

DAFTAR PUSTAKA

- Anu, M., M. D. dan Gladance, M. (2015) "Animal Identification And Data Management Using Rfid Technology." IEEE.
- Ashari, M. dan Suhardiani, R. R. A. (2015) "Tampilan bobot badan dan ukuran linier tubuh domba Ekor Gemuk pada umur tertentu di Kabupaten Lombok Timur," *Jurnal Ilmu dan Teknologi Peternakan Indonesia*, 1(1), hal. 24–30.
- Bagus S (2019) "Definisi Baterai," hal. 5–12. Tersedia pada: [http://repository.unimar-amni.ac.id/1990/2/BAB 2.pdf](http://repository.unimar-amni.ac.id/1990/2/BAB%202.pdf).
- Bidang, D. *et al.* (1989) "Mesa jurnal fakultas teknik universitas subang," *Mesa Jurnal Fakultas Teknik Universitas Subang*, hal. 33–45.
- Bolfe, É. L. *et al.* (2020) "Precision and digital agriculture: Adoption of technologies and perception of Brazilian farmers," *Agriculture (Switzerland)*, 10(12), hal. 1–16. doi: 10.3390/agriculture10120653.
- Budi, S. (2017) "Jurnal AGRIFO • Vol. 2 • No. 2 • November 2017," 2(2), hal. 56–61. Tersedia pada: <https://ojs.unimal.ac.id/index.php/agrifo/article/view/369/304>.
- Chamim, A. dan Rinaldi, J. (2020) "Heart Rate and Body Temperature Monitoring Based on Android Operating System," hal. 143–148.
- Clarke, T. (2011) "The EAGLE Schematic & PCB Layout Editor - A Guide," *Most*, (November), hal. 1–12.
- Eagle, C. (2021) "Part 1 : Low Pass Filter," hal. 1–6.
- Erwandha, G. I. S. (2021) "Rancang Bangun Sistem Internet of Things Pada Timbangan Digital Dengan Kapasitas 100 Kg Berbasis ESP32 & Thingsboard IoT Platform Untuk Mengukur Massa."
- Faiz, M. *et al.* (2022) "Sistem identifikasi kendaraan dengan teknologi RFID UHF berbasis Internet of Things," 2(2), hal. 111–118.
- Fattah, H. (2021) "Push Button," *LTE™ Cellular Narrowband Internet of Things (NB-IoT)*, hal. 211–216. doi: 10.1201/9781003120018-23.
- Faulia, I. (2019) "Modul Arduino," 21(1), hal. 1–9. Tersedia pada: <http://journal.um-surabaya.ac.id/index.php/JKM/article/view/2203>.
- Flintec.com (2021) "PB planar beam load cell," hal. 1–3.
- Flintec.com (2022) "PB Planar Beam Load Cell (3.75 - 375kg).pdf."

- Flintec (2012) “User Manual User Manual,” *Data Base*, 3304(January), hal. 1–148.
- Flintec, C. (2021a) “EM100 load-cell electronics module,” hal. 1–4.
- Flintec, C. (2021b) “Instruction and Operation Manual for FM Approved Load Cells Table of Contents Valid for Load Cells,” hal. 1–5.
- Gabriel, A. dan Gandorfer, M. (2022) “Adoption of digital technologies in agriculture—an inventory in a european small-scale farming region,” *Precision Agriculture*. doi: 10.1007/s11119-022-09931-1.
- Groher, T., Heitkämper, K. dan Umstätter, C. (2020) “Digital technology adoption in livestock production with a special focus on ruminant farming,” *Animal*. Elsevier, 14(11), hal. 2404–2413. doi: 10.1017/S1751731120001391.
- Grolemund, G. (2012) “User manual for ID01 UHF RFID Module,” (Version 2), hal. 1–8.
- Hidayah, N. (2019) “Evaluasi Penggunaan Esp Cable Awg 1 Dan Awg 4 Pada Sumur X,Y, Dan Z Berdasarkan Konsumsi Power Di Lapangan.”
- Jtspeedwork (2023) “UHF RFID Self-Adhesive Sticker Tag.”
- Julkarnain, M. dan Ananda, K. R. (2020) “Sistem Informasi Pengolahan Data Ternak Unit Pelaksana,” *Jinteks*, 2(1), hal. 32–39.
- Khoiron, M. B. (2020) “Prototype Sistem Monitoring Dan Pengurusan Air Kolam Ikan Secara Otomatis Berbasis Iot,” *Jurnal Teknik Elektro*, 23(55), hal. 17–29.
- Koyanagi, F. (2021) “Arduino MEGA 2560 With WiFi Built-in ESP8266,” hal. 1–6.
- Kurnia, D. dan Widiasih, V. (2019) “Implementasi Nodemcu Dalam Prototipe Sistem Pemberian Pakan Ayam Otomatis Dan Presisi Berbasis Web,” *Jurnal Teknologi*, 11(2), hal. 169–177. Tersedia pada: <https://jurnal.umj.ac.id/index.php/jurtek/article/view/2838/3288>.
- Leksono, J. W. dan Humaidillah (2019) “Modul Belajar Arduino,” *Nucl. Phys.*, 13(1), hal. 104–116.
- Malexis (2015) *MLX90614 family Single and Dual Zone MLX90614 family*.
- Mandayatma, E. (2018) “Peningkatan Resolusi Sensor Load Cell Pada Timbangan Elektronik,” *Jurnal Eltek*, 16(1), hal. 37. doi: 10.33795/eltek.v16i1.85.
- Mayulu, H. dan Daru, T. P. (2020) “Kebijakan pengembangan peternakan berbasis kawasan: Studi kasus di Kalimantan Timur,” *Journal of Tropical AgriFood*, 1(2), hal. 49. doi: 10.35941/jtaf.1.2.2019.2583.49-60.
- Montgomery, C. D. dan Peck, A. E. (2012) “Introduction to Linear Regression Analysis Fifth Edition,” 5.

