

## General Information about the Program:

### Mode:

Regular (Monday to Friday, 2 Hrs per day)  
Part-time (Weekends, 4 Hrs on Saturday & Sunday)  
Online( Available 24 hours a day)

### Award

Ace Softel Pvt. Limited Certificate

### Instructional Methods:

Lectures in Classroom, on PowerPoint slides, discussion, Questions & Answers. All participants will also receive comprehensive course materials specially prepared by Ace Technologies, Training Division of Ace Softel Pvt. Ltd, Noida.

### Prerequisite:

Eligibility- B.E, B.Tech, BIT, MIT, BCA, BSC, MSC, PGDCA, MS, M.Tech, MCA & PHD.

### Need More Information ?

#### Ace Technologies

#### Training Division of Ace Softel Pvt. Limited

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## Basic Course in Mobile Communication (2 weeks)

**Course Code:** M-101

### **Course Objective:**

This course provides an introduction to fundamental technologies of the mobile telecommunications. Designed with the technical/non-technical professional in mind, this course provides day-to-day examples of the intricacies and competitive landscape of the industry.

### **What you will learn:**

An introduction to 1G and 2G(GSM network), Different interfaces of a GSM network, GSM Architecture MS to GMSC, GSM Architecture of BSS (Base Station subsystem), GSM Architecture of NSS (Network Subsystem), An introduction to GPRS network, Architecture of GPRS, Major difference between 2G and 2.5G, Introduction about 3G(CDMA,UMTS, WCDMA), Killing advantages of 3G over 2G, Architectural difference between 3G and 2G with protocol stacks, Brief introduction of next Generation, A brief introduction of different operating systems of Mobile Communication.

### **Course Outline:**

- ❖ Basic of Mobile Communication,
- ❖ 2G (GSM and CDMA ) in detail
- ❖ 2.5G(GPRS in detail and HSCSD, EDGE, EGPRS overview)
- ❖ 3G(UMTS, WCDMA) Overview
- ❖ 4G – LTE & WiMAX Introduction Only
- ❖ The Future

### **Who Should Attend:**

This course is designed to provide a solid understanding of Mobile Communication. This is a telecom awareness program.

### **Instructional Methods:**

Lectures in Classroom, on Powerpoint slides, discussion, Questions & Answers. All participants will also receive a comprehensive course materials specially prepared by Ace Technologies, Training Division of Ace Softel Pvt. Ltd.

### **Duration:**

2 Weeks