

SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY DEPARTMENT OF CIVIL ENGINEERING

A site visit was organized on “Water Resources Management” on 29th August, 2018 at State Water Data Center & Sant Sarovar Dam, Gandhinagar. Asst. Prof. Vidhi Bhavsar , Asst. Prof. Vishal Thakkar, Asst. Prof. Kalimuddin Vohra and Asst. Prof. Nikhil Tolwani from Civil Department have attended the visit with 120 students of 5th semester, SOCET.

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| Subject | : | Water Resources Management (Hydrology, Irrigation Engineering) |
| Date | : | 29-08-2018 |
| Day | : | Wednesday |
| Timings | : | 9:30 a.m. to 2:30 p.m. |
| Nos. of faculties | : | 4 faculties (Asst. Prof. Vidhi Bhavsar , Asst. Prof. Vishal Thakkar, Asst. Prof. Kalimuddin Vohra, Asst. Prof. Nikhil Tolwani) |
| Nos. of Students | : | 120 students of 5 th semester (Div: A, B, C) |
| Session Conducted by | : | Mr. Mukesh Raval, Engineer, W.R.I. Sub Division No. 1, Ahmedabad |
| Site Visit location | : | State Water Data Center, Sector- 8, Gandhinagar Sant Sarovar Dam, near Indroda Village, Gandhinagar |

Introduction of site:

State Water Data Center is the government authorized body situated at Sector-8, Gandhinagar. The center is basically formed to collect, analyze and validate the surface and subsurface water data of Gujrat state specifically. Two departments- surface water and ground water are working with each other with great co-ordination. Santsarovar dam is constructed on Sabarmati River near Indroda village in Gandhinagar. The project is implemented before a year successfully by the Government of India.

Session:

Water is the elixir of life. By design it is perfect - The most essential element of life. The element in which, life began and without which, life is impossible. But unfortunately it is not always available everywhere. It is this reason why sustained & reliable irrigation facilities are imminently a part of infrastructure development. As water is becoming scarce commodity, its preservation and conservation has become the most important aspect in relation to the water resources development planning. This is the main aim of forming this site visit.

Mr. Mukesh Raval has conducted the session which was divided into two parts- field visit at weather station ofg SWDC and Sant sarovar dam. Session has started at SWDC recording site where main three technical attractions were there- weather station, river gauge and rain gauge instruments. Mukesh sir has given amazing information regarding operation and maintenance of all the instruments manually as well as mechanically. After that, Sant sarovar dam is visited. The

executive engineer of the dam site has shared the history of water resources in Gujarat and its development. It was an informative dam visit on project development, its successful implementation and ongoing operation in critical situation. Students had an opportunity to revise their theoretical knowledge with practical approach. The officers working at the centers were too enthusiastic and co-operative. It was a whole day “Water trip” at Gandhinagar. This learning experience will be too useful for our institute’s final year students for UDP and IDP. By this visit, Civil Department is giving open platform to their students and faculties for research work on water resource management.

PHOTOGRAPHS OF SITE VISIT



