

DAFTAR PUSTAKA

- [1] D. F. Dhahir, “PEMANFAATAN PROGRAM DESA BROADBAND TERPADU OLEH MASYARAKAT DESA LUTHARATO,” *Jurnal PIKOM (Penelitian Komunikasi Dan Pembangunan)*, vol. 19, no. 2, p. 73, Dec. 2018, doi: 10.31346/jpikom.v19i2.1520.
- [2] Y. S. Hariyani, H. Putri, and K. Oktaviani, “Pengembangan Website Desa untuk Promosi Wisata Desa Patengan, Kabupaten Bandung, Jawa Barat,” *Jurnal Pengabdian Masyarakat Indonesia*, vol. 5, no. 2, pp. 245–254, Apr. 2025, doi: 10.52436/1.jpmi.3298.
- [3] Hanif, I., & Arnaldy, D. (2017). Analisis Penyambungan Kabel Fiber Optik Akses dengan Kabel Fiber Optik Backbone pada Indosat Area Jabodetabek. *MULTINETICS*, 3(2), 12. <https://doi.org/10.32722/vol3.no2.2017.pp12-17>
- [4] Ridho, S., Yusuf, A. N. A., Andra, S., Sirin, D. N. S., & Apriono, C. (2020). Perancangan Jaringan Fiber to the Home (FTTH) pada Perumahan di Daerah Urban (Fiber to the Home (FTTH) Network Design at Housing in Urban Areas). *Jurnal Nasional Teknik Elektro Dan Teknologi Informasi (JNTETI)*, 9(1), 94–103. <https://doi.org/10.22146/jnteti.v9i1.138>
- [5] Etsi,” Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON) General Aspect of Quality of Service (QoS),” DTR/TIPHON-05006,1999
- [6] Ridho, S., Yusuf, A. N. A., Andra, S., Sirin, D. N. S., & Apriono, C. (2020b). Perancangan Jaringan Fiber to the Home (FTTH) pada Perumahan di Daerah Urban (Fiber to the Home (FTTH) Network Design at Housing in Urban Areas). *Jurnal Nasional Teknik Elektro Dan Teknologi Informasi (JNTETI)*, 9(1), 94–103. <https://doi.org/10.22146/jnteti.v9i1.138>
- [7] D3 Teknologi Telekomunikasi, “Optical Network Terminal (ONT): Pengertian, Cara Kerja, Keunggulan, dan Penggunaannya dalam Jaringan Fiber Optik,” D3 Teknologi Telekomunikasi, Feb. 13, 2025. [Online]. Available:

- <https://dte.telkomuniversity.ac.id/optical-network-terminal-ont-pengertian-cara-kerja-keunggulan-dan-penggunaannya-dalam-jaringan-fiber-optik/>.
- [8] N. I. K. Jaya and N. A. Tanton, “Penerepan Analisis Optical Line Terminal (OLT) Dengan Rasio Spliter dan Pasif Spliter Pada 8 Optical Distribution Point (ODP),” *ASPIRASI Publikasi Hasil Pengabdian Dan Kegiatan Masyarakat*, vol. 2, no. 4, pp. 80–91, Jul. 2024, doi: 10.61132/aspirasi.v2i4.869.
 - [9] F. P. E. Putra, K. Mufidah, R. M. Ilhamsyah, S. A. Efendy, and S. N. R. Barokah, “Tinjauan Performa RouterOS Mikrotik dalam Jaringan Internet: Analisis Kinerja dan Kelayakan,” *Digital Transformation Technology*, vol. 3, no. 2, pp. 903–910, Jan. 2024, doi: 10.47709/digitech.v3i2.3446.
 - [10] J. J. Jeffri, “ANALISIS POWER LINK BUDGET PADA JARINGAN FTTH DI KELURAHAN JATIRASA, BEKASI,” *Jurnal Informatika Dan Teknik Elektro Terapan*, vol. 12, no. 3S1, Oct. 2024, doi: 10.23960/jitet.v12i3s1.5247.
 - [11] R. P. Prakoso, E. Wahyudi, and K. Masykuroh, “Optimalisasi Bit Error Rate (BER) jaringan optik hybrid pada sistem DWDM berbasis Soliton,” *Journal of Telecommunication Electronics and Control Engineering (JTECE)*, vol. 3, no. 2, pp. 62–70, Sep. 2021, doi: 10.20895/jtece.v3i2.320.
 - [12] “View of Analisa Rugi-Rugi sambungan kabel drop Core terhadap performansi jaringan optik di Gedung G Lantai 3 Politeknik Negeri Padang.” <https://elektroda.uho.ac.id/index.php/journal/article/view/6/5>
 - [13] Sampurno, S.S., dan E, Poerbaningtyas (2022). Perancangan Jaringan Wifi Di desa Landungsari Guna efisiensi Tagihan Bulanan. *J-Intech: Journal of Information and Technology*, 10(1). doi: <https://doi.org/10.32664/j-intech.v10i1.672>
 - [14] Fani, M., & Octamilanov, D. (2024). Implementasi jaringan dan uji kelayakan Fiber to the Home (FTTH) pada Cluster Rananta. *JOURNAL OF APPLIED MULTIMEDIA AND NETWORKING*, 8(1), 101–111. <https://doi.org/10.30871/jamn.v8i1.7952>
 - [15] Y. S. Hariyani, H. Putri, and K. Oktaviani, “Pengembangan Website Desa untuk Promosi Wisata Desa Patengan, Kabupaten Bandung, Jawa Barat,” *Jurnal Pengabdian Masyarakat Indonesia*, vol. 5, no. 2, pp. 245–254, Apr. 2025, doi: 10.52436/1.jpmi.3298.

