

SYLLABUS :-

Waste water- Sources, nature and characteristics, Estimation of waste water flow rate and fluctuations, Estimation of storm water, Combined and separate sewerage systems -merits, Design, Sewer materials, Sewer appurtenances, Construction and maintenance of sewers and pumping of sewage, Analysis of waste water-determination of BOD, COD, Solids and volatile solids and their significance, BOD progression and its formulations, Design of waste water treatment systems-Primary, secondary and tertiary treatments, screens, grit chambers, sedimentation tanks, chemical precipitation, Biological treatment-objectives, methods and design of activated sludge and trickling filter units, Sewage sludge-its treatment, disposal and reuse, Effluent standards and disposal