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Field Visit to Kirloskar Water Pumping Station Site (KW PSS) **31st January & 7th February, 2015**

Field visits were organized for about 130 students and faculty members on 31st January and 7th February 2015 to Kirloskar Water Pumping Station Site (KW PSS), which is Asia's largest pumping station for lift irrigation. This pumping station was originally commissioned by Kirloskar Brothers Ltd. and now owned by Sardar Sarovar Nigam Ltd at Surendranagar. Presently, this pumping station is operated and maintained by Gujarat State Electricity Corporation Ltd.

KW PSS have two type of pumps, namely, concrete volute pumps and vertical turbine pumps. There are 10 concrete volute pumps and 6 vertical turbine pumps installed on the site. Each concrete volute pump and vertical turbine pump has a capacity of 20 cumecs and 5 cumecs respectively. This pumping station, which is controlled by the state-of-the-art controlling modules of Supervisory Control & Data Acquisition (SCADA), provides irrigation facility to Saurashtra region in Gujarat.

First, students got the opportunity to look around the Kirloskar Water Pumping Station. Thereafter, a presentation by group of Site Engineers and Supervisors was held showing detailed description of Kirloskar Water Pumping Station and its vision.

From Kirloskar Water Pumping Station Site, the group reached at factory of Kirloskar Brothers Ltd., Sanand that is on the way back to Ahmedabad from Surendranagar. Kirloskar Brothers Ltd is globally known as a reliable, innovative and cost effective solution provider in hydraulic machines and systems. They have a vision to be amongst the first five pump companies in the world and become the preferred choice of customers. Students have witnessed the real time assembly line of submersible pumps.

