DAFTAR PUSTAKA

[1] D. Rudiyanto, N. Someyasa, and H. Gumiwang, "Prototype Baby Incubator Transport Dilengkapi dengan Sensor Suhu, Skin dan Kelembaban," 2018.

[2] B. Preeti and S. S. Kerur, "Design and implementation of low power multiplier using vedic multiplication technique," *IJCSC) Int. J. Comput. Sci. Commun.*, vol. 120, no. 6, pp. 767–785, 2012.

[3] A. Nandal and D. Kumar, "A Study on Adiabatic Logic Circuits for Low Power Applications," *Int. J. Eng. Res. Technol.*, vol. 5, no. 3, pp. 1–7, 2017.

[4] S. T and J. R. M, "Survey on Power Optimization Techniques for Low PowerVLSI Circuitsin Deep Submicron Technology," *Int. J. VLSI Des. Commun. Syst.*, vol. 9, no. 1, pp. 01–15, 2018, doi: 10.5121/vlsic.2018.9101.

[5] A. R. Chandrakasan, N. Verma, and D. C. Daly, "Ultralow-power electronics for biomedical applications," *Annu. Rev. Biomed. Eng.*, vol. 10, pp. 247–274, 2008, doi: 10.1146/annurev.bioeng.10.061807.160547.

[6] P. Anirvinnan, V. S. Parashar, D. Aneesh Bharadwaj, and B. S. Premananda, "Low power AVLS-TSPC based 2/3 pre-scaler," *Int. J. Eng. Adv. Technol.*, vol. 9, no. 1, pp. 6687–6693, 2019, doi: 10.35940/ijeat.A1974.109119.

[7] P. Kesehatan Kementerian Kesehatan Surabaya *et al.*, "Prosiding Seminar Nasional Kesehatan ECG Simulator dengan Digital To Analog Converter 12-Bit," *Pros. Semin. Nas. Kesehat. ECG Simulator dengan Digit. To Analog Convert. 12-Bit*, pp. 1–2, 2020.

[8] H. G. A. dan T. B. I. Wisnu Kusuma Wadanai, "Modifikasi Inkubator Bayi Dilengkapi Kontrol Suhu Dan Rangkaian Charge," 2015.

[9] A. D. Pratiwi, E. Yulianto, and A. Kholiq, "Infant Incubator Berbasis Proportional Integral dan Derivative (PID) Dilengkapi Dengan Mode Kanguru," *J. Teknokes*, vol. 12, no. 1, pp. 33–38, 2019, doi: 10.35882/teknokes.v12i1.6.

[10] B. Nurcahya, I. W. Widhiada, and I. G. A. Subagia, "Sistem Kontrol Kestabilan Suhu pada Inkubator Bayi Berbasis Arduino UNO dengan MATLAB / SIMULINK," *J. METTEK*, vol. 2, no. 1, pp. 35–42, 2016.

[11] M. Munadi, R. A. Pandu, R. Wiradinata, H. P. Julianti, and R. Setiawan, "Model and prototype of mobile incubator using PID controller based on Arduino Uno," *J. Teknol. dan Sist. Komput.*, vol. 8, no. 1, pp. 69–77, 2020, doi: 10.14710/jtsiskom.8.1.2020.69-77.

[12] K. Anggara, F. Hadi, and J. Haidi, "Pengembangan Sistem Monitoring Inkubator Bayi Prematur Secara Real Time Menggunakan Android," *J. Amplif. J. Ilm. Bid. Tek. Elektro Dan*

Komput., vol. 10, no. 2, pp. 1–8, 2020, doi: 10.33369/jamplifier.v10i2.15312.

[13] B. Panjaitan, S. Harahap, and S. Romadhon, "RANCANG BANGUN KONTROL KELEMBABAN PADA ALAT BABY INCUBATOR BERBASIS MIKROKONTROLLER ATMEGA 328 Oleh : Kesya Nirma Lumbantobing Sekolah Tinggi Ilmu Kesehatan Binalita Sudama ABSTRAK Kelembaban merupakan objek pengukuran yang terdapat dalam sistem akuisisi ," vol. 29, no. 1, pp. 155–160.

