

SARVAJANIK COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER ENGINEERING

REPORT ON

INDUSTRIAL VISIT AT E-INFOCHIPS AND BISAG

Students of Computer Engineering department of Sarvajanic College of Engineering and Technology, had visited Einfochips ,Ahmedabad and BISAG (Bhaskaracharya Institute for Space Application and Geo-informatics) on **September 29, 2014** Along with 3 faculty members namely, Prof. Snehal Gandhi, Prof. Jayesh Chaudhry and Prof. Jaydeep Gheewala. The visit was a part of their industrial visit program which college had arranged as a part of Industrial Exposure Program.

Einfochips:-

Mr. Rutul and ms. Prerana Paliwal gave a brief introduction about Einfochips. He narrated briefly how Einfochips was born and has progressed over the years in industry. Einfochips is a product engineering service company having branches in more than 18 cities worldwide. He also explained that the company works as global innovation partner for global industry leaders. Einfochips is providing services in Application software, embedded software, Firmware and boot-code, Industrial design, Board and mechanical sectors. He also explained how Einfochips has made itself in all walks of service providing and consultancy. He explained about the types of projects carried out by Einfochips. Almost all the projects carried out by Einfochips are hardware based and they design chips for such projects. He explained about offices Einfochips have in India at Ahmedabad, Mumbai, Noida, Pune, and Chennai. He also said how the company has been involved in projects with NASA, Microsoft, Honeywell and such other elite companies. Einfochips is also to have worked with world's smallest silicon chip (16mm). He also shed some light on about 150+ products are enabled with Einfochips IP. Einfochips has designed over 500 product deployed for more than 100 clients. Einfochips is also one of the major companies working with semiconductor chips. Fortune-500 magazine enlisted Einfochips in their prestigious list of companies.

After a remarkable introductory session by Mr. Rutul, 2nd session was conducted by Ms. Prerana Paliwal. She organized a special session on EITRA (Einfochips Training and Research Academy). EITRA session was an interactive session with students asking lots of questions. She also explained about working methodology of Einfochips and how company

works in Training and research sector. She also explained schema of how students go through different phases at EITRA. She also gave brief knowledge about the programmes offered by EITRA such as M.Tech, Skill Enhancement, and Industrial Project etc. This session was enjoyed by all the students. She also gave some insight on some of the projects done by company such as Image compression, Home Automation. Lastly she gave brief idea about the sectors in which company deal with such as Robotics, Gis and Image processing etc.



BISAG:-

The visit at Einfochips finished with huge success. After that all students were whisked to another institute namely BISAG (Bhaskaracharya Institute for Space Application and Geoinformatics) at Gandhinagar, where the students were welcomed by Mr. Amin. As time permit was only about an hour, it was divided into two parts: 1> Presentation 2>Gujsat.

In the presentation part the students were informed about BISAG and what does actually happen at Institute. Mr. Amin also explained that the data that is gathered from ISRO or other satellites is collected at BISAG in raw form and then Engineers at BISAG converts the data into structured form. He also gave information of how BISAG has been involved in projects like urban development, Agriculture, Security, River Planning etc. He also explained How BISAG is involved with Students and every year around 300 students go through training and project work with BISAG.

In the second part that is Gujsat, students were shown a studio from where educatory channels are being broadcast across Gujrat. Also live recording of study sessions for government schools and colleges.

Industrial visit to E-infochips and BISAG was a huge success which was full of knowledge. Students got to know working methodology of a MNC company, got to know how the people are working in an industrial environment. Students got industrial exposure on this trip. All agreed that such kind of trips must be organized more frequently in future and students must be given industrial exposure right from 2nd year itself so that, during course they can develop the skills required for industries more.