# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA CAMPUS, BELGAVI-590010

## PROJECT REPORT ON

## "GENERATION OF ELECTRICITY USING MUNICIPAL SOLID WASTE"

**Submitted by**


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| **Mr. ROSHAN KAMATH** | **4AL16CV075** |
| **Mr. MANOJ V** | **4AL16CV047** |


**In partial fulfillment of the requirements for the degree of**

**BACHELOR OF ENGINEERING**

**In**

**CIVIL ENGINEERING**

**Under the Guidance of**

**Mrs. VEENA D SAVANTH**

**Assistant professor**

**Department of Civil Engineering**



**Department of Civil Engineering**

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

**MOODBIDRI-574225, KARNATAKA**


**2020 – 2021**

**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 **"GENERATION OF ELECTRICITY USING MUNICIPAL SOLID WASTE"** is a bonafide work carried out by

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# ABSTRACT

The increased population and the improved lifestyle of people around the globe are resulting in over exploitation of resources. The waste collection and the ability to reuse and recycle is the main objective of this project. In the present study an attempt has been made to identify the amount of waste produced and their collections from the sites to the landfills, the process of segregation of wastes, and it is suggested that combustion of these wastes is the best method for the generation of electricity. This method can be implemented in small villages where there is a scarcity of electricity or laying electrical lines are difficult.

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## DECLARATION

We,

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| SUNILKUMAR KADEMANI | 4AL16CV092 |
| MOSHIN I BIJAPUR | 4AL17CV042 |

Hereby declared that the dissertation entitled **"GENERATION OF ELECTRICITY USING MUNCIPAL SOLID WASTE"** is completed and written by us under the supervision of our guide **Mrs. VEENA D SAVANTH,** Assistant Professor, Department Of Civil Engineering, Alva's Institute Of Engineering And Technology, Moodbidri, in partial fulfilment of requirement for the award of the degree **BACHELOR OF ENGINEERING** in **DEPARTMENT OF CIVIL ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the academic year **2020-2021.** Dissertation report is original and it has been not submitted for any other degree in any university.

**SUNILKUMAR KADEMANI**

**MOSHIN I BIJAPUR**

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The increased population and the improved lifestyle of people around the globe are resulting in over exploitation of resources. The waste collection and the ability to reuse and recycle is the main objective of this project. In the present study an attempt has been made to identify the amount of waste produced and their collections from the sites to the landfills, the process of segregation of wastes, and it is suggested that combustion of these wastes is the best method for the generation of electricity. This method can be implemented in small villages where there is a scarcity of electricity or laying electrical lines are difficult.