

DAFTAR PUSTAKA

- [1] O. Irimia, C. Tomozei, M. Panainte-Lehadus, and M. C. Dinu, "Evaluation of the potential of wind energy as a source of electricity generation: Case study - Vanatori Wind Power Plant," *2020 7th Int. Conf. Energy Effic. Agric. Eng. EE AE 2020 - Proc.*, Nov. 2020, doi: 10.1109/EEAE49144.2020.9278983.
- [2] A. K. Nag and S. Sarkar, "Techno-economic analysis of a micro-hydropower plant consists of hydrokinetic turbines arranged in different array formations for rural power supply," *Renew. Energy*, vol. 179, pp. 475–487, Dec. 2021, doi: 10.1016/J.RENENE.2021.07.067.
- [3] A. Tapia, D. G. Reina, and P. Millán, "Optimized micro-hydro power plants layout design using messy genetic algorithms," *Expert Syst. Appl.*, vol. 159, p. 113539, Nov. 2020, doi: 10.1016/J.ESWA.2020.113539.
- [4] N. F. Yah, A. N. Oumer, and M. S. Idris, "Small scale hydro-power as a source of renewable energy in Malaysia: A review," *Renew. Sustain. Energy Rev.*, vol. 72, pp. 228–239, May 2017, doi: 10.1016/J.RSER.2017.01.068.
- [5] B. Guo, A. Mohamed, S. Bacha, and M. Alamir, "Variable speed micro-hydro power plant: Modelling, losses analysis, and experiment validation," *Proc. IEEE Int. Conf. Ind. Technol.*, vol. 2018-February, pp. 1079–1084, Apr. 2018, doi: 10.1109/ICIT.2018.8352328.
- [6] W. Gil-González, O. D. Montoya, and A. Garces, "Modeling and control of a small hydro-power plant for a DC microgrid," *Electr. Power Syst. Res.*, vol. 180, p. 106104, Mar. 2020, doi: 10.1016/J.EPSR.2019.106104.
- [7] A. Harrouz, I. Colak, and K. Kayisli, "Energy modeling output of wind system based on wind speed," *8th Int. Conf. Renew. Energy Res. Appl. ICRERA 2019*, pp. 63–68, Nov. 2019, doi: 10.1109/ICRERA47325.2019.8996525.
- [8] M. Rahimi, "Modeling, control and stability analysis of grid connected PMSG based wind turbine assisted with diode rectifier and boost converter," *Int. J. Electr. Power Energy Syst.*, vol. 93, pp. 84–96, Dec. 2017, doi: 10.1016/J.IJEPES.2017.05.019.
- [9] V. P. Chandran, S. Murshid, and B. Singh, "Third order sinusoidal integrator control of PV-Hydro-BES based isolated micro-grid," *2018 2nd IEEE Int. Conf. Power Electron. Intell. Control Energy Syst. ICPEICES 2018*, pp. 582–587, Oct. 2018, doi: 10.1109/ICPEICES.2018.8897494.
- [10] W. Gil-Gonzalez, A. Garces, and O. B. Fosso, "Passivity-Based Control for Small Hydro-Power Generation with PMSG and VSC," *IEEE Access*, vol. 8, pp. 153001–153010, 2020, doi: 10.1109/ACCESS.2020.3018027.

- [11] V. P. Chandran, S. Murshid, and B. Singh, "Power Quality Improvement for PMSG Based Isolated Small Hydro System Feeding Three-Phase 4-Wire Unbalanced Nonlinear Loads," *ITEC 2019 - 2019 IEEE Transp. Electr. Conf. Expo*, Jun. 2019, doi: 10.1109/ITEC.2019.8790635.
- [12] P. Rakshith, J. R. Bhat, M. Ashwini, C. R. Rakshitha, and V. K. Sharma, "Output Maximization by Modeling and Simulation of Hybrid Wind/Photovoltaic Standalone Generation," *Int. Conf. Curr. Trends Comput. Electr. Electron. Commun. CTCEEC 2017*, pp. 447–453, Sep. 2018, doi: 10.1109/CTCEEC.2017.8455168.
- [13] A. Belkaid, I. Colak, K. Kayisli, and R. Bayindir, "Indirect Sliding Mode Voltage Control of Buck Converter," *8th Int. Conf. Smart Grid, icSmartGrid 2020*, pp. 90–95, Jun. 2020, doi: 10.1109/ICSMARTGRID49881.2020.9144974.
- [14] V. P. Chandran, S. Kewat, and B. Singh, "Reconfigurable two-stage solar PV -Battery supported- small hydro system based micro-grid," *9th IEEE Int. Conf. Power Electron. Drives Energy Syst. PEDES 2020*, Dec. 2020, doi: 10.1109/PEDES49360.2020.9379336.
- [15] Suhariningsih, M. A. M. Mukti, and R. Rakhmawati, "Implementation Buck-Boost Converter using PI Control for Voltage Stability and Increase Efficiency," *Proc. - 2019 Int. Semin. Appl. Technol. Inf. Commun. Ind. 4.0 Retrospect. Prospect. Challenges, iSemantic 2019*, pp. 492–496, Sep. 2019, doi: 10.1109/ISEMANTIC.2019.8884308.
- [16] S. Kumar and P. R. Thakura, "Closed loop PI control of DC-DC Cascode Buck-Boost converter," *Proc. 2017 Int. Conf. Innov. Information, Embed. Commun. Syst. ICIIECS 2017*, vol. 2018-January, pp. 1–6, Jul. 2017, doi: 10.1109/ICIIECS.2017.8275838.
- [17] S. Tripathy and B. Mohanty, "Cascaded Controlled Converter System for Grid Connected Variable Speed Wind Generator," *Int. Conf. Comput. Intell. Smart Power Syst. Sustain. Energy, CISPSSE 2020*, Jul. 2020, doi: 10.1109/CISPSSE49931.2020.9212208.
- [18] M. R. Haque and M. A. Razzak, "A buck converter-based battery charging controller for electric vehicles using modified PI control system," *2021 IEEE Int. IOT, Electron. Mechatronics Conf. IEMTRONICS 2021 - Proc.*, Apr. 2021, doi: 10.1109/IEMTRONICS52119.2021.9422646.