DAFTAR PUSTAKA

[1] H. T. Monda, Feriyonika and P. S. Rudati, "Sistem Pengukuran Daya pada Sensor Node Wireless Sensor Network," *Industrial Research Workshop and National Seminar,* pp. 28-31, 2018.

[2] Espressif, "ESP8266 A cost-effective and highly integrated Wi-Fi MCU," [Online]. Available: https://www.espressif.com/en/products/socs/esp8266. [Accessed 10 April 2021].

[3] Arduino, "Getting Started with Arduino UNO," [Online]. Available: https://www.arduino.cc/en/Guide/ArduinoUno. [Accessed 15 February 2021].

[4] Dorji, "DRF1278DM LORA Long Range SX1278 Data Radio Modem," [Online]. Available: http://www.dorji.com/docs/data/DRF1278DM.pdf. [Accessed 20 October 2020].

[5] Y. Kristinawati, S. R. Akbar and R. Maulana, "Implementasi Modul Monitoring Kapasitas Baterai Pada Perangkat Embedded," *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer,* vol. 2 No. 10, pp. 3210-3219, 2018.

[6] F. N. Aroeboesman, M. H. Ichsan and R. Primananda, "Analisis Kinerja LoRa SX1278 Menggunakan Topologi Star Berdasarkan Jarak dan Besar Data Pada WSN," *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer,* vol. 3 No. 4, pp. 3860-3865, 2019.

[7] D. N. Tsyani, A. Kurniasari and C. Hudaya, "Battery Monitoring System with LoRa Technology," *2018 3rd International Conference on Information Technology, Information System and Electrical Engineering (ICITISEE),* pp. 125-129, 2018.

[8] D. I. Pujiana, A. S. Handayani and Aryanti, "Perancangan Wireless Sensor Network Dalam Sistem Monitoring Lingkungan," *Prosiding Annual Research Seminar Computer Science and ICT,* vol. 3 No. 1, pp. 199-202, 2017.

[9] D. I. Af'idah, A. F. Rochim and E. D. Widianto, "Perancangan Jaringan Sensor Nirkabel (JSN) untuk Memantau Suhu dan Kelembaban Menggunakan

nRF24L01+," *Jurnal Teknologi dan Sistem Komputer,* vol. 2 No.4, pp. 268-271, Oktober 2014.

[10] F. Muhammad, A. Bhawiyuga and D. P. Kartikasari, "Analisis Kinerja Protokol LoRaWAN untuk Transmisi Data pada Skenario Urban Area," *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer,* vol. 3 No. 9, pp. 9054-9060, September 2019.

[11] M. Liandana, "Penerapan Teknologi LoRa Pada Purwarupa Awal Wearable Device," *Journal of Computer, information system, & technology management,* vol. 2 No.2, pp. 40-46, October 2019.

[12] A. Zourman, C. W. Hung, A. L. K. Hing and M. Abdulrehman, "Internet of Things (IoT) using LoRa Technology," *IEEE International Conference on Automatic Control and Intelligent System (I2CACIS 2019),* pp. 324-330, 2019.

[13] B. Santoso, I. W. Mustika and S. S. Kusumawardani, "Pemodelan Monitoring Pemakaian dan Penghematan Energi Listrik dengan Teknologi Jaringan Sensor Nirkabel," *Seminar Nasional Teknologi Informasi dan Komunikasi (SENTIKA 2014),* pp. 529-536, 2014.

[14] G. S. Novela, "Pembuatan dan Karakterisasi Anoda Baterai Lithium-Ion dari Bahan Graphene Oxide," 2018.

[15] D. F. Arfianto, D. A. Asfani and D. Fahmi, "Pemantauan, Proteksi, dan Ekualisasi Baterai Lithium-ion Tersusun Seri Menggunakan Konverter Buck-Boost dan LC Seri dengan Kontrol Synchronous Phase Shift," *Jurnal Teknik ITS,* vol. 5 No. 2, pp. 122-127, 2016.

[16] W. F. Syafra, Purwantono, Hasanuddin and A. K, "Analisis Konsumsi Daya Baterai Lithium-Ion Rakitan oleh Sepeda Listrik Berpenggerak Motor BLDC 24V 250W," *Journal of Mechanical, Electrical and Industrial Engineering,* vol. 2 No. 3, pp. 1-10, 2020.

[17] E. Raszmann, K. Baker, Y. Shi and D. Christensen, "Modeling Stationary Lithium-Ion Batteries for Optimization and Predictive Control," *2017 IEEE Power and Energy Conference at Illinois (PECI)*, pp. 1-7, 2017.