

DAFTAR PUSTAKA

- [1] M. Cahyo, P. Partono, and I. M. Nauri, "Pengaruh Panjang Exhaust Pipe Terhadap Daya Dan Emisi Gas Buang Motor 4 Tak Supra X 125 Cc," *J. Tek. Otomotif Kaji. Keilmuan dan Pengajaran*, vol. 2, no. 2, pp. 35–42, 2022.
- [2] M. N. L. Hidup., "Menteri Negara Lingkungan Hidup. Keputusan Menteri Negara Lingkungan Hidup Nomor: KEP-48/MENLH/11/1996 tentang Baku Tingkat Kebisingan," Jakarta: Kementerian Lingkungan Hidup, 1996.
- [3] C. L. Themann and E. A. Masterson, "Occupational noise exposure: A review of its effects, epidemiology, and impact with recommendations for reducing its burden," *J. Acoust. Soc. Am.*, vol. 146, no. 5, pp. 3879–3905, 2019.
- [4] D. J. Fink, "What is a safe noise level for the public?," *Am. J. Public Health*, vol. 107, no. 1, pp. 44–45, 2017.
- [5] R. Onchang and D. W. Hawker, "Community Noise Exposure and Annoyance, Activity Interference, and Academic Achievement Among University Students," *Environ. Sci.*, 2016.
- [6] L. Robles-Lorite, R. Dorado-Vicente, E. Torres-Jiménez, G. Bombek, and L. Lešnik, "Recent Advances in the Development of Automotive Catalytic Converters: A Systematic Review," *Energies*, vol. 16, no. 18, pp. 1–24, 2023.
- [7] Mukesh Dattatraya Bankar and Mr. Buchade M. R., "Study and Vibration Analysis of Two Wheeler Silencer," *Int. J. Eng. Res.*, vol. V6, no. 08, pp. 145–150, 2017.
- [8] B. S. Prakosa, "COMPARISON OF STANDARD EXHAUST AND," 2017.
- [9] B. Maiga, Y. Dalveren, A. Kara, and M. Derawi, "Convolutional Neural Network-Based Vehicle Classification in Low-Quality Imaging Conditions for Internet of Things Devices," *Sustain.*, vol. 15, no. 23, 2023.
- [10] P. Kaur, Y. Kumar, S. Ahmed, A. Alhumam, R. Singla, and M. Fazal Ijaz, "Automatic license plate recognition system for vehicles using a cnn," *Comput. Mater. Contin.*, vol. 71, no. 1, pp. 35–50, 2022.
- [11] T. Informatika and U. H. Medan, "KEBISINGAN KNALPOT SEPEDA MOTOR BERBASIS ARDUINO UNO," vol. 9, no. 1, pp. 35–40, 2023.
- [12] G. Keifer and F. Effenberger, "Optimal Automobile Muffler Vibration and Noise Analysis," *Angew. Chemie Int. Ed.*, vol. 6, no. 11, pp. 951–952, 1967.
- [13] M. Delina and P. A. Nurhusni, "Feature extraction of noise signal in motorcycle by Fast Fourier Transform," *J. Phys. Conf. Ser.*, vol. 1869, no. 1, 2021.

- [14] Mohd. Blej and M. Azizi, "Comparison of -Type and Sugeno-Type Fuzzy Inference Systems for Fuzzy Real Time Scheduling," *Int. J. Appl. Eng. Res.*, vol. 11, no. 22, pp. 11071–11075, 2016.
- [15] Maxim Integrated, "MAX4466 — Low-Cost Micropower Microphone Preamplifiers Datasheet," Maxim Integrated Products, 2012.
- [16] InvenSense, "INMP441 — Omnidirectional MEMS Microphone with I²S Digital Output Datasheet," TDK InvenSense, Doc. no. DS-INMP441-00, 2015.
- [17] Texas Instruments, "NE5532x, SA5532x Dual Low-Noise Operational Amplifiers Datasheet," Texas Instruments, SLOS075K, 2025.
- [18] Trivusi, "Perbedaan Fuzzy Inference System: Mamdani, Sugeno, dan Tsukamoto," *trivusi.web.id*, 09 Okt. 2022.
- [19] Arduino SA, "Arduino UNO Rev3 – Reliable ATmega328P Board," Arduino Store-USA.
- [20] Espressif Systems, "ESP32 Datasheet," SparkFun (PDF).
- [21] STMicroelectronics, "STM32F407xx High-Performance ARM® Cortex®-M4 32-bit MCU Datasheet," STMicroelectronics, Geneva, Switzerland, 2021. [
- [22] S. T. Nowroz, N. M. Saleh, S. Shakur, S. Banerjee & F. Amsaad, "A Benchmark Reference for ESP32-CAM Module," *arXiv*, May 2025.
- [23] Ova, "How Much Power Does an IP Camera Use?," OVA, Nov. 2025.
- [24] Logitech, "Logitech C270 Webcam Fact Sheet," Logitech (PDF). [
- [25] J. Wijaya Fathoni, N. Indra E. R., dan I. W. Sukerayasa, "Implementasi API Telegram sebagai HMI untuk Sistem Monitoring dan Notifikasi Real-Time pada Infrastruktur Publik," *Jurnal SPEKTRUM*, vol. 12, no. 3, Sept. 2025.
- [26] P. Lokesh and Dr. M. Kathires, "The Automated Email Reminder System using SMTP," *International Journal of Scientific Research and Engineering Development*, vol. 8, no. 5, Sep.–Oct. 2025.
- [27] A. Rahmatulloh, A. N. Rachman, dan F. Anwar, "Implementasi Web Push Notification pada Sistem Informasi Manajemen Arsip Menggunakan PUSHJS," *Jurnal Teknologi Informasi dan Ilmu Komputer*, 2025.
- [28] J. Shahid, M. K. Hameed, I. T. Javed, dan K. N. Qureshi, "A Comparative Study of Web Application Security Parameters: Current Trends and Future Directions," *Appl. Sci.*, vol. 12, no. 8, Apr. 2022.
- [29] Jadi Store, "Adaptor / Power Supply DC 5V 2A Jack DC 5.5mm," *JadiStore.com*.

- [30] Ichibot Store, "Stepdown Step Down LM2596 Constant Current and Constant Voltage LED Driver," store.ichibot.id.
- [31] House Sparepart, "EZREN EZ-0556 Wire Wrapping Kawat Jumper Kabel PCB Breadboard," Tokopedia.com.
- [32] Shopee Indonesia, "Casing ESP32-Cam Camera Case Box Housing Holder ESP-32 OV," shopee.co.id.
- [33] Testindo.co.id, "Jasa Kalibrasi – TESTINDO.CO.ID," testindo.co.id.
- [34] Gowebbagus.id, "Berapa Sih Harga Jasa Pembuatan Website Profesional di Indonesia?," gowebbagus.id.
- [35] Fastwork.id, "Jasa Pembuatan Bot & Automasi (Telegram, Web, dan Sistem Custom)," fastwork.id.
- [36] Streijl, R. C., Winkler, S., & Hands, D. S. (2016). Mean opinion score (MOS) revisited: methods and applications, limitations and alternatives. *Multimedia Systems*, 22(2), 213–227.

