

Report on Technical Visit 145 MLD STP (Sewage Treatment Plant) JalalPur, Gwalior

Department of Civil Engineering conducted a technical visit to Sewage Treatment Plant, Jalalpur, on **Feb 28, 2023**. This visit is beneficial for civil engineering students. Twenty students of third year and second year along with faculty member have visited the **145 MLD STP** and explore their practical knowledge. The students visit in the Sewage Treatment Plant how manure is prepared from solid waste and how Sewage water is used for irrigation purpose.-

The objectives of this visit were -

- To Aware about the problems associated with Municipal solid waste (MSW) and their effective management.
- To understand the components of Integrated solid waste management system.
- To learn about recycling, reuse and reduce, recover of solid wastes and Transfer station.
- To examine the operation of a resource recovery facility, waste-to-energy strategies.
- To study the design and operation of a municipal solid waste composting and land-filling

Main outcomes of this visit are -

- Review the components of solid waste management system as per need of particular locality, town or city.
- Be aware of the significance of recycling, reuse and reduction and recovery of solid wastes.
- Develop an insight into the collection, transfer, and transport of municipal solid waste.
- Understand the importance and operation of resource recovery facilities like waste-to-energy Technologies-Biochemical and thermo chemical.
- Understand the design and operation of a municipal solid waste composting and land filling.

Thanks & Regards
Dr. B.P.Mudgal













