

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

Report on
Industrial Visit to Ready Mix Concrete Plant, Tar Plant at Piler & Bahuda Dam at Nimmanapalle
Organized by Dept. of Civil Engineering- MITS
09 September 2017



Submitted by: Mr. Amaranatha Reddy N, Assistant Professor, Mr. A. C. Sanjay Kumar, Teaching Assistant, Department of Civil Engineering

Industrial Visit Information:

Students along with faculty members reached Ready Mix Concrete Plant, Tar Plant at Piler around 10.30AM. Both the Ready Mix Concrete Plant, and Tar Plant are located at Piler in the same locality. Dr. N. Krishna Murthy, AEE, Irrigation Department, explained about the concepts of Concrete mixing at the site and at the plant. He explained about the storage of cement in silos. The mixing of coarse aggregate, fine aggregate proportions were discussed. He focused on the importance of design mix of concrete. Students were made aware of the automation process in concrete mixing.

After visiting the Ready Mix Concrete Plant, the students were taken to Tar Plant. Dr. N. Krishna Murthy, AEE, Irrigation Department, described about the importance of tar during the construction of roads. The raw materials used at the time of producing tar were explained. The produced tar at the particular site is used in and around Piler during construction of roads.

After the visit of both plants, the students had lunch at Piler around 12.30PM. After finishing lunch the students were taken to Bahuda Dam at Nimmanapalle. During the visit, the students were made to get thorough knowledge on the constructional features and working of a dam with better visualization of practical aspects. The visit was more interactive with effective learning and the students were made to understand the theoretical concepts involved in a dam design. The industrial visit finished at 4.00 PM and students returned to Angallu.