

DAFTAR PUSTAKA

- [1] Badan Pusat Statistik Indonesia, “Statistik Hortikultura 2020,” *Stat. Hortik. 2020*, p. 83, 2021.
- [2] Lukmanul, “Urban Farming Solusi pertanian perkotaan,” 2020.
- [3] W. C. N. Tanjung, “Perancangan Lampu Lalu Lintas Berbasis Internet Of Thing,” *Kumpul. Karya Ilm. Mhs. Fak. Sains dan Teknol.*, vol. 2, no. 2, p. 84, 2021.
- [4] S. Pamungkas, “Sistem Smart Greenhouse Pada Tanaman Paprika Di Smk Negeri 1 Pacet Cianjur Berbasis Internet Of Thing (Iot),” *Dr. Diss. Univ. Komput. Indones.*, 2019.
- [5] N. Prof. Dr. Bafdal and Ardiansah Irfan, *Smart Farming Berbasis Internet Of Things dalam Greenhouse*, vol. 4, no. 3. 2020.
- [6] A. P. Lestari, A. Riduan, Elliyanti, and D. Martino, “Pengembangan Sistem Pertanian Hidroponik pada Lahan Sempit Komplek Perumahan,” *Saintifik*, vol. 6, no. 2, pp. 136–142, 2020, doi: 10.31605/saintifik.v6i2.259.
- [7] S. D. Yanowitz and A. M. Bruckstein, “A new method for image segmentation,” *Comput. Vision, Graph. Image Process.*, vol. 46, no. 1, pp. 82–95, Apr. 1989, doi: 10.1016/S0734-189X(89)80017-9.
- [8] F. Gunawan Putri, J. Andjarwirawan, and A. Nathania Purbowo, “Penerapan Metode Convolutional Neural Network Untuk Clothing Image Recognition,” *J. Infra*, vol. 10, no. 1, 2022.
- [9] D. Srivastava, A. Kesarwani, and S. Dubey, “Measurement of Temperature and Humidity by using Arduino Tool and DHT11,” *Int. Res. J. Eng. Technol.*, vol. 05, no. 12, pp. 1–3, 2018.
- [10] Y. Irawan, A. Febriani, R. Wahyuni, and Y. Devis, “Water quality measurement and filtering tools using Arduino Uno, PH sensor and TDS meter sensor,” *J. Robot. Control*, vol. 2, no. 5, pp. 357–362, 2021, doi: 10.18196/jrc.25107.
- [11] D. Eridani, O. Wardhani, and E. D. Widiyanto, “Designing and implementing the arduino-based nutrition feeding automation system of a prototype scaled nutrient film technique (NFT) hydroponics using total dissolved solids (TDS) sensor,” *Proc. - 2017 4th Int. Conf. Inf. Technol. Comput. Electr. Eng. ICITACEE 2017*, no. October, pp. 170–175, 2017, doi: 10.1109/ICITACEE.2017.8257697.

