

Silver Oak College of Engineering & Technology, Ahmedabad

Electronics & Communication Engineering Department

Date: 28th August, 2018

Submitted:

Sub: Report on Industrial visit at BISAG, Gandhinagar for 3rd and 5th Semester students of EC department .

Electronics & Communication Engineering Department of Silver Oak College of Engineering & Technology had organized an industrial visit at Bhaskaracharya Institute for Space Applications and Geo-informatics on 27th August, 2018.

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. BISAG provides specialized services and solutions in implementing map-based GeoSpatial Information Systems. BISAG undertakes all services for the entire process of implementing an enterprise level GIS system. These services include GIS database design and development, map creation/updation and finishing, data migration/conversion and format translation, software development and customization, systems integration and technical consulting. BISAG also provides complete GIS solutions, which bundle hardware, and software with GIS systems development services. BISAG offers comprehensive GIS / PHOTOGRAMMETRIC solutions over large geographical areas. These include solutions and services in the areas of mapping, cartography, imaging, photogrammetry and utility / environment resource management. BISAG provides solutions based on Remote Sensing, using Multi-spectral data, for specific applications like agricultural crop monitoring, watershed management, forest fire mapping etc.

During visit, following areas were explored:

- 1) Earth Station
- 2) Audio- Video data transmission and reception area with studio
- 3) Parabolic reflector antenna set up

45 students and two faculty members Prof. Rina S. parikh and Ms. Rachna Jadvani of EC have visited the industry. Students were told to prepare a brief report of the same.



Rina S. Parikh,
Assistant Professor, EC, SOCET

Through,
HOD, EC

To,
The Principal,
SOCET