



## DAFTAR PUSTAKA

- Asaka, K., & Kani. (2015: 2). *Standardization Trends for Next-Generation Passive Optical Network Stage 2 (NG-PON2)*.
- ITU-T G.989.2. (2014). *40-Gigabit-capable passive optical network 2 (NG-PON2): Physical media dependent (PMD) layer specification*.
- ITU. ITU-T G.989 in *40-Gigabit-capable passive optical networks (NG-PON2): Definitions, abbreviations and acronyms*. 2016.
- ITU. ITU-T G.989.2 in *40-Gigabit-capable passive optical networks 2 (NG-PON2): Physical media dependent (PMD) layer specification*. 2015.
- Keiser, G. (2010). *Optical Fiber Communication Third Edition, McGraw-Hill Higher Education*.
- Prakoso, C. A., (2013). Analisa Format Modulasi RZ dan NRZ- DQPSK Pada Sistem Komunikasi Optik 40G DWDM Multikanal.
- Y. Lou, X. Zhou, F. Effenberger and X. Yan. Time and Wavelength Division Multiplexed Passive Optical Network (TWDM-PON) for Next-Generation PON stage 2 (NG\_PON 2). *JOURNAL OF LIGHTWAVE*.2013.
- Achyut K. Dutta, *WDM TECHNOLOGIES: ACTIVE OPTICAL COMPONENTS*, Academic Press 2012.
- Huawei Technologies “Next-Generation PON Evolution” Huawei Technologies 2010
- Zheng xuan li, experimental demonstration of symmetric 40-Gb/s TWDM-PON, OFC/NFOFC technical digest 2013.
- CEDRIC F. LAM, *Passive Optical Networks Principles and Practice*, Elsevier 2007.
- Elaine Wong, Michael Mueller and Markus C. Amann, Characterization of energy-efficient and colorless ONUs for future TWDM-PONs.
- Varun Marwaha, Review of Passive Optical Network , *International Journal of the Latest Transations in Engineering and Science (IJLTES)*.
- Yuanqiu Luo, Wavelength Management in Time and Wavelength Division Multiplexed Passive Optical Networks (TWDM-PONs), *Globecom*, 2012.



Fitriani, Anggun, “Pengaruh Dispersi Terhadap Kecepatan Data Komunikasi Optik menggunakan Pengkodean Data *Return to Zero* (RZ) dan *Non Return to Zero* (NRZ)”, Program Studi Diploma III Teknik Telekomunikasi AKATEL Purwokerto, 2009.

Singh, Mehtab, “*DWDM based Optical Fiber Communication Link Using Different Modulation Formats and Dispersion Compensating Fiber (DCF)*”, International Journal of Engineering Sciences, Volume 17, January, 2016.

V.Senthamizhselvan, “*Performance Analysis of DWDM Based Fiber Optic Communication with Different Modulation Schemes and Dispersion Compensating Fiber (DCF)*”, International Journal of Research in Engineering and Technology, Volume 03, Issue 03, Maret, 2014.

Santoso, Imam, “Simulasi Kinerja Modulator Optik Tipe *Mach-Zehnder* Berdasarkan Ragam Format Modulasi”, Jurusan Teknik Elektro, Universitas Diponegoro Semarang, 2015.

Bitako, Rani Alfafa, “Analisa Performansi SCM/WDM *Radio over Fiber* dengan Arsitektur GPON menggunakan AWG *Bidirectional*”. Skripsi, Pekanbaru: Teknik Elektro UIN Suska Riau, 2016

Fimisar, “*WDM Reference Guide*”, 2008.

Gusmawandi, “Analisa Performansi Modulasi PSK pada Jaringan SCM/WDM *Radio over Fiber* dengan AWG-FBG”. Skripsi, Pekanbaru: Teknik Elektro UIN Suska Riau, 2016.

Huong, Quang Dai, “Analisis Performansi Teknik Modulasi M-ary PSK pada SCM/WDM *Radio Over Fiber* dengan Arsitektur PON”. Skripsi, Pekanbaru: Teknik Elektro UIN Suska Riau, 2016.

Swarna Aryan Putra, Dipo. “*Performansi Infrastruktur Jaringan Fiber Optik di Lingkungan Kampus UIN Suska Riau*”. Jurusan Teknik Elektro. UIN SUSKA. Riau. 2015.

Zahroni, Erwin. “*Analisa Penerapan AWG menggunakan Filter FBG pada Jaringan DWDM*”. Skripsi, Pekanbaru: Teknik Elektro UIN Suska Riau, 2015.