

## DAFTAR PUSTAKA

- [1] R. S. Hartanti And M. P. Aji. 2016 . “Analisis Konsentrasi Cairan Infus Terhadap Tegangan Pada Sensor Infus,” J. Ilmu Pendidik. Fis., Vol. 1 No 2, No. September, Pp. 45–48. Doi: 2477-8451.
- [2] R. Arviza, “Emboli Udara. 2013.” Refferate, Vol. 53, No. 9, Pp. 1689–1699. Doi: 10.1017/Cbo9781107415324.004
- [3] R Agussalim, AAdnan, M Nizwar. 2016. “Monitoring Cairan Infus “ Berdasarkan Indikator Kondisi Dan Laju Cairan Infus Menggunakan Jaringan WiFi.” . Jurnal Ilmiah Ilkom. 8(3), 145
- [4] Hartanti, R.S., Sulhadi & Aji, M.P. 2016. Analisis Konsentrasi Cairan Infus Terhadap Tegangan Pada Sensor Infus. Jurnal Ilmu Pendidikan Fisika. Vol 1(2), Hal 45-48.
- [5] Wardianto Dan Zafira Fihayah. 2016. “Simulasi Sensor Tetesan Ciran, Pada Infus Konvensional”. Jurnal Kesehatan, Volume Vii, Nomor 3. Hal 394-401.
- [6] Ulfa, H., Purwanto, S., & Hikayati, H. 2019. Prototype Sederhana Alat Monitoring Aliran Darah Naik Ke Selang Infus A Simple Prototype Blood Flow Monitoring Tool Goes Up To The Infusion Hose. Jurnal Keperawatan Sriwijaya, Vol. 6, No. 1, Pp. 27-34.
- [7] J. M. Rothschild, C. A. Keohane Bsn, S. Thompson, And D. W. Bates. 2003. “Intelligent Intravenous Infusion Pumps To Improve Medication Administration Safety.”
- [8] M Fathurrakhman, “Diduga Akibat Perawat Lalai, Bayi 4 Hari Tewas”, News.Okezone.Com. Diakses Tanggal 27 September 2023.
- [9] Free Press Hong Kong. 2023. “Premature Baby Dies At Hong Kong Hospital After Error Over Equipment Delays Infusion; Investigation Pledged”, Hongkongfp.Com. Diakses Tanggal 27 September 2023.

- [10] Mesi Yunia Sari. 2022. "Pengontrolan Dan Monitoring Infus Berbasis Teknologi Web Atau Aplikasi Internet Of Thing (Iot) Terhadap Pasien Kanker". Ners.Unair.Ac.Id. Diakses Tanggal 27 September 2023.
- [11] Hadhara, Fikri. 2023. "Alat Monitoring Infus Pasieberbasis Internet Of Things". Vol. 10. No.5. Doi : 2355-9365.
- [12] Githa Purwosunu, A., Pujiharsono, H., & Hikmah, I. (2023). Sistem Prediksi Pergantian Infus Berbasis Internet Of Things (Iot) Prediction System Of Infusion Replacement Based On Internet Of Things (Iot). Jtece) Jtece, 05(02), 86–96. <https://doi.org/10.20895/jtece.v5i2.1038>
- [13] Nuryanto Muljodipo, Sherwin R.U.A. Sompie, ST., MT, Reynold F. Robot, ST., M.Eng. 2015. "Rancang Bangun Otomatis Sistem Infus Pasien". E-Journal Teknik Elektro Dan Komputer Vol.4 No.4, ISSN: 2301-8402.
- [14] C Waitt, P Waitt, M Pirmohamed. 2004. Intravenous Therapy. Postgrad Med J 2004;80:1–6. Doi: 10.1136/pgmj.2003.010421.
- [15] Lawrence Adi Supriyono "Prototype Otomasi Infus Berbasis Fuzzy Logic" .2022. Elkom : Jurnal Elektronika Dan Komputer, 15(1), Pp. 82-88
- [16] Triady. R., Triyano D., Ilhamsyah .2015. "Prototipe Sistem Keran Air Otomatis Berbasis Sensor Flowmeter Pada Gedung Bertingkat" Jurnal Coding Sistem Komputer Untan. Vol 03, No. 3 (2015), Hal 25-34
- [17] Kurnia D., A., Kholiq Abd. 2019. "Pemantauan infus Pumpsecarawireless Menggunakan Modul RF HC-11" TEKNOKES, Vol. 12, No. 2, September 2019, Pp:1-8DOI:10.35882/Teknok.es.V12i2.1
- [18] Adinda Rizki "Manfaat Infus Beserta Rumus Tetesan Infus Mikro Dan Makro Untuk Pasien". <https://www.gamedia.com/literasi/penyebab-ekshibisionisme/>. Diakses Pada Tanggal 17 Januari 2024.
- [19] Audia Nizhma Nabila K., M. 2018. Biomed "Perhitungan Cairan Infus", E-Book. Pp. 1-8,

