

DAFTAR PUSTAKA

- [1] V. Arun and L. R. Karl Marx, "Internet of Things controlled reconfigurable antenna for RF harvesting," *Defence Science Journal*, vol. 68, no. 6, pp. 566-571, Nov. 2018, doi: 10.14429/dsj.68.12669..
- [2] H. C. Mohanta, A. Z. Kouzani, and S. K. Mandal, "Reconfigurable antennas and their applications," *Universal Journal of Electrical and Electronic Engineering*, vol. 6, no. 4, pp. 239-258, 2019, doi: 10.13189/ujeee.2019.060406.
- [3] A. B. A. Ashika and S. Robinson, "Design and analysis of microstrip patch antenna for 4G communication," in *Proc. 2018 IEEE International Conference on Current Trends toward Converging Technologies*, Coimbatore, India, 2018, pp. 1-5, doi: 10.1109/ICCTCT.2018.8550937.
- [4] M. M. Hasan, Z. Rahman, R. Shaikh, I. Alam, M. A. Islam, and M. S. Alam, "Design and analysis of elliptical microstrip patch antenna at 3.5 GHz for 5G applications," in *Proc. 2020 IEEE Region 10 Symposium (TENSYMP)*, Dhaka, Bangladesh, 2020, pp. 1-6, doi: 10.1109/TENSYMP50017.2020.9230854.
- [5] L. Vähä-Savo, C. Cziezerski, M. Heino, K. Haneda, C. Icheln, A. Hazmi, and R. Tian, "Empirical evaluation of a 28 GHz antenna array on a 5G mobile phone using a body phantom," *IEEE Transactions on Antennas and Propagation*, doi: 10.1109/TAP.2021.3076535.
- [6] F. Zhu and K. Li, "Determining effective thermal conductivity of fabrics by using fractal method," *International Journal of Thermophysics*, vol. 31, pp. 612-619, May 2010, doi: 10.1007/s10765-010-0741-9..
- [7] Y. Ouyang and W. J. Chappell, "High frequency properties of electro-textiles for wearable antenna applications," *IEEE Transactions on Antennas and Propagation*, vol. 56, no. 2, pp. 381-389, Feb. 2008.
- [8] D. N. Gençoğlu, S. Çolak, and M. Palandöken, "Spiral-resonator-based frequency reconfigurable antenna design for sub-6 GHz applications," *Applied Sciences*, vol. 13, no. 15, pp. 8719, Jul. 2023, doi: 10.3390/app13158719.
- [9] J. Mtd, "Dioda PIN sebagai saklar RF," *Uncategorized*, Jul. 30, 2019. [Online]. Available: <https://josefmt.com/2019/07/30/dioda-pin-sebagai-saklar-rf/>.

- [10] R. Santos and S. Santos, "Build an ESP8266 Web Server – Code and Schematics (NodeMCU)," *Random Nerd Tutorials*, Jul. 30, 2019. [Online]. Available: [https://randomnerdtutorials.com/esp8266-web-server/..](https://randomnerdtutorials.com/esp8266-web-server/)
- [11] M. S. Amin Nordin, N. H. A. Rahman, M. T. Ali, A. A. Sharatol Ahmad Shah, and M. R. Ahmad, "Full-wave electromagnetic simulation of antenna on electro-textile and accurate measurement of dielectric properties through precise adjustable jig," in *Proceedings of 2017 Asia Pacific Microwave Conference*, Shah Alam, Malaysia, Nov. 2017, pp. 1-4.
- [12] 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 **Proceedings of the 2009 Loughborough Antennas & Propagation Conference (LAPC)**, Loughborough, UK, Dec. 2009, doi: 10.1109/LAPC.2009.5352373.