

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

Shree Jee Palace, Plot NO. V, 22-B, 3rd Floor, (Near Vinayak Hospital), Sector-27,

NOIDA (NCR, Delhi) - 201301, Uttar Pradesh, India

Phone office: ++91-120-3270224, ++91-120-3103249; **GSM Mobile:** ++91-9911303691

www.acetechnologies.co.in

Mail to: training@acetechnologies.co.in

HSUPA, High Speed Uplink Packet Access

Course Code: AC352

Course Objective:

HSUPA makes the uplink of WCDMA packet-based for data services. HSUPA offers reduced latency and much on uplink (About 6 Mbps in the uplink). This course provides in depth of the HSUPA enhancements and the technologies which are involved.

What you will learn:

You will be able to understand the relationship between HSUPA and UMTS , Describe the benefits of HSUPA, the HSUPA technical enhancements, Packet flows in HSUPA, Brief of the layer 1 and layer 2 protocol functionality in the UTRAN to support HSUPA etc.

Course Outline:

- ❖ UMTS Overview
- ❖ HSDPA Overview
- ❖ HSUPA Introduction
- ❖ Objective of HSUPA
- ❖ Air Interface and HSUPA Protocols
- ❖ HSUPA Physical Layer
- ❖ HSUPA Layer 2
- ❖ Enhanced UL protocol stack
- ❖ Different Releases brief
- ❖ MAC, MAC-b, MAC-c/sh/m
- ❖ MAC-d , MAC-e/es
- ❖ HSUPA Procedures
- ❖ HSUPA connection establishment , Soft handover
- ❖ HSPUA Network Planning & Optimization,

Who Should Attend:

This course is designed for developers, Engineers and Technical Management or anyone working with HSUPA.

Prerequisite:

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

Duration:

1 Month