- [20] Yudha, Kryusna. "Apa Itu ESP32, Salah Satu Modul Wi-Fi Poppuler". .2022.Anakteknik.Co.Id.[Online].Available:Anakteknik.Co.Id/Krysnayudhamaulana/Articles/Apa-Itu-Esp32- Salah-Satu-Modul-Wi-Fi-Poppuler. Diakses tanggal 13 November 2023.
- [21] K. Keerthana. Vidhya. Shree. M. Janaki Dan J. Kanimozhi, "A Survey Of System Used In The Monitoring And Control Of Intravenous Infusion". 2019. IJET.,Vol. 11(1), Pp. 114–119.
- [22] Gitronik,Gigih.2015. Modul Penguat *Load Cell*. Sukolilo.Surabaya
- [23] Robotshop, "Datasheet 3133-Micro *Load Cell* (0-5kg) ZL.535 What Do Youhavetoknow?.Robotshop,P.4,2011,Oshe].<https://www.robotshop.com/media/files/pdf/datasheet-3133.pdf>.
- [24] Kadek, A. R. G., Ni, P.R.A., GT.N.B Gede K.A. 2022. "Rancang Bangun Alat Pemantauan Infus Berbasis Arduino Dengan Pendeteksian Berat Infus, Jumlah Tetesan Dan Penanda Darah Naik Pada Selang Infus", Jurnal Widya Kesehatan, Vol 4, No 2.
- [25] E. Mandayatma, 2018. "PENINGKATAN RESOLUSI SENSOR *LOAD CELL* PADA TIMBANGAN ELEKTRONIK," J. ELTEK, Vol. 16, P. 37, Aug, Doi: 10.33795/Eltek.V16i1.85.
- [26] HX711 24-Bit Analog-To-Digital Converter. [Online]. Available <https://datasheetspdf.com/pdf/842201/Aviasemiconductor/HX711/1> Diakses tanggal 15 November 2023
- [27] HX711: 24-Bit Delta Sigma ADC Interface For Weight Scale, Psoc Creator Component Datasheet, Infineon Technologies. 2020. [Online] Available:[https://community.infineon.com/gfawx74859/attachments/gfawx74859/codeexamples/546/7/HX711\\_V0\\_0\\_B.pdf](https://community.infineon.com/gfawx74859/attachments/gfawx74859/codeexamples/546/7/HX711_V0_0_B.pdf). Diakses tanggal 15 November.
- [28] Wibowo, M. A. A., Hunaini, F., & Effendy,D. U. 2018. Perancangan Dan Pembuatan Prototipe Line Follower Forklift. Widya Teknika, 26(2), 194–206.
- [29] Reflective Optical Sensor With Transistor Output, Vishay Semiconductors, 2009. [Online] Available : <https://datasheetspdf.com/pdf-file/377371/Vishaytelefunken/TCRT5000/1>. Diakses tanggal 15 November 2023.

