DAFTAR PUSTAKA

[1] H. Elkheshen, I. Deni, A. Baalbaky, M. Dib, L. Hamawy, and M. A. Ali, "Semi-Automated Self-Monitored Syringe Infusion Pump," *2018 Int. Conf. Comput. Appl.*, pp. 331–335.

[2] M. P. A. T. . Faizatul Rosyidah, Tri Bowo Indarto, "Monitoring Tetesan Infuse Pump dan Syringe Pump," *Journal*, vol. 1, p. 9, 2018.

[3] R. A. Snijder, M. K. Konings, P. Lucas, T. C. Egberts, and A. D. Timmerman, "Flow variability and its physical causes in infusion technology: A systematic review of in vitro measurement and modeling studies," *Biomed. Tech.*, vol. 60, no. 4, pp. 277–300, 2015, doi: 10.1515/bmt-2014-0148.

[4] H. SUTANTO, M. S. HAQQI, A.

SUBIANTORO, and B. KUSUMOPUTRO, "Sistem Pembangkit Laju-Aliran-Rendah Fluida Cair Presisi Tinggi menggunakan Kendali PID," *ELKOMIKA J. Tek. Energi Elektr. Tek. Telekomun. Tek. Elektron.*, vol. 10, no. 3, p. 712, 2022, doi: 10.26760/elkomika.v10i3.712.

[5]   P. Sulistyanto, "Syringe Pump Otomatis Berbasis Mikrokontroler Arduino Uno," p. 4, 2013.

[6]   M. Atmega, "Syringe pump menggunakan sistem pca + continues berbasis mikrokontroler atmega8535," vol. 8535, no. 10, pp. 1–11, 2009.

[7]   N. F. Hikmah, I. Sapuan, and Triwiyanto, "Rancang Bangun Syringe Pump Berbasis Mikrokontroler ATmega 8535 Dilengkapi Detektor Oklusi," *J. Phys. Appl.*, vol. 1, no. 3, pp. 74–91, 2013.

[8]   A. T. Putri, "7 Poltekkes Kemenkes Yogyakarta," *Poltekkes Kemenkes Yogyakarta*, no. 2005, pp. 7–29, 2020.

[9]   S. Megawati, "Monitoring Infus Menggunakan Sensor Load Cell," *Progr. Stud. Diii Tek. Komput. Politek. Harapan Bersama Tegal* , 2019.

[10]   N. Dokumen and T. Terbit, "Penggunaan infus pump," vol. limi, 2017.

[11]   A. I. Merah, "Perancangan Sistem Switching 16 Lampu Secara Nirkabel Menggunakan Remote Control," pp. 1–5.

[12]   A. Asrizal, Y. Yulkifli, and M. Sofia, "Penentuan Karakteristik Dari Sistem Pengontrolan Kelajuan Motor DC Dengan Sensor Optocoupler Berbasis Mikrokontroler AT89S52," *J. Otomasi Kontrol dan Instrumentasi*, vol. 4, no. 1, p. 25, 2012, doi: 10.5614/joki.2012.4.1.4.

[13]   L. E. Putri, Muhammad Ridha Mak'ruf,

and Abd. Kholiq, "Syringe Pump With Nearly Empty Based Microcontroller Atmega328," *J. Electron. Electromed. Eng. Med. Informatics*, vol. 1, no. 2, pp. 25–30, 2019, doi: 10.35882/jeeemi.v1i2.5.

[14] Rosalina, I. Qosim, and M. Mujirudin, "Analisis Pengaturan Kecepatan Motor DC Menggunakan Kontrol PID (Proportional Integral Derivative)," *Semin. Nas. TEKNOKA*, vol. 2, no. 2502–8782, pp. 89–94, 2017.

[15] N. Nugroho and S. Agustina, "Analisa Motor Dc (Direct Current) Sebagai Penggerak Mobil Listrik," *Mikrotiga*, vol. 2, no. 1, pp. 28–34, 2015.

[16] S. Syamsuar, R. Wibawaningrum, and H. Makarim, "Cara Kerja dan Penggunaan Motor Direct Current (DC)," *War. Penelit. Perhub.*, vol. 23, no. 5, p. 509, 2019, doi: 10.25104/warlit.v23i5.1108.

[17] Pirah Peerzadaa, Wasi Hyder Larika, and Aiman Abbas Maharb, "DC Motor Speed Control Through Arduino and L298N Motor Driver Using PID Controller," *Int. J. Electr. Eng. Emerg. Technol.*, vol. Vol. 04, no. No. 02, pp. 21–24, 2021, [Online]. Available: http://www.ijeeet.com/index.php/ijeeet/article/view/94

[18] I. R. Muttaqin and D. B. Santoso, "Prototype Pagar Otomatis Berbasis Arduino Uno Dengan Sensor Ultrasonic Hc-SR04," *JE-Unisla*, vol. 6, no. 2, p. 41, 2021, doi: 10.30736/je-unisla.v6i2.695.

[19] M. Amadri, "Amadri, Moch, 2015," *Libr. Politek. Negeri Bandung*, vol. 1937, pp. 5–45, 2020.

[20] A. A. N. Rohman, R. Hidayat, and F. R. Ramadhan, "Pemrograman Mesin Smart Bartender Menggunakan Saftware Arduini

IDE Berbasis Microcontroller ATmega2560," *Pros. Semin. Nas. Tek. Elektro*, vol. 6, pp. 14–21, 2021.

[21] R. Djokorayono, W. B. Santoso, M. Mugiyono, U. S. Gunawan, and B. Santosa, "RANCANG BANGUN SISTEM MONITOR RADIASI GAMMA DILENGKAPI TRANSMITTER SIGNAL 4-20mA PADA INSTALASI PENGOLAHAN BAHAN BAKAR NUKLIR," *PRIMA-Aplikasi dan Rekayasa dalam Bid. Iptek Nukl.*, vol. 18, no. 1, pp. 41–50, 2021.

[22] A. Juanda, "Perancangan Self-Tuning PID," pp. 5–23, 2009, [Online]. Available: https://elib.unikom.ac.id/files/disk1/365/jbp tunikompp-gdl-anggajuand-18247-4-babii.pdf

[23] R. Muhardian and K. Krismadinata, "Kendali Kecepatan Motor DC Dengan

Kontroller PID dan Antarmuka Visual Basic," *JTEV (Jurnal Tek. Elektro dan Vokasional)*, vol. 6, no. 1, p. 328, 2020, doi: 10.24036/jtev.v6i1.108034.

[24] B. A. B. Ii and T. Pustaka, "BAB II TINJAUAN PUSTAKA 2.1 Kendali PID (Proportional Integral Derivative) 2.1.1 Sistem Kendali PID," pp. 5–25.

[25] A. Juanda, "Perancangan Self-Tuning PID," pp. 5–23, 2009.

[26] H. M. Interface, L. E. D. Nixie, N. Editor, O. Download, and N. Display, "NX4832T035".

[27] Y. Refiyon and Y. P. Razi, "Pembangkit Getaran Frekuensi Rendah Menggunakan," vol. 1, no. April, pp. 73–80, 2014.