

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



A Project Report on

“FRAUD DETECTION SYSTEM”

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering in Computer Science and Engineering

submitted by

AMULYA G L	[1DB20CS012]
ANANYA S	[1DB20CS015]
DEV H GOWDA	[1DB20CS035]
K AKASH KIRAN	[1DB20CS054]

Under the guidance of

Dr. K B SHIVAKUMAR

HOD

Department of CSE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY

Mysore Road, Kumbalagodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "FRAUD DETECTION SYSTEM" is carried out by **AMULYA G L [1DB20CS012]**, **ANANYA S [1DB20CS015]**, **DEV H GOWDA [1DB20CS035]** and **K AKASH KIRAN [1DB20CS054]** are bonafide students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The project report has been approved as it satisfies the academic requirements in respect of the Project prescribed for the Bachelor of Engineering Degree.

Signature of Guide & HOD

.....

Dr. K B ShivaKumar
B.E., M.E., M.B.A.,
M.Phil, Ph.D.,
FIE, MISTE., SM-IEEE
H.O.D., Dept of CSE
D.B.I.T, Bengaluru

Signature of Principal

.....

Dr. B Nagabhushana
B. E. M. Tech, Ph. D (II Sc.)
Principal,

D.B.I.T, Bengaluru
PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074
Signature with Date

External Viva

Name of Externals

1. Dr K B ShivaKumar
2. Dr Omar Khan Durrani

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



Project Phase - 2 Report

on

**“Sign Language Recognition using Computer Vision
and
Machine Learning”**

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering

in

Computer Science and Engineering

submitted

by

BHUWANRAJ PACHERIWALA [1DB20CS028]

DEEPAK J [1DB20CS034]

DILIP R [1DB20CS037]

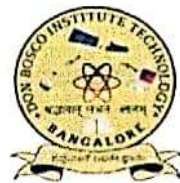
GOUTHAM MP [1DB20CS043]

Under the guidance of

Dr. Venugeetha Y

Professor,

Department of CSE



Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY

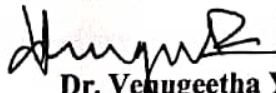
Mysore Road, Kumbalagodu, Bengaluru-560074

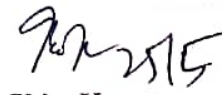
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

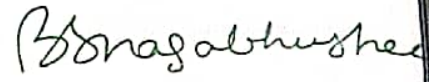


CERTIFICATE

This is to certify that the Project Phase-2 Report entitled “**Sign Language Recognition using Computer Vision and Machine Learning**” is a bonafide Project work carried out by **BHUWANRAJ PACHERIWALA (1DB20CS028)**, **DEEPAK J (1DB20CS034)**, **DILIP R (1DB20CS037)** and **GOUTHAM M P (1DB20CS043)** in partial fulfillment of ‘8th’ semester for the Degree of **Bachelor of Engineering in Computer Science and Engineering** of Visvesvaraya Technological University, Belgavi, during the academic year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated with the degree mentioned.


Dr. Venugeetha Y 25/5/24
B.E.(CSE), M.Sc. (IT), MTech (CNE), Ph.D.
Professor, Dept of CSE


Dr. K B Shiva Kumar
B.E., M.Tech, Ph.D., MSTE, SM-IEEE
Professor and Head
H.O.D., Dept. of CSE & Engineering
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74

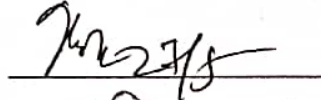

Dr. B S Nagabhushana
Principal
D.B.I.T

External Viva:

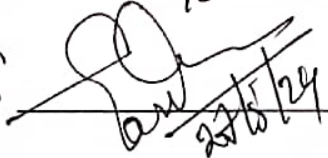
Name of the Examiner

Signature with Date

1) Dr K B Shiva Kumar


25/5/24

2) Prof Umashankar Devorew


25/5/24

PRINCIPAL
Don Bosco Institute of Technolo
Kumbalagodu, Mysore Road
Bangalore - 560 074

