

**VISVESVARAYA TECHNOLOGICAL  
UNIVERSITY, BELAGAVI- 590 018**



**MICRO PROJECT REPORT**

**ON**

**“CREATING MINI WASTEWATER TREATMENT PLANTS”**

**Submitted By,**

4AL19CV044	M KIRANA KUMARA
4AL19CV045	SAGAR K G
4AL20CV400	CHETHAN M N
4AL20CV401	HARISH
4AL20CV402	HARISH P N

**Under the Guidance of**

**Ms. KAVYASHREE S**

**Assistant Professor**



**DEPARTMENT OF CIVIL ENGINEERING  
ALVA'S INSTITUTE OF ENGINEERING AND  
TECHNOLOGYMOODBIDRI-574225, KARNATAKA**

**2020-2021**

# ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MIJAR, MOODBIDRI D.K. -574225

KARNATAKA



## DEPARTMENT OF CIVIL ENGINEERING

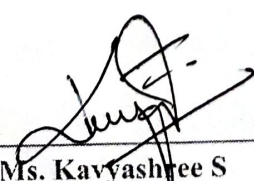
### CERTIFICATE

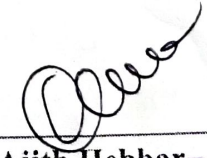
This is to certify that the Micro-Project entitled "CREATING MINI WASTEWATER TREATMENT PLANTS has been Successfully Completed

By

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The bonafide students of Department of Civil Engineering, Alva's Institute of Engineering and Technology, affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI, during the academic year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Micro-Project work prescribed for Bachelor of Engineering.

  
Ms. Kavyashree S  
Mini Project Guide

  
Dr. H Ajith Hebbar  
H.O.D.  
HOD  
Dept. of Civil Engineering  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225

## **Abstract**

Similar to the Earth's natural water cycle—composed mainly of the evaporation, condensation and precipitation processes—urban water goes through its own water cycle. Water is withdrawn from surface and groundwater sources and sent to water treatment plants. After purification, the water is distributed to homes, businesses and schools. Then, no longer clean, it flows to centralized wastewater treatment plants. At these plants, contaminants and pollutants are removed from the water before discharging the now-clean water into the environment—where it may be collected by another water treatment plant downstream to serve as another community's drinking water supply. In this cyclical process, all water is reclaimed water.