GOVT. POLYTECHNIC COLLEGE, BUDGAM (J&K)

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INDUSTRIAL VISIT TO POWER PROJECT

Upper Sindh Hydel Power Project Stage 2 in Ganderbal (J&K).

Kangan (Ganderbal) 8 Nov 23, Government Polytechnic College Budgam, arranged an Industrial Visit to Upper Sindh Hydel Power Project, Kangan-Ganderbal on 8 November 2023 for the students of 5th Semester of Mechanical and Civil Engineering. To bridge this gap and to impart knowledge of hydro power plants, the visit was organized. A total of 50 students alng with faculty members visited the plant. Dr. Shafquat Ara, principal GPC Budgam flagged off the students around 9:30 am and said, "Industrial visit is a vital part of the curriculum. It helps to bridge the gap between classroom and the real working world". She also emphasized for industrial exposure of final year students, and said this visit has been arranged with the objective to provide real life exposure to final year students, about knowledge of Hydro Power Plant, its working and civil infrastructure.

Upper Sindh 2, dam has been constructed on Sindh Nallahand Wangath Nallah tributaries of Jhelum River. It is located 40 km from Srinagar. The catchment area of the dam is 927sq. km out of which 697sq. km lies in Sindh basin and the rest 230sq. km in Wangath basin. The tail waters of Upper Sindh 1 are diverted into Upper Sindh 2 for power generation in the project. This project utilizes the head of about 220m between Sumbal and Wangath. Upper Sindh 2 power house has 3 units of 35 MW each. JKPDC commissioned the project in 2000-2002.The plant is operational since June 2002.

During this session, students interacted with the Officer very effectively. The accompanying officers answered questions raised by the students. Particularly about the source of generating power and saving electricity. Many of the points explained theoretically in the session were explained again practically during plant visit. All the students expressed their thanks to the officials for the opportunity given. This trip was highly useful for the students in terms of practical knowledge about the hydro power generation.

33 Students from 5th Sem Diploma Civil Engineering

17 Students from 5th Sem Diploma Mech. Engineering