

DAFTAR PUSTAKA

- [1] C. Tanujaya and O. Dwi W., “PENGARUH DURASI DUDUK DAN AKTIVITAS FISIK KARYAWAN PERKANTORAN JAKARTA TERHADAP KEJADIAN LOW BACK PAIN,” *Jurnal Medika Malahayati*, vol. 8, no. 1, pp. 70–78, Mar. 2024.
- [2] F. Hasan, “Apakah Berbahaya Jika Laptop Panas?,” Fokus Tekno. Accessed: Feb. 14, 2025. [Online]. Available: <https://fokus.co.id/teknologi/apakah-berbahaya-jika-laptop-panas?>
- [3] N. Bhakti P. and A. Fabela P., “PENGARUH PENCAHAYAAN ALAMI TERHADAP KENYAMANAN BELAJAR SISWA STUDI KASUS RUANG KELAS 1 DAN 2 SMP N 6 SURAKARTA,” in *SEMINAR ILMIAH ARSITEKTUR*, SURAKARTA: SIAR V 2024: , 2024, pp. 867–873.
- [4] I. Nurfajriyani, Intan, Q. Fadilatussaniatun, I. Ridwan Y., and T. Kurniati, “PENGARUH SUHU RUANGAN KELAS TERHADAP KONSENTRASI BELAJAR MAHASISWA PENDIDIKAN BIOLOGI SEMESTER VII (B),” *Jurnal Bio Educatio*, vol. 5, no. 1, pp. 11–15, Apr. 2020.
- [5] A. Subhan A. and T. Hasanuddin, “Desain Meja Belajar dengan Pengingat Waktu Belajar Berbasis Arduino Uno untuk Kenyamanan Anak dalam Belajar,” *Jurnal Inovasi Teknik dan Edukasi Teknologi*, vol. 1, no. 11, pp. 823–828, 2021.
- [6] S. Salsabila, “Rancang Bangun Alat Koreksi Postur dan Lama Waktu Duduk dengan Flex Sensor Berbasis Arduino Uno,” Universitas Islam Negeri Syarif Hidayatullah, Jakarta, 2023.
- [7] C. Dwi S. and A. Wicaksono, “Prototype Alarm Posisi Postur Tubuh Berbasis NodeMCU ESP8266,” *Jurnal Teknologi Elektro*, vol. 15, no. 1, pp. 59–63, Jan. 2024.
- [8] Y. Yuniar R., R. Septy W., and M. Raharja, “ANALISIS INDIKASI RESIKO POSTUR PENGGUNA DESAIN MEJA BELAJAR PORTABEL,” *Jurnal Konversi Energi dan Manufaktur*, vol. 9, no. 1, pp. 1–7, Jan. 2024.

- [9] T. Aisyah, Y. Ristam R., and A. Setiawan, "Prototipe Kelas Pintar (Smart Class) dengan Memanfaatkan Teknologi IoT," in *Seminar Nasional Teknik Elektro*, Tangerang Selatan: Institut Teknologi Indonesia, Nov. 2020, pp. 83–92.
- [10] Z. Mufid and Musafa, "IMPLEMENTASI PENGGUNAAN INTERNET OF THINGS (IoT) DI DUNIA PENDIDIKAN SELAMA MASA PENDEMI COVID-19," *Jurnal Konseling Pendidikan Islam*, vol. 3, no. 2, pp. 439–446, Jul. 2022.
- [11] M. Zaini, Safrudin, and M. Bachrudin, "PERANCANGAN SISTEM MONITORING TEGANGAN, ARUS DAN FREKUENSI PADA PEMBANGKIT LISTRIK TENAGA MIKROHIDRO BERBASIS IOT," *Jurnal Teknik Elektro TESLA*, vol. 22, no. 2, pp. 139–150, Oct. 2020.
- [12] F. Puspasari, T. Prima S., U. Yusmaniar O., I. Fahrurrozi, and H. Prisyanti, "Analisis Akurasi Sistem Sensor DHT22 berbasis Arduino terhadap Thermohygrometer Standar," *Jurnal Fisika dan Aplikasinya*, vol. 16, no. 1, pp. 40–45, 2020.
- [13] Ltd. Aosong Electronics Co., "AM2302 (DHT22) Temperature and Humidity Sensor Datasheet." Accessed: Mar. 18, 2025. [Online]. Available: <https://www.adafruit.com/datasheets/DHT22.pdf>
- [14] A.-R. Jung, M.-S. Song, H.-S. Shin, and Y.-B. Cho, "A Lifelog Posture Estimation Web Program Using Arduino and FSR402 Sensors," *Journal of The Korea Society of Computer and Information*, vol. 29, no. 11, pp. 251–258, Nov. 2024.
- [15] A. Fahmi M., "RANCANG BANGUN PROTOTIPE PENGUKUR KEKUATAN TARIKAN BIBIR DAN PENGUKUR TEKANAN LIDAH UNTUK TEKNOLOGI KESEHATAN GIGI," Universitas Hasanuddin, Gowa, 2021.
- [16] Interlink Electronics Sensor Technologies, "FSR 402 Data Sheet, FSR 400 Series Round Force Sensing Resistor." Accessed: May 10, 2025. [Online]. Available: <https://cdn.sparkfun.com/assets/8/a/1/2/0/2010-10-26-DataSheet-FSR402-Layout2.pdf>

- [17] M. Azwar A., A. Widodo, M. Cholifah A., I. Eka N., and D. Makrufa, “KARAKTERISASI SENSOR CAHAYA LIGHT DEPENDENT RESISTOR (LDR),” *Jurnal Pendidikan dan Sains*, vol. 2, no. 4, pp. 612–622, Jul. 2022.
- [18] LTD. LIDA OPTICAL&ELECTRONIC CO., “CdS PHOTOCONDUCTIVE CELLS GL5528.” Accessed: May 10, 2025. [Online]. Available: <https://www.sunrom.com/download/628.pdf>
- [19] ANSI/ASHRAE, *Thermal Environmental Conditions for Human Occupancy*, Standard 55: 2017. ASHRAE, 2017.
- [20] Badan Standardisasi Nasional, “Konservasi energi pada sistem pencahayaan,” Jakarta, 2000.
- [21] International Organization for Standardization, “ISO 10012:2003 – Measurement management systems — Requirements for measurement processes and measuring equipment,” Geneva, 2003. Accessed: May 23, 2025.
- [22] International Organization for Standardization, “ISO 5725-1:2023 – Accuracy (trueness and precision) of measurement methods and results: General principles and definitions,” Geneva, 2023. Accessed: May 23, 2025.
- [23] International Organization for Standardization, “ISO/IEC 17025:2017 – General requirements for the competence of testing and calibration laboratories,” Geneva, 2017. Accessed: May 26, 2025.
- [24] Badan Standardisasi Nasional (BSN), “SNI ISO 8995-1:2017 – Penerangan Ruang Kerja Bagian 1: Ruang Kerja dalam Ruangan,” Jakarta, 2017.
- [25] International Organization for Standardization, “ISO 9241-6:1999 – Ergonomic requirements for office work with visual display terminals (VDTs) — Part 6: Environmental requirements,” Geneva, 1999.
- [26] International Organization for Standardization, “ISO 3534-2:2006 – Statistics – Vocabulary and symbols – Part 2: Applied statistics,” Geneva, 2006.