryanu, "Desain dan Analisis Antena UWB *Patch Triangular* dengan Penolakan Pita (*Notch Band*)," 2023.
- [22] R. Fikri, P. Jaya, D. Faiza, U. Negeri Padang Jl Hamka Kampus UNP, and A. Tawar Padang, "Jurnal Vocational Teknik Elektronika dan Informatika Analisa Pengaruh *Truncated Corner Terhadap Bandwidth dan Return Loss* Pada Antena Mikrostrip 2.4 GHz," vol. 11, no. 2, 2023, [Online]. Available: <http://ejournal.unp.ac.id/index.php/voteknika/>

- [23] S. Hadi Saputra, A. Endang Jayati, dan Erlinasari, and J. Teknik Elektro, “Rancang Bangun Antena Mikrostrip *Patch Circular* Dengan Teknik Linier *Array* Untuk Frekuensi Wifi 2,4 Ghz,” 2019.
- [24] S. Brema Brahmana, C. Kuntadi, S. Anwar, P. Penerbangan Medan, and C. Author Steven Brema Brahmana, “Faktor-faktor yang mempengaruhi *Performance Antenna: Beamwidth, Gain* dan Pola radiasi,” 2023.
- [25] R. Bangun Antena Biquad, M. Putra, P. Teknologi Rekayasa Jaringan Telekomunikasi Jurusan Teknik Elektro, and P. Negeri Lhokseumawe JLMedan Banda Aceh, “Rancang Bangun Antena *Biquad* dengan Reflektor *Grid* Parabolik untuk Mengoptimalkan *Gain* Antena Pada Frekuensi 450 MHz,” *JURNAL TEKTR0*, vol. 4, no. 2, 2020.
- [26] S. Kristian Sugiarto and A. Boedi Setiawan, “2,5 GHz Antena Mikrostrip Polarisasi *Circular Model Patch Yin Yang* untuk Wireless Sensor,” 2019.
- [27] A. William, H. Salsabilah, and D. Widhiantoro, “Perancangan Alat *Agriculture Soil Fertility Detection* Berbasis Iot Untuk Pemantauan Ph, Suhu Dan Kelembapan Tanah,” 2023.
- [28] S. Ratna, I. Kalimantan, M. A. Al, and B. Banjarmasin, “Sistem Monitoring Kesehatan Berbasis *Internet of Things (IoT)*,” 2020.
- [29] S. Ulum, T. Hario Yudhanto, K. Fayakun, and E. Sjaiful Alim, “Kemala Indonesia Purwarupa GPS (*Global Positioning System*) *Tracker Online (Prototype of GPS (Global Positioning System) Tracker Online)* As’ad,” *Jurnal Teknologi Informasi dan Komputer*, vol. 3, no. 1, p. 2021, 2021.
- [30] N. Khairunnisa, E. Sandi, and dan Baso Maruddani, “Peningkatan Efisiensi Antena Frekuensi 3.5 GHz Menggunakan Teknik Metamaterial Pada Struktur *Groundplane*,” 2021.
- [31] A. Rohman, H. Martawireja, H. Supriyanto, J. O. Manufaktur, D. Mekatronika, and P. Manufaktur Bandung, “Penentuan Lintasan Pergerakan Quadcopter Berbasis GPS (*Global Positioning System*),” *Jurnal Teknologi dan Rekayasa Manufaktur JTRM |*, vol. 1, no. 2, 2019.
- [32] N. Alhusna, S. Putri, E. Mozef, and G. Megiyanto, “*Prosiding The 11 th Industrial Research Workshop and National Seminar Bandung*,” 2020.

- [33] L. Halide, A. dewi utami thamrin, N. umar, S. Abdul Kadir, and D. Jurusan Teknik Elektro Politeknik Negeri Ujung Pandang, Desain dan Implementasi *Interface Wireless* Berbasis *Internet of Thing*. Telekomunikasi..., 2020.