- Nasution, H. S. *et al.* (2021) "Pengukur Suhu Non Contact Dengan Infrared," 15(2), hal. 1–11.
- Nextion, T. (2022) "7inch Nextion HMI TFT Intelligent Display Module -Itead studio NX8048P070-011R," hal. 6.
- Nextion, T. (2023) "Nextion Offers an Ease of Use and Cost-effective HMI Solution."
- Noinan, K., Wicha, S. dan Chaisricharoen, R. (2022) "The IoT-based weighing system for growth monitoring and evaluation of fattening process in beef cattle farm," *7th International Conference on Digital Arts, Media and Technology, DAMT 2022 and 5th ECTI Northern Section Conference on Electrical, Electronics, Computer and Telecommunications Engineering, NCON 2022*. IEEE, hal. 384–388. doi: 10.1109/ECTIDAMTNCN53731.2022.9720346.
- Noviardi, N. *et al.* (2021) "Perancangan Alat Ukur Tubuh Ternak Untuk Menentukan Berat Badan Ternak Sapi Menggunakan Arduino Dan Berbasis Android," *Simtika*, 4(2), hal. 47–54. Tersedia pada: <http://ejournal.undhari.ac.id/index.php/simtika/article/view/355%0Ahttp://ejournal.undhari.ac.id/index.php/simtika/article/download/355/195>.
- Nuryanto (2018) "Buku Panduan Teknis Usaha Budidaya Domba Model Klaster," hal. 1–71.
- Odintsov Vaintrub, M. *et al.* (2021) "Review: Precision livestock farming, automats and new technologies: possible applications in extensive dairy sheep farming," *Animal*. The Authors, 15(3), hal. 100143. doi: 10.1016/j.animal.2020.100143.
- Pari, A. U. H. (2018) "Pemanfaatan Recording untuk Meningkatkan Manajemen Ternak Kerbau di Kecamatan Matawai La Pawu Kabupaten Sumba Timur Utilization," 13(1), hal. 36–42.
- Qisthon, A. dan Hartono, M. (2019) "Respons Fisiologis Dan Ketahanan Panas Kambing Boerawa Dan Peranakan Ettawa Pada Modifikasi Iklim Mikro Kandang Melalui Pengkabutan," *Jurnal Ilmiah Peternakan Terpadu*, 7(1), hal. 206. doi: 10.23960/jipt.v7i1.p206-211.
- Rianti, E. D. D. (2018) "Pemanfaatan Sinar Infra Merah Terhadap Kesehatan Manusia," *Jurnal Ilmiah Kedokteran Wijaya Kusuma* 2, hal. 1–12.
- Sadri, R. (2020) "IDENTIFIKASI TERNAK," 21(1), hal. 1–9. Tersedia pada: <http://journal.um-surabaya.ac.id/index.php/JKM/article/view/2203>.