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



A Project Report On

**“Road Lane Detection Using -
Python And OpenCV”**

Submitted in the partial fulfillment of the requirements for the award of the Degree of

Bachelor of Engineering in Computer Science and Engineering

submitted by

Kumar Saurav[1DB19CS075]

Anand Yadav[1DB20CS013]

Aastha Jain[1DB20CS001]

Amalan Stephen Raj A[1DB20CS009]

Under the guidance of

Dr. Thippeswamy G R

Professor

Dept. of CSE,

DBIT, Bengaluru



Don Bosco Institute of Technology

Mysore Road, Kumbalgotu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY

Mysore Road, Kumbalagodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled “ Road Lane Detection Using Python And OpenCV” is carried out by Kumar Saurav [1DB19CS075], Anand Yadav [1DB20CS013], Aastha Jain [1DB20CS001] and Amalan Stephen Raj A [1DB20CS009] are bonafide students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The Project Phase II report has been approved as it satisfies the academic requirements in respect of the Project Phase II prescribed for the Bachelor of Engineering Degree.

Signature of guide

[Handwritten Signature]
.....14/5/2024

Dr. Thippeswamy G R
Professor,
Dept. of CSE,
DBIT, Bengaluru.

Signature of HOD

[Handwritten Signature]
.....14/5/24
Professor and Head
Dr. K. B. Shivakuma Engineering
Dept. of Computer Science & Engineering
Head of Dept.
Don Bosco Institute of Technology
Dept. of CSE
Kumbalagodu, Bangalore - 74
DBIT, Bengaluru.

External Viva

Name of Examiner

- 1) Dr. K. B. Shivakuma [Handwritten Signature]
- 2) Prof. Umar Khan [Handwritten Signature]

[Handwritten Signature]

Signature with date

PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bengaluru - 560 074

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



Project Phase - 2 Report on

“EtherHitch: Join the Ride-Share Revolution using block chain”

Submitted in the partial fulfillment of the requirements for the award of the Degree of

**Bachelor of Engineering
in
Computer Science and Engineering**

submitted by

ADITHYA RAGHAV V [1DB20CS007]

ANANDA ARALAGUNDAGI D [1DB20CS014]

CHANDAN GOWDA N [1DB20CS030]

HEMANTH BN [1DB20CS049]

Under the guidance of

Dr. Manjunatha Swamy B E

Professor, Department of CSE



Department of Computer Science & Engineering

Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024

Don Bosco Institute of Technology

Mysore Road, Kumbalagodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the Project Phase-2 entitled "EtherHitch: Join the Ride-Share Revolution using block chain" is carried out by ADITHYA RAGHAV V (1DB20CS007), ANANDA ARALAGUNDAGI D (1DB20CS014), CHANDAN GOWDA N (1DB20CS030) and HEMANTH BN (1DB20CS049) in partial fulfillment of '8th' semester for the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgavi, during the academic year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated with the degree mentioned.

Signature of guide

Dr. Manjunatha Swamy
Professor, Dept of CSE

Signature of HOD

Professor and Head
Dr. K. B. Shiyakumar
Dept. of Computer Science & Engineering
Professor & H.O.D.
Don Bosco Institute of Technology
Dept. of CSE
Kumbalagodu, Bangalore - 74

Signature of Principal

Dr. B. S. Nagabhushana
Principal, D.B.I.T.
PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

EXTERNAL VIVA

Name of the Examiners

1. 
2. Dr. Venugopal

Signature with Date

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belgaum- 590 018



Project Phase - 2 Report

On

**“HEALTHLINK – SMART HEALTH CARD WITH AI
FOR PERSONALISED MEDICATION”**

*Submitted in the partial fulfilment of the requirements for
the award of the Degree of*

