

## DAFTAR PUSTAKA

- (PEMDA KALTIM). (2011). *Peraturan Daerah Provinsi Kalimantan Timur Nomor 02 Tahun 2011 Tentang Pengelolaan Kualitas Air dan Pengendalian Pencemaran Air*. 64, 10–14.
- Ajith Jerom, B., Manimegalai, R., & Manimegalai, R. (2020). An IoT Based Smart Water Quality Monitoring System using Cloud. *International Conference on Emerging Trends in Information Technology and Engineering, Ic-ETITE 2020*. <https://doi.org/10.1109/ic-ETITE47903.2020.450>
- Al-Khashab, Y., Daoud, R., Majeed, M., & Yasen, M. (2019). Drinking water monitoring in mosul city using IoT. *ICCISTA 2019 - IEEE International Conference on Computing and Information Science and Technology and Their Applications 2019*, 1–5. <https://doi.org/10.1109/ICCISTA.2019.8830662>
- Arun, A., Abisha Sugirtharani, J., Jenifer Mercy Carolina, P., & Angel Teresa, C. (2019). Smart Water Management in Agricultural Land Using IoT. *2019 5th International Conference on Advanced Computing and Communication Systems, ICACCS 2019*, 708–711. <https://doi.org/10.1109/ICACCS.2019.8728529>
- Badamasi, Y. A. (2014). The working principle of an Arduino. *Proceedings of the 11th International Conference on Electronics, Computer and Computation, ICECCO 2014*. <https://doi.org/10.1109/ICECCO.2014.6997578>
- Bhatt, J., & Jignesh, P. (2016). IOT Based Water Quality Monitoring System. *SSRN Electronic Journal*, 4, 44–48. <https://doi.org/10.2139/ssrn.3645467>
- Billah, M. M., Yusof, Z. M., Kadir, K., Ali, A. M. M., & Ahmad, I. (2019). Real-time Monitoring of Water Quality in Animal Farm: An IoT Application. *2019 IEEE 6th International Conference on Smart Instrumentation, Measurement and Application, ICSIMA 2019, August*, 27–29.

<https://doi.org/10.1109/ICSIMA47653.2019.9057320>

- Budiarti, R. P. N., Tjahjono, A., Hariadi, M., & Purnomo, M. H. (2019). Development of IoT for Automated Water Quality Monitoring System. *Proceedings - 2019 International Conference on Computer Science, Information Technology, and Electrical Engineering, ICOMITEE 2019, 1*, 211–216. <https://doi.org/10.1109/ICOMITEE.2019.8920900>
- Chursin, G., & Semenov, M. (2020). Using an ESP8266 Microcontroller to Develop a Learning Game. *Journal of Physics: Conference Series, 1611*(1). <https://doi.org/10.1088/1742-6596/1611/1/012059>
- Daigavane, V. V., & Gaikwad, D. M. . (2017). Water Quality Monitoring System Based on IoT. *ICDCS 2020 - 2020 5th International Conference on Devices, Circuits and Systems, 10*(5), 279–282. <https://doi.org/10.1109/ICDCS48716.2020.243598>
- Hamid, S. A., Rahim, A. M. A., Fadhlullah, S. Y., Abdullah, S., Muhammad, Z., & Leh, N. A. M. (2020). IoT based Water Quality Monitoring System and Evaluation. *Proceedings - 10th IEEE International Conference on Control System, Computing and Engineering, ICCSCE 2020, August*, 102–106. <https://doi.org/10.1109/ICCSCE50387.2020.9204931>
- Hattaraki, S., Patil, A., & Kulkarni, S. (2020). Integrated Water Monitoring and Control System-IWMCS. *Proceedings of B-HTC 2020 - 1st IEEE Bangalore Humanitarian Technology Conference*. <https://doi.org/10.1109/B-HTC50970.2020.9297890>
- Katamba, P., & Djoh, R. K. (2017). Prediksi Tingkat Produksi Kopi Menggunakan Regresi Linear. *Jurnal Ilmiah FLASH, 3*(1), 42–51. <http://jurnal.pnk.ac.id/index.php/flash/article/view/136>
- Lee, I., & Lee, K. (2015). The Internet of Things (IoT): Applications, investments, and challenges for enterprises. *Business Horizons, 58*(4), 431–440. <https://doi.org/10.1016/j.bushor.2015.03.008>