- [30] Trisiani D. H., & Rafi A.R. 2021. "Sistem Pemantauan Tetesan Cairan Infus Berbasis Internet Of Things". Jurnal Ilmiah Telekomunikasi Elektronika Dan Listrik Tenaga.
- [31] A.P. Elga 2019 "Sensor Warna TCS3200". [Online] <https://www.edukasi-elektronika.com/2020/09/sensor-warna-tcs3200.html>. Diakses tanggal 17 November 2023.
- [32] TCS3200, [2009] Texas Advanced Optoelectronic Solutions Inc [Online] <https://www.mouser.com/catalog/specsheets/tcs3200-e11.pdf>. Diakses tanggal 20 November 2023.
- [33] ElectronicWings. 2023. TCS3200 Color Sensor Guide with Arduino Programming. [Online]. <https://www.electronicwings.com/sensors-modules/tcs3200-colour-sensor-module>. Diakses tanggal 22 Januari 2024
- [34] Athifa, S. F., & Rachmat, H. H. (2019). Evaluasi Karakteristik Deteksi Warna Rgb Sensor Tcs3200 Berdasarkan Jarak Dan Dimensi Objek. *Jetri : Jurnal Ilmiah Teknik Elektro*, 105–120. <https://doi.org/10.25105/jetri.v16i2.3459>
- [35] Syauqi, M. F., . J., Zaini, M., & . N.2022. "Implementasi Microcontroller Arduino Dalam Rancang Bangun Pendeteksi Naiknya Darah Pada Selang Infus". *Technologia : Jurnal Ilmiah*, 13(1), 72.
- [36] Datasheet. 2019. "ESP-32 WROOM-32 Datasheet V2.9, Espressif Systems,".
- [37] ESP32-Devkitc. 2023. V4 Getting Started Guide, Espressif Systems (Shanghai) Co., Ltd. [Online] <https://docs.espressif.com/projects/esp-idf/en/latest/esp32/esp-idf-en-master-esp32.pdf>. Diakses tanggal 20 November 2023.
- [38] Hilal, A., Dan Manan, S. 2013. "Pemanfaatan Motor Servo Sebagai Penggerak CCTV Untuk Melihat Alat-Alat Monitor Dan Kondisi Pasien Di Ruang ICU", *Gema Teknologi*, Vol. 17, No.2.
- [39] Sg90 Datasheet (Html) 1 Page - List Of Unclassified Manufacturers [Online]. Available <https://html.alldatasheet.com/html-pdf/1572383/etc/sg90/59/1/sg90.html>. 20 November 2023.
- [40] Handson Technology, 2008. "12C Interface 20x4 LCD Module". [Online] [https://www.handson-tec.com/dataspecs/I2C\\_2004\\_LCD.pdf](https://www.handson-tec.com/dataspecs/I2C_2004_LCD.pdf). 11 Januari 2024

- [41] F. Djuandi, 2011. "Pengenalan Arduino," E-Book. Tobuku, Pp. 1–24.
- [42] Doug Stevenson. 2018. "What is *Firebase*? The complete story, abridged". [Online] <https://medium.com/firebase-developers/what-is-firebase-the-complete-story-abridged-bcc730c5f2c0> . Diakses tanggal 19 Januari 2024.
- [43] Dinesh Rawal. 2017. "Traditional Infrastructure vs *Firebase* Infrastructure", International Journal for Scientific Research & Development| (IJSRD), Vol.5, Issue 4.
- [44] Huhaaz. 2021. "Apa itu *Firebase*? Manfaatkan Alat dan Infrakstuktur dari Google untuk Developer (Kelebihan & Kekurangan)".[Online] <https://www.muhaaz.com/2017/02/apa-itu-firebase-manfaatkan-alat-dan-infrakstuktur-dari-google-untuk-developer-kelebihan-kekurangan/>. Diakses pada tanggal 19 Januari 2024.
- [45] Rangkuti, Freddy. 2008. "Analisis SWOT Teknik Membedah Kasus Bisnis". Jakarta: PT. Gramedia Pustaka Utama.
- [46] Kasmir. 2014." Analisis Laporan Keuangan". Jakarta: Raja Grafindo Persada.
- [47] Didit Sumardiyanto; Setiawan Putra. 2015. "Alat Pengolahan Limbah Filamen 3d Print Dengan Material Polylactic Acid (Pla)" Jurnal Kajian Teknik Mesin Volume 6 Nomor 2
- [48] Randomnertutorials." Arduino with *Load Cell* and HX711 Amplifier (Digital Scale)". Available : <https://randomnertutorials.com/arduino-load-cell-hx711/> . Diakseses pada tanggal 12 Agustus 2024.