

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELAGAVI**



**A PROJECT REPORT ON
“AN APPROACH FOR DUAL SECURITY FOR
DATA TRANSMISSION USING IMAGE-VIDEO
SECRET WRITING TECHNIQUE”**

Submitted in partial fulfillment for the award of Degree of,

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE & ENGINEERING
By**

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**4AL17CS079
4AL17CS084**

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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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CERTIFICATE

This is to certify that the Project entitled "AN APPROACH FOR DUAL SECURITY FOR DATA TRANSMISSION USING IMAGE-VIDEO SECRET WRITING TECHNIQUE" has been successfully completed by

ROUSHA

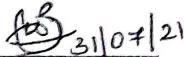
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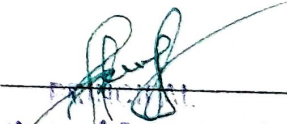
It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library.


31/07/21

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ABSTRACT

Secret writing is the art of hiding the fact that communication is taking place, by hiding information in other information. Many different carrier file formats can be used, but digital images are the most popular because of their frequency on the internet. For hiding secret information in images, there exists a large variety of secret writing techniques some are more complex than others and all of them have respective strong and weak points. Different applications may require absolute invisibility of the secret information, while others require a large secret message to be hidden. This project report intends to give an overview of image secret writing, its uses and techniques. It also attempts to identify the requirements of a good secret writing algorithm and briefly reflects on which secret writing techniques are more suitable for which applications.