

## DAFTAR PUSTAKA

- [1] Pertamina, “Menilik Kekayaan Gas Alam Indonesia Sebagai Salah Satu Tumpuan Kebutuhan Energi Masyarakat Indonesia,” 2020.
- [2] Z. Tharo and M. Andriana, “Pembangkit Listrik Hybrid Tenaga Surya Dan Angin Sebagai Sumber Alternatif Menghadapi Krisis Energi Fosil Di Sumatera,” *Semnastek UISU*, vol. 2, no. 4, pp. 141–144, 2019.
- [3] A. Wahyu, M. S. Gozali, and P. N. Batam, “Rancang Bangun Pemanas Induksi dengan Metode Multiturn Helical Lilitan elemen,” pp. 3–6, 2019.
- [4] S. Yokoyama, *Buku Panduan Biomassa Asia (Panduan untuk Produksi dan Pemanfaatan Biomassa)*. 2008.
- [5] B. P. dan P. Pertanian, “Sekam Padi Sebagai Sumber Alternatif dalam Rumah Tangga Petani,” 2015.
- [6] Dalimartha, *Atlas Tumbuhan Obat Indonesia*, 2nd ed. Jakarta: Trubus Agriwidya, 2009.
- [7] S. Yokoyama, “Buku Panduan Biomassa Asia(Panduan untuk Produksi dan Pemanfaatan Biomassa),” *Japan Inst. Energy*, vol. 20, no. 5, pp. 40–3, 2008.
- [8] T. 2010 Soerawidjaja, *Diskusi BKKPII Peran dan Makna Strategis Bioenergi bagi Indonesia*, vol. 2, no. 5. Jakarta, Indonesia: John Wiley & Sons, 1996.
- [9] Y. Vanwonterghem, “*Bio oil* production by biomass fast pyrolysis,” 2012.
- [10] BPSDM PU, “Teknologi Termal WtE Berbasis Pirolisis,” *J. Sos. Polit.*, vol. 3, no. 2, 2017.
- [11] M. Kumar, S. Sabbarwal, P. K. Mishra, and S. N. Upadhyay, “Thermal degradation kinetics of sugarcane leaves (*Saccharum officinarum* L) using thermo-gravimetric and differential scanning calorimetric studies,” *Bioresour. Technol.*, vol. 279, no. May, pp. 262–270, 2019, doi: 10.1016/j.biortech.2019.01.137.

- [12] P. Jutakridsada, R. Sriprasoed, N. Patikarnmonthon, and K. Kamwilaisak, "Comparison Study of Potential Energy Source in Pyrolysis Process," *Energy Procedia*, vol. 100, no. September, pp. 26–29, 2016, doi: 10.1016/j.egypro.2016.10.142.
- [13] F. Fitriyah, S. Hidayat, M. S. A. Bakar, and N. Phusunti, "Pyrolysis of Alang – Alang (*Imperata Cilindrica*) As Bioenergy Source in Banten Province Indonesia," *J. Kebijakan. Pembang. Drh.*, vol. 3, no. 1, pp. 60–78, 2019, doi: 10.37950/jkpd.v3i1.62.
- [14] P. Basu, *Biomass Gasification, Pyrolysis, and Torrefaction Practical Design and Theory*, Second Edi. San Diego, USA: Elsevier, 2013.
- [15] R. K. Shah and D. P. Sekuli, *Selection of Heat Exchangers and Their Components*. 2007. doi: 10.1002/9780470172605.ch10.
- [16] I. Y. Basri and D. Irfan, *Komponen Elektronika*, vol. 53, no. 9. 2018.
- [17] M. Amiruddin, B. Sutopo, and Rochmadi, "Sistem Kontrol Suhu dan Laju Pemanasan Alat Pirolisis," *Jnteti*, vol. 1, no. 3, pp. 49–54, 2012.
- [18] S. Widiyanto, "Rancang Bangun Dan Pengujian Unjuk Kerja Alat Penukar Kalor Tipe Serpentine Pada Split Air Conditioning Water Heater," *Jur. Tek. Mesin Fak. Tek. Univ. Muhammadiyah Surakarta*, 2017, [Online]. Available: <https://core.ac.uk/download/pdf/148617279.pdf>
- [19] J. M. Smith, H. C. Van Ness, and M. M. Abbot, *Introduction to Chemical Engineering Thermodynamics*. 2000.
- [20]. Antariksawan Kusuma, N. Putra, . Widodo, "Simulation of Heat Flux Effect in Straight Heat Pipe as Passive Residual Heat Removal System in Light Water Reactor Using RELAP5 Mod 3.2," *Desalination*, vol. 258, no. 1–3, pp. 148–153, 2012, doi: 10.1016/j.desal.2010.03.023.
- [21] J. W. & Sons, "Fundamental of Engineering Thermodynamics," 2012.
- [22] M. B. and I. M. Arsana, "Perencanaan Sistem Pemanas Pada Rancang Bangun Alat Penguji Efisiensi Wire And Tube Heat Exchanger," p. 86011881, 2014.
- [23] N. Rhoades, "A Fundamental Overview of Heating by Induction," *J. Sylva Sci.*, 2009, doi: 10.20527/jss.v3i4.2353.

- [24] Y. D. and J. Y. Li Hao, "Simulation of Induction Cookers with Different Structure and Material Parameter by the Finite Element Software," 2019.
- [25] L. Margaretha, "Medan Elektomagnetik," Medan, 2019.
- [26] A. Theodore., S.Lavine, *Fundamental of Heat and Mass Transfer*, vol. 1937. 2007.[Online].Available:<http://digilib.polban.ac.id/files/disk1/96/jbptppolban-%0Agdl-mochamadri-4787-3-bab2--8.pdf%0A>
- [27] N. Aung, S.S., Wai, H.P. & Soe, "Design Calculation and Performance Testing of Heating Lilitan elemen in Induction Surface Hardening Machine," *World Acad. Sci.*, pp. 5–13, 2008.
- [28] A. Ridho'I, "Induksi Panas Dari Frekuensi Tinggi Pengganti Pemanas," *Repos. Univ. Riau*, pp. 1–10, 2016.
- [29] Rustini, "Perancangan Pemanas Induksi berkapasitas 200W," *Jurnal Redoks*, vol. 5, no. 1. p. 20, 2018.
- [30] Y. J. Park, J. S., Taniguchi, S., Park, "Maximum Joule Heat by Tubular Susceptor with Critical Thickness on Induction heating," vol. 1045, 2009.
- [31] R. Noviansyah, "Pemanas Induksi (Induction Heating) Kapasitas 200 Watt," *Univ. Gunadarma*, pp. 17–18, 2015.
- [32] S. Pambudi, "Pengaruh Variasi Beban Pada Pemanas Induksi Untuk Mendapatkan Penghematan Optimum," *Stat. Drh. Kec. Kartasura Tahun*, pp. 17–18, 2012.
- [33] Robert E. Treybal, "Mass Transfer Operations." p. 800, 1981.
- [34] Hakiki, M. F., & Riandadari, D. (2018). Rancang Bangun Sistem Induction Heater Berbasis Mikrokontroller Atmega 328. *Jurnal Rekayasa Mesin*, 4(03).
- [35] Kurniawan. I, & Girawan. B.A. "Rancang Bangun Alat Pemanas Induksi Proses Perlakuan Panas", 2020.