



Visit to Sewage Treatment Plant, Jhajjar

A visit to 2 nd Sewage Treatment Plant (5.0 MLD) , Jhajjar was arranged for the students of M.Sc, Nursing 1st year and GNM 1st year by the Department of Community Health Nursing, Faculty of Nursing, SGT University on 06.02.2019. The students were accompanied by two faculty members Mr Sunil Dular, Associate Professor and Ms Manisha ,Lecturer. The main purpose for this visit was to give the practical knowledge about the sewage treatment plant and the various methods of sewage treatment. Mr. Bhupinder, J.E., Public Health Engineering Department, oriented all the students to the entire sewage and water treatment plant . A step by step guide was provided to the students describing what happens at each stage of the sewage treatment plant and how various inorganic and organic contaminants are removed . The students were shown the collection, processing and disposal of sludge. These processes included screening, grit removal, aerobic and anaerobic digestion, thickening, blending etc. Through the visit, students got an in-depth knowledge of the various components of the treatment plant. They also became familiar with the working principle and functions of various units of treatment plant such as screens, grit chamber, primary clarifier, aeration tank, secondary clarifier, sludge digester, etc. During the plant visit, students also learnt about daily monitoring of treated water by various chemical analysis of BOD, COD etc. The visit was very helpful for the students to get the practical knowledge regarding the functioning and process of sewage treatment plant.



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Gurugram, Delhi-NCR
Budhera, Gurugram-Badli Road, Gurugram (Haryana) – 122505 Ph. : 0124-2278183, 2278184, 2278185





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