- [16] E. P. Saputra, A. Saryoko, M. Maulidah, N. Hidayati, and S. Dalis, "Analisis Quality of Service (QoS) Performa Jaringan Internet Wireless LAN PT. Bhineka Swadaya Pertama," *EVOLUSI - Jurnal Sains Dan Manajemen*, vol. 11, no. 1, Mar. 2023, doi: 10.31294/evolusi.v11i1.14955.
- [17] Wahyudin, U. (n.d.). ANALISIS QOS KINERJA JARINGAN DATA INTERNET PT . PERTAMINA (PERSERO) MOR II PALEMBANG. 84–93
- [18] D3 Teknologi Telekomunikasi, "Power Link Budget: Pengertian, Parameter," *D3 Teknologi Telekomunikasi*, Feb. 01, 2024. [Online]. Available: <https://dte.telkomuniversity.ac.id/power-link-budget-pengertian-parameter/>
- [19] A. D. Haq, I. Santoso, and A. A. Z. Macrina, "ESTIMASI SIGNAL TO NOISE RATIO (SNR) MENGGUNAKAN METODE KORELASI," *Diponegoro University*, Dec. 2012, doi: 10.14710/transient.v1i4.326-332.
- [20] Reynn, "BER (BiT Error rate)," *Beginners Welecom :*, Apr. 01, 2018. <https://beginnerswelecom.wordpress.com/2018/04/01/ber-bit-error-rate/>
- [21] H. S. Sabana, "Analisa performansi jaringan kabel fiber optik Link Backbone Ungaran – Krapyak," *Journal of Telecommunication Electronics and Control Engineering (JTECE)*, vol. 2, no. 2, pp. 85–92, Jan. 2021, doi: 10.20895/jtece.v2i2.150.
- [22] Z. N. Karimah, A. Hambali, and S. Suwandi, "Analisis Perbandingan Kinerja Mach-Zehnder berdasarkan Ragam Format Modulasi pada Jaringan FTTH," *ELKOMIKA Jurnal Teknik Energi Elektrik Teknik Telekomunikasi & Teknik Elektronika*, vol. 5, no. 1, p. 73, Sep. 2017, doi: 10.26760/elkomika.v5i1.73.
- [23] Rahmansyah, M. (2017). *Analisis Optical Power Budget dan Rise Time Budget Pada Jaringan Fiber To The Home Berbasis Passive Optical Network*. <https://repository.its.ac.id/47300/>
- [24] ETSI TR.101329.V2.1.1. 1999-06. Telecommunications and Internet Protocol Harmonization Over Network); General aspects of Quality of Service (QoS). https://www.etsi.org/deliver/etsi_tr/101300_101399/101329/02.01.01_60/tr_101329v020101p.pdf Diakses pada tanggal 15 Juni 2019.

- [25] N. Sulistiyowati, “Analisis Quality of Service (QOS) Pada Jaringan Internet Yayasan Rumah Santri Al-Ridwan,” *Zenodo (CERN European Organization for Nuclear Research)*, Sep. 2022, doi: <https://doi.org/10.5281/zenodo.7067627>.
- [26] A. Makmurwibowo, “Analisis Performansi Jaringan Fiber To The Home (FTTH) Berbasis Gigabit Passive Optical Network (GPON) Pada STO Pakem Sleman Yogyakarta Yoki Nur Rahman.” Accessed: Jul. 15, 2025. [Online]. Available: <https://repository.umy.ac.id/bitstream/handle/123456789/21331/Naskah%20Publikasi.pdf?sequence=12&isAllowed=y>
- [27] Usman, S. (2016). Pengembangan desa broadband terpadu. *Jurnal Ilmu Komunikasi*, 14(3), 103338. <https://doi.org/10.31315/jik.v14i3.2130>.
- [28] S. Suharyanto and A. Sofianto, “Model Pembangunan Desa Terpadu Inovatif di Jawa Tengah,” *Jurnal Bina Praja*, vol. 04, no. 04, pp. 251–260, Dec. 2012, doi: <https://doi.org/10.21787/jbp.04.2012.251-260>.
- [29] H. Dhika and S. A. Tyas, “QUALITY OF SERVICES (QOS) UNTUK MENINGKATKAN SKEMA DALAM JARINGAN OPTIK,” *J I M P - Jurnal Informatika Merdeka Pasuruan*, vol. 5, no. 2, Jan. 2021, doi: <https://doi.org/10.37438/jimp.v5i2.268>.
- [30] International Telecommunication Union (ITU-T), “Signalling requirements and protocols for the NGN – Testing for next generation networks (ITU-T Recommendation Q.3913),” Geneva, Aug. 2014. Accessed: Jul. 30, 2025. [Online]. Available: https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T_REC-Q.3913-201408-I!!PDF-E&type=items
- [31] International Telecommunication Union (ITU-T), “Internet protocol aspects – Quality of service and network performance Internet (ITU-T Recommendation Y.1540),” Geneva, Dec. 2019. Accessed: Jul. 31, 2025. [Online]. Available: https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T_REC-Y.1540-200711-S!!PDF-E&type=items
- [32] International Telecommunication Union (ITU-T), “Quality of service and performance (ITU-T Recommendation G.1010),” Geneva, Nov. 2001. Accessed: Jul. 31, 2025. [Online]. Available: https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-G.1010-200111-I!!PDF-E&type=items