Bachelor of Engineering in Computer Science and Engineering
submitted by

GOWTHAM J	[1DB20CS044]
HARSHITH B	[1DB20CS048]
JITHIN R	[1DB20CS053]
KUNAL JAIN P	[1DB20CS061]

Under the Guidance
Mrs. SARASWATHI G DATAR,
Assistant Professor,
Dept. of CSE



Department of Computer Science & Engineering
Don Bosco Institute of Technology
Mysore Road, Kumbalgodu, Bengaluru-560074
2023-2024



Don Bosco Institute of Technology

Kumbalgodu, Mysuru Road, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that the Project Phase-2 Report entitled "Health Link- Smart Health card with AI For Personalised Medication" is a bonafide Project work carried out by Gowtham J (1DB20CS044), Harshith B(1DB20CS048), Jithin R (1DB20CS053), Kunal Jain P (1DB20CS061) eighth semester students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The Project Phase-2 report has been approved as it satisfies the academic requirements in respect of the Project Phase-2 prescribed for the Bachelor of Engineering Degree.

Signature of Guide

Mrs. SARASWATHI G DATAR,
Assistant Professor,
Dept. of CSE, DBIT

Signature of HOD

Dr. K B Shiva Kumar,
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalgodu, Bangalore - 74

EXTERNAL VIVA

Signature of Principal

Dr. B S Nagabhushana,
Principal,
DBIT

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560074

NAME OF EXAMINER:

- 1.
- 2.

SIGN WITH DATE:



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“Jnana Sangama”, Belagavi-590018.



FINAL YEAR PROJECT REPORT ON

**“DETECTION OF PHISHING WEBSITES USING
MACHINE LEARNING”**

Submitted in partial fulfilment for the requirements for the award of the Degree of
BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by,

ABHIMANYU SURESH (1DB20CS002)

DARSHAN K (1DB20CS032)

GOUTHAM ADITHYA P(1DB20CS042)

KUSHAL SG (1DB20CS062)

Under the guidance of

Mr. RAGHU KUMAR KS,

Associate Professor

Dept. of CSE, DBIT



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074.

2023-2024



DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, Mysuru Road, Bengaluru - 560074.
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that the Seminar work entitled "DETECTION OF PHISHING WEBSITES USING MACHINE LEARNING" is a work carried out by ABHIMANYU SURESH (1DB20CS002), DARSHAN K (1DB20CS032), GOUTHAM ADITHYA P(1DB20CS042), KUSHAL S G(1DB20CS062) in partial fulfillment of award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Technical Seminar has been approved as it satisfies the academic requirements associated with the degree mentioned.

Signature of guide

Raghu kumar ks

Mr. Raghu kumar ks
Associate Professor,
Dept. of CSE,
DBIT, Bengaluru.

Signature of HOD

Dr. K B Shivakumar

Dr. K B Shivakumar
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74

Signature of Principal

Dr. B S Naghabhushana

Dr. B S Naghabhushana
Principal, DBIT
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

Dr. Manjunath Swamy BE

S. Ganeshan

Dr. B S Naghabhushana

Dr. B S Naghabhushana

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Belagavi – 590018, Karnataka.



Project Work (18CSP77)

on

"Smart Career Guidance System"

Submitted in partial fulfilment for the award of degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ANKITA P KARUR (1DB20CS016)

BRUNDA R (1DB20CS029)

DEEKSHA R (1DB20CS033)

GANAVI C RAJ (1DB20CS041)

Under the Guidance of

Mrs. Anjali Vyas,
Assistant Professor,

Dept. of CSE. DBIT



Department of Computer Science and Engineering

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru-560074

2023-24



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that the final year project report on the topic "Smart Career Guidance System" has been successfully presented at Don Bosco Institute of Technology by Ankita P Karur (1DB20CS016), Brunda R(1DB20CS029), Deeksha R(1DB20CS033), Ganavi C Raj (1DB20CS041) in partial fulfilment of the requirements for the VII Semester degree of **Bachelor of Engineering in Computer Science and Engineering** of Visvesvaraya Technological University, Belagavi during academic year 2023- 2024. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the project work phase1 report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements in respect of Project work for the said degree.

