



ANURAG GROUP OF INSTITUTIONS

(FORMERLY CVSR COLLEGE OF ENGINEERING)
Venkatapur (V), Ghatkesar (M), R.R.Dist.

ACTIVITY REPORT

Name of the activity: **Industrial visit**

Title /Topic: **BSNL**

Resource Person:

Date: **28th July 2018**

Key points: Broadband, Optical fiber cable, Mobile networks and Switching modules.

Summary: Under IEI AGI ECSC chapter one day industrial visit on BSNL, Gachibowli. Faculties and III year ECE 74 students are visited. The trainer explained the four modules.

Details about Modules:

Module1: Broadband

Topics covered under this module:

- Modulation.
- Different forms of information transfer.
- The speed of data transfer.
- Different ways in which information transfer (using physical connectivity) or communication can be done for long and short distances.
- Development of internet.

Module2: Optical fiber cable

- Principle of optical fibre cable.
- Materials used in manufacturing and protection of the cable.
- 24f, 48f, 96f OFC cables.

Module3: Mobile networks

- Introduction to Antennas.
- Leading equipment providers.
- 2G, 3G, 4G network testers.
- Introduction to CDMA.
- Advancement of mobile technology and 5G network.
- Applications and limitations of different generation networks.

Module4: Switching

- LAN connection.
- Telephone switching.
- Architecture and connections of switching in telephone networks.

Photographs:





The faculty coordinator: Mrs.T.Annamani