UMTS RRM State

1 Hr. 11 Min.

LEARNING OBJECTIVE:

Upon completing the course, the participant will be able to:

- Understand RRM procedure.
- Understand the basic RRM functionalities.
- Understand cell selection and reselection process
- Discuss the RRC states, Location update procedure.
- Explain how paging is done.

COURSE OBJECTIVE:

- This course provides a learning path to understand the Radio Resource Management (RRM) functions in UMTS. Our main focus will be to understand the procedures of cell Search which involves comprehending what actually happens when a User Equipment (UE) is switched on. We will also see in depth the cell selection and Reselection procedure with reference to the change in RRC states, Location update process & the paging concept..

WHO SHOULD ATTEND:

This course is designed to provide a general overview for strategic or technical managers, consultants, communications professionals, network professionals and others who plan on using, evaluating or working with GSM/WCDMA/LTE wireless networks.

TARGET AUDIENCE:

- RF Engineers, UMTS Planners and Optimizers, Drive Test Engineers.

INSTRUCTIONAL METHODS:

Lectures in Classroom, Virtual Classroom trainings, discussion, Questions & Answers. All participants will also receive comprehensive course materials.

COURSE OUTLINE:

1.	Overview

1.1 Course overview

1.2 Overview & Objectives.

1.3 Cell procedure

1.4 PLMN Search

1.5 PLMN Selection

1.6 Cell Selection & Procedure

1.7 Cell Selectin Procedure

1.8 Cell Selection Criteria S

1.9 Cell Selection when leaving the RRC

   Connected State

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Evaluation and feedback of the participants

Maximum number of participants:	15
Duration:	1 Hr. 11 Min.