- Marathe, R., Tapale, M., Jadhav, V., Hulbatte, V., & Pawar, A. (2021). IoT based water leakage detection using smart objects for smart city. *Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021, Icicv*, 415–419. <https://doi.org/10.1109/ICICV50876.2021.9388562>
- Memon, A. R., Memon, S. K., Memon, A. A., & Memon, T. D. (2020). IoT Based Water Quality Monitoring System for Safe Drinking Water in Pakistan. *2020 3rd International Conference on Computing, Mathematics and Engineering Technologies: Idea to Innovation for Building the Knowledge Economy, ICoMET 2020*, 2–8.
- Montgomery, D. C., Peck, E. A., & Vining, G. G. (2012). *Introduction to Linear Regression Analysis Fifth Edition*.
- Montironi, M. A., Qian, B., & Cheng, H. H. (2017). Development and application of the ChArduino toolkit for teaching how to program Arduino boards through the C/C++ interpreter Ch. *Computer Applications in Engineering Education*, 25(6), 1053–1065. <https://doi.org/10.1002/cae.21854>
- Nobari, A. D., Reshadatmand, N., & Neshati, M. (2017). Analysis of telegram, an instant messaging service. *International Conference on Information and Knowledge Management, Proceedings, Part F1318*, 2035–2038. <https://doi.org/10.1145/3132847.3133132>
- Nugroho, C. (2016). Pengaruh Mengkonsumsi Buah Nanas Terhadap pH Saliva Pada Santriwati Usia 12-16 Tahun Pesantren Perguruan Sukahideng Kabupaten Tasikmalaya. *Journal ARSA*, 11(1), 10–15.
- P, R., K, S., S, S., A, S., G, T., & R, P. (2020). Sensor Based Waste Water Monitoring for Agriculture Using IoT. *International Conference on Advanced Computing & Communication Systems (ICACCS)*, 4–7.
- Pasha, S. (2016). Thingspeak Based Sensing and Monitoring System for IoT with Matlab Analysis. *Int. J. New Technol. Res.*, 2(6), 19–23.

- Ranjan, V., Reddy, M. V., Irshad, M., & Joshi, N. (2020). The Internet of Things (IOT) Based Smart Rain Water Harvesting System. *2020 6th International Conference on Signal Processing and Communication, ICSC 2020*, 302–305. <https://doi.org/10.1109/ICSC48311.2020.9182767>
- Ray, A., & Goswami, S. (2020). IoT and Cloud Computing based Smart Water Metering System. *2020 International Conference on Power Electronics and IoT Applications in Renewable Energy and Its Control, PARC 2020*, 308–313. <https://doi.org/10.1109/PARC49193.2020.236616>
- Sairam Nadipalli, L. S. P., Sai Akhil, D., Kumar, A. A., & Ganesh, N. (2021). Water Conservation Control by using IoT Smart Meter. *Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021, Iccmc, 448–452*. <https://doi.org/10.1109/ICCMC51019.2021.9418251>
- Samanta, S., Khan, K. K., Bhattacharyya, A., Das, S., & Barman, A. (2016). Home Automation Using Arduino and ESP8266. *m(9)*, 1446–1456.
- Wahyudin, I., Widodo, S., & Nurwaskito, A. (2018). Analisis Penanganan Air Asam Tambang Batubara. *Jurnal Geomine, 6(2)*, 85–89. <https://doi.org/10.33536/jg.v6i2.214>