

# **SARVAJANIK COLLEGE OF ENGINEERING AND TECHNOLOGY**

## **Industrial Visit to BSNL, Textile Market Exchange, Surat**

### **Report**



3<sup>rd</sup> EC at BSNL on 9/8/2016

**Date of Visit :** 9/8/2016 Time: 11:00 am

**Place :** BSNL, Textile Market, Surat.

**Students :** 3<sup>rd</sup> Year ECC Students (2016-17 Batch)(55 students)

**Faculties :** Prof. Neeta Chapatwala, Prof. Ketki C. Pathak,

Prof. Mrugesh Patel, Prof. Bhaumik Vaidya

The industrial visit was organized BE-III<sup>rd</sup> Year EC (5<sup>th</sup> Semester) students at BSNL market telephone exchange at Surat. Total 55 students and 4 staff members participated for the visit. All students and faculty members reached at BSNL, Textile Market exchange at 10:30 am on 9th August 2016. It was a paid industrial visit.

The students were divided in to four groups, each group comprised of 14 students and one faculty. Shri T. N. Parmar, Sub Divisional Engineer and the technical staff members provided explanation of different equipments and its functionality of various departments like National Internet Backbone(NIB), GSM-MSC(GSM based Main Switching Centre), BTS(Base transceiver Station) , Local Telephone exchange, MDF(Main Distribution Frame), Transmission -OFC Room, Power plant and battery room etc. The students understood working of landline and mobile networks with latest networking and fiber optics concept. Main Distribution Frame (MDF), provides both Broadband and landline. During maintenance, cable checking and meter checking for fault diagnosis is done. Each team spent more than an hour in the every section. Finally students visited the power plant and battery sections and understood the process of power management in case of power failure. In every section, students asked various questions and got the detailed answers by the technical staff. The visit terminated at 5:00 pm.