

## Activity Report

<b>School</b>	School of Engineering Aadishwar College of Technology – Venus		
<b>Department</b>	Civil and Electrical		
<b>Activity Type</b>	Industrial Visit		
<b>Date</b>	14/09/2018	<b>Duration</b>	1 Day
<b>Semester</b>	5 <sup>th</sup> and 7 <sup>th</sup>	<b>No. of Students</b>	52
<b>Expert Name with Designation</b>	Somabhai Tadvi (Guide)		
<b>Name of Organization</b>	SSNNL – Sardar Sarovar Narmada Nigam Limited		
<b>Expert contact details</b>	Not Applicable		
<b>Faculty Coordinator</b>	Prof. Hitesh Makad		
<b>Faculty contact details</b>	+91-9512117080		
<b>Sponsoring authority</b>	NA	<b>Sponsorship amount:</b>	NA

**Activity Details:** Industrial Visit at Sardar Sarovar Narmada Nigam Limited (SSNNL), Kevadia colony – Dam Site and Hydro Power Plant.

### About the field:

The Sardar Sarovar Dam is a gravity dam on the Narmada river near Navagam, Gujarat, India. It is the largest dam and part of the Narmada Valley Project, a large hydraulic engineering project. The foundation stone laid by Shri Jawaharlal Nehru in 1961.

The Statue of Unity is a monument under construction dedicated to Indian independence movement the leader Vallabhbhai Patel, located facing the Narmada Dam with a planned height of 182 meters (597 ft.). This statue will occupy over 20,000 square meters, and will be surrounded by a 12 square km artificial lake. It will be the world's tallest statue when completed; now it's completed around 80%.

### Outcome (Benefits to students, faculties, school and university):

1. Students of Civil Branch Learnt about the Construction of DAM, Tunnel, and Canal in Details.
2. Students of EE Branch Learnt in Details about Turbine, Generator, Power Transformer, and Power Transmission to Three States in Detail at RBPH and at CHPH – Both Near Turbine and in Control Room.
3. Learnt about the project, i.e. how stored water at Dam is used for Generation of Power and Irrigation and both ways it is helpful to all three States i.e. Gujarat, Maharashtra and Madhya Pradesh.
4. They also came to know about the total construction cost with quantity of material.

**PHOTO**



**(Statue of Unity)**



**(Dam)**



**(Group Snap)**