

## DAFTAR PUSTAKA

- Abidin, A. U., Munawaroh, A. L., Rosinta, A., Sulistiyani, A. T., Ardianta, I., & Iresha, F. M. (2025). Environmental health risks and impacts of PM2.5 exposure on human health in residential areas, Bantul, Yogyakarta, Indonesia. *Toxicology Reports*, 14. <https://doi.org/10.1016/j.toxrep.2025.101949>
- Arrahma, S. A., & Mukhaiyar, R. (2023). Pengujian Esp32-Cam Berbasis Mikrokontroler ESP32. *JTEIN: Jurnal Teknik Elektro Indonesia*, 4(1), 60–66. <https://doi.org/10.24036/jtein.v4i1.347>
- Asri, V., & Irfan, M. N. (2024). Pengembangan Sistem Monitoring Kualitas Udara Dalam Ruangan Berbasis IoT dengan Sensor MQ-135 dan DHT22. *Journal of Renewable Energy and Smart Device*. <https://journal.lontaradigitech.com/JORESD/article/view/688>
- Azizah, D. N., Heranurweni, S., & Idris, L. O. M. (2025). Internet of Things Based Air Quality Monitoring System with Automatic Notification. *MALCOM: Indonesian Journal of Machine Learning and Computer Science*, 5(3), 776–787. <https://doi.org/https://doi.org/10.57152/malcom.v5i3.1945>
- Damero Siregar, A., Maria, S., Pinem, F., Citra, E., Ginting, D., & Marbun, S. F. (2025). Pemetaan Kualitas Udara Kota Medan Pada Tahun 2025 Dengan Menggunakan Sistem Informasi Geografi (SIG). *Jurnal Intelek Insan Cendikia*, (Vol. 2 No. 12 (2025): Desember 2025). <https://jicnusantara.com/index.php/jiic>
- Faisal Al Farosi. (2025). Paparan Gas Karbon Monoksida (CO) pada Pedagang Sate: Tinjauan Literatur. *Jurnal Ilmiah Kedokteran Dan Kesehatan*, 4(2), 198–205. <https://doi.org/10.55606/klinik.v4i2.3916>
- Halizah, P. N., & Tejamaya, M. (2024). Kajian Risiko Kesehatan Terkait Paparan Benzene, Toluene dan Xylene pada Pekerja Kilang Minyak PT. X. *National Journal of Occupational Health and Safety*, 5(1). <https://doi.org/10.7454/njohs.v5i1.1048>
- Harpad, B., Salman, S., & Saputra, R. M. (2022). Sistem Monitoring Kualitas Udara Di Kawasan Industri Dengan Nodemcu Esp32 Berbasis IOT. *Jurnal Informatika Wicida*, 12(2), 39–47. <https://doi.org/10.46984/inf-wcd.1955>
- Jadhav, R., & Banerjee, S. (2025). Research for Advancement for Environmental Monitoring using Internet of Things (IoT). *Publication of the International Journal and Academic Research*, 2(1), 56–64. <https://doi.org/10.63222/pijar.v2i1.25>

