Final Exam Review

Lecture 9
Issues in Ad hoc wireless networks
Applications fo ad hoc wireless networks
CSMA types

Lecture 10
Hidden Node Problem
Issues in MAC protocols
Design goals of a MAC protocol
Classifications of MAC protocols
MACA
MACAW
FAMA
BTMA
DBTMAP

Lecture 11
ICSMA
RI_BTMA
MACA-BI
MARCH
D-PRMA

Lecture 12
CATA
HRMA
SRMA/PA
RTMAC
DWOP
DLPS
MAC protocosl that use directional antennas
MANET vs Traditional Routing

Lecture 13
MANET vs Traditional Routing
MANET Routing
MANET Routing approaches
Classifications of routing protocols
Common Features
IETF MANET Working Group

OLSR
Fisheye State Routing
AODV
Hierarchical Algorithms
Geographical routing

Lecture 14: Guest speaker: Green Computing

Lecture 15
What is Smart Grid
Smart Grid Standards
Smart Grid Comm Standards
Domains-just know different domains
Smart grid benefits

Lecture 16
Android Malware
Android Malware Growth
Android Malware Scanner
About Android
Android version
Mobile Malware
Methodology
Need for Application Analysis
Different Phases within the methodology
Finding/Results

Lecture 17
Sensor Networks vs ad hoc networks
Sensor Node Internals
Applications of Sensor Networks
Challenges
Factors Influencing sensor network design
Communication Architecture of Sensor Networks.

Student Presentations