



## Mobile Communication for ANNA University (VII-IT-2008 Course)

By Jeyasri Arokiamary

Technical Publications 0. Softcover. Book Condition: New. Wireless Communication Cellular systems- Frequency management and channel assignment - Types of handoff and their characteristics, Dropped call rates and their evaluation - MAC - SDMA - FDMA - TDMA - CDMA - Cellular wireless networks. Wireless Networks Wireless LAN - IEEE 802.11 standards - Architecture - Services - Mobile Ad hoc networks - WiFi and WiMAX - Wireless local loop. Mobile Communication Systems GSM - Architecture - Location tracking and call setup - Mobility management - Handover - Security - GSM SMS - International roaming for GSM - Call recording functions - Subscriber and service data management - Mobile number portability - VoIP service for mobile networks - GPRS - Architecture - GPRS procedures - Attach and detach procedures - PDP context procedure - Combined RA/LA update procedures-Billing. Mobile Network and Transport Layers Mobile IP - Dynamic host configuration protocol - Mobile Ad hoc routing protocols - Multicast routing - TCP over wireless networks - Indirect TCP - Snooping TCP - Mobile TCP - Fast retransmit / Fast recovery - Transmission / Timeout freezing - Selective retransmission - Transaction oriented TCP - TCP over 2.5 / 3G wireless networks. Application Layer WAP...



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