DAFTAR PUSTAKA

Adiati, R. F., Kusumawardhani, A., & Setijono, H. (2017). Analisis Parameter Signal to Noise Ratio dan Bit Error Rate dalam Backbone Komunikasi Fiber Optik Segmen Lamongan-Kebalen. *Jurnal Teknik ITS*, *6*(2), 8–12. https://doi.org/10.12962/j23373539.v6i2.26079

Augustin, A., Yi, J., Clausen, T., & Townsley, W. M. (2016). A study of Lora: Long range & low power networks for the internet of things. *Sensors (Switzerland)*, *16*(9), 1–18. https://doi.org/10.3390/s16091466

Azhari, R. Y., Firmansyah, E., & Bejo, A. (2019). Simple Protocol Design of Multi-Hop Network in Lora. *2019 2nd International Seminar on Research of Information Technology and Intelligent Systems, ISRITI 2019*, 177–181. https://doi.org/10.1109/ISRITI48646.2019.9034662

Budianto, A., Yuana, R. A., & Puspitaningrum, A. A. (2019). Analisis Perbandingan Performansi Protokol Routing AODV dan DSDV pada Mobile Ad-Hoc Network. *Sistemasi*, *8*(May), 28–40.

Firdaus. (2014). *Wireless Sensor Network : Teori dan Aplikasi*. Graha Ilmu. https://openlibrary.telkomuniversity.ac.id/pustaka/99762/wireless-sensor-network-teori-dan-aplikasi.html

Gloria, A., Cercas, F., & Souto, N. (2017). Comparison of communication protocols for low cost Internet of Things devices. *South-East Europe Design Automation, Computer Engineering, Computer Networks and Social Media Conference, SEEDA-CECNSM 2017*. https://doi.org/10.23919/SEEDA-CECNSM.2017.8088226

Ilyas, M., & Mahgoub, I. (2004). *Handbook of Sensor Networks : Compact Wireless and Wired Sensing Systems*. CRC Press. https://www.routledge.com/Handbook-of-Sensor-Networks-Compact-Wireless-and-Wired-Sensing-Systems/Ilyas-Mahgoub-Haas-Hassanein-Tseng-Mishra-Papavassiliou-Gonzalez-Millan-Sveda-Slijepcevic-Karakehayov-Ye-Yuan-Shah-Haenggi-Beutel-Li-Zhu-Kamal-Shen-Swaminatha

Klimiashvili, G., Tapparello, C., & Heinzelman, W. (2020). LoRa vs. WiFi Ad Hoc: A Performance Analysis and Comparison. *2020 International Conference on Computing, Networking and Communications, ICNC 2020*, 654–660. https://doi.org/10.1109/ICNC47757.2020.9049724

Mounika, P. (2018). Performance analysis of wireless sensor network topologies for Zigbee using riverbed modeler. *Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018*, *Icisc*, 1456–1459. https://doi.org/10.1109/ICISC.2018.8399050

Neehaarika, V., & Sindhura, S. (2011). Evaluation of routing protocols used in wireless sensor networks monitoring temperature in composting heaps. *Proceedings - 2011 Annual IEEE India Conference: Engineering Sustainable Solutions, INDICON-2011*, 1–4. https://doi.org/10.1109/INDCON.2011.6139471

Noreen, U., Bounceur, A., & Clavier, L. (2017). A study of LoRa low power and wide area network technology. *Proceedings - 3rd International Conference on Advanced Technologies for Signal and Image Processing, ATSIP 2017*, *May*. https://doi.org/10.1109/ATSIP.2017.8075570

Putra. (2019). *TOPOLOGI JARINGAN : Pengertian, Macam Macam Topologi & Kelebihan Kekurangannya*. Salamadian.Com. https://salamadian.com/topologi-jaringan-komputer/

Sari, R. F., Syarif, A., & Budiardjo, B. (2010). Analisis Kinerja Protokol Routing Ad Hoc on-Demand Distance Vector (Aodv) Pada Jaringan Ad Hoc Hybrid: Perbandingan Hasil Simulasi Dengan Ns-2 Dan Implementasi Pada Testbed Dengan Pda. *MAKARA of Technology Series*, *12*(1), 7–18. https://doi.org/10.7454/mst.v12i1.517

Sun, Y., Hu, J., Liu, Y., & Tian, Z. (2017). Theoretical analysis and performance testing of LoRa technology. *Proceedings - 2017 International Conference on Computer Technology, Electronics and Communication, ICCTEC 2017*, 686–690. https://doi.org/10.1109/ICCTEC.2017.00153

Workgroup, T. M. (2015). What is it ? A technical overview of. *LoRa Alliance*, *November*.

https://doi.org/https://www.tuv.com/media/corporate/products_1/electronic_components_and_lasers/TUeV_Rheinland_Overview_LoRa_and_LoRaWANtmp.pdf

Yusuf, F. (2018). *Mengenal Wireless Sensor Network*. Sensornetwork.Mipa.Ugm.Ac.Id. https://sensornetwork.mipa.ugm.ac.id/2018/08/22/125/