

## DAFTAR PUSTAKA

- [1] D. Simatupang *et al.*, “Remote microgrids for energy access in indonesia—part ii: Pv microgrids and a technology outlook,” *Energies*, vol. 14, no. 21, 2021, doi: 10.3390/en14216901.
- [2] A. Wardhana, “Arsitektur dan standarisasi internet of things (iot),” no. May, 2023.
- [3] W. Winasis, A. W. W. Nugraha, I. Rosyadi, and F. S. T. Nugroho, “Desain Sistem Monitoring Sistem Photovoltaic Berbasis Internet of Things (IoT),” *J. Nas. Tek. Elektro dan Teknol. Inf.*, vol. 5, no. 4, 2016, doi: 10.22146/jnteti.v5i4.281.
- [4] S. Greengard, *The Internet of Things, revised and updated edition*. MIT Press, 2021. [Online]. Available: [https://books.google.co.id/books?id=HRQLEAAAQBAJ&dq=internet+of+things&lr=&source=gbs\\_navlinks\\_s](https://books.google.co.id/books?id=HRQLEAAAQBAJ&dq=internet+of+things&lr=&source=gbs_navlinks_s)
- [5] K. Demertzis *et al.*, “Communication Network Standards for Smart Grid Infrastructures,” *Network*, vol. 1, no. 2, pp. 132–145, 2021, doi: 10.3390/network1020009.
- [6] N. A. Qarabsh, S. S. Sabry, and H. A. Qarabash, “Smart grid in the context of industry 4.0: An overview of communications technologies and challenges,” *Indones. J. Electr. Eng. Comput. Sci.*, vol. 18, no. 2, pp. 656–665, 2020, doi: 10.11591/ijeecs.v18.i2.pp656-665.
- [7] R. H. Lasseter and P. Paigi, “Microgrid: A conceptual solution,” *PESC Rec. - IEEE Annu. Power Electron. Spec. Conf.*, vol. 6, no. June, pp. 4285–4290, 2004, doi: 10.1109/PESC.2004.1354758.
- [8] S. Mc Manus and M. Cook, *Raspberry Pi For Dummies*, 4th ed. New Jersey: John Wiley & Sons, Inc, 2021. [Online]. Available: [https://books.google.co.id/books?hl=en&lr=&id=N7s6EAAAQBAJ&oi=fnd&pg=PA3&dq=raspberry+pi&ots=SxU1iaagm4&sig=nTG0viiU9xFR0Ve50d03ejz47uM&redir\\_esc=y#v=o nepage&q=Raspberry Pi&f=false](https://books.google.co.id/books?hl=en&lr=&id=N7s6EAAAQBAJ&oi=fnd&pg=PA3&dq=raspberry+pi&ots=SxU1iaagm4&sig=nTG0viiU9xFR0Ve50d03ejz47uM&redir_esc=y#v=o nepage&q=Raspberry Pi&f=false)
- [9] I. Harjanto, “IoT Gateway Menggunakan Protokol MQTT pada Perangkat Kendali Berbasis Modbus- RTU,” *J. Ilm. Teknosains*, vol. 6, no. 1, pp. 12–19, 2020, [Online]. Available: <http://journal.upgris.ac.id/index.php/JITEK/article/view/5957>

- [10] H. M. K. K. M. B. Herath, S. V. A. S. H. Ariyathunge, and H. D. N. S. Priyankara, “Development of a Data Acquisition and Monitoring System Based on MODBUS RTU Communication Protocol,” *Int. J. Innov. Sci. Res. Technol.*, vol. 5, no. 6, pp. 433–440, 2020, doi: 10.38124/ijisrt20jun479.
- [11] D. M. L. H. Dissawa, G. M. R. I. Godaliyadda, M. P. B. Ekanayake, J. B. Ekanayake, and A. P. Agalgaonkar, “Cross-correlation based cloud motion estimation for short-term solar irradiation predictions,” *IEEE*, 2017, doi: 10.1109/ICIINFS.2017.8300338.
- [12] J. Meydbray, K. Emery, and S. Kurtz, “Pyranometers and reference cells, the difference,” *PV Mag.*, no. March, pp. 108–110, 2012.
- [13] M. Duggan, D. R. Roderick, and J. Sieburg, “Data bases,” *Proc. 1970 25th Annu. Conf. Comput. Cris. How Comput. are Shap. our Futur. ACM 1970*, pp. 1–7, 1970, doi: 10.1145/1147282.1147284.
- [14] P. DuBois, *MySQL*, 5th ed. Addison-Wesley, 2013. [Online]. Available: [https://books.google.co.id/books?id=JgFTUsIC0bUC&printsec=frontcover&source=gbs\\_atb#v=onepage&q&f=false](https://books.google.co.id/books?id=JgFTUsIC0bUC&printsec=frontcover&source=gbs_atb#v=onepage&q&f=false)
- [15] G. C. Hillar, *MQTT Essentials- A Lightweight IoT Protocol*. Birmingham:Packt Publishing Ltd, 2017. [Online]. Available: [https://books.google.co.id/books?id=40EwDwAAQBAJ&dq=what+is+MQTT&lr=&source=gbs\\_navlinks\\_s](https://books.google.co.id/books?id=40EwDwAAQBAJ&dq=what+is+MQTT&lr=&source=gbs_navlinks_s)