

SAPTHAGIRI COLLEGE OF ENGINEERING

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Department of Computer Science and Engineering

Certificate



Certified that the project work entitled " DATA HIDING IN ENCRYPTED IMAGES BASED ON PROGRESSIVE RECOVERY " carried out by DARSHAN M U (1SG13CS033), MAHESH S G (1SG12CS051), MANJUNATH N (1SG12CS054), MD AASIF NAUMAAN (1SG11CS043), bonafide students of this institute, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum during the academic year 2016-17. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said degree.

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ABSTRACT

Nowadays, the security for the user data is more important during the communication, so it is important to secure the user data, one of the technique that can be used for achieving it is by hiding the user data into an image.

Data hiding technique uses image for hiding the text data where the text is hidden in an image which may lead to data loss during retrieval.

In this project, reversible data hiding technique uses image for hiding the text data whereby the text data can be retrieved without loss from the image using Progressive Recovery.

The sender encrypts the text data, embedded it into an image and sent to the receiver. At the receiver side, the text data can be retrieved without a loss from the image.