

MARATHAWADA INSTITUTE OF TECHNOLOGY, AURANGABAD

CIVIL ENGINEERING DEPARTMENT

Expert Talk on

“Concept of Water Supply Project”

Expert Talk on Concept of Water Supply Project in Rural and Urban Area by Er. R. V. Mhaisekar was arranged for Final Year Students on 19 August 2019 (10am to 12 pm)

Er. R. V. Mhaisekar discussed about water supply project. He highlighted on the stages in water supply scheme in Aurangabad. Location of the reservoir intake. Methods for the population forecasting, design period. In order to fulfil the water demand of the continuously growing population, it is essential to provide the sufficient and uniform quantity of water through the designed network of pipes. The general features of the area like information about the main water source, population of the area, demand of water, requirement of the pumps, distribution network and water tanks are essential for efficient design of water distribution system. Infrastructure for the collection, transmission, treatment, storage, distribution of water for homes, commercial establishments, industry, and irrigation, as well as for such public needs as fire fighting and street flushing. Water supply systems must also meet requirements for public, commercial, and industrial activities. In all cases, the water must fulfil both quality and quantity requirements. The water pressure to be apply while supply of water, and its damages to water pipe if not maintain the water pressure. The wastages due to improper water pressure.

The contamination of water while supply of water. The build operation cost of water supply scheme. He also discussed about the Public Private Partnership; it is based upon the revenue collected by billing.



HOD sir felicitating Expert



Expert during talk