

DAFTAR PUSTAKA

- Baba, E., Jilbab, A. and Hammouch, A. (2018). A health remote monitoring application based on wireless body area networks. [*online*] IEEE Xplore. doi:<https://doi.org/10.1109/ISACV.2018.8354042>.
- Hui, G. (2010). Real-time human heart rate monitoring using a wireless sensor network based on stochastic resonance. [*online*] IEEE Xplore. Available at: <https://ieeexplore.ieee.org/document/5496621> [*Accessed* 9 Nov. 2022].
- Imdouxh, M., Khalil, Y., Rady, A. and Khanafer, M. (2017). Zealth: ZigBee-Based WBAN System for e-Health Monitoring. [*online*] IEEE Xplore. doi:<https://doi.org/10.1109/IEEEGCC.2017.8448094>.
- Goyal, Krishan & Garg, Amit & Rastogi, Ankur & Singhal, Saurabh. (2018). A Literature Survey on Internet of Things (IoT). International Journal of Advanced Manufacturing Technology. 9. 3663-3668.
- Jincheng, Z., Yanfei, L., Boyuan, Z. and Kai, W. (2021). Design and implementation of wearable oxygen saturation monitoring system. 2021 IEEE International Conference on Electrical Engineering and Mechatronics Technology (ICEEMT). doi:<https://doi.org/10.1109/iceemt52412.2021.9601533>.
- Kim, Y., Lee, S. and Lee, S. (2015). Coexistence of ZigBee-Based WBAN and WiFi for Health Telemonitoring Systems. IEEE Journal of Biomedical and Health Informatics, [*online*] 20(1), pp.222–230. doi:<https://doi.org/10.1109/jbhi.2014.2387867>.
- Kusumah, I.H., Artiyasa, M., Al-Bukhori, Khoiri, M.I., Ramadhan, A.D. and Supiyandi (2020). Blood Pressure Measurement using in Wrist PPG and ECG. 2020 6th International Conference on Computing Engineering and Design (ICCED). doi:<https://doi.org/10.1109/icced51276.2020.9415821>.
- Ma, T., Du, F. and Fang, C. (2011). Sensors State Monitoring based on LabVIEW and Wireless Nodes. Procedia Engineering, [*online*] 15, pp.2639–2643. doi:<https://doi.org/10.1016/j.proeng.2011.08.496>.
- Matsunaga, K., Ogasawara, T., Kodate, J., Mukaino, M. and Saitoh, E. (2019). On-site Evaluation of Rehabilitation Patients Monitoring System Using Distributed Wireless Gateways. [*online*] IEEE Xplore. doi:<https://doi.org/10.1109/EMBC.2019.8856963>.
- Nubenthan, S. and Ravichelvan, K. (2017). A wireless continuous patient monitoring system for dengue; Wi-Mon. [*online*] IEEE Xplore. doi:<https://doi.org/10.1109/WiSPNET.2017.8300150>.
- Prasanth, C.P., Prakash, R., Rufus, E. and Alex, Z.C. (2021). Design and Development of Cloud Based Mobile Health Monitoring System. 2021

- Innovations in Power and Advanced Computing Technologies (i-PACT). doi:<https://doi.org/10.1109/i-pact52855.2021.9696526>.
- Sharma, V. and Sharma, S. (2017). Low energy consumption based patient health monitoring by LEACH protocol. [online] IEEE Xplore. doi:<https://doi.org/10.1109/ICISC.2017.8068632>.
- Singh, K., Thiyagarajan, P. and P, S. (2022). Design and implementation of IoT enabled low cost SPO2 and heart rate monitoring system. 2022 IEEE Delhi Section Conference (DELCON). doi:<https://doi.org/10.1109/delcon54057.2022.9753167>.
- Wu, T., Wu, F., Redoute, J.-M. and Yuce, M.R. (2017). An Autonomous Wireless Body Area Network Implementation Towards IoT Connected Healthcare Applications. IEEE Access, [online] 5, pp.11413–11422. doi:<https://doi.org/10.1109/access.2017.2716344>.
- F. Ghifari and R. S. Perdana, "Minimum System Design of The IoT-Based ECG Monitoring," 2020 International Conference on ICT for Smart Society (ICISS), Bandung, Indonesia, 2020, pp. 1-6, doi: 10.1109/ICISS50791.2020.9307590.
- A. S. Prasad and N. Kavanashree, "ECG Monitoring System Using AD8232 Sensor," 2019 International Conference on Communication and Electronics Systems (ICCES), Coimbatore, India, 2019, pp. 976-980, doi: 10.1109/ICCES45898.2019.9002540.
- American Thoracic Society (2021). Pulse Oximetry. [online] American Thoracic Society. Available at: <https://www.thoracic.org/patients/patient-resources/resources/pulse-oximetry.pdf> [Accessed 8 May 2023].
- Last Minute Engineers (2022). Interfacing MAX30102 Pulse Oximeter and Heart Rate Sensor with Arduino. [online] Last Minute Engineers. Available at: <https://lastminuteengineers.com/max30102-pulse-oximeter-heart-rate-sensor-arduino-tutorial/>.
- SparkfunElectronics (2020). AD8232 Heart Rate Monitor Hookup Guide - learn.sparkfun.com. [online] Sparkfun.com. Available at: <https://learn.sparkfun.com/tutorials/ad8232-heart-rate-monitor-hookup-guide/all>.
- The Tinker Foundry (2023). ESP32 Based Pulse-Oximeter using MAX30102. [online] YouTube. Available at: <https://www.youtube.com/watch?v=xjwSKy6jzTI> [Accessed 20 Apr. 2025].
- thingsboard (2017). ThingsBoard - Open-source IoT Platform. [online] ThingsBoard. Available at: <https://thingsboard.io/>.
- maximintegrated (n.d.). MAX30102. [online] Available at: <https://www.analog.com/media/en/technical-documentation/data-sheets/max30102.pdf>.