

DAFTAR PUSTAKA

- [1] Muhammad Ali Imran, Achmad Fauzi, and Husnul Khair, “Rancang Bangun Kontrol Bel Otomatis Berdasarkan Jadwal Perkuliahan Menggunakan Internet of Things (IoT),” *Modem : Jurnal Informatika dan Sains Teknologi.*, vol. 2, no. 4, pp. 21–32, Sep. 2024, doi: 10.62951/modem.v2i4.225.
- [2] K. K. Patel, S. M. Patel, and P. G. Scholar, “Internet of Things-IOT: Definition, Characteristics, Architecture, Enabling Technologies, Application & Future Challenges,” *International Journal of Engineering Science and Computing*, 2016, doi: 10.4010/2016.1482.
- [3] Muhammad Ali Imran, Achmad Fauzi, and Husnul Khair, “Rancang Bangun Kontrol Bel Otomatis Berdasarkan Jadwal Perkuliahan Menggunakan Internet of Things (IoT),” *Modem : Jurnal Informatika dan Sains Teknologi.*, vol. 2, no. 4, pp. 21–32, Sep. 2024, doi: 10.62951/modem.v2i4.225.
- [4] M. Noor Fachry, H. Silmi Syah, J. Teknik Elektro -Politeknik Negeri Malang Jl Soekarno Hatta No, K. Lowokwaru, K. Malang, and J. Timur, “RANCANG BANGUN SISTEM PEMADAM KEBAKARAN BERBASIS INTERNET OF THINGS”.
- [5] M. Dzikri Danuarteu *et al.*, “PENERAPAN SMART SCHOOL BELL BERBASIS INTERNET OF THINGS DI SDIT CENDEKIA PURWAKARTA,” *DULANG Jurnal Pengabdian Kepada Masyarakat*, vol. 4, no. 01, 2024.
- [6] K. Blašković, S. Čandrlić, and A. Jakupović, “Systematic Review of Methodologies for the Development of Embedded Systems.” [Online]. Available: www.ijacsa.thesai.org
- [7] “2204.05921v2 (1)”.
- [8] Muhammad Ali Imran, Achmad Fauzi, and Husnul Khair, “Rancang Bangun Kontrol Bel Otomatis Berdasarkan Jadwal Perkuliahan Menggunakan Internet of Things (IoT),” *Modem : Jurnal Informatika dan Sains Teknologi.*, vol. 2, no. 4, pp. 21–32, Sep. 2024, doi: 10.62951/modem.v2i4.225.
- [9] R. Bangun Sistem Bel Sekolah Otomatis Berbasis, J. Jauh di SDN, Y. Kurniati, M. Fahrurrozi, dan Khairunnazri, and S. Syaikh Zainuddin Nahdatul Wathan Anjani, “JATISKOM Jurnal Aplikasi Teknologi Informasi dan Sains Komputer Mikrokontroller dengan Integrasi Audio MP3 dan Pengaturan 2,” *Jatiskom 2025*, vol. 2, no. 2, pp. 102–115, 2025, [Online]. Available: <https://journal.uinmataram.ac.id/index.php/jatiskom>

