DAFTAR PUSTAKA

[1] H. Bowo Cahyono Balai Riset Dan Standardisasi Industri Surabaya Surabaya and R. Yuliastuti Balai Riset Dan Standardisasi Industri Surabaya Surabaya, "Aplikasi Canting Listrik pada Industri Batik Tulis untuk Mendukung Implementasi Industri Hijau pada Industri Tekstil Pencelupan, Pencapan dan Penyempurnaan Use of Electrical Canting in Handwritting Batik Industry to Supports the Implementation of Green Industry Textile, Dyeing and Improvement Textile Industry," 2020.

[2] A. Hermawati, S. Bahri, U. Widyagama Malang, and K. Kunci, "CANTING ELEKTRIK ALTERNATIF MEDIA OPTIMALKAN PRODUK BATIK LASEM MOTIF KOMBINASI PADA UKM KECAMATAN LASEM, KOTA REMBANG."

[3] T. I. Widodo, F. M. Pratama, M. I. Rofif, F. A. Waskita, and M. F. N. Maghfiroh, "Innovative canting: A triz approach to improve traditional batik production process in small and medium enterprise," *Jurnal Sistem dan Manajemen Industri*, vol. 9, no. 1, pp. 31–42, Jun. 2025, doi: 10.30656/jsmi.v9i1.10250.

[4] B. Moyoretno, "RANCANG BANGUN CANTING BATIK LISTRIK." [Online]. Available: www.pppgkes.com/modules.php

[5] C. Faradila, S. Sulandari, H. I. Lubis, R. P. Darmawan, S. Irawan, and R. Juliani, "Modification of Microcontroller-Based Batik Canting as A Temperature and Viscosity Control of Night Wax," *Jurnal Geliga Sains: Jurnal Pendidikan Fisika*, vol. 10, no. 2, p. 161, Jan. 2023, doi: 10.31258/jgs.10.2.161-168.

[6] M. Ali, "PID Controller Design for Heating Furnace Temperature Based on Bat Algorithm (BA)," 2023. [Online]. Available: http://jurnal.unmer.ac.id/index.php/jeemecs

[7] S. P, S. D.N, and P. B, "Temperature Control using Fuzzy Logic," *International Journal of Instrumentation and Control Systems*, vol. 4, no. 1, pp. 1–10, Jan. 2014, doi: 10.5121/ijics.2014.4101.

[8] M. Alung Chaiyura Chanpal, Daniel Indra Saputra Manurung, and Daniel Sutopo Pamungkas, "Performance Comparison of Fuzzy Mamdani and Sugeno in Curtain and Lighting Control," *Journal of Applied Electrical Engineering*, vol. 9, no. 2, pp. 131–140, Dec. 2025, doi: 10.30871/jaee.v9i2.10827.

[9] N. Suparmanto *et al.*, "ANALISIS KUALITAS EFESIENSI CANTING ELEKTRIK PADA CV. ASTOETIK INDONESIA

Quality Analysis of Electric Canting Efficiency on CV. Astoetik Indonesia."

[10] Z. A. Abduljabar, "Simulation and design of fuzzy temperature control for heating and cooling water system," *Int. J. Adv. Comput. Technol.*, vol. 3, no. 4, pp. 41–48, May 2011, doi: 10.4156/ijact.vol3.issue4.5.

[11] T. Dewi Hendrawati, F. Arif Wicaksana, P. Narputro, and S. Rahayu, "Journal of Mechatronics and Artificial Intelligence Mamdani Fuzzy Logic-Based Room Temperature Monitoring and Control System," *Journal of Mechatronics and Artificial Intelligence*, vol. 59, no. 1, pp. 59–70, 2025, [Online]. Available: http://ejournal.upi.edu/index.php/jmai/

[12] V. Du Phan *et al.*, "Development of an Adaptive Fuzzy-Neural Controller for Temperature Control in a Brick Tunnel Kiln," *Electronics (Switzerland)*, vol. 13, no. 2, Jan. 2024, doi: 10.3390/electronics13020342.

[13] F. Aditya, Y. Vahira Agatha, S. Agung Shamsuddin, R. Dhelika, and D. Clarissa Aulia, "Temperature Control of Canting with Electric Heating for Batik Making."

