

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELAGAVI**



**A PROJECT REPORT ON
“PREVENTION OF PHISHING ATTACK IN ONLINE
VOTING SYSTEM BY USING VISUAL CRYPTOGRAPHY”**

Submitted in partial fulfillment for the award of Degree of,

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

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CERTIFICATE

This is to certify that the project entitled **"PREVENTION OF PHISHING ATTACK IN ONLINE VOTING SYSTEM BY USING VISUAL CRYPTOGRAPHY"** has been successfully completed by

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ABSTRACT

Voting system Using Visual Cryptography (VC) aims at providing a facility to cast vote for critical and confidential internal corporate decisions. It has the flexibility to allow casting of vote from any remote place. The election is held in full confidentiality by applying appropriate security measures to allow the voter to vote for any participating candidate only if he logs into the system by entering the correct password which is generated by merging the two shares using VC scheme. Administrator sends share 1 to voter e-mail id before election and share 2 will be available in the voting system for his login during election. Voter will get the secret password to cast his vote by combining share 1 and share 2 using VC. Phishing is an attempt by an individual or a group to get personal confidential information from unsuspecting victims. Fake websites which appear very similar to the original ones are being hosted to achieve this. Internet voting focuses on security, privacy, and secrecy issues, as well as challenges for stakeholder involvement and observation of the process. A new approach is proposed for voting system to prevent phishing attacks.

| | | |
|-------|---------------------------------|-----|
| 1.1 | EXISTING SYSTEM AND DRAWBACKS | 5 |
| 1.2 | PROPOSED SYSTEM AND ADVANTAGES | 5 |
| 2. | LITERATURE SURVEY | 7.9 |
| 3. | REQUIREMENT SPECIFICATION | |
| 3.1 | PROPERTIES OF ERS | 10 |
| 3.2 | PURPOSE OF REQUIREMENT DOCUMENT | 10 |
| 3.3 | SCOPE | 11 |
| 3.4 | TECHNICAL REQUIREMENTS | 11 |
| 3.4.1 | HARDWARE REQUIREMENTS | 11 |
| 3.4.2 | SOFTWARE REQUIREMENTS | 11 |
| 3.5 | SOFTWARE DESCRIPTION | 12 |
| 3.5.1 | JAVA PLATFORM | 12 |
| 3.5.2 | HTML | 13 |
| 3.5.3 | JAVASCRIPT | 13 |
| 3.5.4 | MYSQL | 14 |
| 3.5.5 | SERVLETS | 14 |