

DAFTAR PUSTAKA

- [1] M. H. Gerardi, "The Microbial of Anaerobic Digester," 2003.
- [2] F. C. Chun, Y. L. Yu, Q. X. Kai, E. Yoshitaka, I. Yuhei dan N. K. Hai, "A pH- and Temperature-Pahes Two-Stage Process For Hydrogen and Methane Production From Food Waste," *International Journal of Hydrogen Energy*, vol. 33, pp. 4739-4746, 2008.
- [3] G. Balachandar, N. Khanna dan D. Das, "'Biohydrogen Production from Organic Waste by Dark Fermentation'," *Biohydrogen*, pp. 103-144, 2013.
- [4] B. K. Setiawan, "Sistem Pengkondisi Suhu Substrat Limbah Organik di Subreaktor Metanogenesis Temperature Phased Anaerobic Digestion," *Tugas Akhir*, 2016.
- [5] W. Bolton, "Mechatronics, Electronic Control System in Mechanical and Electrical Engineering," *Prentice Hall*, 1998.
- [6] STMicroelectronic, "STM32F10xx Reference Manual," STMicroelectronic, 2010.
- [7] Sumanti, "LabVIEW based Advanced Instrumentation System," *Springer-Verlag Berlin Heidelberg*, 2007.
- [8] T. Haryati, "Biogas : Limbah Peternakan yang Menjadi Sumber Energi Alternatif," *Wartazoa*, vol. 16, p. 3, 2006.
- [9] D. Das, N. Khanna dan C. N. Dasgupta, "Biohidrogen Production Fundamentals and Technology Advances," *New York: CRC Press*, 2014.
- [10] T. A. Seadi, "Biogas Handbook," *Denmark: University of Shouthern Denmark Esbjerg*, 2008.
- [11] F. R. Silmi, "Analisis Pengaruh Pengontrolan Tekanan terhadap Produksi Gas Hidrogen pada Reaktor Temperature Phased Anaerobic Digester (TPAD)," *Tugas Akhir*, 2016.
- [12] M. Integrated, "Datasheets: Maxim Integrated," 2015. [Online]. Available: <https://datasheets.maximintegrated.com>. [Diakses 12 January 2017].

- [13] Farnell, "Farnell : Conditioned, Integrated Silicon Pressure Sensor On-Chip Signal," 2008. [Online]. Available: <https://farnell/datasheets.com>. [Diakses 12 11 2016].
- [14] DFRobot, "www.dfrobot.com," 2016.[Online]. Available: [http://dfrobot.com/wiki/index.php/PH_meter\(SKU:_SEN0161\)](http://dfrobot.com/wiki/index.php/PH_meter(SKU:_SEN0161)). [Diakses 27 juni 2016].
- [15] B. Pratiwi, "Rancang Bangun Sistem Pemanas Substrat pada Reaktor Hidrogen Termofilik Menggunakan Fuzzy Logic," 2015.
- [16] ST-Microelectronics, "http://www.st.com," ST-Microelectronics, 2010. [Online]. Available: http://www.st.com/content/st_com/en/products/embedded-software/mcus-embedded-software/. [Diakses 24 November 2015].
- [17] D. Kusanto, "Perancangan Sistem Akuisisi Data Sebagai Alternatif Modul DAQ LabVIEW Menggunakan Mikrokontroler ATMEGA8535," ITS, 2010.
- [18] E. Krisdina, "Kontrol pH pada Reaktor TPAD (Temperature Phased Anaerobik Digester) bagian Reaktor Hidrogen Termofilik," 2015.
- [19] Happyanto dan C. Dedid, "SENSOR," *PENS Surabaya*, 2005.