- [12] HIDROPONIKPEDIA, “Tabel PPM dan pH Nutrisi Hidroponik,” 2016. <https://hidroponikpedia.com/tabel-ppm-dan-ph-nutrisi-hidroponik/> (accessed Apr. 12, 2023).
- [13] Engineering Projects, “Temperature Compensated Arduino TDS Meter,” 2022. <https://bestengineeringprojects.com/temperature-compensated-arduino-tds-meter/> (accessed Jun. 09, 2023).
- [14] N. Sadikin, M. Sari, and B. Sanjaya, “Smarthome Using Android Smartphone, Arduino uno Microcontroller and Relay Module,” *J. Phys. Conf. Ser.*, vol. 1361, no. 1, 2019, doi: 10.1088/1742-6596/1361/1/012035.
- [15] K. L. Yana, K. R. Dantes, and N. A. Wigraha, “Rancang Bangun Mesin Pompa Air Dengan Sistem Recharging,” *J. Pendidik. Tek. Mesin Undiksha*, vol. 5, no. 2, 2017, doi: 10.23887/jjtm.v5i2.10872.
- [16] X. Y. Gan, H. Ibrahim, and D. A. Ramli, “A simple vision based anthropometric estimation system using webcam,” *J. Phys. Conf. Ser.*, vol. 1529, no. 2, 2020, doi: 10.1088/1742-6596/1529/2/022067.
- [17] S. Brahmabhatt, “Practical OpenCV,” *Pract. OpenCV*, 2013, doi: 10.1007/978-1-4302-6080-6.
- [18] Arduino LLC *et al.*, “Arduino Nano,” vol. 2010, p. 1, 2012.
- [19] M. Maksimović, V. Vujović, N. Davidović, V. Milošević, and B. Perišić, “Raspberry Pi as Internet of Things hardware : Performances and Constraints,” *Des. Issues*, vol. 3, p. 8, 2014.
- [20] TECH-FAQ, “HSV (Hue, Saturation, and Value).” <https://www.tech-faq.com/hsv.html> (accessed Jun. 09, 2023).
- [21] P. Panchal, V. C. Raman, and S. Mantri, “Plant Diseases Detection and Classification using Machine Learning Models,” *CSITSS 2019 - 2019 4th Int. Conf. Comput. Syst. Inf. Technol. Sustain. Solut. Proc.*, vol. 4, pp. 1–6, 2019, doi: 10.1109/CSITSS47250.2019.9031029.
- [22] N. Khamdi, M. Susantok, and P. Leopard, “Pendeteksian Objek Bola dengan Metode Color Filtering HSV pada Robot Soccer Humanoid,” *J. Nas. Tek. Elektro*, vol. 6, no. 2, p. 123, 2017, doi: 10.25077/jnte.v6n2.398.2017.

- [23] Newbedev, “Choosing the correct upper and lower HSV boundaries for color detection with `cv::inRange` (OpenCV).” <https://newbedev.com/choosing-the-correct-upper-and-lower-hsv-boundaries-for-color-detection-with-cv-inrange-opencv> (accessed Jun. 09, 2023).
- [24] R. Prathivi and Y. Kurniawati, “Sistem Presensi Kelas Menggunakan Pengenalan Wajah Dengan Metode Haar Cascade Classifier,” *J. Tek. Mesin, Elektro dan Ilmu Komput.*, vol. 11, no. 1, pp. 135–142, 2020, doi: 10.24176/simet.v11i1.3754.
- [25] R. Isum, S. Maryati, and B. Tryatmojo, “Akurasi Sistem Face Recognition Opencv Menggunakan Raspberry Pi Dengan Metode Haar Cascade,” *J. Ilm. Inform.*, vol. 7, no. 02, pp. 92–98, 2019.
- [26] P. J. Roig, S. Alcaraz, K. Gilly, and C. Juiz, “Algebraic Formal Modelling for HTTP Main Methods using ACP,” *Proc. 23rd Int. Conf. Electron. 2019, Electron. 2019*, 2019, doi: 10.1109/ELECTRONICS.2019.8765572.
- [27] C. Anghel Drugarin, S. Draghici, and E. Raduca, “Team Viewer Technology for Remote Control of a Computer.,” *Analele Univ. “Eftimie Murgu,”* vol. 23, no. 1, pp. 61–66, 2016.
- [28] Agus Suryanto, Noor Hudallah, Tatyantoro Andrasto, Cahyo Fajar Adhiningtyas, and Seftriana Anifa Khusniasari, “Optimalisasi Keluaran Panel Surya Menggunakan Solar Tracker Berbasis Kamera Terintegrasi Raspberry Pi,” *J. Nas. Tek. Elektro dan Teknol. Inf.*, vol. 10, no. 3, pp. 282–290, 2021, doi: 10.22146/jnteti.v10i3.1142.
- [29] G. M. Debele and X. Qian, “Automatic Room Temperature Control System Using Arduino UNO R3 and DHT11 Sensor,” *2020 17th Int. Comput. Conf. Wavelet Act. Media Technol. Inf. Process. ICCWAMTIP 2020*, no. February, pp. 428–432, 2020, doi: 10.1109/ICCWAMTIP51612.2020.9317307.
- [30] N. kholisatul . A. N. Hernanjaya, “Performansi Kualitas Jaringan Wireless Di ITS PKU Muhammadiyah Wireless Network Quality Performance At ITS PKU Muhammadiyah,” *J. Inform. , Sains , dan Teknol.*, vol. 1, no. 1, pp. 12–22, 2022.
- [31] ITU-T, “G.1010: End-user multimedia QoS categories,” *Int. Telecommun. Union*, vol. 1010, 2001.