DAFTAR PUSTAKA

[1] R. Susanti. "Dasar Sistem Komunikasi Optik Edisi Pertama". Riau: Daulat Riau. 2013.

[2] Theofanis Orphanoudakis. "*Performance Evaluation of Passive Optical Network* (PON) *for Multi-service Access*". *International Journal Of Communication Systems*. 2008.

[3] M. A. Elaydi. "*Next Generation Passive Optical Network Stage Two* (NG-PON2)". Thesis, Gaza: *Dept. Electric Engineering of Islamic University.* 2014.

[4] Windy Helin Ali. "Simulasi dan Analisis Jaringan *Time and Wavelength Division Multiplexing Passive Optical Network* Menuju *Next Generation Network"*. Skripsi, Bandung: Teknik Telekomunikasi Universitas Telkom. 207.

[5] ITU. "ITU-T G. 989.1 *40-Gigabit-Capable Passive Optical Networks* 2 (NG-PON2): *General Requirements"*. ITU-T. 2013

[6] Y. Lou, X. Zhou, F. Effenberger dan X. Yan. "*Time and Wavelength Division Multiplexed Passive Optical Network* (TWDM-PON) For *Next Generation Passive Optical Network stage 2* (NG-PON2)". *Journal Of Lightwave.* 2013.

[7] Aditya Ananta. "Simulasi Perbandingan Kinerja Modulasi M-PSK dan M-QAM Terhadap Laju Kesalahan Data Pada Sistem *Orthogonal frequency Division Multiplexing* (OFDM)". Universitas Dipenogoro, Semarang. 2009.

[8] Gayatri, "*Simulation of 2 Gbps GPON System Using CSRZ, MDRZ, and DRZ Modulation Format for Downstream Transmission*". *Department of Electronics and Communication Engineering*. CT *Institute of Technology* & *Research*. India. 2015.

[9] Nisha, Rani. "*Design and Implementation of Various Advanced Modulation Format Over* 8-WDM *Bidirictional* PON", *International Conference of Recent Trends in Information and Communication Technologies* (IRICT)". Swami Vivekanad *Institute* & *Technology*. India. 2017.

[10] Dwiki Kurnia. "Analisis Performansi Jenis Format Modulasi Pada NGPON-2 Menggunakan Teknologi TWDM". Skripsi, Bandung: Teknik Telekomunikasi Universitas Telkom. 2018.

[11] R. Susanti, Gusmawandi. Sutoyo dan F. Amilia. "Performansi SCM/WDM *Radio Over Fiber* dengan Arsitektur PON menggunakan M-ary PSK". Seminar Nasional Teknologi

Informasi Komunikasi dan Industri (SNTIKI) 9, Pekanbaru: UIN Sultan Syarif Kasim Riau. 2017.

[12] Salem Bindhaiq. "*Improvement of Symmetric* 40 Gb/s TWDM Based PON2 *system utilizing* DMLs *and* DCF". *Communications Research Group, Photonics Simulation Laboratory*, Universiti Technologi Malaysia, 2017.

[13] ITU. "ITU-T G. 652 *Single Mode Fiber* (SMF): *Charesteristic of Single Mode Fiber* (SMF) *Cable".* ITU-T. 2005.

[14] A. Wildan, A. Hambali, B. Pamukti. "Pengaruh Kabel *Dispersion Compensation Fiber* Pada *Link* Sistem Komunikasi Optik *Long Haul* Dengan Skema Berbeda". Skripsi, Bandung: Teknik Telekomunikasi Universitas Telkom. 2017

[15] Asaka Kani. "*Standar Trends for Next Generation Passive Optical Network Stage* 2 (NG-PON2)". Japan. 2015.

[16] Lucky Sharan." *Design and Simulation of Modified Duobinary Modulated* 32 *Channel* DWDM *Optical Link for Improved Non-Linear Performance*" *Department of Electrical and Electronics Engineering*, *Birla Institute of Technology and Science*, Pilani, India, 2016.

[17] Dipo Swarna Aryan Putra. "Performansi Infrastruktur Jaringan Fiber Optik di Lingkungan Kampus UIN Suska Riau". Jurusan Teknik Elektro. UIN SUSKA. Riau. 2015.

[18] Grendi Eky Aliandi. " Sitem Komunikasi Optik Perhitungan *Power Link Budget* Regional Jawa Tengah*".* Skripsi, Bandung: Teknik Telekomunikasi Politeknik Bandung. 2015.

[19] Duan Wahyudi. "Analisa Performansi Kompensasi Dispersi Jaringan WDM Menggunakan FDB-DCF Dengan *Line Coding* RZ. Skripsi, Pekanbaru: Teknik Elektro UIN SUSKA RIAU. 2018

[20] Ahmad Ginanjar. "Analisis dan Simulasi Pengaruh DCF pada *Link* Optik Berdasarkan Jarak dan *Bit Rate*". Skripsi, Bandung: Teknik Telekomunikasi Universitas Telkom. 2017.

[21] ITU. "ITU-T G. 989 *40-Gigabit-Capable Passive Optical Networks* 2 (NG-PON2): *Definition, abbreviations and acronyms"*. ITU-T. 2015

[22] B. Pamukti, D. Perdana. "*Performance Evaluation of DCF Length for High Scalability NG-PON2".* TELKOMNIKA, Vol. 15, No. 1. 2017.