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Industrial Visit Organized by Department of Computer Science Engineering

"Industrial visit to C-DAC"

An Industrial Visit to C-DAC was organized by Dr. S K Manju Bargavi, Associate Professor and Industrial Visit Coordinator of the Department of Computer Science Engineering. On receiving the letter of invitation from Mr. Aswath Rao, Head, C-DAC, the 6th semester students from CSE enrolled into this program and set out to C-DAC, Bangalore, on February 26th, 2019. 49 students, accompanied by Mr. Karthi Myilvahanan (Asst. Professor, Department of CSE) and Dr. Sindhanaiselvan (Associate Professor, Department of CSE), enthusiastically assembled in the college at 1.30 pm and left for the destination in the college bus.

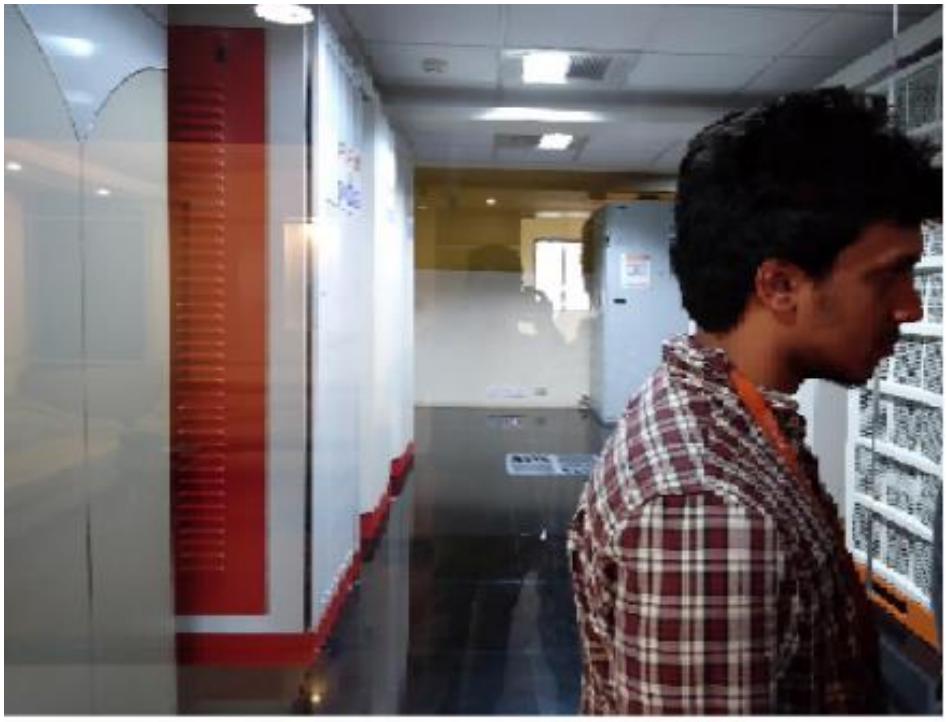
They reached C-DAC Knowledge Centre at around 2.40 pm, and were received by the staff who guided them to the Conference Hall. Here, the students and faculty members were met by Mr. Aswath Rao, Head, C-DAC, who briefed them about the organization and functions of C-DAC.

Industrial visit to C-DAC: Students of Computer Science and Engineering Department with faculty members during the Industrial visit on 26th February 2019.

Mrs. Deepthi, Technical Officer, C-DAC, received us at the The Super Computing Laboratory, and made a brief presentation about the lab. She explained about the super computer **PARAM Padma-II** installed in the lab – this super computer is an enhanced version of the earlier one. She also gave a lecture on how a super computer works, illustrating this with examples. She outlined the various services which are given by C-DAC for both Government and private industrial organizations.

Industrial visit to C-DAC: (L to R) Dr. Sindhanaiselvan, Assoc. Prof. Dept.of CSE and Mr. Karthick Myilvahanan, Asst. Prof. Dept. of CSE along with 6th sem. CSE Students during the Industrial visit on 26th February 2019.

She explained about the Intel Xeon-Phi (KNL) cores, Clustering monitoring tools, Grid computing, High performance Computing (HPC), Reconfigurable Computing System (RCS), Rocks 5.0 on RHEL and infini band 20Gbps. She also enumerated on the PARAM Yuva-II in C-DAC Pune, used in weather forecasting.



Industrial visit to C-DAC: Super Computer-PARAM Padma during the Industrial visit on 26th February 2019.

As the icing on the cake, the resource person of C-DAC informed us about the various projects that the organization will provide for final year students of MVJCE.

Outcome of the Industrial Visit

The students got a deep insight about super computing - PARAM Padma-II. They also understood about High Performance Computing and Grid computing. They learnt about DIviA-for debugging - a parallel program tool developed by C-DAC. By the end of the visit, they got a clear idea about the real time applications in various industries.