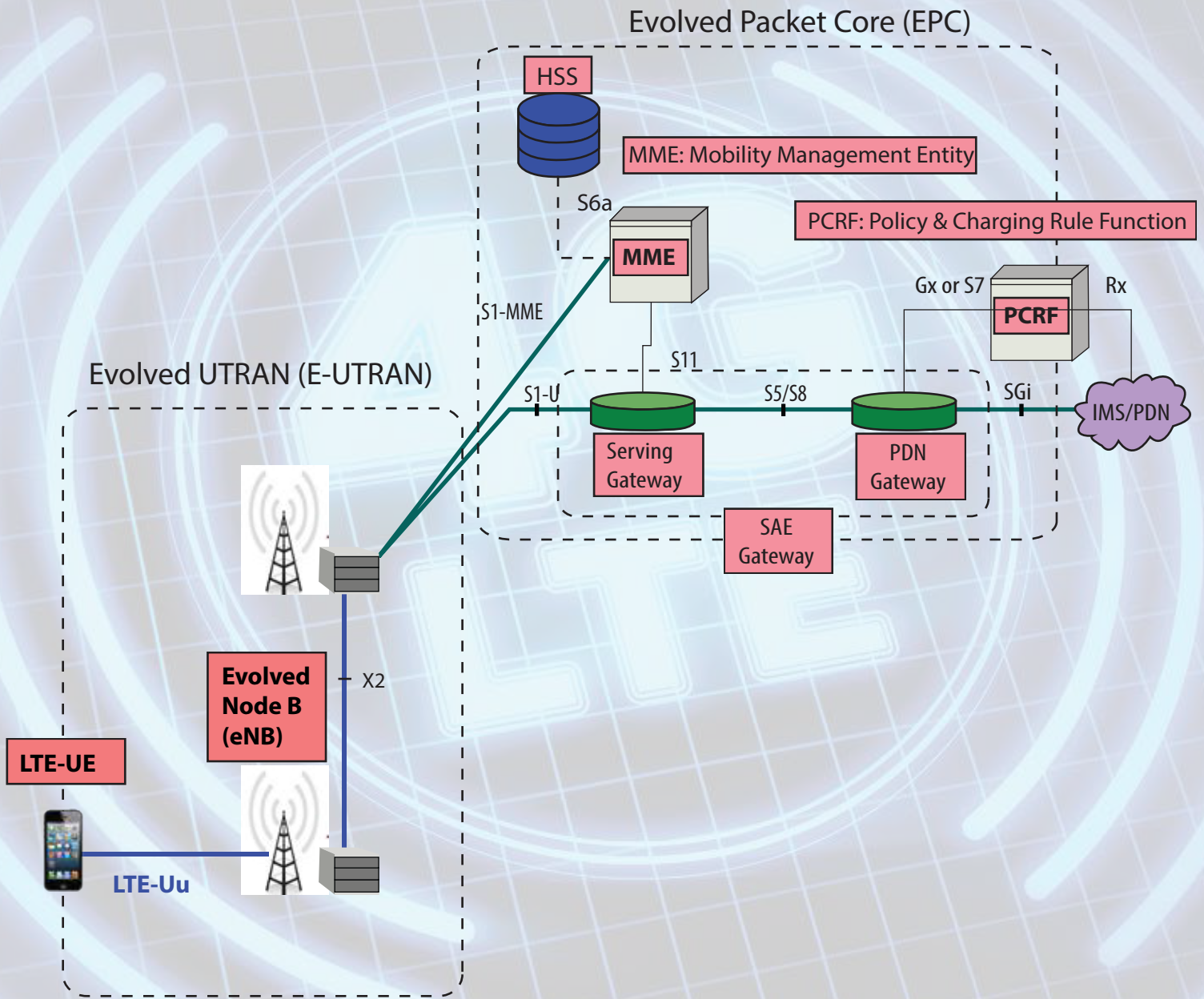




AN ISO 9001 : 2008 Certified Company

Apeksha Telecom Services Pvt. Ltd.



LTE RAN OPTIMIZATION & TROUBLESHOOTING TRAINING

A-43, 1st Floor, Sec-2, Noida(UP) (Beside Noida Sec-15 Metro Station) Contact : 9886577992, 9535333550



ABOUT US

Apeksha Telecom is one of the best and trusted Telecom vendor partner for numerous Telecom operators in India and globally.

Started as a proprietorship business in 2005, as a Telecom Training institute, we provided various Telecommunication certification courses. In 2008, we incorporated as a Private Limited organization. Currently, we are dealing with four different verticals like:



We offer Telecom Training for freshers and corporate professionals. The motive for the Training is the technical skill development of the trainees. We have telecommunication certification courses for 5G-NR, IoT, NFV, SDN, 4G-LTE, 3G-WCDMA & 2G-GSM.

All the Telecom training courses delivered at APEKSHA Telecom are according to current industry requirements. The training is handled by our dedicated team of Telecom experts, holding a minimum experience of 8 to 15 years in the Telecom domain.

Simultaneously, we have been creating value for our clients by on-time delivery of Telecom Projects and excellent Manpower Outsourcing Services all over India.

**“We do not just offer Training,
we offer Transformation...”**



LTE RF & RAN OPTIMIZATION AND TROUBLESHOOTING- PART I

1. LTE RAN KPIs

1. Accessibility
2. Retainability
3. Integrity
4. Mobility
5. Availability

2. Coverage Analysis

1. LTE Coverage basics
2. Coverage Analysis
3. LTE Coverage Plots

3. Accessibility KPI Analysis

1. System Acquisition
2. Random Access
3. Call Set-up & Signaling

4. Intra-Frequency Handover Analysis


1. Handover Measurements
2. Handover Preparation
3. Handover Execution

5. Inter-RAT Handover & CSFB Analysis

1. Idle-Mode Mobility
2. IRAT Handover (Connected Mode)
3. Circuit-Switched Fallback

Duration: 40 Hours
Fee: 30k

“Job-Training empowers people to realize their dreams and improve their lives”



LTE RF & RAN OPTIMIZATION AND TROUBLESHOOTING- PART II

1. Connection Drop Analysis

1. Synchronization
2. Maximum RLC Re-transmissions
3. Drop Scenarios
4. Troubleshooting

2. Idle Mode Performance

1. Idle Mode
2. Tracking Areas & Tracking Area Updates
3. Tracking Area Planning
4. Paging

3. DL Data Traffic Performance

1. Downlink Operations
2. Channel Quality Indicator
3. PMI-Closed-loop Feedback
4. RI-MIMO Operations
5. Scheduler
6. Downlink Transmission
7. Transmission modes
8. Hybrid ARQ
9. DRX & DL Power Control

4. UL Data Traffic Performance

1. Uplink Traffic Operations
2. Scheduling Requests & MCS Selection
3. UL Scheduling Algorithms
4. Tx & Rx Power of UE & eNB
5. HARQ/ARQ Operation Analysis
6. Inter-Cell Co-ordination for Interference Management

Duration: 40 Hours
Fee: 30k

“Education is not the learning of facts but the training of the mind to think”



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Thank You!

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Contact : 9886577992, 9535333550

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“Thank you for being the reason I smile”