



ATHARVA EDUCATIONAL TRUST'S
ATHARVA COLLEGE OF ENGINEERING

(Approved by AICTE, Recognized by Government of Maharashtra
& Affiliated to University of Mumbai - Estd. 1999 - 2000)
Department of Humanities and Applied Sciences

REPORT ON INDUSTRIAL VISIT

Industrial Visit to Bangalore (FE)

Date: 8th Jan-12th Jan 2020

Faculty Member: Paresh Nevarekar, Pratima Babar And Pooja Raut

Visited Industries:

- 1. C-DAC Centre Bangalore.**
- 2. Supercomputer Education and Research Centre (SERC)**
- 3. Hindustan Aeronautical Limited, Bangalore**
- 4. Visvesvaraya Industrial and Technological Museum, Bangalore**

Introduction:

Industrial Visit was organized for First year students to Bangalore and they visited the industry

Day 1: 9 th January, 2020

“C-DAC Center Bangalore.”

C-DAC, Bengaluru centre, is the 2nd of C DAC centres to be established in 1989 to carry-out research and deliver solutions and products in the area of System Software for PARAM series of super computers of C-DAC. PARAM Padma, housed at C-DAC's Terascale Supercomputing Facility (CTSF) is a result of its third mission project in High Performance Computing Technologies. The centre is highly acclaimed as a centre for excellence in the thematic areas of High Performance and Grid Computing, Cyber Security and Cyber Forensic, Professional Electronics, FOSS and Software Technologies, Language and Heritage Computing and Training



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9 th January, 2019

“Supercomputer Education and Research Centre (SERC)”

The Computer Centre, established in 1970 as a central computing facility, became **Supercomputer Education and Research Centre (SERC)** in 1990 to provide state-of-the-art computing facility to the faculty and students of the Institute. SERC is created and fully funded by the Ministry of Human Resource Development (MHRD) to commemorate the platinum jubilee of the Institute. It houses India's first petascale supercomputer CrayXC-40 and also the fastest supercomputer in India.

Apart from functioning as a central computing facility of IISc, the SERC is engaged in education and research programs in areas relating to supercomputer development and application. The Centre is also involved in several sponsored research projects in collaboration with several high-profile government and private agencies.



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Day 2: 10 th January, 2019

**“Hindustan Aeronautical Limited” Near HAL Police Station, HAL Old Airport Rd,
Marathahalli, Bengaluru, Karnataka 560037**

HAL Aerospace Museum is India's first aerospace museum located at Hindustan Aeronautics Limited premises, in Bangalore. Established in 2001, the Museum is part of the HAL Heritage Centre and Aero Space Museum, and showcases the growth of the Indian aviation industry and HAL for six decades. The museum houses displays of various aircraft and helicopters, Aircraft engine models, Flight simulators, a mock Air Traffic Control Tower and exhibit of Indian aviation history. The Museum is maintained by HAL (one of Asia's largest Aerospace companies)



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Day 3: 11 th January, 2019

**“Visvesvaraya Industrial and Technological” Museum Near Chinna Swamy Stadium,
Kasturba Rd, Ambedkar Veedhi, Bengaluru, Karnataka 560001**

The Visvesvaraya Industrial and Technological Museum, (VITM), Bangalore, India, a constituent unit of the National Council of Science Museums (NCSM), Ministry of Culture, Government of India, was established in memory of Bharat Ratna Sir M Visvesvaraya. The building, with a built up area of 4,000 m² (43,000 sq ft), was constructed in Cubbon Park. It houses various scientific experiments and engines, and was inaugurated by the first Prime Minister of India, Pandit Jawaharlal Nehru, on 14 July 1962. The first gallery set up at VITM, on the theme of 'Electricity', was opened to the public on 27 July 1965.



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