



Workshop on Evaluation from GSM to GPRS (1 Day)

1. Characteristic of Packet Switched & Circuit-(1/2 Hour) Switched Networks-

- Differences between packet switched & circuit switched networks.
- Inefficiencies and limitations of circuit switched data.

2. Motivation for GPRS-(1/2 Hour)

- Limitations of a circuit switched network.
- Requirements to support packet switched data.
- The limitations of circuit switched data.
- New GPRS applications.

3. Evolution from GSM to GPRS-(1 Hour)

- Introduction and Background of GPRS.
- New GPRS Components.
- Benefits and limitations of GPRS

4. New Services with GPRS-(1/2 Hour)

- Service capabilities of GPRS.
- "Always Connected".
- Bandwidth on demand.
- GPRS data rates.

5. GPRS Key Features-(1 Hour)

- Overview of GPRS.
- Overview of the enhancements provided by EDGE.
- GPRS and EDGE expected data rates.





6. GPRS Architecture-(1 Hour)

- Overview of GSM.
- Introduction to the new GPRS Components.
- SGSN
- GGSN
- Required modifications to the existing network components.

7. GPRS Mobiles-(1 Hour)

- Main types of GPRS Mobiles.
- Requirements on the mobile to support packet data services.
- Mobile synchronization with the radio network.
- Operations between the mobile and GPRS core network.

8. Evolution of GSM to GPRS and GPRS to UMTS-(1/2 Hour)

- Impact of GPRS on GSM.
- Strategy to evolve to GSM/GPRS.

