

## 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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## Advance Diploma in Mobile Communication and Software Technology (6months)

**Course Code:** M-302

### Course Objective:

This course provides an in depth knowledge of fundamental to advanced of the mobile communications Designed with the technical professional in mind, this course includes project of protocol stack development (L2 & L3) for 3G (UMTS) Mobile. You get introduction to CDMA and CDMA- 2000 plus Symbian OS - the mobile OS also in brief.

### What you will learn:

This course provides an in depth knowledge of fundamental to advanced of the mobile communications. Designed with the technical professional in mind, this course includes project of protocol stack development (L2 & L3) for 3G (UMTS) Mobile.

### Course Outline:

- ❖ Basic of Mobile Communication,
- ❖ 2G (GSM in depth and CDMA overview),
- ❖ Evaluation Test - 01
- ❖ 2.5G(GPRS In-depth and HSCSD, EDGE, EGPRS overview)
- ❖ Evaluation Test - 02, 03
- ❖ 3G(UMTS, WCDMA in depth)
- ❖ Evaluation Test - 04, 05, 06
- ❖ HSDPA & HSUPA brief overview
- ❖ Symbian OS - The Mobile OS brief overview
- ❖ 4G - LTE & WiMAX brief Introduction Only
- ❖ Mobile Roaming
- ❖ OSS & BSS overview
- ❖ Billing in Details
- ❖ IN Operations
- ❖ Evaluation Test - 07, 08
- ❖ Unix internals,
- ❖ Linux (Red Hat)
- ❖ Evaluation Test -09
- ❖ C Programming (Including Advanced and Basic)
- ❖ Evaluation Test -10
- ❖ Project
- ❖ Revision-01
- ❖ Revision-02
- ❖ Revision -03
- ❖ Course Closure - Final Evaluation Test
- ❖ Certification (Grade : A, B, C , D & E)

Note: Certification grade is given as per your performance during the class & Evaluation Tests.

**Evaluation Tests: Total 11 Evaluation Tests**

### Duration:

6 months