

Department of Mechanical Engineering

ACTIVITY NAME: INDUSTRIAL VISIT

Title	Industrial Visit
Date	24-09-2018 To 03-10-2018
Name of Industry	PCMC Water Treatment Plant- Pumping Station
Name of Faculty Coordinator	Prof. P.B Salunkhe, Mr.K.T.Pawale
Venue	PCMC Water Treatment Plant- Pumping Station, Nigadi Pune
Objectives	The visit was carried out under subject of Turbo machines to understand the working of pumps & Pumping station, water purification process and getting familiar with industry environment
Description	This was conducted especially for the students of 3rd year Mechanical Engineering in order to get practical exposure and to let them having overview activities related to Hydro Electric Power Generation Station. Varasgaondam is built on the Mose River which supply water to Pune city, Maharashtra, India. It is also called Veer BaajiPasalkar Dam . It is one of the three major dams which provide water to Pune city. It is located around 50 km from Pune city. The Panshet dam is adjacent to Varasgaon dam.
Outcome	This visit cleared various concepts related to Centrifugal pumps such as, Priming, NPSH, Minimum starting speed, Cavitation. This visit also covered the pumping system design used for purification process and supply circuit for PCMC.
CO/PO/PSO Mapping	CO2, CO4, PO1, PO2, PO4, PO6, PO7
No. of Students Benefited	TE-149

Glimpse of the Training

