

DETAILED SYLLABUS OF TELECOM EQUIPMENT 2

ELECTRONIC PRIVATE AUTOMATIC BRANCH EXCHANGE

Introduction, SDM, TDM, PAM, PCM, A-Law, M-Law

Basics of Switching, Traffic Engineering, Specification of EPABX, Types of EPABX, Various Functions in an EPABX, Block Diagram of EPABX and its Study, Circuit Study, Call Processing and Programming, Features of EPABX, Troubleshooting

FACSIMILE MACHINE

Introduction Digital Modulation-ASK, FSK, PSK, QFSK, Specifications, Characteristics and Identifications, Detail of Various Parts, Type of FAX Machines, Principle of Operation, Block Diagram of FAX Machine.

MODEMS AND ITS TYPES

Introduction, Case study and Type of MODEMS, Theory and Detailed Study, Installation of MODEM, Study of Various IC's, Circuit Study, Features and Characteristics, Identification and Troubleshooting.