

**A REPORT ON MOTIVATIONAL VISIT TO VARIOUS EDUCATIONAL
INSTITUTIONS AT BANGALORE AS A PART OF WALK WITH A SCHOLAR
PROGRAMME**

Walk With a Scholar (WWS) scheme is framed to provide specialized mentoring programmes for under graduate students in Arts, Science and Commerce with an aim to shape their future career. On the basis of a proposal submitted to Higher Education, Govt of Kerala, Mahatma Gandhi College was selected for a motivational visit with the second year WWS mentees to various Educational institutions at Bangalore. The motivational visit started on 22nd March 2017. We boarded the Kochuveli express at 4.45 PM and we reached Bangalore at around 9.30AM the next day.

DAY 1: 23/3/2017

Our motivational visit began with a prestigious educational institute, **Indian Institute of Management, Bangalore (IIMB)**. A 100-acre oasis in south Bengaluru, the Indian Institute of Management Bangalore (IIMB), with its all-stone architecture designed by Mr VV Joshi, lush verdant woods and landscaped gardens, provides an idyllic environment to engage in management studies, academics and learning. It was established way back in 1973 constituting of highly accomplished faculty, world-class infrastructure and motivated student body to emerge as one of the premier institutes for management education and research.

We came to know about the various programs conducted at IIM from Mr B Subbana. The post graduate programmes of the Institute comprise the Fellow Programme in Management (FPM), the Post Graduate Programme in Public Policy and Management (PGPPM); the one year full-time Executive Post Graduate Programme in Management (EPGP), the Post Graduate Programme in Enterprise Management (PGPEM) and the Post Graduate Programme in Management. Also students have 100% probability of getting placed in renowned companies after the completion of these courses. Inorder to secure an admission at IIMB, students had to velar the CAT exam

with good score, followed by an interview at the campus, essay writing and group discussion.

The most interesting part of IIM visit was that we could visit various multimedia supported class rooms and auditorium. We were amazed at the beautiful gardens with Central Pergolas, Sunflower gardens, Open air auditorium etc.



IIM Bangalore

The students were all motivated and wished to have a coffee table discussion with the Director of the institute.

DAY 2: 24/3/17

On the second day, we visited the prestigious institute **Indian Institute of Science (IISc)**, Bangalore. The Department of Biochemistry at the Indian Institute of Science, Bangalore started in 1921. It has remained in the forefront of biochemical research in the country and has received recognition at various stages of its growth. The department was recognized as a Centre of Advanced study in Biochemistry in 1968 by the University Grants Commission.



IISc, Bangalore

Description of a few instruments in the Biochemistry lab:

Protein sequencer: The Protein Sequencing System (Applied Biosystems) sequentially cleaves N-terminal amino acids from protein/peptide chains and analyzes the amino acid residues.

UV- visible spectrophotometer: The instrument used in ultraviolet-visible spectroscopy is called a UV **spectrophotometer**. It measures the intensity of light passing through a sample, and compares it to the intensity of light before it passes through the sample. It works according to Beer- Lamberts Law.

Instruments like incubator, cell disruptor, liquid scintillation counter, centrifuge, nanodrop spectrophotometer with peltier, gel dock were also shown and explained to us.

The students could gain inspiration for doing research and also they could understand more about the lab rules and safety. They could also see the papers published by the department for this academic year.

Day 2: 24/3/17 Afternoon

Hindustan Aeronautics Limited (HAL) Heritage and Aerospace Museum

On Friday at 12:30 pm, we visited HAL museum (Hindustan Aeronautics Limited). **Hindustan Aeronautics Limited** is an Indian state-owned aerospace and defence company based in Bangalore, Karnataka. It is governed under the management of the Indian Ministry of Defence. It was founded on 1940.

There are two major halls, one displaying the photographs that chart the growth of aviation in each decade from 1940 till date. The second hall displays motorized cross section of models of aero engines, highlighting various functions of the engines. There was also a movie show of HAL and its functioning for 20 minutes which was very interesting for the students. Transport of aircraft, making of fighter aircraft and helicopters are the main functions at HAL. It is currently involved in the design, fabrication

and assembly of aircrafts, jets engines, helicopters and their spare parts. Sir T Suvarna Raju is the present chairman of HAL.



Day 3: 25/3/17: Lalbagh and Viswesvarayya Industrial and Technological Museum

In the morning we visited **Lalbagh** botanical garden. We had a great time enjoying the beauty of nature and was spellbound by the beauty of Lotus pond, Cacti, Glass house and Bonsai Park.

Next we went to Viswesvarayya Industrial and Technological Museum. There was an exciting dinosaur enclave which led us to the various scientific and engineering equipments. There was a documentary on machines 'mechanical principles' by Ralph Steiner. We understood the mechanisms of levers, gears, combinations of them like lazy tongs, Quick return, CAM. We could grasp the principle of the working of lock and key, Zip, weighing machine, ball pen, clock, car engine etc. Machines like Cochran broiler, toppler machine, impulse turbine etc were seen. Fun science section was the most interesting where our everyday science was explicitly explained. It was fun altogether.



The trip came to end when we boarded the train from Bangalore at 5.00 PM on 25/3/17. The trip gave the students an excellent opportunity to visit the prestigious institutions of India and as the name indicates it was really a motivational visit!

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