

SARVAJANIK COLLEGE OF ENGINEERING AND TECHNOLOGY

INFORMATION TECHNOLOGY DEPARTMENT

REPORT ON INDUSTRIAL VISIT TO BSNL, TEXTILE MARKET EXCHANGE



The Department of Information Technology organized an industrial visit to BSNL, Textile Market Exchange, Surat on 31st August 2017. A total of 35 students gathered for this visit accompanied by faculty members Prof. Jigisha Parekh and Prof. Dhanalakshmi Manickaraj.

Highlights of the visit

The students were given a guided tour of the facility by technical staff members from BSNL. The different communication equipment and their functionality were demonstrated to students. The visit was initiated by Mr. Mehul Gohil, SDE RTTC Ahmedabad with the demonstration of mobile switching center (MSC) where the functions of BTS, BSC and transcoder were explained in detail so that students were able to understand the GSM concepts discussed in their theory, in a lively manner.

The students were also explained the function of the terminal equipment room containing PCM, OFC and the Electronic Digital Switching System (EWSD) as well as explanation of local telephone exchange, software maintaining call history and checking about fault area. Next,

students visited the Internet switching room where they understood the actual working of routers and how broadband connections are given from exchange. Finally students visited power plant and battery section where they learned about handling power failure in the exchange.

The visit was very fruitful for the students and satisfied the objective of studying the concepts of Mobile Communication and how they are implemented in real time.

