

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 4th October 2016. The visit comprised of 44 students accompanied by faculty members Prof. Jigisha Parekh and Prof. M. Dhanalakshmi.

The students were given a tour of the exchange by technical staff members from BSNL. The BSNL staff gave demo of communication equipment and explained their functionality to the students. The visit initiated with the demonstration of '**Mobile Switching Center**' where the functions of BTS, BSC, transcoder etc. was explained, so that students gained the knowledge of GSM concepts. The students also visited the '**Terminal Equipment Room**' containing PCM, OFC and the Electronic Digital Switching Systems and were given an explanation regarding local telephone exchange, software maintaining call history and locating of fault areas. Then the students visited the '**Internet Switching Room**' where they were given demo of practical working of routers and how broadband connections are given from exchange. Finally students

visited the 'Power Plant' and 'Battery Section' to understand the handling of power failure in the telephone exchange.



The visit proved to be fruitful for the students, and satisfied its objective of demonstrating live concepts of Mobile Communications in real world.