

DAFTAR PUSTAKA

- [1] R. A. Coyle, Eugene D. & Simmons, "Understanding the Global Energy Crisis," p. 320, 2014.
- [2] O. N. C, "An Integrated Presence Detection Sensor and Android Mobile Application System for Energy Management and Control," *Indian J. Sci. Technol.*, vol. 13, no. 07, pp. 860–869, 2020, doi: 10.17485/ijst/2020/v13i07/149822.
- [3] F. H. Purwanto, E. Utami, and E. Pramono, "Implementation and Optimization of Server Room Temperature and Humidity Control System using Fuzzy Logic Based on Microcontroller," *J. Phys. Conf. Ser.*, vol. 1140, no. 1, pp. 390–395, 2018, doi: 10.1088/1742-6596/1140/1/012050.
- [4] R. Ahmed, "Design and Implenentation of Website Based Energy Consumption Monitoring and Controlling," no. January, p. 7, 2019, doi: 10.1109/ICCCI.2019.8821978.
- [5] T. Apriyaningrum, E. Djunaedy, and M. R. Kirom, "Metode Benchmarking Energi Bangunan Dengan Menggunakan Building Energy Map (Bemap) Berbasis Web Building Energy Benchmarking Method Using Web-Based Building Energy Map (Bemap)," vol. 4, no. 3, pp. 3969–3976, 2017.
- [6] E. Systems, "Espresif Smart Connectivity Platform: ESP8266," pp. 1–23, 2013.
- [7] A. Wijaya, "Evaluasi Kinerja Energi dalam Upaya Pengembangan Sistem Manajemen Energi di Gedung Fasilitas Pendidikan," p. 295, 2021.
- [8] I. Bagus, G. Purwania, I. N. S. Kumara, and M. Sudarma, "Application of IoT-Based System for Monitoring Energy Consumption," *Int. J. Eng. Emerg. Technol.*, vol. 5, no. 2, pp. 81–93, 2020.
- [9] W. Suryono, A. S. Prabowo, and A. Mu, "Monitoring and controlling electricity consumption using Wemos D1 Mini and smartphone Monitoring and controlling electricity consumption using Wemos D1 Mini and smartphone," 2020, doi: 10.1088/1757-899X/909/1/012014.
- [10] M. Gowda, J. Gowda, S. Iyer, M. Pawar, and V. Gaikwad, "Power Consumption Optimization in IoT based Wireless Sensor Node Using ESP8266," vol. 03048, 2020.
- [11] M. Saleh and M. Haryanti, "Analisa Audit Konsumsi Energi Sistem Hvac (Heating, Ventilasi, Air Conditioning) Di Terminal 1a, 1B, Dan 1C Bandara Soekarno-Hatta," *J. Teknol. Elektro, Univ. Buana*, vol. 8, no. 2, pp. 87–94, 2017, [Online]. Available: <https://media.neliti.com/media/publications/141935-ID-perancangan-simulasi-sistem-pemantauan-p.pdf>.
- [12] A. K. Fikri, "Monitoring Jarak Jauh Tata Udara Hvac (Heating, Ventilation, And Air Conditional) Ruang Operasi Berbasis *Wireless Internet Of Things* di Rumah Sakit Islam (RSI) Pku Muhammadiyah Kabupaten Tegal," *Joined J. (Journal Informatics Educ.*, vol. 2, no. 2, p. 29, 2020, doi:

10.31331/joined.v2i2.942.