[14] A. Nidhar, S. Prasetya, D. Mustofa Kamal Program Studi Magister Terapan Rekayasa Teknologi Manufaktur, and P. G. Negeri Jakarta Jl Siwabessy, "Perbandingan Kontrol Temperatur menggunakan Relay dan PID pada Oven Pengering berbasis Load Cell untuk Mengukur Kadar Air Buah," 2025. [Online]. Available: https://jurnal.polines.ac.id/index.php/rekayasa

[15] K. Rajeswari Subramaniam, C. T. Cheng, and T. Y. Pang, "Fuzzy Logic Controlled Simulation in Regulating Thermal Comfort and Indoor Air Quality Using a Vehicle Heating, Ventilation, and Air-Conditioning System," *Sensors*, vol. 23, no. 3, Feb. 2023, doi: 10.3390/s23031395.

[16] F. Imaduddin Adhim, I. Syahrial Akbar, F. Istiqomah, C. Weried Priananda, L. Putri Rahayu, and A. Musthofa, "FUZZY IMPLEMENTATION FOR TEMPERATURE CONTROL ON COFFEE ROASTER MACHINE," *IPTEK Jurnal Nasional AMORI*, vol. 3, no. 1, pp. 2024–2025.

[17] I. Soesanti and R. Syahputra, "A Fuzzy Logic Controller Approach for Controlling Heat Exchanger Temperature," *Journal of Electrical Technology UMY (JET-UMY)*, vol. 3, no. 4, 2019.

[18] S. P, S. D.N, and P. B, “Temperature Control using Fuzzy Logic,” *International Journal of Instrumentation and Control Systems*, vol. 4, no. 1, pp. 1–10, Jan. 2014, doi: 10.5121/ijics.2014.4101.

[19] P. Sugeng *et al.*, “INNOVATIVE ECONOMIC EMPOWERMENT BASED ON VILLAGE POTENTIAL RESOURCES RESEARCH TEAM.” [Online]. Available: www.fes.or.id

[20] A. K. Rizal and A. Muzakhim, “Optimizing the making of written batik on mori cloth automatically using programmed canting motion with temperature and feed rate analysis,” *Disseminating Information on the Research of Mechanical Engineering-Jurnal Polimesin*, vol. 23, no. 1, 2025, [Online]. Available: http://e-jurnal.pnl.ac.id/polimesin

[21] H. Bowo Cahyono Balai Riset Dan Standardisasi Industri Surabaya Surabaya and R. Yuliastuti Balai Riset Dan Standardisasi Industri Surabaya Surabaya, “Aplikasi Canting Listrik pada Industri Batik Tulis untuk Mendukung Implementasi Industri Hijau pada Industri Tekstil Pencelupan, Pencapan dan Penyempurnaan Use of Electrical Canting in Handwritting Batik Industry to Supports the Implementation of Green Industry Textile, Dyeing and Improvement Textile Industry,” 2020.

[22] N. Nedyalkov *et al.*, “Resistive Heater Element Based on a Conductive Line in AlN Ceramic Fabricated by Laser Processing,” *Materials*, vol. 18, no. 12, Jun. 2025, doi: 10.3390/ma18122861.

[23] F. Hendajani, A. Mughni, I. P. Wardhani, and A. Hakim, “Modeling Automatic Room Temperature and Humidity Monitoring System with Fan Control on the Internet of Things,” *ComTech: Computer, Mathematics and Engineering Applications*, vol. 13, no. 2, pp. 75–85, Nov. 2022, doi: 10.21512/comtech.v13i2.7433.

[24] A. S. K. Mude, N. Bhoyar, S. Chaware, S. Bisen, A. Meshram, and A. Professor, “Solid State Relay,” 2024.

[25] E. S. Kustiawan and M. Dosen Teknik Elektro STT Yuppentek - Tangerang, “Eko Kustiawan , Meningkatkan efisiensi peralatan dengan menggunakan solid state relay (ssr) dalam pengaturan suhu pack pre-heating oven (pho) MENINGKATKAN EFISIENSI PERALATAN DENGAN MENGGUNAKAN SOLID STATE RELAY (SSR) DALAM PENGATURAN SUHU PACK PRE-HEATING OVEN (PHO) (Studi Kasus di PT Indonesia Toray Synthetics, Tangerang).”

[26] R. Septiana, I. Roihan, and R. A. Koestoer, “Denoising MAX6675 reading using Kalman filter and factorial design,” *International*