

Chhotubhai Gopalbhai Patel Institute of Technology

Department of Computer Engineering and Information Technology

Report on Industrial Visit to Bangalore - 2016

Chhotubhai Gopalbhai Patel Institute Of Technology, Bardoli established in 2009, have made constant efforts to upgrade the society by imparting technical knowledge to the youth and preparing them to stand in society with the attitude of competing with others and proving one's worth in practical world.

Following its mission, the institute have arranged an educational tour in September 2016, for the students of 7th semester CE and IT to various organizations at Bangalore.

Details of the visit are as follows:

No. of Students	91 (Computer Engineering 48 + Information Technology 43)
Faculty Members	Vibha Patel Rachna Patel Ankit Kharwar Fenil Khatiwala Vishvajit Bakrola Dipak Dabhi
Visit to Coca Cola India Pvt Ltd	21 st September, 2016
Visit to Indian Institute of Science	21 st September, 2016
Visit to Hindustan Aeronautics Limited	22 nd September, 2016
Visit to Visvesvaraya Museum	22 nd September, 2016

1. Coca Cola India Pvt. Ltd.:

Coca Cola is one of the first investors in the country post liberalization. It restarted operations in 1993 and ranked 6th globally in the Coca-Cola system in terms of volume which provides hydration & nutritional choices. Coca Cola India is the country's largest beverage company, refreshing consumers with a wide portfolio of sparkling and still brands. Students were shown the automated manufacturing plant with mechanism.



Students at Coca Cola India Pvt. Ltd., Bangalore

2. Indian Institute of Science:

The Indian Institute of Science (IISc) was founded in 1909 as a result of the joint efforts of Jamsetji Nusserwanji Tata, the Government of India, and the Maharaja of Mysore. In 1886, Jamsetji Tata conceived of a university of science that would work for the benefit of India, and in 1898 created an endowment for establishing such an institution. The Government of India then took up the effort and in consultation with scientists in England and in India, decided to locate the Institute in Bengaluru, where the Maharaja of Mysore, Shri Krishnaraja Wodeyar IV, donated 372 acres of land. The Institute was formally vested in 1909, the foundation stone was laid in 1911, and the first batch of students started their studies in the same year.

On the same campus, students visited SERC. The Supercomputer Education and Research Centre (SERC) is the country's leading computing centre having the state-of-the-art computing facilities, catering to the ever-increasing demands of high performance computing for scientific and engineering research. The supercomputing facility at SERC is a symbiosis of computing, network, graphics and visualization. The Centre housing state-of-the-art computing systems with sophisticated software packages is conceived of as a functionally distributed supercomputing environment and connected by a powerful high-speed network.



Besides serving as the hub for computational facilities at the Indian Institute of Science (IISc), the Supercomputer Education and Research Centre (SERC) also imparts education and carries out its own research



Students at Computing Center

3. Hindustan Aeronautics Limited:

Hindustan Aeronautics Limited (HAL) came in existence on 1st October 1964. The company was formed by the merger of Hindustan Aircraft Limited with Aeronautics India Limited and Aircraft Manufacturing Depot, Kanpur. HAL has been successful in numerous R & D programs developed for both Defence and Civil Aviation Sectors. It also has significant role for India's Space program.

Visit to HAL was a great experience for the students where students gained the knowledge about the Aeronautic world and got a chance to know about its history.



Group of students with the instructor



Different aircraft models at HAL

4. Visit to Visvesvaraya Museum:

Visvesvaraya Museum was built around 1960 and is one of the units of National Council of Science Museums and autonomous organization under the ministry of culture, Government of India. Visit to Visvesvaraya Museum was a knowledgeable experience. It is divided into 5 sections that include Space and satellite, Biological Department, Mathematical Department, Mechanical Department and Fun Science Department. Students were amazed and glad to visit the museum as it helped them in knowing the science world more precisely and accurately.



A view inside Visvesvaraya Museum



Group of students outside Visvesvaraya Museum

The entire trip turned out to be a step-ahead for our students. It was a rejuvenating experience. We are very thankful to the management and Director Dr. N. C. Shah Sir for their valuable guidance. Special credit to the head Ms. Purvi Tandel along with Mr. Vishvajit Bakrola for arranging and coordinating such an educational and inspirational trip for students.



Group photograph at Oasis Hotel



Group photograph at Hotel Bangalore Gate