

DAFTAR PUSTAKA

- [1] V. Yuliaminuddin, Krismes, and J. Bintoro, "Prototipe Sistem Kontrol dan Monitoring Pada Tangki Air Berbasis Internet Of Things," *Jurnal Autocracy*, vol. 7, no. 1, pp. 27–34, 2020, doi: 10.21009/autocracy.071.5.
- [2] I. Khoirul Anaam, T. Hidayat, R. Yuga Pranata, H. Abdillah, and A. Yhuto Wibisono Putra, "Pengaruh Trend Otomasi Dalam Dunia Manufaktur dan Industri," *Vocational Education National Seminar (VENS)*, vol. 1, no. 1, pp. 46–50, 2022.
- [3] S. Rumlatur, E. P. Sianipar, and P. Saint Paul Sorong, "Sistem Kontrol Otomatis Pengisian Tangki Bbm dan Monitoring Suhu Menggunakan PLC," *Jurnal Elektro Luceat*, vol. 6, no. 1, pp. 5–19, 2020.
- [4] A. Kurniawan, J. Prananda, E. S. Koenhardono, S. Sarwito, I. R. Kusuma, and A. A. Masroeri, "Pembuatan Modul Tutorial Dasar Ladder Diagram Programmable Logic Controller Dalam Jejaring," *Jurnal Abdimas PHB*, vol. 4, no. 2, pp. 140–146, 2021, doi: 10.30591/japhb.v4i2.2189.
- [5] A. Budiman, Sunariyo, and Jupriyadi, "Sistem Informasi Monitoring dan Pemeliharaan Penggunaan Scada (Supervisory Control and Data Acquisition)," *Jurnal TEKNO KOMPAK*, vol. 15, no. 2, pp. 168–179, 2021, doi: 10.33365/jtk.v15i2.1159.
- [6] Hamdani and Sofyan, "Integrasi Sistem Otomasi Industri Menggunakan SCADA," *Prosiding Seminar Nasional Penelitian & Pengabdian Kepada Masyarakat*, vol. 4, no. 1, pp. 47–50, 2019.
- [7] M. W. Lestari, "Sistem Scada Level Air Dalam Tangki Menggunakan PLC dan Sensor MPM4700 Intelligent Level Transmitter," *Jurnal Borneo Informatika & Teknik Komputer*, vol. 2, no. 1, pp. 50–58, 2022, doi: 10.35334/jbit.v2i1.2739.
- [8] E. Maharddhika and B. L. Widjiantoro, "Rancangan Observer Kecepatan untuk Motor DC pada PLC," *JURNAL TEKNIK ITS*, vol. 9, no. 2, pp. 236–241, 2020, doi: 10.12962/j23373539.v9i2.55160.
- [9] A. E. Korial and I. I. Gorial, "System Analysis and Controllers Performance Comparison for D.C. Motor," *International Journal of Mechanical*

- Engineering and Robotics Research*, vol. 11, no. 7, pp. 520–526, Jul. 2022, doi: 10.18178/ijmerr.11.7.520-526.
- [10] F. Kurnia, “Perancangan Sistem SCADA Untuk Integrasi Dua Plc yang Berbeda Merk,” Universitas Parahyangan, Bandung, 2018.
- [11] I. D. Pranowo, Y. B. T. Bagastama, and T. A. F. Wibisono, “Communication between PLC different vendors using OPC server improved with application device,” *Telkomnika (Telecommunication Computing Electronics and Control)*, vol. 18, no. 3, pp. 1491–1498, 2020, doi: 10.12928/TELKOMNIKA.v18i3.14757.
- [12] S. Wahyu Jadmiko, A. Rafi Al Tahtawi, and A. Munandar, “Aplikasi Jaringan Komunikasi Master Slave pada Simulator Input-Output Berbasis Multi PLC-HMI,” *Seminar Nasional Teknik Elektro*, pp. 489–500, 2019.
- [13] O. Duymazlar and D. Engin, “Design and Application of OPC-based SCADA System with Multiple Controllers: An Electro-pneumatic Case Study,” in *2019 Innovations in Intelligent Systems and Applications Conference (ASYU)*, IEEE, Oct. 2019, pp. 1–6. doi: 10.1109/ASYU48272.2019.8946374.
- [14] M. Rif’an, “Rancang Bangun HMI SCADA dengan Delphi,” PT. Lestari Kiranatama, 2013.
- [15] Bentek Systems, “An Introduction to SCADA.” <https://www.scadalink.com/support/knowledge-base/an-introduction-to-scada/> (accessed Jan. 16, 2023).
- [16] H. Wicaksono, *SCADA Software dengan Wonderware InTouch: Dasar-Dasar Pemrograman*. Yogyakarta: Graha Ilmu, 2011.
- [17] D. Artanto, *Pemrograman Aplikasi Teknik: Pembuatan SCADA Dan Simulasinya*. Yogyakarta: Deepublish, 2022.
- [18] C. G. Renuka and K. S. Abhay, “OPC: OLE for Process Control,” *International Journal of Electrical and Electronics Engineers*, vol. 7, no. 2, pp. 419–430, 2015.
- [19] W. Bolton, *Programmable Logic Controller (PLC)*. Ciracas, Jakarta: Penerbit Erlangga, 2003.

