



A Report on

Technical Visit at Kakrapar Weir & Canal Network

Civil Engineering Department of SNPIT&RC had organized a visit of “Kakrapar Weir” at Kakrapar, Taluka-Mandvi, Dist-Surat for the students of 7th semester under the subject of Irrigation Engineering (2170609). Total 132 students have visited the site under the guidance of Prof. Bankim Joshi, Prof. Abhishek Sapre, Prof.Nikunj Ashiyani & Prof.Richa Patel and Superintending Officer Mr.Rajendrasinh D.Vaghela, who have explained about different structures like Head Regulators, Cross Regulators & Escape at the Weir.

The main objective of this visit was to enhance the practical and field knowledge, and to correlate the theoretical concepts with real time problems and solutions. Irrigation Engineering is a main or important branch of Civil Engineering which deals with planning, designing, construction, operation & maintenance of various irrigation works.

Kakrapar weir and canal network has many hydraulics structures such as weir, regulators, (Cross regulator and Head Regulator), Aqueduct, feeder canal, main canal gate (Rataniya Regulator) at Rataniya village.





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Kakrapar Weir



Main Canal



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Head Regulator



Aqueduct



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Canal Escape



Cross Regulator Site (Bhamaiya Village)