



**DEPARTMENT OF CIVIL ENGINEERING  
ACADEMIC YEAR 2018-2019 (EVEN SEMESTER)  
Industrial visit to Tamil Nadu Cement Factory (TANCEM), Ariyalur - REPORT**

**Date: 13<sup>th</sup> FEB 2019**

**Time: 10:00 – 04:30pm**

**Background & Objective**

Department of civil Engineering has organised a one day Industrial visit to Tamil Nadu Cement Factory (TANCEM), Ariyalur for 2<sup>nd</sup> year students as per the curriculum of 2017 Regulations. Mr.S.Kamaraj AP/Civil organised the visit and Mr.K.Ranjith AP/Civil and Ms.V.Ishwarya AP/Civil accompanied the industrial visit. Cement is a major component in Civil Engineering field. Every Civil Engineering students should know about the manufacturing and production process of cement. Hence we have chosen this place for industrial visit.

**About the Visit**

The Industrial Visit was planned on 13.02.2019 and management arranged for transportation through our college bus. The visit started from our college at 10:00 Am and reached the Tamil Nadu Cement Factory (TANCEM), Ariyalur by 01:00 Pm. The students were given explanation about the manufacturing process of cement. Then working process of each unit was shown.

**Manufacturing Process**



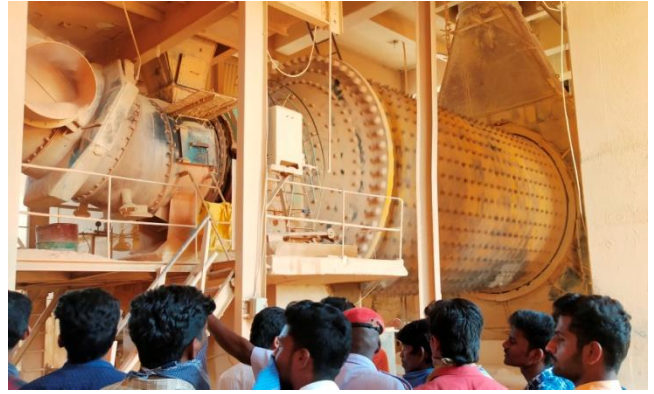
**1.RAW MATERIALS COLLECTION**



**2.RAW MATERIALS CRUSHING UNIT**



**3. RAW MATERIALS STORAGE**



**4. RAW MATERIALS FINE GRINDING**



**5. HEATING PROCESS- ROTATRY KILN**



**6. COOLING UNIT**



**7. LOADING PROCESS**



**8. END OF VISIT**

### **Outcome**

The Industrial visit was very useful to the students, since the manufacturing and production process were clearly shown during the visit. Around 40 students of 2<sup>nd</sup> year Civil Engineering and 3 Staff members were benefited through this Industrial visit.

**STAFF INCHARGE**

**HOD/CIVIL**

**PRINCIPAL**