- [13] V. Fr. A, “Sistem Monitoring dan Controlling Suhu Ruangan Berbasis *Internet of Things*,” 2020.
- [14] R. Hp. Rn. H, “Sistem Kendali Berbasis Mikrokontroler Menggunakan Protokol MQTT pada Smarthome,” 2017.
- [15] N. Norazman, A. I. Che Ani, W. N. W. Ismail, A. H. Hussain, and K. N. Abdul Maulud, “Indoor Environmental Quality towards Classrooms’ Comforts Level: Case Study at Malaysian Secondary School Building,” *Appl. Sci.*, vol. 11, no. 13, p. 5866, 2021, doi: 10.3390/app11135866.
- [16] H. H. Ali and R. Al-Hashlamun, “Assessment of indoor thermal environment in different prototypical school buildings in Jordan,” *Alexandria Eng. J.*, vol. 58, no. 2, pp. 699–711, 2019, doi: 10.1016/j.aej.2019.06.001.
- [17] J. Mohelníková, M. Novotny, and P. Mocová, “Evaluation of school building energy performance and classroom indoor environment,” *Energies*, vol. 13, no. 10, 2020, doi: 10.3390/en13102489.
- [18] A. D. Sulistiowati and B. I. Putri, “The Level of Thermal Comfort in Residential Houses Based on the Shape, Orientation and Material of Roof Cover in Kampong (Case Study: RT.05/RW.04, Kamal, Kalideres, Jakarta Barat),” vol. 192, no. EduARCHsia 2019, pp. 77–85, 2020, doi: 10.2991/aer.k.200214.011.
- [19] “607174409-SNI-6390-2020.pdf.”
- [20] M. Kesehatan and R. Indonesia, “Peraturan Menteri Kesehatan Indonesia No 1077/Menkes/PER/2011,” 2011.
- [21] Keputusan Menteri Kesehatan RI Nomor 1407 Tahun 2002 tentang Pedoman Pengendalian Dampak Pencemaran Udara, “Kepmenkes RI Nomor 1407 Tahun 2002 tentang Pedoman Pengendalian Dampak Pencemaran Udara,” *Kementeri. Kesehat. Republik Indones.*, pp. 1–13, 2016, [Online]. Available: [http://pdk3mi.org/file/download/KMK No. 1407 ttg Pedoman Pengendalian Dampak Pencemaran Udara.pdf](http://pdk3mi.org/file/download/KMK%20No.%201407%20ttg%20Pedoman%20Pengendalian%20Dampak%20Pencemaran%20Udara.pdf).
- [22] A. Gibran, F. Madina, and I. Cahaya, “Kajian Kualitas Pencahayaan Buatan Terhadap Kenyamanan Visual.”
- [23] R. Rahman, D. Agus Triawan, and dan Gustria Ernis, “Analisis Kualitas Pencahayaan di Workshop D3 Laboratorium Sains FMIPA Universitas Bengkulu,” *J. Ilm. Multi Sci.*, vol. 15, no. 2, pp. 76–82, 2023, [Online]. Available: <https://doi.org/10.30599/jti.v15i2.2009>.
- [24] P. Studi, P. Teknik, F. Universitas, and P. Indonesia, “EVALUASI PEMENUHAN STANDAR TINGKAT KEBISINGAN KELAS DI SMPN 23 BANDUNG Nur Metawati , Tjahyani Busono , Suhandy Siswoyo,” vol. IX, no. 2, pp. 145–156, 2013.
- [25] F. Ahmad, I. D. Handayani, and S. Nurweni, “ANALISIS TINGKAT KEBISINGAN TERHADAP AKTIVITAS BELAJAR MENGAJAR DI

FAKULTAS TEKNIK UNIVERSITAS SEMARANG,” vol. 13, no. 2, pp. 43–46, 2017.

- [26] “sni-03-6386-2000_compress.pdf”
- [27] A. Faudin, “Apa itu Module NodeMCU ESP8266?,” 2017.
- [28] Pleva GmbH, “DHT11 Humidity & Temperature Sensor,” *Melliand Textilberichte*, vol. 76, no. 12, p. 1112, 1995.
- [29] Anonymous, “GY-MAX4466 Electret Microphone Amplifier Sensor Sound Module with Adjustable Gain Control for Arduino (Pack of 2),” 2021.
- [30] Anonymous, “Interfacing / Programming Sensor Cahaya BH1750 dengan Arduino,” 2019.
- [31] Sinarduino, “Mengenal Arduino Perangkat lunak (IDE),” 2016.
- [32] G. Tasari, “Mengenal Visual Studio Code,” 2021.
- [33] G. R, “Bab 3 Metode Tugas akhir,” 2013, [Online]. Available: [https://eprints.uny.ac.id/18237/4/5.BAB III.pdf](https://eprints.uny.ac.id/18237/4/5.BAB%20III.pdf).

