

# **VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

JNANA SANGAMA, BELAGAVI- 590 018, KARNATAKA, INDIA.



## **PROJECT REPORT ON**

### **“ANALYSIS OF DIFFERENT SLOPE FAILURE ALONG THE ROAD SECTION OF SAKLESHPUR, KARNATAKA USING ROCK MASS CLASSIFICATION AND KINEMATIC ANALYSIS APPROACH”**

**Sponsored by Karnataka State Council for Science and Technology**

**Indian Institute of Science Campus, Bengaluru - 560012**

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

**BACHELOR OF ENGINEERING**

**IN**

**CIVIL ENGINEERING**

**Submitted by**

**Nongmaithem Borish Singh - 4AL20CV013**

**Priyanka Malagitti - 4AL20CV016**

**Rahul Leimapokpam - 4AL20CV017**

**Sadvini K P - 4AL20CV019**

**Under the Guidance of**

**Dr. H. G. UMESHCHANDRA**

**Associate Professor**



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**574 225**

**KARNATAKA, INDIA**

**AY 2023-24**



**ALVA'S INSTITUTE OF ENGINEERING TECHNOLOGY**

**MOODBIDRI-574 225**

**(Affiliated to VTU, BELAGAVI)**

**DEPARTMENT OF CIVIL ENGINEERING**

## **CERTIFICATE**

Certified that the project work entitled "ANALYSIS OF DIFFERENT SLOPE FAILURE ALONG THE ROAD SECTION OF SAKLESHPUR, KARNATAKA USING ROCK MASS CLASSIFICATION AND KINEMATIC ANALYSIS APPROACH" is a bonafide work carried out by

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in partial fulfilment for the award of Bachelor of Engineering in civil engineering of **Visvesvaraya Technological University**, Belagavi during the academic year 2023-2024, it is certified that all corrections and 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 requirement in respect of the project work prescribed for the said degree.

Signature of the Guide

**Dr. H G UMESHCHANDRA**

Signature of HOD

**Prof. B DURGAPRASAD  
BALIGA**

Signature of the Principal

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### **EXTERNAL VIVA**

Name of the Examiners

1. Ms. Anusha Rao

2. Dr. Ganesh Moganur

Signature with Date

29/5/24  
29/5/2024