

Digital Telephony & Switching Networks

Background of terminology

Why digital?

Voice Digitization

Digital switching

Network synchronization control management

Data and asynchronous transfer mode network

Digital subscriber access and traffic analysis

Reference Books:

Johan C. Bellamy ,Digital Telephony , 3rd edition, John Wiley and Sons

T Viswanathan & Thygarajan, Telecommunication switching systems and networks. PHI

Mani Subramanian, Network Management: Principal and Practice Addison-wesley.

Stalling, W. SNMP, SNMPv2, SNMPv3, and RMON 1 and 2 Reading MA: Addison-Wesley.

R. C. Hansen, “ AT & T Digital Network Evolution” IEEE International Conference on communication 1987,

B. T. Fought and C.J.Funk, “ Electronic Translator System for Toll Switching” IEEE Translation on Communication June 1970