ONLINE PHISHING DETECTION AND PREVENTION

A PROJECT REPORT

Submitted by

AAKASH PRITHVIRAM A 312316205002

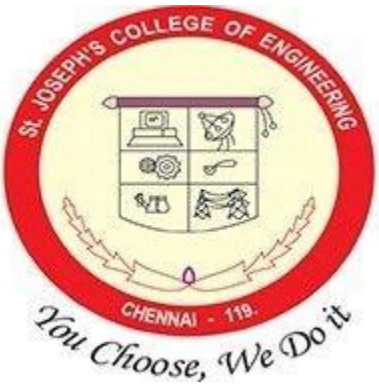
AHAMED FAHME M S 312316205008

In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



St.JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI 600119
ANNA UNIVERSITY: CHENNAI 600025

ANNA UNIVERSITY: CHENNAI 600 025

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 the project work under my supervision, for the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Information Technology.

SIGNATURE

Dr. V.Muthulakshmi M.E., Ph.D.,

HEAD OF THE DEPARTMENT-LAB AFFAIRS

Department of
Information Technology
St.Joseph's College of Engineering
Old Mamallapuram Road
Chennai-600119
Associate Professor

SIGNATURE

Dr. S.Sumathi, M.E.,

SUPERVISOR

Department of
Information Technology
St.Joseph's College of Engineering
Old Mamallapuram Road
Chennai-600119
Assistant Professor

Submitted for the Viva -Voce held on _____

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

CERTIFICATE OF EVALUATION

College Name **:** St.Joseph's College of Engineering

Branch & Semester **:** Information Technology (VII)

S.NO	NAME OF THE STUDENTS	TITLE OF THE PROJECT	NAME OF THE SUPERVISOR WITH DESIGNATION
1.	AAKASH PRITHVIRAM A (312315205145)	ONLINE PHISHING DETECTION AND PREVENTION	Dr. S.Sumathi M.E.,
2.	AHAMED FAHME M S (312316205008)		

The report of the project work submitted by the above students in partial fulfillment for the award of Bachelor of Technology degree in Information Technology of Anna University were evaluated and confirmed to be reports of the work done by the above students.

(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