Signature of guide

for Anjali

Mrs. Anjali Vyas,
Assistant Professor,
Department of CSE,
D.B.I.T., Bangalore-74

Signature of HOD

K B Shivakumar

Professor and Head
Dr. K B Shivakumar
Dept. of Computer Science & Engineering
Head of Dept.
Don Bosco Institute of Technology
Department of CSE-74
Kumbalagodu, Bangalore
D.B.I.T., Bangalore-74

Signature of Principal

B S Nagabhusana

Dr. B S Nagabhusana,
Principal,
D.B.I.T.,
Bangalore-74

External Viva

Name of Examiner

1. Ranjeet Kumar

2. REKHA D

PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074
Signature with date

REKHA D 27/5/24

for Anjali 27/5/24

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



Project Phase - 2 Report
on

**“An Effective Conformity Technique using LVC for Unified
Cyber Security Indoctrination Model”**

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering
in
Computer Science and Engineering

Submitted
by

PRIYA R [1DB19CS414]
ANUSHA H [1DB20CS018]
ANUSHA R [1DB20CS019]
HEMASHREE M S [1DB20CS050]

Under the guidance of
Dr. Venugeetha Y
Professor,
Department of CSE



Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY


Mysore Road, Kumbalgotu, Bengaluru-560074


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE

This is to certify that the Project Phase-2 Report entitled “An Effective Conformity Technique Using LVC For Unified Cyber Security Indoctrination Model” is a bonafide Project work carried out by PRIYA R (1DB19CS414), ANUSHA H (1DB20CS018), ANUSHA R (1DB20CS019) and HEMASHREE M S (1DB20CS050) in partial fulfillment of ‘8th’ semester for the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgavi, during the academic year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated with the degree mentioned.


Dr. Venugeetha Y
B.E(CSE), M.Sc. (IT), MTech (CNE), Ph.D.
Professor, Dept pf CSE


Dr. K B Shiva Kumar
B.E., M.E., M.Tech (CSE), Ph.D., SM-IEEE
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalgotu, Bangalore - 74


Dr. B Nagabhushana
Principal
D.B.I.T

External Viva:

Name of the Examiner

Signature with Date

1) Dr K B Shiva Kumar


27/5

2) Prof Umar Khan Durrani


27/5/2024

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



A Project Report on

**“ASSISTED EVALUATION OF SUBJECTIVE ANSWERS SCRIPT
USING ML AND NLP”**

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering in Computer Science and Engineering

submitted by

ABHISHEK R	[1DB20CS006]
ADITYA RAJ GUPTA	[1DB20CS008]
ESHAN KUSHWAH	[1DB20CS039]
HARSH SINGH	[1DB20CS045]

Under the guidance of

Dr. Sameena Bano

Associate Professor

Department of CSE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY

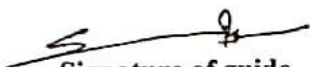
Mysore Road, Kumbalagodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

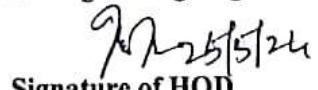


CERTIFICATE

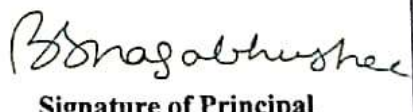
This is to certify that the project entitled "ASSISTED EVALUATION OF SUBJECTIVE ANSWERS SCRIPT USING ML" is carried out by ABHISHEK R[1DB20CS006], ADITYA RAJ GUPTA [1DB20CS008], ESHAN KUSHWAH [1DB20CS039] and Harsh Singh [1DB20CS045] are bonafide students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The project report has been approved as it satisfies the academic requirements in respect of the Project prescribed for the Bachelor of Engineering Degree.


