VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELAGAVI - 590 018

Mini Project Report

On

"ENCRYPTION AND DECRYPTION"

A report submitted in partial fulfillment of the requirements for

MOBILE APPLICATION DEVELOPMENT LABORATORY (18CSMP68)

in

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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Under the Guidance of
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CERTIFICATE

This is to certify that the Mini Project entitled **"ENCRYPTION AND DECRYPTION APP"** has been successfully completed by

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in the partial fulfillment for the award of Degree of Bachelor of Engineering in Computer and Engineering of the Visvesvaraya Technological University, Belagavi during the year 2020-2021. It is certified that all corrections/suggestions indicated have been incorporated in the report. The Mini project report has been approved as it satisfies the academic requirements in respect of Mini Project Work prescribed for the award of Bachelor of Engineering Degree.

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Ms. Shilpa
Mini Project Guide

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ABSTRACT

Encryption is process of turning a plaintext to Cipher text or the method of changing confidential file to jargon in order prevent unauthorized persons to gain access to confidential message. Message is the transfer of information from the sender to the receiver through a particular medium. Encryption is the most effective process for achieving data security. The process of Encryption hides the contents of a message in a way that the original information is recovered only through a decryption process. This paper presents an Encryption/Decryption application of messages on both java and Android phones. The method of encryption of message in this paper is AES (Advance Encryption System) where the same key that is used to encrypt is used to decrypt. The Encryption key is entered into the mobile phone text field by the user and a key is entered. A Cipher text is generated and the user has to copy that text into the Text field. The same encryption key is also used to decrypt the encrypted file/text.