

REFERENCES

- [1] Mandal, T., Gorai, A.K. & Pathak, G. Development of fuzzy air quality index using soft computing approach. *Environ Monit Assess* 184, 6187–6196 (2012).
- [2] Box, G.E.P, and Jenkins, G.M, 1970 *Time Series Analysis: Forecasting and Control*, Holden-Day, San Francisco,
- [3] Chen S 1996 Fuzzy sets System, **81** 3 311
- [4] R, Alur, *Principles of Cyber-Physical Systems*, 2015
- [5] Dedetemo Kimilita Patrick, Phuku Phuati Edmond, Tshitenge Mbwebwe Jean-Marie, Efoto Eale Louis, Koto-te-Nyiwa Ngbolua, "Prediction of rainfall using autoregressive integrated moving average model", Case of Kinshasa city (Democratic Republic of the Congo), from the period of 1970 to 2009, vol. 2 ,no. 1, ISSN: 2348 – 7321, 2014,
- [6] K. Pratama and E. Setiawan, "Implementasi Monitoring Kualitas Udara Menggunakan Peramalan Exponential Smoothing dan NodeMCU Berbasis Mobile Android", Ultima Computing : Jurnal Sistem Komputer, vol. 9, no. 2, pp. 58-66, Apr. 2018.
- [7] Hanna Febryna Simorangkir, "Rancang Bangun Pemantauan Kualitas Udara Pada Taman Wilayah Melalui Website Berbasis Arduino Menggunakan Logika Fuzzy", Vol. 1 No. 1 (2107): JATI Vol. 1 No. 1, 2017.
- [8] S. M. Saad, A. Y. M. Shakaff, A. R. M. Saad, A. M. Yusof, A. M. Andrew, A. Zakaria, and A. H. Adom, "Development of indoor environmental index: Air quality index and thermal comfort index", *AIP Conference Proceedings* 1808, 2017.
- [9] Zakaria, Nurul Azma et al. "Wireless Internet of Things-Based Air Quality Device for Smart Pollution Monitoring." *International Journal of Advanced Computer Science and Applications* 9 (2018)
- [10] Jaka Prayudha, Ardianto Pranata, and Afdal Al Hafiz, "Implementasi Metode Fuzzy Logic Untuk Sistem Pengukuran Kualitas Udara Di Kota Medan Berbasis Internet Of Things (IoT)", Vol 4, No 2 (2018), 2018.
- [11] Javid, Allahbakhsh et al. "Towards the Application of Fuzzy Logic for Developing a Novel Indoor Air Quality Index (FIAQI)." *Iranian journal of public health* vol. 45,2 (2016): 203-13.
- [12] Brainvendra Widi Dionova, M.N. Mohammed, S. Al-Zubaidi, Eddy Yusuf, Environment indoor air quality assessment using fuzzy inference system. *ICT Express, Volume 6, Issue 3*, 2020. Available:
- [13] Bedekar, Gayatri and Patil, R.S. and Tergundi, Parimal and Goudar, R. H., An Efficient Implementation of ARIMA Technique for Air Quality Prediction, 2021. Available: <https://ssrn.com/abstract=3889537>
- [14] T. Liu and S. You, "Analysis and Forecast of Beijing's Air Quality Index Based on ARIMA Model and Neural Network Model," *Atmosphere*, vol. 13, no. 4, p. 512, Mar. 2022.
- [15] R, A, Wulandari, and R, Gernowo, "Metode Autoregressive Integrated Moving Average (ARIMA) dan Metode Adaptive Neuro Fuzzy Inference System (ANFIS) Dalam Analisis CURAH HUJAN", vol, 22, no, 1, pp, 41-48, May, 2019