Signature of guide
.....
Dr. Sameena Bano

Associate Professor,
Dept of CSE,
D.B.I.T, Bengaluru


Signature of HOD
.....
Dr. K Shiva Kumar

Professor and Head,
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74
D.B.I.T, Bengaluru


Signature of Principal
.....
Dr. B Nagabhushana



B. E. M. Tech, Ph. D (IISc.)
Principal,
D.B.I.T, Bengaluru
PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

External Viva

Name of Externals

1. Irakim Khaleelullah
2. Dr. Venugopthy

Signature with Date

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum – 590 018



Project Phase II Report

On

**“YOGA POSTURE REGONITION USING
MACHINE LEARNING”**

Submitted in partial fulfillment of the requirements of the VIII Semester Degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE & ENGINEERING**

Submitted By

ARUNA C (1DB20CS022)

ASHIKA A (1DB20CS024)

BHOOMIKA N(1DB20CS027)

CHANDANA (1DB20CS031)

Under The Guidance Of

Dr. MANJUNATHSWAMY B E,

Professor

Department of CSE, DBIT



DON BOSCO INSTITUTE OF TECHNOLOGY

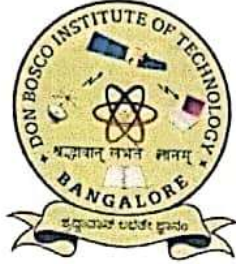
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2023-2024



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Bangalore – 560074



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the project Phase II report entitled “YOGA POSTURE RECOGNITION USING MACHINE LEARNING” is a work carried out by ARUNA C (1DB20CS022),ASHIKA A (1DB20CS024), BHOOMIKA K N (1DB20CS027), CHANDANA (1DB20CS031) in partial fulfillment of the award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The project Phase II has been approved as it satisfies the academic requirements associated with the degree mentioned.

Signature of the Guide

.....
[Handwritten Signature]

Dr. ManjunathSwamy B E

Professor
Department of CSE
D.B.I.T.,
Bangalore-74

Signature of H.O.D

.....
[Handwritten Signature]

Dr. K B ShivaKumar

Professor & Head
Department of CSE
D.B.I.T.,
Bangalore-74

External viva

Signature of Principal

.....
[Handwritten Signature]

Dr.B S Nagabhushana

Principal
D.B.I.T

Bangalore -74

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

Signature with Date

.....
[Handwritten Signature] 27/5/24

.....
[Handwritten Signature] 27/5/24

Name of the Examiners

1.....
[Handwritten Signature]

2.....
[Handwritten Signature]

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



A Project Report on

“REAL-TIME FOOD RECOGNITION SYSTEM”

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering in Computer Science and Engineering

submitted by

HARSHITA S H [1DB20CS047]

FARZANA [1DB20CS040]

B K AMBHRUNI [1DB20CS026]

ARUSHI ANYA [1DB20CS023]

Under the guidance of

Dr. Sameena Bano

Associate Professor Department of CSE



Department of Computer Science and Engineering

Don Bosco Institute of Technology

Mysore Road, Kumbalagodu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY

Mysore Road, Kumbalagodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "REAL-TIME FOOD RECOGNITION SYSTEM" is carried out by Harshita S H [1DB20CS047], Farzana [1DB20CS040], B K Ambhruni [1DB20CS026] and Arushi Anya [1DB20CS023] are bonafide students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The project report has been approved as it satisfies the academic requirements in respect of the Project prescribed for the Bachelor of Engineering Degree.

