

DAFTAR PUSTAKA

- [1] A. A. Abu Bakar, Z. Abu Bakar, Z. Mohd Yusoff, M. J. Mohamed Ibrahim, N. A. Mokhtar, and S. N. Zaiton, "IoT-Based Real-Time Water Quality Monitoring and Sensor Calibration for Enhanced Accuracy and Reliability," *International Journal of Interactive Mobile Technologies (IJIM)*, vol. 19, no. 01, pp. 155–170, Jan. 2025, doi: 10.3991/ijim.v19i01.51101.
- [2] M. Guerbaoui et al., "From Data to Decisions: A Smart IoT and Cloud Approach to Environmental Monitoring," *E3S Web of Conferences*, vol. 601, p. 00008, Jan. 2025, doi: 10.1051/e3sconf/202560100008.
- [3] T. Parmar, "Predictive Maintenance in Semiconductor Manufacturing: Leveraging IoT Sensor Data for Equipment Reliability," *INTERANTIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT*, vol. 09, no. 01, pp. 1–7, Jan. 2025, doi: 10.55041/IJSREM7616.
- [4] N. Noprianto, H. E. Dien, S. E. Sukmana, F. Al Baity, and M. Mentari, "Empowering IoT: leveraging data sensor communication with LoRAWAN in diverse environments," *Acta Polytechnica*, vol. 64, no. 6, pp. 539–549, Jan. 2025, doi: 10.14311/AP.2024.64.0539.
- [5] Y. XIAO et al., "Generation method of non-intrusive load monitoring data based on hybrid model," *Journal of Shenzhen University Science and Engineering*, vol. 42, no. 1, pp. 85–93, Jan. 2025, doi: 10.3724/SP.J.1249.2025.01085.
- [6] S. Erdoğan and S. Çindemir, "Investigation of Force Measurement Processes of Load Cells Using STM32G030F6P6TR Microcontroller and HX711 24 Bit Analog to Digital," in *2024 15th National Conference on Electrical and Electronics Engineering (ELECO)*, IEEE, Nov. 2024, pp. 1–5. doi: 10.1109/ELECO64362.2024.10847210.
- [7] M. Siva Lakshmi, E. Andrea Gracelin, G. Gifita, A. Andrew Roobert, and M. Suresh Chinnathampy, "Circuit Design for Accurate Digitized Urine Weight Measurement," in *Circuit Design for Modern Applications*, Boca Raton: CRC Press, 2025, pp. 137–149. doi: 10.1201/9781003483052-9.
- [8] M. Aydın and İ. Gürbüz, "IoT based a low cost battery monitoring system using ESP8266 and Arduino IoT cloud platform," *International Journal of Automotive Engineering and Technologies*, vol. 13, no. 4, pp. 170–179, Dec. 2024, doi: 10.18245/ijaet.1553298.
- [9] W. B. A. Santos, A. Bulhões-Correia, P. F. Almeida-Neto, J. F. Rangel, R. A. Ribeiro, and K. L. Bessa, "Adaptation of a Load Cell for the Precise Assessment of Diverse Karate Punch Techniques," Jan. 08, 2025. doi: 10.21203/rs.3.rs-5762707/v1.
- [10] Dhadkan Shrestha, Peshal Nepal, Pratik Gautam, and Pradeep Oli, "Real-time animal monitoring system using pulse, temperature, and GPS sensor," *World Journal of Advanced Research and Reviews*, vol. 24, no. 3, pp. 1184–1198, Dec. 2024, doi: 10.30574/wjarr.2024.24.3.3814.
- [11] F. J. Ávila, "An Arduino-Powered Device for the Study of White Perception beyond the Visual Chromatic Critical Flicker Fusion Frequency," *J Imaging*, vol. 10, no. 7, p. 163, Jul. 2024, doi: 10.3390/jimaging10070163.

- [12] Y. Sushma, C. J. Lakshmi, K. Rajesh, V. Hemanth, and V. Sowmyarao, "IoT Based Soil Nutrient Monitoring and Analysis System," in *2024 International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS)*, IEEE, Dec. 2024, pp. 348–353. doi: 10.1109/ICICNIS64247.2024.10823219.
- [13] Bhoomika C, Ankith I N, Karthik S Kashyap, Karthik, and Dr. Ganesh V N, "A Review on Plant Monitoring System using ESP8266," *International Journal of Advanced Research in Science, Communication and Technology*, pp. 346–352, Dec. 2024, doi: 10.48175/IJARSCT-22850.
- [14] N. Rompho, S. Vinayavekhin, C. Sajjanit, and K. Asatani, "Evolving landscape of performance measurement research: a bibliometric analysis," *Measuring Business Excellence*, vol. 28, no. 3/4, pp. 439–457, Nov. 2024, doi: 10.1108/MBE-12-2023-0197.
- [15] V. K, "Measurement of Force Using Load Cell," *Int J Res Appl Sci Eng Technol*, vol. 12, no. 8, pp. 77–82, Aug. 2024, doi: 10.22214/ijraset.2024.63839.
- [16] Tito Ahmad Fauzan, Rahman Arifuddin, and Resi Dwi Jayanti Kartika Sari, "Sistem Manajemen Baterai Pada Peralatan Catu Daya Di Equipment Room Stasiun Manggarai Dengan Aplikasi Blynk Berbasis Esp8266," *Uranus : Jurnal Ilmiah Teknik Elektro, Sains dan Informatika*, vol. 2, no. 3, pp. 174–195, Jul. 2024, doi: 10.61132/uranus.v2i3.270.
- [17] V. HAVRAN, "DETERMINING THE WEIGHT OF OIL EXTRACTED WITH A SCREW PRESS USING A STRAIN GAUGE SENSOR, HX711 MODULE, AND ARDUINO," *Herald of Khmelnytskyi National University. Technical sciences*, vol. 331, no. 1, pp. 73–76, Feb. 2024, doi: 10.31891/2307-5732-2024-331-12.
- [18] G. A. Mutiara, G. I. Hapsari, M. R. Alfarisi, Periyadi, L. Meisaroh, and N. N. Adisty Hadian, "Body Weight-Based Animal Laboratory Classification Utilizing Load Cell and IoT," in *2024 12th International Conference on Information and Communication Technology (ICoICT)*, IEEE, Aug. 2024, pp. 425–431. doi: 10.1109/ICoICT61617.2024.10698569.