

**SEMINAR REPORT**  
**ON**  
**WASTEWATER TREATMENT**

Submitted By:

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**DEPARTMENT OF CHEMICAL ENGINEERING**

**LONERE, RAIGAD**

**Year: 2024 - 2025**



**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY**

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**CERTIFICATE**

This is to certify that the report entitled

**WASTEWATER TREATMENT**

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It is a bonafide work of student of final year Diploma in Chemical Engineering submitted in partial fulfilment for the award of Diploma in Chemical Engineering as prescribed by Dr. Babasaheb Ambedkar Technological University's, Diploma Wing, Lonere during the academic year 2024 - 2025.

**Prof. Ekant.D.Gunjawate**  
(seminar coordinator )

**prof.Y.Y.Karkare**  
( Head Of Department )

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## **ACKNOWLEDEMENT**

It is indeed of matter of great pleasure and privilege to able to Present this Seminar on “WASTE WATER TREATMENT” Under the valuable guidance of prof. Ekant. D. Gunjawate thanks for her Valuable guidance, advice and constant aspiration to my work,

I have made this report file on the topic WASTE WATER TREATMENT; I have tried my best to elucidate all the relevant details to the topic to be included in the report. While in the beginning I have tried to give a general view about this topic. My efforts and wholehearted co-operation of each and every one has ended on a successful note. I express my sincere gratitude to prof. Ekant . D . Gunjawate, who assisting me throughout the preparation of this topic .I thank her for providing me the reinforcement confidence and most importantly the track for the topic whenever I needed it.

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Thank You!

**Mr. Khurd Raj Mahendra**

## ABSTRACT

Now a days many water resources are polluted by anthropogenic sources including household and agricultural waste and industrial processes. Public concern over the environmental impact of wastewater pollution has increased. several conventional wastewater treatment techniques, i.e. Chemical coagulation, adsorption, activated sludge, have been applied to remove the pollution, however there are still some limitations, especially that of high operation costs. Waste water treatment can be defined as a process of removing organic and inorganic matter from the wastewater to make it suitable to be discharged back to the environment. Rainwater entering drains and industrial wastes also appear to fit under this category.

The motivation for treatment of waste water are manifold. Treatment and re-use of waste water conserves the supply of fresh water and this represents clear advantages with respect to environmental pollution. So the main aim of this project is to plan, Design a waste water treatment plant .

**KEY WORDS:** Water resources, Pollution, Wastewater treatment techniques, Waste water treatment plant, Design..

## INDEX

Serial No	Contents	Page no
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		