- Jayadi, B. V., Lauro, M. D., Rusdi, Z., Handhayani, T., & Informasi, F. T. (2024). Klasifikasi Indeks Standar Pencemaran Udara untuk Data Tidak Seimbang menggunakan Pendekatan Pembelajaran Mesin Air Quality Index Classification for Imbalanced Data Using Machine Learning Approach. *Sistemasi: Jurnal Sistem Informasi*. <https://doi.org/https://doi.org/10.32520/stmsi.v13i3.3503>
- Karthikeyan, M., & Kumar N V, S. (2024). Iot Based Air Quality Index Monitoring System Using ESP32. *International Research Journal of Education and Techology*. <https://doi.org/https://www.irjweb.com/viewarticle.php?aid=Iot-based-air-quality-index-monitoring-system-using-ESP32>
- Nengsih, N., Hasyim, H., & Sunarsih, E. (2025). Dampak Paparan Pm2.5 Dan Pm10 Terhadap Kesehatan Pekerja Di Pltu Batubara: Tinjauan Literature Review. *Prepotif Jurnal Kesehatan Masyarakat*, (Vol. 9 No. 3 (2025): DESEMBER 2025). <https://doi.org/https://doi.org/10.31004/prepotif.v9i3.52903>
- Nugroho, H. Y. S. H., Basuki, T. M., Pratiwi, Savitri, E., Supangat, A. B., Putra, P. B., Purwanto, Wahyuningrum, N., Adi, R. N., Setiawan, O., Nandini, R., Cahyono, S. A., Auliyani, D., Nada, F. M. H., Pratiwi, D., & Hasani, M. (2025). Advancing air quality monitoring systems towards sustainable green development: Insight for metropolitan cities in Indonesia. *Environmental and Sustainability Indicators*, 26. <https://doi.org/10.1016/j.indic.2025.100649>
- Prasetyo, T. F., Gani, A., & Mufid, Z. (2025). Pengaruh Suhu, Kelembapan dan Angin terhadap Polusi Udara: Studi Kasus Dataset Air Quality. *Sains Teknik Elektro*, 6(1). <https://doi.org/https://doi.org/10.31294/insantek.v6i1.8826>
- Priyatna, H., Rahmatiar, Y., & Sanjaya, S. (2024). Peran Pemerintah Karawang Dalam Mengatasi Pencemaran Lingkungan (Polusi Udara) Yang Diakibatkan Oleh Perusahaan Di Wilayah Karawang. *Jurnal Ilmiah "Advokasi*. <https://doi.org/https://doi.org/10.36987/jiad.v12i4.5742>
- Purnamasari, S. W., Soelistianto, F. A., Junus, M., & Saptono, R. (2024). Ambient Air Quality Detection System Powered by Internet of Things-Based Sansevieria Plant (Case Study of Manduro Health Center). *West Science Interdisciplinary Studies*, 02(08), 1664–1674.
- Ramadani, F. Q., & Ramadhan Nasution, Y. (2025). Design and Implementation of a Dual-Cloud IoT Air Quality Monitoring System Using Fuzzy Mamdani Method Corresponding Author. *Journal of Information System and Technology Research Journal Homepage*, 4(3). <https://doi.org/https://doi.org/10.55537/jistr.v4i3.1326>

- Rusimamto, P. W., Endryansyah, Anifah, L., Harimurti, R., & Anistyasari, Y. (2021). Implementation Of Arduino Pro Mini And ESP32 Cam For Temperature Monitoring On Automatic Thermogun IoT-Based. *Indonesian Journal of Electrical Engineering and Computer Science*, 23(3), 1366–1375. <https://doi.org/10.11591/ijeecs.v23.i3.pp1366-1375>
- Saini, J., Dutta, M., & Marques, G. (2020). Indoor Air Quality Monitoring Systems Based On Internet Of Things: A Systematic Review. *International Journal of Environmental Research and Public Health*, 17(14), 1–22. <https://doi.org/10.3390/ijerph17144942>
- Sari, Y., & Waliyuddin, A. (2021). Alat Deteksi Polusi Udara Dalam Ruang Berbasis Internet of Things (IoT). *Jurnal Bidang Teknik Industri Dan Teknik Informatika*, 22(2). <https://doi.org/https://doi.org/10.37817/tekinform.v22i2.1768>
- Searle, N., Kaur, K., & Kelly, K. (2023). Technical Note: Identifying A Performance Change In The Plantower PMS 5003 particulate matter sensor. *Journal of Aerosol Science*, 174, 106256. <https://doi.org/10.1016/J.JAEROSCI.2023.106256>
- Taufiq, A. J., Hayat, L., Muchtasjar, B., Romandolo, D. G., & Amarudin, R. B. (2024). Sistem Monitoring Polusi Udara Berbasis Sensor Mq-135 Untuk Deteksi Gas Co2 Dan Co: Studi Kasus Di Lingkungan Perkotaan. *Jurnal Techno*, 25(2), 131–138. <https://doi.org/https://doi.org/10.30595/techno.v25i2.24100>