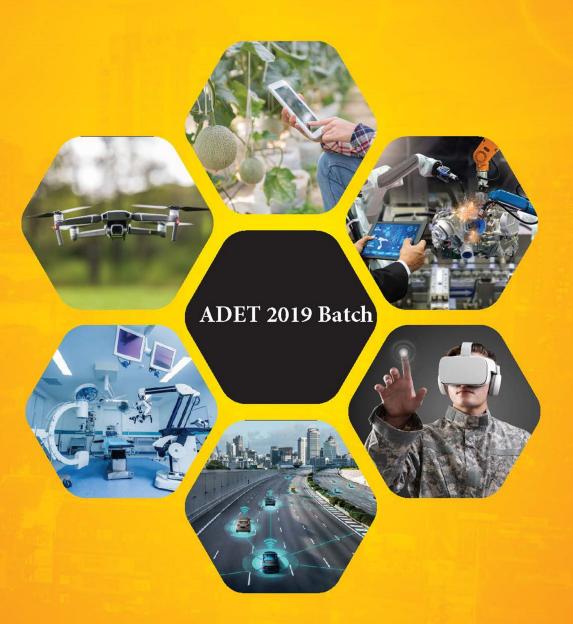
Concepts of Mobile Communications



(10th January 2022 - 28th January 2022)

National Telecommunications Institute for Policy Research Innovation and Training (NTIPRIT)

Content of the Training

- 1. Evolution of Mobile Technology
- 2. Fundamental of Mobile Communication
- 3. Radio Network Concepts-Cellular Principle
- 4. Functioning of Standards Development Organizations
- 5. TDMA/FDMA/CDMA/OFDM
- 6. GSM Architecture
- 7. GSM Cell Coverage / Capacity
- 8. GPRS and Edge
- 9. GSM Call Processing
- 10. IN, SMSC, Billing and Customer Care System
- 11. HLR/VLR/SMSC Dump and Analysis/Audit
- 12. UMTS Core Architecture
- 13. UMTS Air Interfaces (WCDMA/HSPA/HSPA+)
- 14. IP Multimedia Services (IMS)
- 15. UMTS Call Flow
- 16. DOT Engagement with ITU
- 17. LTE / LTE Advanced Air Interface
- 18. LTE/ LTE Advanced Identities
- 19. LTE/ LTE Advanced Session Setup and call flow
- 20. LTE/ LTE Advanced Session Setup and call flow
- 21. 5G Test Bed
- 22. LTE Quality of Service
- 23. LTE Protocols, channels, reference signals, RRM
- 24. VolTE Call Procedure and WiFi Offloading