- [10] Muhammad Ali Imran, Achmad Fauzi, and Husnul Khair, “Rancang Bangun Kontrol Bel Otomatis Berdasarkan Jadwal Perkuliahan Menggunakan Internet of Things (IoT),” *Modem : Jurnal Informatika dan Sains Teknologi.*, vol. 2, no. 4, pp. 21–32, Sep. 2024, doi: 10.62951/modem.v2i4.225.
- [11] M. A. A.-H. -, D. S. Budi Utomo, and S. -, “Implementation of an RFID-Based Online Attendance System Integrated with Google Spreadsheet Using NodeMCU ESP8266,” *Jurnal Informatika dan Teknik Elektro Terapan*, vol. 14, no. 2, Apr. 2026, doi: 10.23960/jitet.v14i2.9244.
- [12] “41-48+Rancangan+Bel+Otomatis+Berbasis+Mikrokontroler+Arduino+pada+S MKS+Ibrahmy+Situbondo”.
- [13] H. Zhang, Q. Wang, and Y. You, “Tolerance of Electromagnetic Relay to Voltage Sags and Short Interruptions,” *Front. Energy Res.*, vol. 9, Dec. 2021, doi: 10.3389/fenrg.2021.766472.
- [14] F. Hasby, Z. Masruro Nasution, T. Bangsa Pematangsiantar, P. Studi Teknik Informatika, and S. Tunas Bangsa Pematangsiantar, “RANCANG BANGUN BEL OTOMATIS DI STIKOM TUNAS BANGSA BERBASIS ARDUINO DILENGKAPI DENGAN OUTPUT SUARA,” *JTIK*), vol. 12, no. 2, pp. 58–68, 2021, [Online]. Available: <http://ejurnal.provisi.ac.id/index.php/JTIKP> page58
- [15] A. Helmi and N. H. Muthohharoh, “Sistem Peringatan Dini berbasis Masyarakat di Daerah Rawan Bencana: Studi di Tiga Desa di Provinsi Nusa Tenggara Timur, Indonesia,” *Sosio Konsepsia*, vol. 14, no. 1, Dec. 2024, doi: 10.33007/ska.v14i1.3302.
- [16] “Kauno technologijos universitetas Mechanikos inžinerijos ir dizaino fakultetas.”
- [17] A. Linarta, “I N F O R M A T I K A APLIKASI BEL SEKOLAH OTOMATIS BERBASIS ARDUINO DILENGKAPI DENGAN OUTPUT SUARA,” *Jurnal Informatika, Manajemen dan Komputer*, vol. 10, no. 2, 2018.
- [18] N. K. Prabowo and I. Irwanto, “The Implementation of Arduino Microcontroller Boards in Science: A Bibliometric Analysis from 2008 to 2022,” *Journal of Engineering Education Transformations*, vol. 37, no. 2, pp. 106–123, Dec. 2023, doi: 10.16920/jeet/2023/v37i2/23154.
- [19] N. K. Prabowo and I. Irwanto, “The Implementation of Arduino Microcontroller Boards in Science: A Bibliometric Analysis from 2008 to 2022,” *Journal of Engineering Education Transformations*, vol. 37, no. 2, pp. 106–123, Dec. 2023, doi: 10.16920/jeet/2023/v37i2/23154.
- [20] M. A. A.-H. -, D. S. Budi Utomo, and S. -, “Implementation of an RFID-Based Online Attendance System Integrated with Google Spreadsheet

- Using NodeMCU ESP8266,” *Jurnal Informatika dan Teknik Elektro Terapan*, vol. 14, no. 2, Apr. 2026, doi: 10.23960/jitet.v14i2.9244.
- [21] M. A. Rizkiawan, Z. Avista, E. Kurniawan, and B. Ghalib, “Development of an Online Simulation Model for Arduino Uno-Based I2C LCD Running Text,” 2026. [Online]. Available: <https://jurnal.sinesia.id/index.php/tech/index>
- [22] S. F. Putri and N. W. A. Dati, “RANCANG BANGUN SISTEM PERINGATAN DAN KENDALI KELEMBABAN MEDIA TANAM OTOMATIS BERBASIS ARDUINO UNO DENGAN TAMPILAN LCD I2C,” *Jurnal Informatika dan Teknik Elektro Terapan*, vol. 14, no. 2, Apr. 2026, doi: 10.23960/jitet.v14i2.9178.
- [23] Akmal Aziz, Muhammad Subhan Aditya, Sandi Rahyadi, Apipah Apipah, Zada Aulia Munawarah, and Didik Aribowo, “Water Level Sensor Berbasis Arduino UNO R3,” *Jupiter: Publikasi Ilmu Keteknikan Industri, Teknik Elektro dan Informatika*, vol. 2, no. 6, pp. 93–102, Nov. 2024, doi: 10.61132/jupiter.v2i6.620.
- [24] Ade Rahayu, “Metode Penelitian dan Pengembangan (R&D) : Pengertian, Jenis dan Tahapan,” *DIAJAR: Jurnal Pendidikan dan Pembelajaran*, vol. 4, no. 3, pp. 459–470, Jul. 2025, doi: 10.54259/diajar.v4i3.5092.
- [25] M. J. Hornos and M. Quinde, “Development methodologies for IoT-based systems: challenges and research directions,” Sep. 01, 2024, *Springer Science and Business Media Deutschland GmbH*. doi: 10.1007/s40860-024-00229-9.
- [26] R. S. Pressman, “Chapter 3-4 v Process Models For non-profit educational use only,” 1996.