

LIST OF TERMS

5GHz Wi-Fi	High-frequency wireless network for data transmission.
AP	Access Point
Average Delay	Time delay for data packets to traverse the network.
Coverage	Extent of network signal reach within an area.
dBm	decibel-milliwatts
Delay	Time taken for data to travel between sender-receiver.
Ghz	GigaHertz
IEEE	Institute of Electrical and Electronics
Interference	Signal overlap causing data collision, slowing WiFi performance.
Jitter	Variation in delay, causing irregular data transmission timing.
Load Balancing	Distributing network load for optimal resource use.
Maintenance	Regular upkeep to ensure network functionality.
Network Optimization	Enhancing network efficiency and performance.
Performance	Network's effectiveness in delivering desired outcomes.
PPDIOO	Prepare, Plan, Design, Implement, Operate, and Optimize
PuTI	Pusat Teknologi dan Informasi Telkom university
QoS Metrics	Measurements of network service quality.
Signal Strength Mapping	Visual representation of signal power across locations.
Throughput	Rate of successful data transfer within a given time frame.
TIPHON Scale	Standard for rating connection quality.
TULT	Telkom University Landmark Tower, Multi-floor building.
WLAN	Wireless Local Area Network
Wi-Fi 6	Latest generation of Wi-Fi, offering faster speeds.
WI-FI	Wireless Fidelity