Computer Networks - Video course

Overview of OSI reference model. Topology design, Media Access Control Level, Services, Problems and protocols, Practical local area network design and implementation. IEEE LAN Standards, Logical Link Control protocols, HDLC, ALOHA, SLOTTED ALOHA, FDDI, Client Server model and related softwares.

Network Layer level services, problems and protocols. WAN, MAN, interconnection networks related softwares, TCP/IP, Novel NetWare, Routers, Bridges and Gateways their Practical implementation aspects. X.25, Internet and related softwares NETSCAPE and MOSAIC.

Transport layer, services, problems and their protocol.

Brief functioning of upper layers, E-mail and other application.

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Computer Science and Engineering

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