# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CHRIST UNIVERSITY, BENGALURU - 74

INDUSTRIAL VISIT to C-DAC (CENTER FOR DEVELOPMENT AND ADVANCED COMPUTING)
7th September, 2017

An industrial visit to Centre for Development of Advanced Computing (C-DAC) Knowledge Park, Byappanahalli, Bengaluru, was organized by Department of Computer Science and Engineering, on 07 September 2017, at 2.40 PM for the students of fifth semester B Tech and first semester M Tech students. The visit to this research centre was a learning and knowledge gaining experience as the students got an opportunity to know more about Super Computer "PARAM Padma" and some technical aspects of that server and its current applications.

- Students were first given a session on Information PARAM and then introduced the history of C-DAC and research and development at C-DAC.
- C-DAC team provided introduction about super computers and a series of supercomputers designed and assembled by C-DAC. The configuration and working of their latest machine PARAM Padma was the prime topic of this discussion.
- PARAM is a series of supercomputers designed and assembled by the C-DAC. Supercomputers designed by C-DAC are PARAM 8000, PARAM 9900, PARAM 1000, and PARAM YUVA PARAM Yuva II. The latest machine in the series is the PARAM Padma.
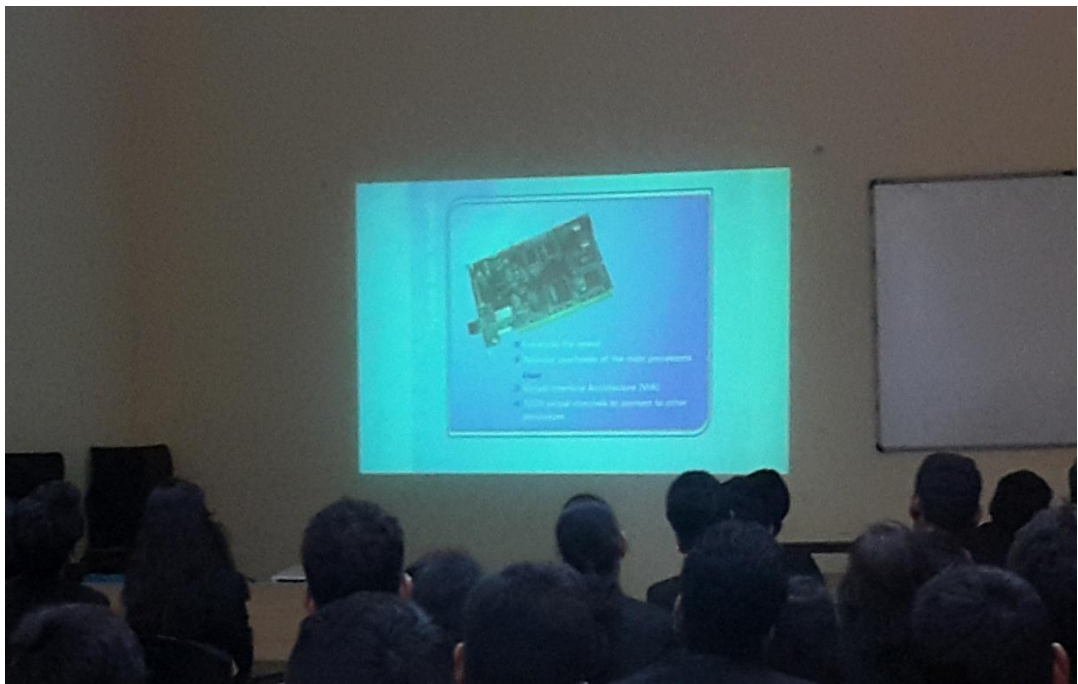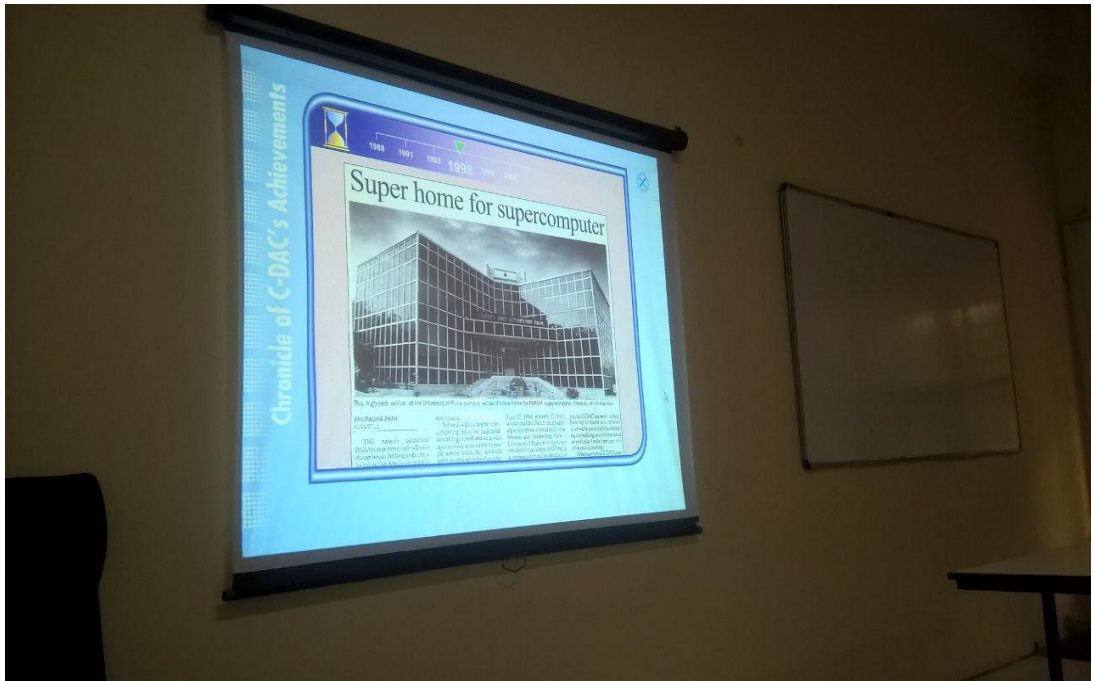
➢ A technical collaborative discussion between students, faculty members and industrial expert Mr A C Nataraj Scientist 'E' from C-DAC was the last event of the day. The Industry Visit was a very educative experience.

Learning Outcomes:

- The Industrial Visit to C-DAC helped the students to achieve the following:
  - ✓ Understand the products / projects C-DAC
  - ✓ Understand the computational capabilities of supercomputer "PARAM" and its applications. Different supercomputers designed

by C-DAC are PARAM 8000, PARAM 9900, PARAM 1000, PARAM YUVA and so on.

- Technical discussions between students and experts from C-DAC on the following:

  i.   Governance Solutions

  ii.   Education and Training

  iii.   Technology – Grid and Cloud Computing, High Performance Computing, Health Informatics, Cyber Security, Big Data Analytics, Cloud Computing, Embedded Mobility and Security.