



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING (Autonomous)

Approved by AICTE & Affiliated to Andhra University, Visakhapatnam from 2022-23

(Affiliated to JNTUK, Kakinada upto 2021-22)

Re-accredited by NAAC twice with 'A' Grade with a CGPA of 3.47/4.00

Madhurawada, Visakhapatnam - 530048

Department of Civil Engineering

B.Tech VII Semester, 2024-25

Water Supply Systems (20CE11P4), OPEN ELECTIVE

Assignment- II

Last date of Submission: 25/09/2024, 5 PM

1. Write short notes on black water. How would you treat it?
2. Explain about the Sewage irrigation.
3. Discuss the layouts of distribution system with neat sketches along with advantages and disadvantages.
4. Illustrate with diagram about valves used in distribution system.
5. Explain the effluent standards required for disposal of industrial effluents in water bodies.
6. What are the various characteristics of waste water generated from industries?