mvj COLLEGE OF ENGINEERING
Established in 1982

Engineered for Tomorrow

Industrial visit to NAL-CSIR-4PI HEAD

An industrial visit was organized from National Aerospace Laboratories (NAL-CSIR 4PI HEAD), by the department industrial visit coordinator-**Mrs. KALAIMATHI B.** Assistant professor, Dept. of CSE. On receiving the letter of invitation from Mr. **KC Gowda**, Scientist, SIR-CMMACS, the 6th semester students from Computer Science & Engineering, enrolled under this program went for the industrial visit to NATIONAL AEROSPACE LABORATORIES, Bangalore on Feb 14, 2018. A total of 55 students, accompanied by Mrs. **KALAIMATHI B.** and Mrs. **THANU KURIAN-** Assistant professor, Dept. of CSE assembled in the college at 12:30 pm and left for the destination in the college bus.

They reached NAL at 2:00 pm and were received by a staff who guided them to the conference hall where the students and the faculty members were welcomed by Mr**. PRABHU** - Sr. Technical Officer-2 High Performance Computing Group CSIR Fourth Paradigm Institute who gave a briefed them on the program and the schedule for the day.

Mr**. PRABHU** started the session by briefing about the industry requirement from fresh graduate and guided the students to \ some self learning methods. He introduced the students to the **HPC (High Performance Cloud)** system and also dealt with its intensive use. He also gave them a brief session on the **supercomputer** used all over the world. This session was followed by a series of questions and answers.

Session by Mr. PRABHU at NAL-CSIR-4PI HEAD Conference hall about supercomputer and HPC.(L to R) Mr.Prabhu Sr. Technical Officer-2 High Performance Computing Group CSIR Fourth Paradigm Institute& 6th sem Students MVJCE

Session by Mr. KC Gowda at NAL-CSIR-4PI HEAD Conference hall about BIG DATA Techniques and applications.(L to R) 6th sem Students MVJCE and Scientist, Mr. KC Gowda SIR-CMMACS

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 their money for irrigation. He encouraged the students to work towards their goals and the explained the importance of young minds for the development of the country.

Later in the day when the seminar ended the faculty members and the students were accompanied by a staff for tea and snacks.

(L to R):MVJCE Students, Scientist, Mr. KC Gowda SIR-CMMACS ,Mrs.B.kalaimathi Assistant professor,CSE,Mrs Thanukurian Assistant Professor CSE,at NAL-CSIR-4PI HEAD Conference hall on 14th Feb, 2018

After the tea they were taken for a small tour of the supercomputer centre (DATA CENTRE) used by NAL. There the students were explained the various components and their maintenance system. It was a good learning experience for the students. NAL has a well-maintained campus that is full of lush greenery. At 5:00 pm when the session was brought to an end the students were accompanied to the bus from where they parted to their home. The industrial visit was a great learning experience.

(L to R):MVJCE Students, Mr.Prabhu Sr. Technical Officer-2 High Performance Computing Group CSIR Fourth Paradigm Institute, Scientist, Mr. KC Gowda SIR-CMMACS ,Mrs.B.kalaimathi Assistant professor,CSE,Mrs Thanukurian Assistant Professor CSE,at NAL-CSIR-4PI HEAD Conference hall on 14th Feb, 2018.