

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI – 590018**



**A Project Report on
“SOCIAL MEDIA BASED HATE SPEECH AND STRESS
IDENTIFICATION USING MACHINE LEARNING AND
NATURAL LANGUAGE PROCESSING”**

Submitted in partial fulfillment of the requirements of the Award of degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

Submitted By

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UNDER THE GUIDANCE OF

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**Department of Computer Science and Engineering
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NH-66, Kottara Chowki, Mangaluru – 575006, Karnataka, India

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CERTIFICATE

This is to certify that the Project entitled “SOCIAL MEDIA BASED HATE SPEECH AND STRESS IDENTIFICATION USING MACHINE LEARNING AND NATURAL LANGUAGE PROCESSING” is a bonafide work carried out by ASHWIN SHETTY(4JK20CS010), JEEVAN M(4JK20CS019), NISHAL S P KARKERA (4JK20CS031), RAHUL D SHETTY (4JK20CS038), of 8th semester Computer Science and Engineering in partial fulfillment for the award of the degree of **Bachelor of Engineering in Computer Science & Engineering** of the **Visvesvaraya Technological University, Belgavi** during the academic year 2023-2024. It is certified that all the suggestions and corrections indicated for the internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the requirements in respect of project work prescribed for the said degree.

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Mrs. Sharon C D'Souza

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Signature of HOD

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29/5/24
29/5/24