



DEPARTMENT OF CIVIL ENGINEERING

A BRIEF REPORT ON INDUSTRIAL VISIT

TO

**Thoraikadanahalli (T.K Halli), Mandya Dist.
Karnataka 571421**

New Horizon College of Engineering, Department of Civil Engineering had organized an industrial visit for third year students of Civil Engineering on 6th March 2019 and 13th March 2019 to BWSSB Water Purification Plant at TK Halli. Malavalli Taluk. Mandya. It was a 550 MLD unit with 5 zonal operations supplying water to Bengaluru. Around 42 students were accompanied by a faculty member. Dr. Geetha Varma , Mr. Yogesh K S. and Ms Swetti

The technical persons of the unit addressed the student, the plant in-charge briefed the students on plant's history and highlighted that it is Asia's biggest water purification plant with 5 stages of purification and pumping along with conventional and latest technology as its unique and exclusive mode. It is spread across 25 acres with just 52 employees to handle the entire plant.

Enlightening the students about the importance of optimistic operational techniques by quoting that," Out of 5 zonal operations, there is a record of 0% wastewater treatment." thus becoming a key Learning for Civil Engineering graduating students.

During the visit, students learnt:

- To identify the level of impurities in water.
- About formation of layout of the plant.
- To identify the level of Chlorine (CL₂) in the portable water.
- About technology adoption (Pulsification and DAF) for better water treatment.
- The complete practical application of treatment techniques relating the theoretical portion of their curriculum.

The visit provided an opportunity to students to get an exposure of industry situations and practical experience which facilitated them to enhance their skills and industry understanding. Overall, the visit was very fruitful.



Students of 6th A section on 6th March 2019 @ TK Halli