

DAFTAR PUSTAKA

- [1] P. D. D. Istianti, S. Y. Prawiro, N. B. A. Karna and I. A. N. Safa, "Analisis Performansi Teknologi Akses LPWAN LoRa Antares Untuk Komunikasi Data End Node," *CITEE*, 2019.
- [2] K. Qrimly, "APA ITU LORA?," Logic Gates ID, 24 July 2017. [Online]. Available: <https://www.logicgates.id/blogs/news/apa-itu-lora>.
- [3] I. Bobkov, A. Rolich, M. Denisova and L. Voskov, "Study of LoRa Performance at 433 MHz and 868 MHz Bands Inside a Multistory Building," *Moscow Workshop on Electronic and Networking Technologies (MWENT)*, pp. 1-6, 2020.
- [4] A. R. Batong, P. Murdiyat and A. H. Kurniawan, "Analisis Kelayakan LoRa Untuk Jaringan Komunikasi Sistem Monitoring Listrik Di Politeknik Negeri Samarinda," *PoliGrid*, vol. I, no. 2, pp. 55-65, 2020.
- [5] E. D. Widiyanto, M. S. Pakpahan, A. A. Faizal and R. Septiana, "LoRa QoS Performance Analysis on Various Spreading Factor in Indonesia," *International Symposium on Electronics and Smart Devices (ISESD)*, pp. 1-5, 2018.
- [6] bluee, "LPWAN, Apa itu?," KMTek, 11 September 2021. [Online]. Available: <https://www.kmtech.id/post/lpwan-apa-itu>. [Accessed 2022].
- [7] Imelda, "Teknologi LoRa dan Protokol LoRaWan," KMTek, 19 May 2021. [Online]. Available: <https://www.kmtech.id/post/teknologi-LoRa-dan-protokol-LoRawan>. [Accessed 2022].
- [8] N. DUCROT, D. RAY, A. SAADANI, O. HERSENT, G. POP and G. REMOND, *LoRa Device Developer Guide*, Orange IoT Solutions, 2016.
- [9] W. Nurdian, "Arduino IDE, Pengertian dan istilah yang sering digunakan," *Ide Bebas*, 18 June 2019. [Online]. Available: <https://www.idebebas.com/arduino-ide/>. [Accessed 2022].
- [10] T. S. J. Putra and I. R. Widiyari, "Analisis Kualitas Signal Wireless Berdasarkan Received Signal Strength (RSSI) pada Universitas Kristen Satya Wacana," 2018.
- [11] Heltec.org, "www.heltec.org," Heltec, [Online]. Available: <https://heltec.org/project/wifi-lora-32/>. [Accessed 2022].

- [12] Simantu.pu.go.id, "Pengenalan GPS (Global Poisioning System)," 2019. [Online]. Available: https://simantu.pu.go.id/epel/edok/8733f_pengenalan_GPS.pdf.