

**VISVESVARAYA TECHNOLOGICAL  
UNIVERSITY**

**JNANA SANGAMA CAMPUS, BELGAVI-590018**



**A PROJECT REPORT**

**On**

**“A LOW-COST ALTERNATIVE FOR RECYCLING  
AND COMPOSTING OF WET WASTE”**

**Submitted by**

<b>AKSHAY P K</b>	<b>4AL16CV004</b>
<b>BHAGYASHREE A</b>	<b>4AL16CV016</b>
<b>BHOOMIKA T C</b>	<b>4AL16CV019</b>
<b>GURURAJ H</b>	<b>4AL16CV032</b>

**In partial fulfillment of the requirements for the degree of  
BACHELOR OF ENGINEERING**

**In**

**CIVIL ENGINEERING**

**Under the Guidance of**

**Mrs. SWATHI**

**Assistant Professor**



**ALVA'S**  
Education Foundation

**DEPARTMENT OF CIVIL ENGINEERING**

**ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**Moodbidri-574225, Karnataka**

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# ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MIJAR MOODBIDRI D.K. -574225  
KARNATAKA.



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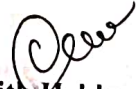
## DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE


Certified that the project work entitled "A LOW-COST ALTERNATIVE FOR RECYCLING AND COMPOSTING OF WET WASTE" is a bonafide work carried out by

AKSHAY P K	4AL16CV004
BHAGYASHREE A	4AL16CV016
BHOOMIKA T C	4AL16CV019
GURURAJ H	4AL16CV032

Are bonafide students of Department of Civil Engineering of Alva's Institute of Engineering and Technology in partial fulfillment for the award of BACHELOR OF ENGINEERING in CIVIL ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2016-2017. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

  
Swathi  
Project Guide

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

  
Dr. Peter Fernandes  
Principal  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225, DK

Name of the Examiners

Signature with Date

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## ABSTRACT

Waste management is one of the global environmental problem in today's world. There is an increase in commercial, residential and infrastructure development due to the population growth and this has negative impact on the environment. The main objective of our study is to increase reuse and recycling rates of products, convert waste which is produced from houses, surroundings, institute etc. into organic fertilizers, it ensures the protection of environment, health and wellbeing of people by taking proper measures.

We reviewed the studies on the composting process of organic household wastes which is easily bio degradable which are produced from sources such as kitchen waste, market waste, agricultural waste etc. without proper management, these wastes could create several problems. Therefore, composting is the best low-cost alternative solution to overcome these problems. Composting method can degrade all type of organic waste that could be used as nutrients for crops, soil, and environmental management.