



**Certification & Training on RF Drive Test & Post Processing of
different technologies**

Course Duration (1 Month)

Course Content

1). Fundamentals of RF(6 Days)

- Introduction

History of Wireless Communication

- Phases of Network Deployment
 - Planning
 - Installation & Commissioning
 - Configuration
 - Optimization
 - Network Expansions
- Understanding of Basic Terminologies
- Analog and Digital Technologies
 - Sampling
 - Quantization
 - Encoding
- Concept of Modulation
 - Amplitude Modulation
 - Frequency Modulation
 - Phase Modulation
 - GMSK
 - QPSK
- In depth of Multiple Access Technology
 - FDMA
 - TDMA
 - CDMA
- Wireless Generations
- Standard Releases





- Electromagnetic Propagations
- Traffic Theory

Concept of decibel (dB)

2). RF Drive Testing(4 Days)

- Field Analysis
 - Physical Audit
 - Drive Collection
 - Analysis of Field Parameters
 - Troubleshooting of Field Problems
 - Measurement Steps
 - Post Processing of data
- Report Preparation

3).Post Processing Tools(4 Days)

Hands on Practice on m-Maps, Quantum GIS

4).Optimization & Analysis-.....(6 Days)

- Site Audit
- Tool Setup
- Drive Collection
- Analysis of Field Parameters
- Troubleshooting of Field Problems
- Key Parameter Indicators (KPI)
- Layer 3 Analysis
- Post Processing of data
- Report Preparation

Holiday for Test Preparation.....(2 Days)

Course Assessment through written test & mock interview

