



## VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

### Brief Report on “Industry Visit at BISAG,Gandhinagar”

Name of Department/Organizer	:	Electronics & Communication Department and IEI Student Chapter
Date & Time	:	24 <sup>th</sup> and 25 <sup>th</sup> July, 2018
Venue	:	BISAG,Gandhinagar
No of Participants	:	<b>160</b>

#### • Objective of the Event

- ❖ To help students to gain information regarding satellite communication.
- ❖ To make students aware about how various activities related to satellite is carried out in BISAG and give them knowledge about the working of it.
- ❖ To understand different career opportunities in the field of communications.

#### • About BIASAG

- ❖ BISAG, formerly known as Remote Sensing and Communication Centre (RESECO), has started its operation in April,1997 and renamed after the great Indian Mathematician of the 12th century, "Bhaskaracharya" in December 2003. BISAG is a State level nodal agency to facilitate the use of spatial and geo-spatial technologies for the planning and developmental activities pertaining to Agriculture, Land and Water Resource Management, Wasteland/Watershed Development, Forestry, Disaster Management, Infrastructure and Education.

#### • About Visit

- ❖ Around 65 students of BE – 7<sup>th</sup> Semester from EC department along with two faculties Prof. Jagruti Naik and Prof. Urvisha Fatak had visited the BISAG on 24<sup>th</sup> and 25<sup>th</sup> July,2018.
- ❖ Shri Kamlesh Amin (visiting faculty -PR) was our guide for the visit. In first session, Shri Kamlesh Amin has given brief overview of functions of BISAG. He explained how BISAG is helping to solve various problems of land, health ,education ,home and other government departments(more than 20 departments). He also shared the incident of land allocation for TATA motors’s NANO project in Sanand which was worked out at BISAG. He narrated that remote sensing and GIS applications have provided impetus to planning and development activities at grass root level as well as monitoring and management of various disciplines like land resources, water resources.

- ❖ He explained how the students can take projects/training at BISAG. Students has also asked various questions regarding communication field to make session interactive.
- ❖ BISAG has 10 studios for recording and broadcasting of various programs for spreading and sharing the educational knowledge to all parts of Gujarat. In second session, we have visited to two of them and one was working with normal technology and other was working with chroma technology (used for changing the background of picture/video).
- ❖ Last session was conducted by Shri Nayan Gajera, who is working as broadcast engineer.He explained working of Gujarat Satcom Network that faci litate easier and faster interaction in the development and education activities of state. He explained the function of the earth station (11m Ku band and 9.3Ku band).There are 20 dish antennas at BISAG for uplink and downlink. He also narrated working of antennas and role of this facility in VANDE GUJARAT(Video Audio Network for Development and Education).

- **Photographs**

