

## DAFTAR PUSTAKA

- [1] T. Huszanik, J. Turan, and L. Ovsenik, "Optimization of Optical Amplification in the High Capacity DWDM System," *Proc. 2020 21st Int. Carpathian Control Conf. ICCC 2020*, pp. 1–5, 2020, doi: 10.1109/ICCC49264.2020.9257245.
- [2] P. K. Nahata, A. Ahmed, S. Yadav, N. Nair, and S. Kaur, "All optical full-adder and full-subtractor using semiconductor optical amplifiers and all-optical logic gates," *2020 7th Int. Conf. Signal Process. Integr. Networks, SPIN 2020*, pp. 1044–1049, 2020, doi: 10.1109/SPIN48934.2020.9071009.
- [3] ZTE, *DWDM Project Network Design Principle*. 2010.
- [4] S. Sugumaran, L. Sharma, and S. Choudhary, "Optimized FWM Parameters for FTTH Using DWDM Network," *Proc. 2019 Int. Conf. Comput. Intell. Knowl. Econ. ICCIKE 2019*, pp. 317–322, 2019, doi: 10.1109/ICCIKE47802.2019.9004281.
- [5] N. Mubarakah, D. D. Fadhillah, and Suherman, "Point to point communication link design by using optical DWDM network," *2020 4th Int. Conf. Electr. Telecommun. Comput. Eng. ELTICOM 2020 - Proc.*, no. 1, pp. 265–268, 2020, doi: 10.1109/ELTICOM50775.2020.9230479.
- [6] R. A. I. Asyari, I. R. H. Hasbian, and T. Yuwono, "Design of Backbone Fiber Optical Networks with Using EDFA (Erbium Doped Fiber Amplifier) in Sleman District," *2018 Electr. Power, Electron. Commun. Control. Informatics Semin. EECCIS 2018*, no. January 2022, pp. 244–249, 2018, doi: 10.1109/EECCIS.2018.8692819.
- [7] F. Khair, I. W. Mustika, Fahmi, D. Zulherman, and F. Hario, "Comparative analysis of dispersion compensating fiber in DWDM system using 10 Gbps and 40 Gbps bit rate," *Proc. 2018 10th Int. Conf. Inf. Technol. Electr. Eng. Smart Technol. Better Soc. ICITEE 2018*, pp. 412–417, 2018, doi: 10.1109/ICITEED.2018.8534851.
- [8] A. W. Almaiz, A. Hambali, and B. Pamukti, "Pengaruh Kabel Dispersion Compensating Fiber ( Dcf ) Pada Link Sitem Komunikasi Optik Long Haul

- Dengan Skema Berbeda,” *e-Proceeding Eng.*, vol. 4, no. 3, pp. 3758–3763, 2017.
- [9] Dewiani, A. Achmad, Handoko, and I. P. Sari, “Analisis Sistem Transmisi Serat Optik DWDM Link Makassar - Jeneponto,” *Pros. Semin. Tek. Elektro Inform. SNTEI 2016*, no. 3 November 2016, pp. 95–100, 2016.
- [10] S. Qureshi *et al.*, “Bi-directional Transmission of 800 Gbps Using 40 Channels DWDM System for Long Haul Communication,” *2020 3rd Int. Conf. Comput. Math. Eng. Technol. Idea to Innov. Build. Knowl. Econ. iCoMET 2020*, pp. 1–7, 2020, doi: 10.1109/iCoMET48670.2020.9073834.
- [11] Fatah ilhamu Rosa, “FIBER TO THE HOME LINK BUDGET ANALISIS PADA WILAYAH RESIDENSIAL UNTUK PERANCANGAN YANG EFEKTIF DAN EFISIEN DI PURI ANJASMORO KECAMATAN SEMARANG BARAT MENGGUNAKAN TEKNOLOGI GPON,” 2019.
- [12] G. Keiser, “Optical Fiber Communications 3rd Edition.” 2000.
- [13] C. Systems, *Cisco Metro Optical Transport f This chapter provides an overview of dense wavelength*. 2006.
- [14] S. V. Kartalopoulos, “Dense Wavelength Division Multiplexing,” *Introd. to DWDM Technol.*, 2010, doi: 10.1109/9780470544990.part4.
- [15] D. Hermanto, “POWER KALKULASIPERANGKAT DWDM ZTE PADA JARINGAN BACKBONE RUAS SEMARANG-SOLO,” 2018.
- [16] D. F. Farta Wendy Herdianta, Hanesman, “ANALISIS REDAMANTERHADAP PERFORMANCEDENSE WAVELENGTH DIVISION MULTIPLEXING (DWDM)PADA SISTEM KOMUNIKASI SERAT OPTIKDENGAN METODE LINK POWER BUDGET DI PT. TELKOM PADANG (STUDI KASUS LINK PADANG – LUBUK BASUNG),” vol. 3, no. 1, pp. 1–7, 2015.
- [17] H. Nugroho and N. Wahyu, “Analisis Redaman Pada Sistem Fiber Optic Akibat Adanya Penambahan ST-Adapter The Analysis Of Attenuation In Fiber Optic System Due To Embedded ST-Adapter,” no. November 2019, pp. 308–314, 2019.
- [18] T. Ida, “Fiber to the Home,” *Broadband Econ.*, pp. 199–217, 2020, doi: 10.4324/9780203891506-8.

- [19] R. Z. Ibragimov and V. G. Fokin, "Design of Long-Haul Coherent DWDM Optical Systems," *2018 14th Int. Sci. Conf. Actual Probl. Electron. Instrum. Eng. APEIE 2018 - Proc.*, pp. 305–307, 2018, doi: 10.1109/APEIE.2018.8545337.
- [20] N. Aini, P. Ketut Sudiarta, and N. Putra Sastra, "Pengembangan Modul Praktikum Untuk Modulator Optik Internal dan Eksternal," *Pande Ketut Sudiarta*, vol. 8, no. 1, p. 129, 2021.