[14] A. Alimuddin, A. Ria, S. Irma, A. Rocky, P. Hasudungan, and T. Taufik, "Development and Performance Study of Temperature and Hybrid Controller," *Mdpi*, vol. 14, no. 20, p. 6505, 2021.

[15] S. B. Utomo, J. F. Irawan, A. Mujibtamala, M. I. Nari, and R. Amalia, "Automatic baby incubator system with fuzzy-PID controller," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 1034, no. 1, p. 012023, 2021, doi: 10.1088/1757-899x/1034/1/012023.

[16] I. Irianto, F. D. Murdianto, E. Sunarno, and D. D. Proboningtyas, "Comparison Method of PI, PID and Fuzzy Logic Controller to Maintain Speed Stability in Single Phase Induction Motors," *INTEK J. Penelit.*, vol. 8, no. 1, p. 7, 2021, doi: 10.31963/intek.v8i1.2687.

[17] J. A. Prihantono, "Pengaturan suhu dengan menggunakan kontrol PID," *J. Ind. Elektro dan Penerbangan*, 2000.

[18] Z. S. A. Rahman and F. S. A. Hussain, “Smart Incubator Based on PID Controller,” *Int. Res. J. Eng. Technol.*, vol. 4, no. 3, pp. 2501–2509, 2017, [Online]. Available: https://irjet.net/archives/V4/i3/IRJET-V4I3649.pdf.

[19] S. Shafiudin and N. Kholis, “Sistem Monitoring Dan Pengontrolan Temperatur,” *Jur. Tek. Elektro*, pp. 175–184, 2017.

[20] F. Fatiatun, A. D. Pratiwi, A. C. Wirdati, and N. Avifatun, “Penerapan Termodinamika Heating Dan Colling Pada Dispenser,” *J. Penelit. dan Pengabdi. Kpd. Masy. UNSIQ*, vol. 9, no. 2, pp. 146–150, 2022, doi: 10.32699/ppkm.v9i2.2658.

[21] L. Lonteng, E. K. Allo, and L. S. Patras, “Analisa Kemampuan Sumber DC (Baterai dan Charge) dalam Memenuhi Kebutuhan Gardu Induk Teling,” *Anal. Kemamp. Sumber DC (Baterai dan Charg. dalam Memenuhi Kebutuhan Gardu Induk Teling*, no. Dc, pp. 1–8, 2022.

[22] A. D. KURNIANTO, “Sistem Pemantauan Dan Pengendalian Arus Listrik Berbasis Mikrokontroler Pada Rumah Daya Rendah 450 Va,” *J. Chem. Inf. Model.*, vol. 53, no. 9, pp. 1689–1699, 2018.

[23] J. Arifin, I. E. Dewanti, and D. Kurnianto, “Prototipe Pendingin Perangkat Telekomunikasi Sumber Arus DC menggunakan Smartphone,” *Media Elektr.*, vol. 10, no. 1, pp. 13–29, 2017.

[24] M. B. R. Huda and W. D. Kurniawan, “ANALISA SISTEM PENGENDALIAN TEMPERATUR MENGGUNAKAN SENSOR DS18B20 BERBASIS MIKROKONTROLER ARDUINO Muhammad Bagus Roudlotul Huda Wahyu Dwi Kurniawan Abstrak,” *J. Tek. Mesin*, vol. 07, pp. 18–23, 2022.

[25] A. Supriyadi, A. Setyawan, and dan Jatmiko Endro Suseno, “Rancang Bangun Sistem Kendali Unit Pengolahan Air Bersih Berbasis Arduino Uno R3 Dan Nextion Nx4827T043_011R,” *Berk. Fis.*, vol. 22, no. 2, pp. 42–55, 2019.

[26] D. Aryani, I. J. Dewanto, and A. Alfiantoro, “Prototype Alat Pengantar Makanan Berbasis Arduino Mega,” *Petir*, vol. 12, no. 2, pp. 242–250, 2019, doi: 10.33322/petir.v12i2.540.

[27] B. G. Irianto, A. M. Maghfiroh, M. Sofie, A. Kholiq, S. D. Musvika, and D. A. Akbar, “Controlling the Temperature of PID System-Based Baby Incubator to Reduction Overshoot,” *Lect. Notes Electr. Eng.*, vol. 1008, pp. 529–541, 2023, doi: 10.1007/978-981-99-0248-4_35.