

DAFTAR PUSTAKA

- [1] F. Daso, "Journal of Control and Network Systems," *J. Control Netw. Syst.*, vol. 4, no. 1, pp. 92–99, 2015.
- [2] C. Sowmiya, "Analytical Study of Heart Disease Diagnosis Using Classification Techniques," *IEEE*, 2017.
- [3] M. W. Gifari, H. Zakaria, and R. Mengko, "Design of ECG Homecare : 12-Lead ECG Acquisition using Single Channel ECG Device Developed on AD8232 Analog Front End," *IEEE*, pp. 371–376, 2015.
- [4] Y. Ohta and H. Yoshida, "ECG-based Biometric Authentication Using Multiscale Descriptors," *IEEE*, pp. 1–4, 2015.
- [5] K. M. Gaikwad, "Removal of High Frequency Noise from ECG Signal Using Digital IIR Butterworth Filter," pp. 121–124, 2014.
- [6] S. Deb, S. R. Islam, J. Robaiatmou, and T. Islam, "Design and Implementation of Low Cost ECG Monitoring System for the Patient using Smart Device," *Int. Conf. Electr. Comput. Commun. Eng.*,

pp. 774–778, 2017.

- [7] T. M. Chieng, Y. W. Hau, and Z. Omar, “The Study and Comparison between Various Digital Filters for ECG De-noising,” *2018 IEEE-EMBS Conf. Biomed. Eng. Sci.*, pp. 226–232, 2018.
- [8] A. D. Jeyarani and T. Jaya Singh, “Analysis of noise reduction techniques on QRS ECG waveform - by applying different filters,” *Proc. Int. Conf. “Recent Adv. Sp. Technol. Serv. Clim. Chang. - 2010”*, *RSTS CC-2010*, pp. 149–152, 2010.
- [9] A. Ahamed and M. Ahmad, “A Cost-Effective Multichannel Wireless ECG Acquisition System,” *2018 10th Int. Conf. Electr. Comput. Eng.*, pp. 397–400, 2018.
- [10] P. Dedhia, “Low Cost Solar ECG with Bluetooth transmitter,” *Int. Conf. Biomed. Eng.*, no. February, pp. 27–28, 2012.
- [11] A. M. Al-busaidi and L. Khriji, “Digitally Filtered ECG Signal Using Low-Cost Microcontroller,” *IEEE*, pp. 258–263, 2013.
- [12] M. Yunus, “DESIGNING A 3- LEAD COST EFFECTIVE ECG RECORDING GLOVE FOR HOME MONITORING,” *Biosci. Eng. An Int. J.*,

vol. 1, no. April, 2014.

- [13] m. ryan fajar nurdin, "A Low-Cost Internet of Things (IoT) System for Multi-Patient ECG ' s Monitoring," *Int. Conf. Control. Electron. Renew. Energy Comun.*, pp. 7–11, 2016.
- [14] P. Singh, "IoT Based Low-Cost Distant Patient ECG Monitoring System," *Int. Conf. Comput.*, pp. 1330–1334, 2017.
- [15] A. B. J. Member, R. B. Member, A. K. Roy, and S. Member, "Design of a Low-power , Low-cost ECG & EMG Sensor for Wearable Biometric and Medical Application," *IEEE*, pp. 3–5, 2017.
- [16] S. K. Jagtap, "Butterworth Filter Application," *Int. Conf. Commun. Inf. Comput. Technol.*, pp. 1–6, 2012.
- [17] L. Irawati, "Tinjauan Pustaka Aktifitas Listrik pada Otot Jantung," vol. 4, no. 2, pp. 596–599, 2015.
- [18] J. Halomoan, "Analisa Sinyal EKG dengan Metoda HRV (Heart Rate Variability) pada Domain Waktu Aktivitas Berdiri dan Terlentang," *Semin. Nas. Apl. Teknol. Inf. 2013 Yogyakarta, 15 Juni 2013*, pp. 29–35, 2013.
- [19] P. T. Elektronika, B. Pengkajian, and G. Teknologi,

“Sistem Pemonitor Detak Jantung Portable Menggunakan Tiga Sensor Elektroda,” vol. 4, no. 1, pp. 14–17, 2017.

- [20] F. Ilmu, T. Universitas, F. Teknik, and E. Universitas, “Pengembangan Perangkat EKG 12 Lead dan Aplikasi Client-Server untuk Distribusi Data,” vol. 3, no. 2, pp. 91–105, 2015.
- [21] S. Hadiyoso, M. Julian, A. Rizal, and S. Aulia, “Pengembangan Perangkat EKG 12 Lead dan Aplikasi Client-Server untuk Distribusi Data,” *J. ELKOMIKA © Tek. Elektro Itenas | No. 2 | Vol. 3 ISSN 2338-8323 Juli - Desember 2015*, vol. 3, no. 2, pp. 91–105, 2015.
- [22] A. S. Alkhader, A. A. Alomar, A. S. Althonaibat, B. S. Hiyari, and M. A. Alshira, “ECG Interface Circuit Design for Improving The Quality of ECG Signal,” *Int. J. Res. Rev. Pharm. Appl. Sci.*, vol. 5, no. 2, pp. 1219–1230, 2015.
- [23] L. Lidyawati, P. Rahmiati, and Y. Sunarti, “Implementasi Filter Finite Impulse Response (FIR) Window Hamming dan Blackman menggunakan DSK TMS320C6713,” vol. 4, no. 1, pp. 16–30, 2016.

- [24] S. Saxena, R. Jais, and M. K. Hota, "Removal of powerline interference from ECG signal using FIR, IIR, DWT and NLMS adaptive filter," *Proc. 2019 IEEE Int. Conf. Commun. Signal Process. ICCSP 2019*, pp. 12–16, 2019.
- [25] T. Cdb, "Cd4051b, cd4052b, cd4053b," no. August 1998, pp. 1–13, 2000.
- [26] "No Title," vol. 328.