



**AKHIL BHARATIYA MARATHA SHIKSHAN PARISHAD'S  
ANANTRAO PAWAR COLLEGE OF ENGINEERING & RESEARCH**

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Approved by AICTE & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University  
**NAAC ACCREDITED**, DTE CODE :- EN 6794, AISHE CODE :- C-41484  
Savitribai Phule Pune University Identification No. PU/PN/Engg. / 441/2012,

## Department of Civil Engineering

### **CERTIFICATE**

This is to certify that the project report entitles

**"Use of Waste Engine Oil in Bitumen"**

Submitted by

**Pawar Rohan Dattatray  
Jadhav Ranjit Dada**

**Exam No: B1911000128  
Exam No: B1911000101**

is a bonafide student of this institute and the work has been carried out by him/her under the supervision of **PRO. A. B. S** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering** (Civil Engineering).

**(Prof. A. B. Shelar)**  
Assistant Professor  
CIVIL ENGINEERING

**(Dr. R. R. Sorate)**  
Head of Department  
CIVIL ENGINEERING

Name and Signature of External Examiner

Place: Pune

Date: 30/05/24



**(Dr. S. B. Thakare)**

Principal