[Signature]
Dr. Sameena Bano
Associate Professor,
Dept of CSE

[Signature]
Dr. K B Shiva Kumar
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74

[Signature]
Dr. B S Nagabhushana
Principal, D.B.I.T

PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

External Viva

Name of Examiners

1. S. GANESH
2. Masimatu Swamy B.E

I

[Signature]

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



Project Phase - 2 Report

on

**“EYE PUPIL MOVEMENT BASED PIN
AUTHENTICATION SYSTEM”**

Submitted in the partial fulfillment of the requirements for the award of the Degree of

Bachelor of Engineering in Computer Science and Engineering

submitted by

ABHISHEK JAGADISH ANGADAKI	[1DB20CS004]
ARJUN V	[1DB20CS020]
LIKITH K	[1DB20CS065]
SHASHANK GHEWARE	[1DB20CS097]

Under the guidance of

Dr. Thippeswamy G R

Professor, Department of CSE



Department of Computer Science & Engineering

Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024



Don Bosco Institute of Technology

Mysore Road, Kumbalagodu, Bengaluru-560074

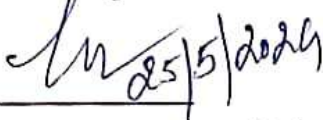
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

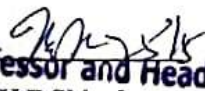
This is to certify that the Project Phase-2 entitled "EYE PUPIL MOVEMENT BASED PIN AUTHENTICATION SYSTEM" is carried out by ABHISHEK JAGADISH ANGADAKI (1DB20CS004), ARJUN V(1DB20CS020), LIKITH K(1DB20CS065) and SHASHANK GHEWARE(1DB20CS097) in partial fulfillment of '8th' semester for the Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgavi, during the academic year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessments have been incorporated with the degree mentioned.

Signature of guide



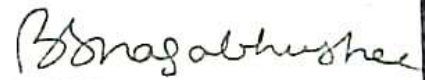
Dr. Thippeswamy G R
Professor,
Dept of CSE

Signature of HOD



Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74

Signature of Principal



Dr. B S Nagabhushana
Principal, D.B.I.T

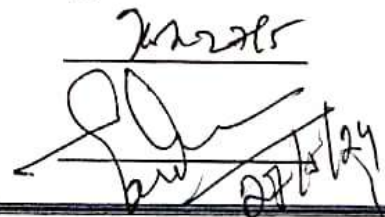
EXTERNAL VIVA

Name of the Examiners

1. Dr. K B Shivakumar
2. Prof. Umar Khan Muroan

PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

Signature with Date



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belgaum – 590018



FINAL YEAR PROJECT REPORT ON

"FAKE PRODUCT REVIEW DETECTION"

Submitted in partial fulfillment of the requirements for the award of the Degree of
BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

For the Academic Year: 2023-24

Submitted By

AMRUTHA R(1DB20CS011)

KAVANA K A(1DB20CS056)

KEERTHANA V(1DB20CS059)

KUSUMA S K(1DB20CS063)

Under the Guidance of

Mr. MOHAMMED KALEEM,

Assistant Professor

Dept. of CSE, DBIT



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Bangalore– 560074

2023-2024




DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, Bangalore – 560074
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

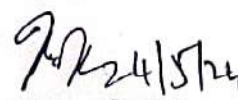


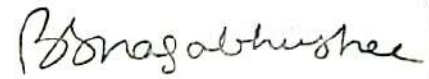
CERTIFICATE

This is to certify that the Final year project report entitled “Fake Product Review Detection” is a work carried out by AMRUTHA R (1DB20CS011), KAVANA K A (1DB20CS056), KEERTHANA V(1DB20CS059), KUSUMA S K (1DB20CS063) in partial fulfillment of the award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final year project has been approved as it satisfies the academic requirements associated with the degree mentioned.


Signature of guide




.....
Prof. Mohammad Kaleem
Assistant Professor
Dept. of CSE,
D.B.I.T., Bangalore.


Signature of HOD
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74
Dr. K B Shivakumar
Professor & Head
Dept. of CSE,
D.B.I.T., Bangalore.


Signature of Principal

Dr. B S Nagabhushana
Principal, D.B.I.T
Bangalore

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Don Bosco Institute of Technology,
Kumbalagodu, Mysore Road,
Bangalore - 560 074.



