

DAFTAR PUSTAKA

- Abubeker, K. M., Ramani, R., Krishnamoorthy, R., Gogula, S., Baskar, S., Muthu, S., Chellamuthu, G., & Subramaniam, K. (2024). Internet of Things enabled open source assisted real-time blood glucose monitoring framework. *Scientific Reports*, 14(1). <https://doi.org/10.1038/s41598-024-56677-z>
- Babajide Mustapha, I., & Saeed, F. (2016). Bioactive Molecule Prediction Using Extreme Gradient Boosting. *Molecules (Basel, Switzerland)*, 21(8). <https://doi.org/10.3390/molecules21080983>
- Chen, T., & Guestrin, C. (2016). XGBoost: A scalable tree boosting system. *Proceedings of the ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 13-17-August-2016*, 785–794. <https://doi.org/10.1145/2939672.2939785>
- Diouri, O., Cigler, M., Vettoretti, M., Mader, J. K., Choudhary, P., & Renard, E. (2021). Hypoglycaemia detection and prediction techniques: A systematic review on the latest developments. *Diabetes/Metabolism Research and Reviews*, 37(7). <https://doi.org/10.1002/dmrr.3449>
- Fajar Firmansyah, E., Zulherman, D., Indriyanto, S., Teknik Biomedis Kampus Banyumas, P., Teknik Elektro Kampus Banyumas, P., Telkom, U., & Panjaitan No, J. DI. (2025). *ID: 15 Rancangan Perangkat Pengukuran Gula Darah Non-invasif Design of Non-Invasive Blood Sugar Measurement Devices*. 98–103.
- Ferdian Salim, M., Layanan dan Informasi Kesehatan, D., Vokasi, S., Gadjah Mada, U., & Sardjito, R. (2017). *Analisis Rekam Medis Pasien Diabetes Mellitus Melalui Implementasi Teknik Data Mining di RSUP Dr. Sardjito Yogyakarta (Vol. 2, Number 2)*.
- Hafiz Fahurrohman, M., Gilang Ardiansyah, M., & -, W. (2026). SISTEM PENDETEKSI DETAK JANTUNG REAL-TIME BERBASIS ESP32 DENGAN VISUALISASI OLED DAN TERINTEGRASI MELALUI TELEGRAM. *Jurnal Informatika Dan Teknik Elektro Terapan*, 14(1). <https://doi.org/10.23960/jitet.v14i1.8540>

- Iqbal, M., Rosadi, A., & Andana, K. (2022). PERANCANGAN SISTEM IoT UNTUK DETEKSI DINI BANJIR BERBASIS SENSOR WATER LEVEL MENGGUNAKAN PLATFORM BLYNK. In *Jurnal Ilmiah Computing Insight* (Vol. 4, Number 1).
- Kaur, P., Jain, A., Jhamb, S., Kumar, A., Singh, K., & Goyal, S. (2024). A cross-sectional comparative assessment of diabetic autonomic neuropathy using heart rate variability and galvanic skin response – Effect of disease progression. *National Journal of Physiology, Pharmacy and Pharmacology*, (0), 1. <https://doi.org/10.5455/njppp.2024.14.06324202328032024>
- Nugroho, S. A., Nugroho, E., Aprilia, S., & Pramuningtyas, S. M. (2025). RANCANG BANGUN ALAT CEK GULA DARAH, KOLESTEROL, DAN ASAM URAT NON INVASIF DENGAN SENSOR GY MAX 30102. *Jurnal Informatika Dan Teknik Elektro Terapan*, 13(2). <https://doi.org/10.23960/jitet.v13i2.6397>
- Prajapati, B., Ailani, V., & Dhar, R. (2022). Galvanic skin response. *International Journal of Health Sciences*, 5031–5036. <https://doi.org/10.53730/ijhs.v6ns4.10801>
- Pratama, C., Sulistiyanto, S., & Ximenes, J. (2025). Pemanfaatan Rompi Untuk Alat Pendeteksi Detak Jantung Dan Suhu Tubuh Berbasis Esp32 Di Puskesmas Pembantu Desa Sentul. *Akiratech*, 2(3), 127–135. <https://doi.org/10.63935/akiratech.v2i3.245>
- Rahmawati, R., Haryanti, T., & Kresna, E. (2020). Pengembangan Sistem Monitoring Penghitung Sit Up & Denyut Nadi Menggunakan Android Berbasis Mikrokontroler. In *Jurnal Ilmiah* (Vol. 2, Number 1).
- Risma Ayu Fitriyani, Noor Yulia, Puteri Fannya, & Laela Indawati. (2023). Prototipe Rekam Kesehatan Personal pada Pasien Diabetes Mellitus (Literature Review). *SEHATMAS: Jurnal Ilmiah Kesehatan Masyarakat*, 2(4), 982–990. <https://doi.org/10.55123/sehatmas.v2i4.2509>
- Rista Riviani, Erna Mutiara, Heru Santosa, & Arifa Masyitah. (2025). Analisis Spasial Kasus Diabetes Melitus dan Faktor Risiko di Provinsi Sumatera Utara Tahun 2023. *Jurnal Pengabdian Masyarakat Dan Riset Pendidikan*, 4(1), 972–979. <https://doi.org/10.31004/jerkin.v4i1.1683>

- Sedighi, A., Kou, T., Huang, H., & Li, Y. (2026). Noninvasive On-Skin Biosensors for Monitoring Diabetes Mellitus. In *Nano-Micro Letters* (Vol. 18, Number 1). Springer Science and Business Media B.V. <https://doi.org/10.1007/s40820-025-01843-9>
- Shafiq, S., Qureshi, I., -Ul-Huda, N., Bano, S., Sundas, A., & Tasneem, S. (2025). *Spectrum of Engineering Sciences ISSN (e) 3007-3138 (p) 3007-312X IOT-BASED HEALTH MONITORING SYSTEM USING MYSIGNALS AND LORA FOR REMOTE PATIENT CARE Sabahat Tasneem.* <https://doi.org/10.5281/zenodo.17098714>

