**ONLINE PHISHING DETECTION AND PREVENTION**

**A PROJECT REPORT**

**Submitted by**

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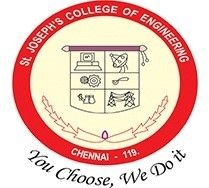
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## In partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY**

**in**

## INFORMATION TECHNOLOGY



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## BONAFIDE CERTIFICATE

Certified that this project report “​**IQ LEVEL ESTIMATION USING REGION GROWING METHOD”** ​is the bonafide work of **SHIVANI R K (312315205145)** and **SONIYA S (312315205155)** ​who carried out theproject​ work under my supervision, for the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Information Technology.

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**(INTERNAL EXAMINER)** **(EXTERNAL EXAMINER)**  ii

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**(INTERNAL EXAMINER)** **(EXTERNAL EXAMINER)**

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# ABSTRACT

Phishing is a new type of network attack where the attacker creates a replica of an existing web page to fool users in to submitting personal, financial, or password data to what they think is their service provider’s website .The concept is a end host based anti-phishing algorithm, called the Link Guard, by utilizing the generic characteristics of the hyperlinks in phishing attacks. The link Guard algorithm is the concept for finding the phishing emails sent by the phisher to grasp the information of the end user. Link Guard is based on the careful analysis of the characteristics of phishing hyperlinks. Each end user is implemented with Link Guard algorithm. After doing so the end user recognizes the phishing emails and can avoid responding to such mails. Since Link Guard is characteristics based it can detect and prevent not only known phishing attacks but also unknown ones.

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**LIST OF ABBREVIATIONS**

**URL** UNIFIED RESOURCE LOCATION

**AC** ASSOCIATIVE CLASSIFICATION

**DNS** DOMAIN NAME SERVER

**IP** INTERNET PROTOCOL

**SMTP** SIMPLE MAIL TRANSFER PROTOCOL

**URI** UNIFIED RESOURCE IDENTIFIER

**API** APPLICATION PROGRAM INTERFACE

**SQL** STRUCTURED QUERY LANGUAGE

**ODBC** OPERATIONAL DATA BASE CONNECTIVITY

**DBMS** DATABASE MANAGEMENT SYSTEM

**JSP**  JAVA SERVER PAGES

**HTTP** HYPERTEXT MARKUP LANGUAGE

**CGI**  COMMON GATEWAY INTERFACE

**JVM** JAVA VIRTUAL MACHINE

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