DAFTAR PUSTAKA

[1] C. A. Balanis, "*Antenna Theory: Analysis and Design*", 4th ed., Canada: John Wiley & Sons, Inc., 2016.

[2] J. Parrangan, "*Design Microstrip Antenna 2.4 GHz for MIMO System Applications (Multiple Input Multiple Output)*," 2016.

[3] Tim Peneliti Puslitbang SDPPI, "Studi Lanjutan 5G Indonesia 2018: Spektrum Outlook dan Use Case untuk Layanan 5G Indonesia", Puslitbang Sumber Daya, Perangkat, dan Penyelenggaraan Pos dan Informatika, Badan Penelitian dan Pengembangan Sumber Daya Manusia, Kementerian Komunikasi dan Informatika, 2018.

[4] M. Darsono and A. R. Wijaya, "*Design and Simulation of a Rectangular Patch Microstrip Antenna for the Frequency of 28 GHz in 5G Technology," Department of Electrical Engineering, Faculty of Engineering,* Darma Persada University, Jakarta, Indonesia, 2020.

[5] R. Przesmycki, M. Bugaj, and L. Nowosielski, "*Broadband Microstrip Antenna for 5G Wireless Systems Operating at 28 GHz*," 2020.

[6] J. Colaco and R. Lohani, "*Design and Implementation of Microstrip Patch Antenna for 5G Applications*," 2024.

[7] A. Y. Putranto, "*Design of Circular Patch Microstrip Antenna with Inset Feed for 3.5 GHz Communication Systems*," 2020.

[8] M. A. Fadhlurrohman, "*Design and Analysis of 3.5 GHz Microstrip Patch Antenna Using CST Studio Suite 2022 for 5G Technology*," 2022.

[9] D. M. Handika, "Rancang Bangun Antena Mikrostrip Patch Circular untuk Aplikasi 5G," 2022.

[10] H. R. Djajadiningrat, "Fabrikasi Antena Mikrostrip pada Frekuensi 2,4 GHz untuk *Wireless Fidelity* (WiFi)," 2024.

[11] M. S. Rana and M. M. Rahman, "*Design and Analysis of Microstrip Patch Antenna for 5G Wireless Communication Systems," Bulletin of Electrical Engineering and Informatics,* vol. 11, no. 6, pp. 3329-3337, Dec. 2022, doi: 10.11591/eei.v11i6.3955.

[12] R. Garg, P. Bhartia, I. J. Bahl, and P. Ittipiboon, "*Microstrip Antenna Design Handbook*", Boston, MA, USA: Artech House, 2001.

[13] D. M. Handika, "Rancang Bangun Antena Mikrostrip Patch Circular untuk Aplikasi 5G," Universitas Pancabudi, Indonesia, Published: Jun. 2022.

[14] W. Safitri, "Desain Antena Mikrostrip *Dual Band* pada Frekuensi 1,8 GHz dan 2,4 GHz untuk Aplikasi LTE dan WiFi," 2017. [Online]. Available: http://repository.unj.ac.id/id/eprint/27668.

[15] C. A. Balanis, *Antenna Theory: Analysis and Design*, 3rd ed., John Wiley & Sons, Inc., 2005.

[16] R. S. Khandpur, "*Printed Circuit Boards: Design, Fabrication, Assembly and Testing*." New Delhi: Tata McGraw-Hill, 2005.