- Saputra, A. (2008) “Tekstil Berbahan Polyester Sebagai Bahan Ducting (Penguian Berdasarkan ASRM D737-96).”
- Saputra, M. I. *et al.* (2022) “Modeling of Digital Scale Based on IoT,” *2022 FORTEI-International Conference on Electrical Engineering, FORTEI-ICEE 2022 - Proceeding*, hal. 32–35. doi: 10.1109/FORTEI-ICEE57243.2022.9972950.
- Setyawan, G., Ardiansah, M. dan Fahrurrozi, I. (2021) “Uji Kinerja Sistem Pemberi Vitamin untuk Industri Peternakan Ayam,” *Jurnal Otomasi Kontrol dan Instrumentasi*, 13(1), hal. 47–57. doi: 10.5614/joki.2021.13.1.5.
- Sokku, S. R. dan Harun, S. F. (2019) “Deteksi Sapi Sehat Berdasarkan Suhu Tubuh Berbasis Sensor MLX90614 dan Mikrokontroller,” *Seminar Nasional LP2M UNM*, hal. 613–617. Tersedia pada: <https://ojs.unm.ac.id/semnaslemlit/article/view/11690/0>.
- Sukadana, I. W. dan Darma Yuda, I. M. P. (2021) “Prototyping PCB Menggunakan Computer-Aided Design,” *TIERS Information Technology Journal*, 2(2), hal. 37–43. doi: 10.38043/tiers.v2i2.3310.
- Sunrom (2023) “MLX90614,” hal. 4.
- Suyadi (2012) “Komunikasi Serial dan Port Serial (COM),” *Ums*, (April), hal. 1–8.
- Texas Instruments (2021) “LM2596 SIMPLE SWITCHER® Power Converter 150-kHz 3-A Step-Down Voltage Regulator,” *Data Sheet*, (April), hal. 1–49. Tersedia pada: www.ti.com.
- Trunojoyo (2021) “Pengaruh usaha peternakan sapi konvensional dan usaha peternakan berbasis manajemen penggemukan di desa rabasan kecamatan camplong kabupaten sampang jawa timur,” 2, hal. 113–128.
- Wahyuni, P. W. (2020) “Rancang Bangun Timbangan Dan Pemanfaatan Radio Frequency Identification Untuk Manajemen Dan Registrasi Ternak,” *Prosiding Seminar Nasional Sistem & Teknologi Infromasi (SNASTI)*, 0, hal. 97–100.
- Walpole, R. E. dan Myers, R. H. (2012) *Probability & Statistic for Engineer & Scientist Ninth Edition*.
- Wardhana, L. R. (2022) “Rancang Bangun Alat Penerima dan Sterilisasi Barang dengan Notifikasi Berupa Foto Pengirim Melalui Telegram,” (8.5.2017), hal. 2003–2005. Tersedia pada: <https://www.who.int/news-room/fact-sheets/detail/autism-spectrum-disorders>.
- Wardhani, Lailia Dwi Kusuma, Jatmiko, Basuki Suryo, Khofifaturrahmah, R. (2022) “Studi Kasus Orf Pada Kambing di Desa Megasari Kabupaten Kotabaru Kalimantan Selatan,”

Jurnal Ilmiah Fillia Cendekia Vol. 7 No. 1, 2(8.5.2017), hal. 2003–2005.

Warmadewi, D. A. *et al.* (2017) “Buku Ajar Prinsip Dasar Pemetaan.”

Wibowo, G. H. dan Ayatullah, M. D. (2019) “Ternak Pada Alam Bebas Berbasis Internet Of Things (Iot),” 17(02), hal. 18–31.

Wiriasto, G. W. *et al.* (2018) “Alat Penimbang Hewan Ternak Elektronis bagi Komunitas Ternak di Kecamatan Ampenan,” *Prosiding Konferensi Nasional Pengabdian Kepada Masyarakat dan Corporate Social Responsibility (PKM-CSR)*, 1, hal. 616–623.

XLSEMI (2022) “400KHz 60V 4A Switching Current Boost / Buck-Boost / Inverting DC / DC Converter 400KHz 60V 4A Switching Current Boost / Buck-Boost / Inverting DC / DC Converter,” hal. 1–8.

Ziai (2014) “Curved RFID Tags for Metallic Gas Cylinders,” 15(1), hal. 165–175. Tersedia pada: <https://core.ac.uk/download/pdf/196255896.pdf>.

進撃の平平子 (2019) “Manual Arduino Mega2560 R3 Built-in IoT WiFi ESP 8266.”