

INDUSTRIAL VISIT TO NAL

An Industrial Visit to National Aerospace Laboratories (NAL-CSIR 4PI HEAD) was organized by the Industrial Visit Coordinator of the Computer Science Engineering Department, **Mrs. KALAIMATHI B** (Assistant Professor, Dept. of CSE).

On receiving the letter of invitation from Mr. **K C GOWDA**, Scientist, CSIR-CMMACS, the students of 5th Semester from Computer Science Engineering, enrolled into this program, and undertook the Industrial Visit to NATIONAL AEROSPACE LABORATORIES, Bangalore, on August 30, 2018. 60 students, accompanied by Mrs. **R TAMILARASI**, Assistant Professor, Dept. of CSE and Mrs. **G SIVAGAMA SUNDARI**, Assistant Professor, Dept. of CSE, assembled in the college at 9:00 am and proceeded to the destination by college bus.

We reached NAL at 11:00 am, and were received by a staff member who guided us to the conference hall, where the students and the faculty members were welcomed by Mr. **PRABHU**, Senior Technical Officer - 2 High Performance Computing Group CSIR Fourth Paradigm Institute. He gave us a briefing regarding the program and the schedule for the day. After some refreshments, he started the session by talking to the students about the industry expectations from fresh graduates. He guided the students to be prepared for the road ahead, by detailing some self-learning methods. He introduced us to the **HPC (High Performance Cloud)** system and its intensive use. He also gave us some inputs on the **supercomputer** used by them, and all over the world. At the end of this session, he addressed the Questions posed by our students.



Industrial visit to NAL-CSIR 4PI HEAD on 30.08.2018(1 to R)MVJCE 5th Sem CSE Students,Mr.Prabhu Scientist NAL,Mrs.Sivagamasundari Asst prof MVJCE,Mrs.Tamilarasi Asst prof MVJCE,5th Sem Students CSE .

The next session was handled by Mr. **K C GOWDA**. He introduced Data Analytics and explained in detail about its advantages and its extensive use in today's world. He explained how the samples of information collected from various sources can be turned into real time data and predictions. He showed some real time examples from the data he had collected to predict the rainfall in a city to help farmers save the money that they would spend on irrigation. He encouraged the students to work towards their goals, and stressed on the importance of young minds for the development of the country.

After this session, we were taken on a tour of the supercomputer centre (DATA CENTRE) used by NAL. Explanation on its various components and their maintenance system was given to the students, by the personnel present there. It was a nice experience. The NAL campus is a green and well-maintained one, and we loved it. At 1:00 pm, the session came to a close, and we returned to the college in the college bus.

We express our heartfelt gratitude to the Management, Principal, Vice Principal and Head of the Department, for making this Industrial Visit possible. We are also thankful to our Professors who accompanied us. It was a great learning experience.

Outcome of the Event:

The students understood the concept of how the samples of information collected from various sources can be turned into real-time data and predictions. The students saw the supercomputer centre (DATA CENTRE) used by NAL, and gained knowledge about data and predictions analysis.