

# Telecoms Engineering

**Course Name**

BTS-R System and Maintenance

**Course Description**

This course will introduce telecommunications personnel to the maintenance procedures of the new BTS-R.

After completion of this course, the attendee will have the appropriate knowledge of the new BTS-R to face maintenance required with efficiency. You will be able to: Understand the architecture and the system capacity of the new BTS-R. Describe the equipment and the modules and their functionality. Identify the boards and their front panel LED's, and analyze the faults. Identify the faulty modules and replace them. Know the various network topologies supported by the BTS-R. Identify the BTS-R software and its functions. Use the TIL to perform tests for troubleshooting.

**Audience**

Telecommunications personnel who will be required to maintain and fault find the BTS-R equipment.

**Duration:** 2 Days Day(s) **Class Size:** 8

**Competence Name Awarded**

Undertake corrective and preventative maintenance of GSM-R equipment.  
Undertake corrective and preventative maintenance of GSM-R equipment. GSM-R Network - BTS-R

**Competence Awarded****Course Code****Prerequisite Name****Prerequisite Short Code****Skills Assessment Scheme Regime****Course Type**

Face to Face

**Download Date: 20/5/2024**