DAFTAR PUSTAKA

[1] Y. A. Cengel, HEAT TRANSFER A Practical Approach, New York: McGraw-Hill Education, 2004.

[2] T. E. ToolBox, "Thermodynamic Properties of Saturated Steam: Data & Charts in Bar," 2003. [Online]. Available: https://www.engineeringtoolbox.com/saturated-steam-properties-d_457.html. [Accessed 7 Maret 2026].

[3] Rockwell Automation, "5069-L320ER CompactLogix Controller," Rockwell Automation, [Online]. Available: www.rockwellautomation.com/en-us/products/details.5069-L320ER.html. [Accessed 7 Maret 2026].

[4] Rockwell Automation, "Compact 5000 I/O and Speciality Modules Spesifications," Mei 2024. [Online]. Available: www.rockwellautomation.com. [Accessed 7 Maret 2026].

[5] Weidmuller, "Data Sheet UC20-M4000," Oktober 2024. [Online]. Available: https://www.weidmuller.com/en/products/automation_software/controls/index.jsp#wm-586938. [Accessed 7 Maret 2026].

[6] UNITECH, "RTD & TC TEMPERATURE SENSOR," [Online]. Available: www.unitechinstrument.com. [Accessed 7 Maret 2026].

[7] SCHUH TECHNOLOGY, "Digital Pressure Measurement," [Online]. Available: www.schuhtechnology.com. [Accessed 7 Maret 2026].

[8] SPRIANO BY TERANOVA, "Control Valve Spriano," [Online]. Available: www.terranova-instruments.com. [Accessed 7 Maret 2026].

[9] ControlAir, "Type 550X," [Online]. Available: www.controlair.com/product/type-550x-i-p-e-p-transduce. [Accessed 7 Maret 2026].

[10] M. Kamyar, "Takagi-Sugeno Fuzzy Modeling for Process Control," *Industrial Automation, Robotics and Artificial Intelligence (EEE8005),* 2008.

[11] PLC Programming.io, "Factory Talk View Studio," PLC Programming.io, [Online]. Available: https://plcprogramming.io/blog/factorytalk-view-studio-tutorial-complete-guide. [Accessed 7 Maret 2026].

[12] D. A. S. R. M. A. Aparna Saisree Thuluvaa, "Semantic Node-RED for Rapid DevelopmentofI nteroperable Industrial IoT Applications," *IndustrialIoT,* no. Semantic, 2019.

[13] C. E. Spurgeon, Ethernet The Definitive Guide, New York: O Reilly Media, 2000.

[14] Rockwell Automation, "Bulletin 1606-XLE, -XLP, -XLS," Agustus 2013. [Online]. Available: https://literature.rockwellautomation.com/idc/groups/literature/documents/pp/1606-pp003_-en-p.pdf. [Accessed 7 Maret 2026].

[15] ABB, "Coriolis mass flowmeter CoriolisMaster FCB430 and FCB450," Februari 2026. [Online]. Available: https://new.abb.com/products/measurement-products/flow/coriolis-mass-flowmeters/coriolismaster-fcb400-coriolis-mass-flowmeter. [Accessed 8 Maret 2026].

[16] kadinbsd, "The FMCG Surge Behind Indonesia's Strengthening Economy," KADIN INDONESIA, 12 Desember 2025. [Online]. Available: https://bsd-kadin.id/2025/12/12/the-fmcg-surge-behind-indonesias-strengthening-economy/?utm_source=chatgpt.com. [Accessed 16 Januari 2026].

[17] K. I. R. Indonesia, "Roadmap Indonesia Emas 2045:," Kementerian Investasi/BKPM Republik Indonesia, Jakarta, 2023.

[18] S. A. A. S. T. A. H. A. C. T. R. T. Imaduddin, "Pengaruh Teknologi Industri 5.0 terhadap Efisiensi Manajemen Produksi di Perusahaan Manufaktur," *EKOMA:JurnalEkonomi,Manajemen,Akuntansi,* vol. IV, no. 1, 2024.

[19] G. L. D. S. R. B. S. S. M. R. H. Y. P. Anggita Muhamad Maulan, "Pengaruh Sistem Otomasi Robotik Terhadap Proses Produksi Mencakup Efisiensi Biaya, Waktu, Dan Kualitas Produk Menggunakan Metode Analisis Data Statistik," *Global: Jurnal Lentera BITEP ,* vol. III, no. 1, 2025.

[20] A. H. L. H. Itmi Hidayat Kurniawan, "Penerapan Otomasi Industri Berbasis Programmable Logic Controlleruntuk Penyortiran Barang Berdasarkan Warna Menggunakan Sensor Vision," *JURNAL RISET REKAYASA ELEKTRO,* vol. VI, no. 2, 2024.

[21] M. M. S. T. p. A. S. S. V. S. G. Ritu Pal, "Comparative Analysis of Load Frequency Control Strategies: PID, Fuzzy Logic, and Model Predictive Control (MPC)," *International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE),* 2024.

[22] M. B. A. V. Diana Dzurkova, "Implementation of Fuzzy Logic Controllers on Laboratory System of Heat Exchangers," *Cybernetics & Informatics (K&I),* 2022.

[23] H. N. C. S. A. N. Achmad Fathoni, "Optimization Moisture Content Using Fuzzy Logic Based on Programmable Logic Controller (PLC) for Soap Drying Process," *Conference on Management and Engineering in Industry (CMEI),* vol. V, 2023.

[24] F. D. T. D. N. Hoang Viet Nguyen, "Optimal FLC-Sugeno Controller based on PSO for an Active Damping System," *Engineering, Technology & Applied Science Research,* 2024.

[25] H. M. H. S. A. MohammedH.Qaisa, "Whale optimization algorithm-based Sugeno fuzzy logic controller for fault ride-through improvement of grid-connected variable speed wind generators," *EngineeringApplicationsofArtificial Intelligence,* 2020.

[26] G. S. Jozsef Kopjak, "Event-driven Fuzzy Inference System Implementation in Node-RED," *International Symposium on Intelligent Systems and Informatics,* 2019.

[27] K. Tanaka and H. O. Wang, *Fuzzy Control Systems Design and Analysis: A Linear Matrix Inequality Approach*. New York, NY, USA: Wiley, 2001.

[28] T. Takagi and M. Sugeno, “Fuzzy identification of systems and its applications to modeling and control,” *IEEE Transactions on Systems, Man, and Cybernetics*, vol. SMC-15, no. 1, pp. 116–132, 1985.