

## DAFTAR PUSTAKA

- [1] C. E. Ouserigha and A. K. Benjamin, "Evaluation of the Performance of the SP 1848-27145 Thermoelectric Generator Module," *Int. J. Sci. Res. Publ.*, vol. 12, no. 2, p. 339, 2022, doi: 10.29322/ijsrp.12.02.2022.p12246.
- [2] N. Nurdin, "Kinerja Pembangkit Daya Berbasis Thermoelectric Generator (TEG) pada Steamer," 2022.
- [3] S. Perpindahan, P. Pada, D. Ruang, and J. D. Hasibuan, "BAKAR BOILER DENGAN SOFTWARE ANSYS SKRIPSI Oleh : FAKULTAS TEKNIK UNIVERSITAS MEDAN AREA MEDAN SKRIPSI Diajukan sebagai Salah Satu Syarat untuk Memperoleh Gelar Sarjana di Program Studi Teknik Mesin Fakultas Teknik Universitas Medan Area Oleh : JOEL DAVID," 2023.
- [4] R. Rimbawati, B. Prandika, and C. Cholish, "Rancang Bangun Sistem Konversi Energi Panas Api Menjadi Energi Listrik Sebagai Alat Charger Baterai Menggunakan Termoelektrik," *Circuit J. Ilm. Pendidik. Tek. Elektro*, vol. 6, no. 1, p. 1, 2022, doi: 10.22373/crc.v6i1.10236.
- [5] K. A. M. Annuar, R. Mohamed, and Y. Yusof, "Investigation of temperature gradient between ambient air and soil to power up wireless sensor network device using a thermoelectric generator," *Telkomnika (Telecommunication Comput. Electron. Control)*, vol. 20, no. 1, pp. 185–193, 2022, doi: 10.12928/TELKOMNIKA.v20i1.22463.
- [6] R. Thankakan and E. R. Samuel Nadar, "Investigation of Thermoelectric Generator with Power Converter for Energy Harvesting Applications," *IETE J. Res.*, vol. 68, no. 3, pp. 2191–2203, 2022, doi: 10.1080/03772063.2019.1694451.
- [7] Jorena, "Menentukan Energi Gap Semikonduktor Silikon melalui Pengukuran Resistansi Bahan pada Suhu Beragam," *J. Penelit. Sains*, vol. 12, no. 1(B), pp. 1–3, 2009.
- [8] A. Lekbir and S. Mekhilef, "Performance and environmental impact analysis of thermoelectric generators through material selection and geometry optimization," 2025, doi: 10.20517/energymater.2025.46.
- [9] S. Artikel and K. Kunci, "TERMoelekTRIK GENERATOR DAN FUNGSINYA," vol. 9, pp. 404–418, 2024.
- [10] S. M. Penumala, A. Karmel, G. Kanimozhi, and J. Khanwalkar, "Thermoelectric generator powered timepiece circuit for rechargeable battery operation," *Sci. Rep.*, vol. 14, no. 1, pp. 1–17, 2024, doi: 10.1038/s41598-024-59260-8.
- [11] Y. Feng, L. Chen, F. Meng, and F. Sun, "Thermodynamic Analysis of TEG-TEC Device Including Influence of Thomson Effect," *J. Non-Equilibrium*

*Thermodyn.*, vol. 43, no. 1, pp. 75–86, 2018, doi: 10.1515/jnet-2017-0029.

- [12] G. J. Snyder and A. H. Snyder, “Figure of merit ZT of a thermoelectric device defined from materials properties,” *Energy Environ. Sci.*, vol. 10, no. 11, pp. 2280–2283, 2017, doi: 10.1039/c7ee02007d.
- [13] R. Bjørk, D. V. Christensen, D. Eriksen, and N. Pryds, “Analysis of the internal heat losses in a thermoelectric generator,” *Int. J. Therm. Sci.*, vol. 85, pp. 12–20, 2014, doi: 10.1016/j.ijthermalsci.2014.06.003.
- [14] A. S. F. Y. L. 2023, A. S. F. Y. L. 2023 KrsimantoroDoni, “Aplikasithermoelectric Generator(Teg) Pada Kompor Gas Menggunakan Dc/Dc Boost Konverter Dankontrolmppt Incremental Conductance(Inc),” vol. 07, pp. 88–97, 2023.
- [15] Karunia, “Rancang Bangun Charger Portable Berbasis Thermoelectric Generator Memanfaatkan Panas Knalpot Sepeda Motor Untuk Pengecasan Power Bank,” vol. 4, no. June, p. 2016, 2016.
- [16] A. Rjafallah, D. T. Cotfas, and P. A. Cotfas, “Legs Geometry Influence on the Performance of the Thermoelectric Module,” *Sustain.*, vol. 14, no. 23, 2022, doi: 10.3390/su142315823.
- [17] Y.-L. Cheng *et al.*, “We are IntechOpen , the world ’ s leading publisher of Open Access books Built by scientists , for scientists TOP 1 %,” *Intech*, vol. 11, no. tourism, p. 13, 2016, [Online]. Available: <https://www.intechopen.com/books/advanced-biometric-technologies/liveness-detection-in-biometrics>.
- [18] D. Bao, A. Kumar, X. Pan, X. Xiong, A. R. Beig, and S. K. Singh, “Switched Inductor Double Switch High Gain DC-DC Converter for Renewable Applications,” *IEEE Access*, vol. 9, pp. 14259–14270, 2021, doi: 10.1109/ACCESS.2021.3051472.
- [19] J. Almeida, P. Mendonça dos Santos, J. Caldinhas Vaz, R. A. Marques Lameirinhas, C. Pinho Correia Valério Bernardo, and J. P. N. Torres, “Step-Up DC-DC Converter Supplied by a Thermoelectric Generator for IoT Applications,” *Energies*, vol. 17, no. 21, pp. 1–15, 2024, doi: 10.3390/en17215288.
- [20] Sugiyanto, M. T. N. Umam, and E. Suciawan, “Rancang Bangun konstruksi TEG pada knalpot sepeda motor untuk pembangkitan listrik mandiri,” *Jurnal Forum Teknik*, vol. 36, no. 1. pp. 56–63, 2015.