

GOTT SERIES (CBT) – COMMUNICATION NETWORKS

Model Number : GOTT-COMMNET-M04



GOTT SERIES : COMPUTER BASED TRAINING SYSTEM (CBT) - COMMNET

DESCRIPTION :

COMMNET course module explores the underlying principles of the technologies that drive modern Wide Area Network (WANs), explains the principles of operation and typical applications of networks offering an X25 data service and Frame Relay data service, gives an introduction to networks employing the Asynchronous Transfer Mode (ATM) and its operations as well as usage, describes the benefits, features and operation of networks using the IP suite of protocol, describes the facilities and operation of IP networks with advance features. MPLS label switching including the use of label distribution protocols LDP and CR-LDP and provides a detailed treatment of Digital Subscriber Line (DSL) services and is designed for those involved in the planning, installation or maintenance of ADSL and SHDSL broadband connections. In order to ease down the referencing resources in this course module, it is incorporated with some features like, Search, Book Mark, Note Creator and Vocabulary Pronunciation Assistant. Below is the list of the 8 chapters covered in this course module with its associated sub-topics

CHAPTERS	CHAPTERS
INTRODUCTION TO WANs Sub-Topics : Basic Structure of WAN Asynchronous and Synchronous Transmissions TDM Multiplexing and Switching Packet Switching OSI Protocol Layers Connection Types Route Discovery Multimedia Traffic	IP NETWORKS Sub-Topics : Introducing the Internet IP Addressing Domain Name System (DNS) The Internet Protocol (IP) RIP Route Discovery OSPF Route Discovery BGP and EGP Route Discovery Other Internet Protocols
X25 DATA SERVICES Sub-Topics : Introduction to X25 X25 Error Checking and Flow Control X25 Packets and Frames	FRAME RELAY DATA SERVICES Sub-Topics : Introduction to Frame Relay Congestion Control Local Management Interface (LMI) Voice over Frame Relay
PRINCIPLE OF ATM Sub-Topics : Introducing ATM ATM Cell Structure Virtual Paths and Channels ATM Protocol Layers Quality of Service Traffic Control Congestion Control	SDL SERVICES Sub-Topics : Digital Access over the Last Mile Loop Impairments Signal Processing ADSL Principles and Services ADSL Connections ADSL Customer's Equipments Symmetrical DSL Service Testing DSL Connections
ATM NETWORKS Sub-Topics : Virtual Network and Internetworking ATM Networks ATM Addressing Scheme Private Network Node Interface (PNNI) Voice over ATM IP over ATM Networks	ADVANTAGES OF IP NETWORKS Sub-Topics : RSVP Resources Reservation Label Switching Providing a Quality of Service Transporting Voice over IP VoIP Call-Set-Up Protocols

Manuals :

- (1) All manuals are written in English Language.
- (2) Model Answer
- (3) Teaching Manuals

General Terms:

- (1) Accessories will be provided where applicable.
- (2) Manuals & Training will be provided where applicable.
- (3) Designs & Specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty :

2 Year

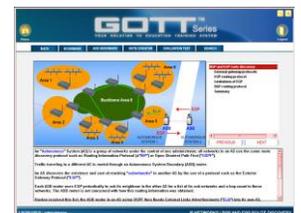
ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
(CBT) COMMUNICATION NETWORKS	GOTT-COMMNET-M04	820-204

* Proposed design only, subject to changes without any notice.



Note Creator



Topics Content



Bookmark



Vocabulary Pronunciation Assistant