



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- I

Last date of Submission: 07/08/2024, 5 PM

1. Explain the significance of dilution of wastewater.
2. What is meant by Recreation? Explain role of water in Recreation.
3. Calculate the fire demand for a city which has a population of 2,00,000 using all empirical formula.
4. Describe ground water sources for the water supply with neat sketches.
5. Explain about recharging of aquifers.
6. Explain the role of Reverse Osmosis in desalination process.