DAFTAR PUSTAKA

[1] I. Tomić and J. A. McCann, "A Survey of Potential Security Issues in Existing Wireless Sensor Network Protocols," in *IEEE Internet of Things Journal*, vol. 4, no. 6, pp. 1910-1923, Dec. 2017, doi: 10.1109/JIOT.2017.2749883.

[2] M. Marjani *et al*., "Big IoT Data Analytics: Architecture, Opportunities, and Open Research Challenges," in *IEEE Access*, vol. 5, pp. 5247-5261, 2017, doi: 10.1109/ACCESS.2017.2689040.

[3] S. M. R. Islam, D. Kwak, M. H. Kabir, M. Hossain and K. -S. Kwak, "The Internet of Things for Health Care: A Comprehensive Survey," in IEEE Access, vol. 3, pp. 678-708, 2015, doi: 10.1109/ACCESS.2015.2437951.

[4] K. S. Kwak, S. Ullah and N. Ullah, "An overview of IEEE 802.15.6 standard," *2010 3rd International Symposium on Applied Sciences in Biomedical and Communication Technologies (ISABEL 2010)*, 2010, pp. 1-6, doi: 10.1109/ISABEL.2010.5702867.

[5] S. Movassaghi, M. Abolhasan, J. Lipman, D. Smith and A. Jamalipour, "Wireless Body Area Networks: A Survey," in *IEEE Communications Surveys & Tutorials*, vol. 16, no. 3, pp. 1658-1686, Third Quarter 2014, doi: 10.1109/SURV.2013.121313.00064.

[6] P. S. Hall and Y. Hao, "Antennas and propagation for body centric communications," 2006 First European Conference on Antennas and Propagation, 2006, pp. 1-7, doi: 10.1109/EUCAP.2006.4584864.

[7] Rizal Nur Ibrahim, dkk. "Pemodelan Kanal pada Jaringan Area Tubuh Nirkabel menggunakan Teknologi Bluetooth". Jurnal Teknik ITS Vol.5,No.2. 2016.

[8] Ahmad Rasyidi Syawali, dkk. "Perancangan dan Realisasi Antena Mikrostrip Unidirectional untuk On Body Wireless ECG Sensor System". Bandung: Universitas Telkom; vol. 5., no.3, page 5336-5343, Desember 2018.

[9] Giga Yoganto. "Rancangan Antena Mikrostrip Rectangular Patch pada Peralatan Secondary Surveilance Radar (SSR) dengan Frekuensi 1030 MHz". Politeknik Penerbangan Surabaya, ISSN 2548-8090, 2018.

[10] G. Casu, C. Moraru and A. Kovacs, "Design and implementation of microstrip patch antenna array," *2014 10th International Conference on Communications (COMM)*, 2014, pp. 1-4, doi: 10.1109/ICComm.2014.6866738.

[11] Hynsa Adrian. "Optimasi Antena Mikrostrip Dualband dengan Defected Ground Structured (DGS) untuk Frekuensi 1800 MHz dan 2400 MHz". Medan: Fakultas Teknik Universitas Sumatera Utara, 2017.

[12] Indra Surjati. "Antena Mikrostrip: Konsep dan Aplikasinya". Jakarta, Universitas Trisakti, 2010.

[13] Darryl J L Tobing, dkk. "Antena Mikrostrip Inverted Planar F Compact S Band untuk Penerima Wireless Body Area Network". Bandung: Universitas Telkom, e-Proceeding of Engineering: vol.6, No.2, page 3567-3576, Agustus 2019.

[14] Eva Yovita Dwi Utami, dkk. "Rancang Bangun Antena Mikrostrip Persegi Panjang 2,4 GHZ untuk Aplikasi WIRELESS FIDELITY (WI-FI)". Universitas Kristen Satya Wacana, Jurnal Nasional Teknik Elektro, vol.6, No.3, November 2017.

[15] Herma Nugroho R A K. "Desain Antena Hexagonal Patch Array untuk Peningkatan Gain dan Bandwidth pada Frekuensi 2,4 GHz". Malang: Politeknik Negeri Malang, TELKA, Vol.2, No.1, pp. 44~52, Mei 2016.

[16] Constantine A Balanis. "Antenna Theory Analysis and Design Third Edition". New Jerey: John Wiley & Sons.Inc, 2005.

[17] Buwarda, Sukriyah. *Green and Intelligent Antenna System for Mobile Computing.* Jurusan Teknik Elektro Universitas Hasanuddin Makasar, 2014.

[18] Ramesh Garg, Prakash Bhartia, Inder J. Bahl, A. Ittipiboon. "Mikrostrip Antenna Design Handbook". Artech House, 2001.

[19] Kirza Baihaqi. "Rancang Bangun Antena Mikrostrip Single Patch Semi Circular Pada Frekuensi 2,4 GHz dengan Metode Inset Feed". JITE (*Journal of Informatics and Telecommunication Engineering*), 3 (1): 1-8, Juli 2019

[20] Ahmed Fatthi Alsager. "Design and Analysis of Microstrip Patch Antenna Arrays". Master Thesis, University of Boras, Swedia, 2011.

[21] Julianti, Risna. "Perancangan dan Simulasi Antena Mikrostrip Rectangular Linear Array untuk Aplikasi Antena Repeater pada Pita Frekuensi Uplink 3G". Tugas Akhir, Teknik Elektro Universitas Andalas, 2015.

[22] Jaget Singh. "Inset Feed Microstrip Patch Antenna". *International Journal of Computer Science and Mobile Computing*, vol.5(2): page 324-329, Februari 2016.

[23] Yus Natali S.T.,M.T., dan Zulkarnain Faisal. "Rancang Bangun Antena Mikrostrip Patch Sirkular Dengan Metode Insert Feeding Untuk Aplikasi Di Frekuensi 2600Mhz". Jurnal ICT Penelitian dan Penerapan Teknologi, 2015.

[24] Rim Negra, Imen Jemili, Abdelfettah Belghith. "Wireless Body Area Networks: Applications and technologies". *Procedia Computer Science* vol.83 page 1274-1281. 2016.

[25] Denny Arief Kurnia dan Henry Hermawan. "Arrhymon: Alat Monitoring Irama Jantung Portabel untuk Penderita Gangguan Aritmia Jantung". Jurusan Teknik Elektro Universitas Surabaya, Jurnal Ilmiah Mahasiswa Universitas Surabaya, vol.9 No.1, 2020.

[26] Muhammad Rumi Ramadhan. "Analisa Antena Dipole-λ/2 pada modul praktikum B4520 Menggunakan Simulator Ansoft HFSS versi 10 dan CST Microwave Studio 2010". Universitas Sumatera Utara, 2013.