CE325 Environmental Engineering Lab. (0L-0T-2P: 2Cr, 4Hr)

List of Experiments:

1. Solid Analysis
2. pH
3. Alkalinity
4. Turbidity
5. Conductivity measurements
6. Estimation of Hardness
7. Dissolved Oxygen
8. BOD
9. COD
10. Plate Counts and MPN test
11. Estimation of Fluoride using colorimetric methods
12. Estimation of Copper using colorimetric methods

Course Outcome

On successful completion of the course students will be able to

			High	Medium	Low
CO1	:	Practical Skills: Gain hands-on experience in environmental engineering experiments, data collection, and analysis using laboratory equipment and techniques.	PO2	PO11	PO8
CO2	:	Apply theoretical concepts to real-world environmental engineering scenarios through experiment design, data interpretation, and solution development	PO1	PO9	PO12
CO3	:	Develop effective communication and teamwork skills through collaborative laboratory work, data reporting, and teamwork with peers.	PO10	PO11	PO8

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