

DAFTAR PUSTAKA

- Abawajy, J., & Robles, R. J.,2010. Secured Communication Scheme for SCADA in Smart Grid Environment. *Journal of Security Engineering*, 7(6), 575–584.
- Abimanyu, A., Jumari, Yuliansari, D., Kusuma, G., & Sukarman.,2013. Design Mini Scada For Furnace Induction Reactor Of Kernel Coating. In *International Conference on Computer, Control, Informatics and Its Applications* (pp. 195–200).
- Adamo, F. *et al.*,2007 ‘SCADA/HMI systems in advanced educational courses’, *IEEE Transactions on Instrumentation and Measurement*, 56(1), pp. 4–10. doi: 10.1109/TIM.2006.887216.
- Akhoua, M. N.,2013. SCADA application of a Water Steam Cycle of a Thermal Power Plant. *International Journal of Simulation Modelling*, 10(1), 5–16.
- Arsyad, A.,2015. Media Pembelajaran, Jakarta : Rajawali Pers.
- Borrego, M., Douglas, E.P. & Amelink, C.T.,2009. Quantitative, Qualitative, and Mixed Research Method in Engineering Education. *Journal Of Engineering Education*, pp. 53 – 66.
- B. Qiu and H. B. Gooi.,2000. “Web-based SCADA display systems (WSDS)for access via internet,” *IEEE Trans. Power Syst.*, vol. 15, no. 2, pp.681–686.
- B. Qiu, H. B. Gooi, Y. Liu, and E. K. Chan.,2002.“Internet-based SCADA display system,” *IEEE Comput. Appl. Power* , vol. 15, no. 1, pp. 14–19.
- Creswell, J.W.,2003. Reaserch Design : Qualitative, quantitative adn Mixed Method Approches, USA : SAGE.
- Desai, P., Mahale, S., Desai, P., & Karamchnadani, S.,2014. Smart SCADA and Automation System in Power Plants. *International Journal of Current Engineering and Technology*, 4(5), 3484–3488.
- F. Adamo, F. Attivissimo, G. Cavone, and N. Giaquinto.,2007. “SCADA/HMI systems in advanced educational courses,” *IEEE Trans. Instr. Meas.* , vol. 56, no. 1, pp. 4–10.

- Fernandez, E. B., & Larrondo-Petrie, M. M.,2010. Designing secure SCADA systems using security patterns. In *Proceedings of the 43rd Hawaii International Conference on System Sciences* (pp. 1–8).
- Ha, J. S.,2014. A Human-machine Interface Evaluation Method Based on Balancing Principles. *24th DAAAM International Symposium on Intelligent Manufacturing and Automation*, 69, 13–19. <http://doi.org/10.1016/j.proeng.2014.02.197>
- Herlina.,2016. Implementasi Pengembangan Perangkat Pembelajaran Saintifik Dasar Elektronika Daya Dengan Metode Project Based Learning., (skripsi). Departemen Pendidikan Teknik Elektro, Bandung.
- Johannsen, G.,2004. Auditory displays in human-machine interfaces. *Proceedings of the IEEE*, 92(4), 742–758.
- Kumar, R., Dewal, M. L., & Saini, K.,2010. Utility of SCADA in Power Generation and Distribution System. In *Proceedings - 2010 3rd IEEE International Conference on Computer Science and Information Technology, ICCSIT 2010* (Vol. 6, pp. 648–652).
- Lahti, J. P., Shamsuzzoha, A., & Kankaanpaa, T.,2011. Web-based technologies in Power Plant Automation and SCADA Systems : A Review and Evaluation. *IEEE International Conference on Control System, Computing and Engiinerig*, 279–284.
- Mayadevi, N., Ushakumari, S. S., & Vinodchandra, S. S.,2014. SCADA-based Operator Support System for Power Plant Equipment Fault Forecasting. *Journal of The Institution of Engineers (India): Series B*, 95(December), 369–376. <http://doi.org/DOI 10.1007/s40031-014-0117-9>
- Munadi,Y.,2008. Media Pembelajaran:Sebuah Pendekatan Baru, Jakarta : Referensi.
- Moleong,L.J.,2015. Metode Penelitian Kualitatif, Bandung : Rosda.
- Normanyo, E., Husinu, F., & Agyare, O. R.,2014. Developing a Human Machine Interface (HMI) for Industrial Automated Systems using Siemens Simatic WinCC Flexible Advanced Software. *Journal of Emerging Trends in Computing and Information Sciences*, 5(2), 134–144.

- Nurjihad, M. F., 2016. Perancangan Dan Implementasi Modul Trainer Kit Pneumatik Dan Electropneumatik Lj St270., (skripsi). Departemen Pendidikan Teknik Elektro, Bandung.
- P. Bennell and J. Segerstrom.,1998. “Vocational education and training indeveloping countries: Has the world bank got it right?,” *Int. J. Educ. Development*, vol. 18, no. 4, pp. 271–287, 1998.
- Portilla, N. B., Queiroz, M. H. de, & Cury, J. E.,2014. Integration of supervisory control with SCADA system a flexible manufacturing cell, 261–266.
- Priatna, B.A.,2012. Langkah-Langkah Pengolahan Data Penelitian, Bandung. http://file.upi.edu/direktori/fpmipa/jur._pend._matematika/196412051990031-bambang_avip_priatna_m/langkah_langkah_pengolahan_data_data_dalam_penelitian.pdf.
- Sahin, S., Olmez, M. and Isler, Y. (2010) ‘Microcontroller-based experimental setup and experiments for SCADA education’, *IEEE Transactions on Education*, 53(3), pp. 437–444. doi: 10.1109/TE.2009.2026739.
- Schneider, G., De Lima, V. F., Scherer, L. G., De Camargo, R. F., & Franchi, C. M.,2013. SCADA System Applied to Micro Hydropower Plant. In *IECON Proceedings (Industrial Electronics Conference)* (pp. 7205–7209).
- Sugiyono.,2016. Metode Penelitian Kombinasi, Bandung : Alfa Beta.
- T. E. Dy-Liacco.,1994. “Modern control centers and computer networking,”*IEEE Comput. Appl. Power*, vol. 7, no. 1, pp. 17–22.
- Wicaksono, H.,2011. *Scada Software dengan Wonderware In Touch; Dasar-Dasar Pemrograman*, Jakarta : Graha Ilmu.
- Wu, J., Cheng, Y., & Schulz, N. N.,2006. Overview of Real-Time Database Management System Design for Power System SCADA System. *Proceedings of the IEEE South East Conference*, 62–66.
- Zaw, A. M., & Tun, H. M.,2014. Design and Implementation of SCADA System Based Power Distribution for Primary Substation (Monitoring System). *International Journal of Science, Engineering and Technology Research (IJSETR)*, 3(5), 1542–1546.

Zakaria, D.,2016. Evaluasi Pelaksanaan praktik industri mahasiswa di departement pendidikan Teknik elektro FPTK UPI., (skripsi). Departemen Pendidikan Teknik Elektro, Bandung.