# DAFTAR PUSTAKA

[1] Yamato and E. Wismina, "Teknologi Dense Wavelength Division Multiplexing (DWDM) pada Jaringan Optik," *Jurnal Teknologi,* vol. 1, p. 68, 2013.

[2] A. U. Ashar, A. Hambali and L. V. Yovita, "Pengaruh Four Wave Mixing pada Serat Optik G.652 dan G.655 dalam Dense Wavelenght Division Multiplexing," pp. 1-2, 2012.

[3] A. R. Firnadya, A. Hambali and A. D. Pambudi, "Analaisis Efek Non Linieritas Fiber Pada Link Sistem Komunikasi Serat Optik," *e-Proceeding of Engineering,* vol. 2, p. 2569, 2015.

[4] R. Kaur and D. K. K. Randhawa, "Parametric Analysis of Hybrid Amplifiers (EDFA and Raman Amplifier) on 40GBPS on 8 Users WDM System," *International Journal of Development Research,* vol. 07, no. 07, pp. 14022-14027, 2017.

[5] S. Utami, D. Zulherman and F. Khair, "Analisis Perbandingan Penguat Optik Erbium Doped Fiber Amplifier (EDFA) dan Raman Optical Amplifier (ROA) pada CWDM Non Linier," vol. 10, 2018.

[6] W. N. Annisa, A. Hambali and D. Darlis, "Analisis Performansi Penguat Optik Hybrid Menggunakan Tiga Pompa pada Penguat Raman," *e-Proceeding of Engineering,* vol. 3, no. 2, pp. 1560-1567, 2016.

[7] S. Hanafie, A. Hambali and D. Darlis, "Analisis Perbandingan Performansi Sistem DWDM Menggunakan Penguat SOA, EDFA dan ROA berbasis Soliton," 2010.

[8] G. P. Agrawal, Fiber-Optic Communication Systems Third Edition, Rochester: John Wiley & Sons, Inc, 2002.

[9] W. Friandawa, A. Hambali and A. D. Pambudi, "Analisis Kinerja Sistem Komunikasi Optik Jarak Jauh dengan Teknologi DWDM dan Penguat (EDFA)," 2017.

[10] H. D. Ditya, A. Hambali and A. D. Pambudi, "Analisis dan Simulasi Efek Non Linier Three Wave Mixing pada Link Dense Wavelength Division Multiplexing (DWDM) Sistem Komunikasi Serat Optik," *e-Proceeding of Engineering,* vol. 4, no. 2, p. 1841, 2017.

[11] S. M. Sajjan, V. Seshasai and D. G. Sadashivappa, "DWDM Link Design and Power Budget," vol. 4, no. 4, p. 2539, 2015.

[12] A. Islamiq, A. Hambali and A. D. Pambudi, "Analisis Perbandingan Performansi Posisi Penguat Optik Hybrid SOA-EDFA (Semiconductor Optical Amplifier-Erbium Doped Fiber Amplifier) pada Sistem DWDM (Dense Wavelength Division Multiplexing) Berbasis Soliton," *e-Proceeding of Engineering,* vol. 4, no. 1, p. 133, 2017.

[13] A. R. Nugraha, Serat Optik, Yogyakarta: Andi Yogyakarta, 2006.

[14] J. M. Senior, Optical Fiber Communications Principles and Practice Third Edition, England: Pearson Education Limited, 2009.

[15] O. Efriyanda, D. Faiza and A. Hadi, "Analisis Kinerja Sistem Komunikasi Serat Optik Dengan Menggunakan Metode Power Link Budget dan Rise Time Budget pada PT. Telkom," *Jurnal Vokasional Teknik Elektronika & Informatika,* vol. 2, no. 2, p. 81, 2014.

[16] T. A. Ashwin Gumaste, DWDM Network Design and Engineering Solutions, Cisco Press, 2002.

[17] A. Wilman, A. Hambali and M. Rokhmat, "Analisis Perbandingan Karakteristik Penguat Optik antara EDFA (Erbium Doped Fiber Amplifier) dan ROA (Raman Optical Amplifier) pada Sistem Komunikasi Serat Optik," 2010.