

Wi-Fi /Bluetooth/WiMax - Training Schedule

(One Day Training)

9.30 to 11.00 a.m

Wi-Fi Overview

- WLAN introduction and applications
- BSS, IBSS, ESS, DS, BSSID, SSID
- IEEE 802.11 set of standards
- Spectrum of operation
- AP and STA hardware structure
- Virtual AP

11 to 11.30 a.m – Tea Break

11.30 a.m to 1 p.m

WLAN - Physical Layer and MAC layer overview

- Physical layer overview
- MAC layer basics
- Overview of QoS and Security
- Introduction to 802.11n – Phy and MAC layer enhancements

1 to 2 p.m - Lunch

2 to 3.30 p.m

Bluetooth overview

- Introduction, Network types
- Protocol stack
- Physical, MAC layers
- Security
- Applications

3.30 to 4 p.m - Tea Break

4 to 5.30 p.m

WiMax overview

- Introduction to WiMax
- Flavors of 802.16 standard
- WiMax Network Architecture
- 802.16e Physical layer (OFDMA concepts)
- WiMax MAC layer Operations
- Introduction to Mobility and Handover

Q&A