

VISHVESVARAYA TECHNOLOGICAL UNIVERSITY

BELGAUM



A PROJECT REPORT ON

(KSCST SPONSORED PROJECT)

“HAWK-i”

**“PORTABLE EMERGENCY APPLICATION KIT & DOCUMENT ENCRYPTION LOCKER WITH
MULTILEVEL SECURITY SYSTEM & SELF ERASE PROTOCOL”**

Submitted in partial fulfillment of the requirements for the award of the degree Bachelor of Engineering
in Computer Science and Engineering from Vishvesvaraya Technology University, Belgaum, Karnataka

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1. INTRODUCTION

According to the 1998 data protection act, the main importance of maintaining security and confidentiality is to prevent information from falling into the wrong hands.

It is essential that every company or individual has the right level of security to ensure they are free from the threat of danger, damage, theft or crime.

Sometimes we are dependent on other computer/ Browsing centers for viewing mails and online shopping/transactions. But your login and shopping details will be saved on that system this will allow unauthorized users to hack in to your accounts and details.

To ensure the data security we have developed an application software which will secures your data in the database. Our application software is portable and highly secure.

To secure your bank accounts and online shopping details from unauthorized users, we have developed a new browser which will not store any browsing history there by ensures security for your accounts.

In case you lose your pen drive then you don't have to worry about the data because we have setup a “**Multilevel security system** and **self erase Protocol**” which will not allow unauthorized users to access your data.

Portability is a characteristic attributed to a computer program if it can be used in an operating systems other than the one in which it was created without requiring major rework

All these applications are integrated in to single software, i.e. all these applications and facilities are invisible and cannot be accessed without undergoing multilevel security check.