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Report on

Visit to “Gujarat Engineering Research Institute (GERI), Vadodara”

Department of Civil Engineering, GCET had organized one day Industrial/Educational visit to “Gujarat Engineering Research Institute (GERI), Vadodara”. 59 students and 2 faculty member had visited the GERI.

About Gujarat Engineering Research Institute (GERI):

Gujarat Engineering Research Institute (GERI) is one of the leading state research institutes in the country. It had the distinction of being adjudged as one of the best research stations in the country, by Central Board of Irrigation and Power (CBIP) in the year 1989. The institute aims at providing research and development inputs to the activities of Gujarat State in the fields of Water Resources and Roads and Buildings. The activities of the institute are centered around investigation and testing of Construction Materials, Research and Development, consultancy and training in various areas of Material Testing, Soil Mechanics, Geo-mechanics, Engineering Geology, Hydraulic Model Study, Sedimentation Survey, Road Research Study. The institute extends its activities to both Government and Public/Private sector bodies.

The main institute is located on a 9 hector plot at Race Course in Vadodara city. The other campus is on a 60 hector plot at Gotri in Vadodara city. In addition to this the institute has three regional divisions at Surat, Gandhinagar and Rajkot. Under each regional division district laboratories are set up. Besides there are four regional divisions of Soil, Drainage and Reclamation at Vadodara, Surat, Ahmedabad and Rajkot.

Aim of Visit:

The main aim of visit is to make students aware about the practical consideration and importance & needs of physical study of hydraulic model.

The visit was organized on September 21st, 2017. Various hydraulic models such as Santram Sarovar, Sardar Sarovar, Balloon barrage on Tapi river, Ukai dam at Tapi river etc. were seen. Each model was explained in detail by Khan Sir, a technical person and research scientist form GERI. The explanation gave very good idea about the importance and needs of physical model study in field. It has cleared the whole idea about how the problem of real field structures was carried out.