

REFERENCES

- [1] D. Pandey, R. Pawar, J. Sharma, S. Rathod, and C. Mahajan, "CNN Based Fire Detection System," *Proc. - 2022 4th Int. Conf. Adv. Comput. Commun. Control Networking, ICAC3N 2022*, vol. 3, no. 1, pp. 980–985, 2022, doi: 10.1109/ICAC3N56670.2022.10074585.
- [2] M. Misfaul, M. Dana, W. Kurniawan, and H. Fitriyah, "Rancang Bangun Sistem Deteksi Titik Kebakaran Dengan Metode Naive Bayes Menggunakan Sensor Suhu dan Sensor Api Berbasis Arduino," *J. Pengemb. Teknol. Inf. dan Ilmu Komput. Univ. Brawijaya*, vol. 2, no. 9, pp. 3384–3390, 2018, [Online]. Available: <https://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/2289>.
- [3] R. J. K. Haryo, B. Artono, K. H. N. Ningrum, K. M. Habsari, and I. R. Rahma, "Forest Fire Detector and Fire Fighting Monitoring System Using Solar Cell Based Internet of Things (IoT)," *Telematika*, vol. 15, no. 1, pp. 23–36, 2022, doi: 10.35671/telematika.v15i1.1303.
- [4] T. Y. Datubkka, Istikmal, and A. I. Irawan, "Comparison Analysis Of K-Nearest Neighbor (K-Nn) Algorithm With Naive Bayes For Fire Source Detection Mitigation," *2022 IEEE Int. Conf. Internet Things Intell. Syst.*, pp. 370–375, 2022, doi: 10.1109/IoTIS56727.2022.9976018.
- [5] L. Shu, H. Zhang, Y. You, Y. Cui, and W. Chen, "Towards fire prediction accuracy enhancements by leveraging an improved naïve bayes algorithm," *Symmetry (Basel)*, vol. 13, no. 4, pp. 1–14, 2021, doi: 10.3390/sym13040530.
- [6] N. Bhardwaj and P. Joshi, "A MATTER-Enabled IoT Framework for Enhanced Fire Detection and Real-Time Decision-Making," *SN Comput. Sci.*, vol. 5, no. 8, 2024, [Online]. Available: <https://doi.org/10.1007/s42979-024-03477-x>.
- [7] A. Jadon, M. Omama, A. Varshney, M. S. Ansari, and R. Sharma, "FireNet: A Specialized Lightweight Fire & Smoke Detection Model for Real-Time IoT Applications," no. May, 2019, doi: 10.48550/arXiv.1905.11922.
- [8] R. A. Sutoyo and D. B. Setyohadi, "Fire early detection IOT-based using nodemcu ESP8266 and thinger.IO web server," *ICIC Express Lett.*, vol. 15, no. 10, pp. 1101–1108, 2021, doi: 10.24507/icicel.15.10.1101.
- [9] T. Juwariyah, S. Prayitno, L. Krisnawati, and S. Sulasminingsih, "Design of IoT-Based Home Fire Detection System Equipped with a Data Logger," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 1125, no. 1, p. 012079, 2021, doi: 10.1088/1757-899x/1125/1/012079.
- [10] M. R. M. Al-rayes and S. S. Abu-naser, "Smoke Detectors Using ANN," vol. 7, no. 10, pp. 1–9, 2023, [Online]. Available: <https://philarchive.org/archive/ALRSDU>.
- [11] M. Arefin et al., "An IoT-Based Integrated Solution for Fire Detection Alarm System and Water Supply Management," *2023 Int. Conf. Inf. Commun. Technol. Sustain. Dev.*

ICICT4SD 2023 - Proc., no. October, pp. 357–361, 2023, doi: 10.1109/ICICT4SD59951.2023.10303496.

- [12] K. L. Education and A. Pradesh, "Integrating IoT and Cloud for Enhanced Fire Detection and Visualization," *Int. J. Nov. Res. Dev.*, vol. 9, no. 7, 2024, [Online]. Available: <https://www.ijnrd.org/papers/IJNRD2407084.pdf>.
- [13] P. Negi et al., "Integration of Industry 4.0 Technologies in Fire and Safety Management," *Fire*, vol. 7, no. 10, 2024, doi: 10.3390/fire7100335.
- [14] D. Indriani, M. Subhan, and E. Rahmawati, "Sistem Alarm Kebakaran Berbasis Arduino Menggunakan Flame Detector Dan Sensor MQ-2," *Pedagog. J. Pendidik.*, vol. 3, no. 2, pp. 16–23, 2021. Available at: <https://jurnal.stkipbima.ac.id/index.php/gg/article/view/509>.
- [15] Y. Darnita, A. Disrise, and R. Toyib, "Prototype Alat Pendeksi Kebakaran Menggunakan Arduino," *J. Inform. Upgris*, vol. 7, no. 1, pp. 3–7, 2021. DOI: 10.26877/jiu.v7i1.7094.
- [16] M. R. M. Al-rayes and S. S. Abu-Naser, "Smoke Detectors Using ANN," vol. 7, no. 10, pp. 1–9, 2023. Available at: <https://philarchive.org/archive/ALRSDU>.
- [17] M. Rahman, "Sistem Pencegah Kebakaran Dengan Menggunakan Modul Berbasis Arduino," *J. Teknol. Inf. dan Komun.*, vol. 9, no. 2, 2021. DOI: 10.56244/fiki.v9i2.364.