VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANA SANGAMA CAMPUS, BELGAVI-590010



PROJECT REPORT ON

"EXPERIMENTAL INVESTIGATION ON INDEX AND ENGINEERING PROPERTIES OF MADIKERI GHATS SECTION OF SOIL"

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

In

CIVIL ENGINEERING

Under the Guidance of

Prof. SANTHOSH K

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CERTIFICATE

Certified that the project work entitled "EXPERIMENTAL INVESTIGATION ON INDEX AND ENGINEERING PROPERTIES OF MADIKERI GHATS SECTION OF SOIL" is a bonified work carried out by

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In partial fulfillment for the award of BACHELOR OF ENGINEERING in CIVIL ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2020-2021. It is certified that all correction / 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.

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Signature with Date

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ABSTRACT

For centuries human has tried to control nature for their advantages and to some extent, they have achieved in harnessing the Mother Nature. During the ancient times, humans had a little knowledge about the nature and it's functioning but as the time elapsed more innovative technologies developed population rate increased and the land became scarce, as a result human become greedy for their own needs a lot of disasters other than natural calamities began to strike-the manmade disasters.

The project mainly aims at studying the geotechnical aspects of a landslide occurred in Madekeri region, Karnataka. The study includes the primary investigations of the site, collection of soil samples, testing of samples and analysis of test results with scientific theories, mapping of the study area and finally proposing the remedial measures to mitigate landslide effect.