

DAFTAR PUSTAKA

- [1] R. Akbar and D. Hamzah, “Rancang bangun aplikasi link buget fiber optik pada fiber to the home ftth pt. telkom indonesia,” *TEKINFO*, vol. 21, no. 2, pp. 83–91, 2020.
- [2] A. A. Aminullah, A. Priambodo, H. K. Rahmat, and K. Adri, “Kesiapan kantor pencarian dan pertolongan balikkapan dalam penanggulangan bencana guna menyambut pemindahan ibukota baru,” *Nusantara: Jurnal Ilmu Pengetahuan Sosial*, vol. 8, no. 1, pp. 51–59, 2021.
- [3] N. R. Fachrurrozi, “Analisa kelayakan capital budgeting jaringan backbone kabel serat optik palapa ring studi kasus: Palapa ring barat,” *InComTech: Jurnal Telekomunikasi dan Komputer*, vol. 9, no. 2, pp. 87–114, 2019.
- [4] D. Djamaluddin, A. Achmad, F. Hidayat, and D. Bramatyo, “Analisis penguat edfa dan soa pada sistem transmisi dwdm dengan optisystem 14,” *Pros. Semin. Nas. Tek. Elektro (FORTEI)*, pp. 59–64, 2017.
- [5] D. D. Fadhilah, “Analisis desain koneksi point to point pada metro ethernet dengan teknologi dense wavelength division multiplexing (dwdm),” 2020.
- [6] F. Khair, “Perancangan sistem optik dwdm 8 kanal dengan penguat edfa,” *Journal of Telecommunication, Electronics, and Control Engineering (JTECE)*, vol. 3, no. 1, pp. 24–40, 2021.
- [7] P. Rizqi, “Analisis perbandingan unjuk kerja link dwdm berbasis nzdsf-dcf dan smf-dcf,” Ph.D. dissertation, Institut Teknologi Telkom Purwokerto, 2021.

- [8] I. Racika Indah, "Analisis performansi jaringan sistem komunikasi serat optik dwdm (dense wavelength division multiplexing) link: studi kasus di Cirebon-kadipaten," Ph.D. dissertation, Institut Teknologi Telkom Purwokerto, 2017.
- [9] S. Gupta, P. Gupta, D. Jakhar, and G. S. Pabla, "LASER-light amplification by stimulated emission of radiation," *International Journal of Contemporary Medical Research [IJCMR]*, vol. 7, no. 5, may 2020. [Online]. Available: <https://doi.org/10.21276%2Fijcmr.2020.7.5.22>
- [10] R. Unggul, "Analisis 40 gbps dense wavelength division multiplexing (dwdm) menggunakan modulasi eksternal optis dan deteksi langsung," Ph.D. dissertation, Institut Teknologi Telkom Purwokerto, 2018.
- [11] A. Sofwan, S. Alfian, and R. Soleman, "Perancangan teknologi dalam penerapan robot pelayan tamu cottage," *Jurnal Teknologi Informasi*, vol. 3, no. 2, p. 15, 2017.
- [12] A. I. Permadi, A. F. Isnawati, , and D. Zulherman, "Comparative analysis of the dispersion compensating fiber (DCF) scheme in long-haul dense wavelength division multiplexing (DWDM)," *Journal of Physics: Conference Series*, vol. 1367, no. 1, p. 012063, Nov. 2019. [Online]. Available: <https://doi.org/10.1088/1742-6596/1367/1/012063>
- [13] J. Senior, *Optical fiber communications : principles and practice*. Harlow, England New York: Financial Times/Prentice Hall, 2009.
- [14] S. RADITYA PRIYO, "Analisis dan simulasi teknologi dwdm (dense wavelength division multiplexing) berbasis oadm (optical add drop multiplexer) di sistem komunikasi rof (radio over fiber)," Ph.D. dissertation, Institut Telkom Purwokerto, 2019.

- [15] M. JANNAH, "Performansi sistem twdm-pon menggunakan nz-dsf dan dcf pada teknologi ng-pon2," Ph.D. dissertation, Universitas Islam Negeri Sultan Syarif Kasim Riau, 2018.
- [16] J. N. Downing, *Fiber-optic communications*. Thomson/Delmar Learning, 2005.
- [17] G. Keiser, *Optical Fiber Communications*. Singapore: McGraw-Hill, inc., 1991.
- [18] K. A. Farhan, E. S. Sugesti, and R. P. Astuti, "Perancangan dan analisis jaringan backhaul serat optik untuk komunikasi lte penumpang kereta cepat jakarta - surabaya sub cepu - surabaya," *eProceedings of Engineering*, vol. 7, no. 2, 2020.
- [19] E. Y. D. Pratiwi, A. Hambali, and B. Pamukti, "Simulasi sistem twdm-pon menggunakan hybrid optical amplifier pada next generation passive optical network stage 2 (ng-pon 2)," *eProceedings of Engineering*, vol. 5, no. 3, 2018.
- [20] G. P. Agrawal, *Fiber-optic communication systems with CD*. Wiley, 2010.
- [21] G. Keiser, *Optical fiber communications*. Boston, MA: McGraw-Hill, 2000.
- [22] R. F. Adiati, "Analisis parameter signal to noise ratio dan bit error rate dalam backbone komunikasi fiber optik segmen lamongan-kebalen," Ph.D. dissertation, Institut Teknologi Sepuluh Nopember, 2017.
- [23] N. Harpawi, E. H. P. H. Putra, and R. R. Qory, "Desain jaringan fiber optik menggunakan optisystem untuk kawasan kota pekanbaru," *Jurnal Elektro dan Mesin Terapan*, vol. 3, no. 2, pp. 21–30, 2017.
- [24] U. Riyadi, F. Khair, and D. Zulherman, "Analisis 1.28 tbps dense wavelength division multiplexing (dwdm) menggunakan modulasi eksternal dan deteksi langsung," 2017.

- [25] L. Ananta, M. Rosmiati, and M. fachru Rizal, "Simulasi peningkatan keamanan jaringan menggunakan kombinasi penguat sinyal optik," *eProceedings of Applied Science*, vol. 3, no. 3, 2017.
- [26] M. Christine, A. Hambali, and K. Sujatmoko, "Analisis performansi sistem jaringan radio over fiber untuk pengaplikasian telekomunikasi dalam ruangan," *eProceedings of Engineering*, vol. 6, no. 2, 2019.