- [20] B. Fandidarma, I. Sunaryantiningsih, and A. Pratama, “Pengatur Suhu Ruang Tertutup menggunakan PLC Schneider Twido Compact berbasis SCADA-Wonderware InTouch,” *Jurnal ELECTRA : Electrical Engineering Articles*, vol. 2, no. 2, pp. 1–11, 2022, doi: 10.25273/electra.v2i2.12246.
- [21] A. S. Romadhon, “Programmable Logic Controller,” Malang: Media Nusantara Creative, 2019.
- [22] D. H. Prastiko and A. Supardi, “Pengendali dan Monitoring Kecepatan Putar Motor Induksi 3 Fasa Berbasis PLC dan Expansion dengan HMI,” *EMITOR: Jurnal Teknik Elektro*, vol. 22, no. 2, pp. 168–176, 2022, doi: 10.23917/emiton.v22i2.19110.
- [23] M. A. Burhanuddin, “Simulasi Pembuatan Miniatur Lift 3 Lantai Dengan Menggunakan Sensor Load Cell Dan Infrared Berbasis Programmable Logic Controller (PLC) Schneider TM221CE16R Dan Human Machine Interface (HMI),” Universitas Diponegoro, Semarang, 2018.
- [24] Schneider Electric, “TM3AM6.” <https://www.se.com/id/id/product/TM3AM6/modicon-tm3-4-analog-inputs-2-analog-output-screw-24vdc/> (accessed Jan. 17, 2023).
- [25] ABB, “A dozen ways to measure fluid level.” <https://new.abb.com/products/measurement-products/level/a-dozen-ways-to-measure-fluid-level> (accessed Jan. 18, 2023).
- [26] T. Sasaki and T. Fujita, “Gap Traversing Motion via a Hexapod Tracked Mobile Robot Based on GapWidth Detection,” *Journal of Robotics and Mechatronics*, vol. 33, no. 2, pp. 665–675, 2021, doi: doi.org/10.20965/jrm.2021.p0665.
- [27] Sharp, “SHARP GP2Y0E03.” https://global.sharp/products/device/lineup/data/pdf/datasheet/gp2y0e03_e.pdf (accessed Jan. 20, 2023).
- [28] Pudak Scientific, “PT 93221 Servo Trainer.” https://www.pudak-scientific.com/image/katalog_tps_03.pdf (accessed Jan. 20, 2023).
- [29] F. Viadero and P. Flores, *New Trends in Mechanism and Machine Science*. Guimaraes: Springer International Publishing, 2016.

- [30] S. D. Chandra, “Desain Dan Implementasi Protokol Modbus Untuk Sistem Antrian Terintegrasi pada Pelayanan Surat Izin Mengemudi (SIM) di Kepolisian Resort,” Institut Teknologi Sepuluh Nopember, Surabaya, 2016.
- [31] A. Jading, Reniana, and B. Ollin Paga, *Pengukuran dan Instrumentasi*. Sleman: Deepublish, 2020.
- [32] S. Kangovi, *Peering Carrier Ethernet Networks*. Cambridge: Todd Green, 2017.
- [33] M. Hasbi and N. R. Saputra, “Analisis Quality Of Service (QoS) Jaringan Internet Kantor Pusat King Bukopin Dengan Menggunakan Wireshark,” vol. 12, no. 1, pp. 17–23, 2021.