

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**"Jnana Sangama" Belagavi – 590 010**



**PROJECT REPORT ON**

**“LABORATORY INVESTIGATION ON MUNICIPAL INCINERATOR WASTE AS  
A FILLER MATERIAL IN DENSE BITUMINOUS MIX FOR ROAD  
CONSTRUCTION”**

**Submitted in partial fulfillment of the requirements for the award of degree of**

**BACHELOR OF ENGINEERING**

**IN**

**CIVIL ENGINEERING**

**Submitted By**

**MANGAL THOIBA IRENGBAM**

**4AL20CV008**

**PRAGATI T NAIK**

**4AL20CV015**

**SALAM MARIN SINGH**

**4AL20CV020**

**SHIVAKUMAR K N**

**4AL20CV023**

**Under the Guidance of**

**Prof. Shankargiri K S**

**Assistant Professor**

**Department of Civil Engineering**



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**DEPARTMENT OF CIVIL ENGINEERING  
ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY  
MOODBIDRI – 574 225.**

**2023-2024**

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

**MOOBBIDRI - 574 225**

**(Affiliated to VTU, BELAGAVI)**

**DEPARTMENT OF CIVIL ENGINEERING**

**CERTIFICATE**

Certified that the project work entitled  
"LABORATORY INVESTIGATION ON MUNICIPAL INCINERATOR WASTE AS A  
FILLER MATERIAL IN DENSE BITUMINOUS MIX FOR ROAD CONSTRUCTION"  
is Bonafide work carried out by

**MANGAL THOIBA IRENGBAM**

**4AL20CV008**

**PRAGATI T NAIK**

**4AL20CV015**

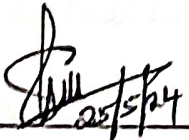
**SALAM MARIN SINGH**

**4AL20CV020**

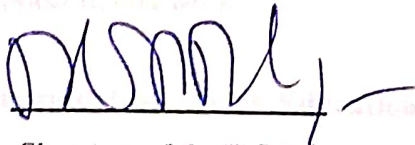
**SHIVAKUMAR K N**

**4AL20CV023**

In partial fulfillment for the award of BACHELOR OF ENGINEERING in **CIVIL ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2023-24. 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.



Signature of the Guide  
**Mr. Shankargiri K S**  
Assistant Professor



Signature of the H.O.D  
**Prof. Durgaprasad Ballga**



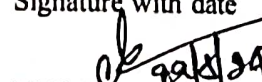

Signature of the Principal  
**Dr. Peter Fernandes**  
**PRINCIPAL**  
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**Mijar. MOOBBIDRI - 574 225, D.K**

**EXTERNAL VIVA**

Name of the Examiners

- 1... **Ms. Anusha B Rao**
- 2... **Dr. Ganesh Mogamul**

Signature with date

  
  
**29/5/24**