Ranjeet Kumar — 

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belgaum- 590 018



A Project Report on

“HATE SPEECH DETECTION”

Submitted in the partial fulfilment of the requirements for the award of the Degree of
Bachelor of Engineering in Computer Science and Engineering

submitted by

KADALI VENKATA KARTHIK	[1DB20CS055]
NAVNEET NIKHIL	[1DB20CS074]
NITESH KUMAR	[1DB20CS079]
SANGLAP KARMAKAR	[1DB20CS094]

Under the guidance of

Dr. HEMANTH KUMAR N P

Associate Professor

Department of CSE



Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "HATE SPEECH DETECTION" is carried out by **KADALI VENKATA KARTHIK [1DB20CS055]**, **NAVNEET NIKHIL [1DB20CS074]**, **NITESH KUMAR [1DB20CS079]** and **SANGLAPKARMAKAR [1DB20CS094]** are bona fide students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The project report has been approved as it satisfies the academic requirements in respect of the Project prescribed for the Bachelor of Engineering Degree.

Dr. Hemanth Kumar N P
Associate Professor,
Dept of CSE,
DBIT, Bangalore

Dr. KB Shiva Kumar
Professor & Head,
Dept of CSE,
DBIT, Bangalore

Dr. B S Nagabhushana
Principal, DBIT
Bangalore

External Viva

Name of Examiners:

1. S GANESAN
2. Manjushree Swamy BS

Signature with Date:

1. A 29/5/24
2. [Signature]

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum – 590 018



**A PROJECT REPORT PHASE 2
ON**

“Handwritten digit recognition using CNN”

Submitted in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

During the Academic year 2023-2024

Submitted By

NEHA H SAVEKAR 1DB20CS076

NISCHITHA D 1DB20CS078

PARUL SHARMA 1DB20CS083

RACHANA B 1DB20CS088

Under the Guidance of

**Mr. Ranjeet Kumar
Associate Professor,
Dept. of CSE, DBIT**



Department of Computer Science and Engineering

DON BOSCO INSTITUTE OF TECHNOLOGY

Mysore Road, Kumbalagodu, Bangalore – 560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY

Mysore Road, Kumbalgodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the Project Phase-II entitled "HANDWRITTEN DIGIT RECOGNITION USING CNN" has been carried out by NEHA H SAVEKAR [1DB20CS076], NISCHITHA D [1DB20CS078] , PARUL SHARMA [1DB20CS083] and RACHANA B [1DB20CS088] ,the bonafide students of Don Bosco Institute of Technology, Bangalore in partial fulfilment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The Project Phase -II report has been approved as it satisfies the academic requirements in respect of the Project Phase-II prescribed for the Bachelor of Engineering Degree.

Prof. Ranjeet Kumar

BE, MTech

Associate Professor ,

Dept of CSE

Dr. K B Shiva Kumar

Professor and Head
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Don Bosco Institute of Technology
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Dr. B S Nagabhushana

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Principal, DBIT

PRINCIPAL
Don Bosco Institute of Technology
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Bangalore - 560 074

INTERNAL EXAMINER:

EXTERNAL EXAMINER:

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum – 590 018



A Project Report on

“DEEP FAKE IMAGE DETECTION”

Submitted in partial fulfillment of the requirements for the award of Degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

Submitted by

During the Academic year 2023-2024

KUMARI VISHAKHA (1DB20CS060)

PADMA M (1DB20CS082)

ROSHINI M (1DB20CS090)

ANANYA K ADIGA (1DB20CS137)

Under the Guidance of
Mrs. Champa C H,
Assistant Professor,
Dept. of CSE, DBIT



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalgodu, Bengaluru-560074



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY
BANGALORE-560074



CERTIFICATE

This is to certify that the final year Project report on the topic "DEEP FAKE IMAGE DETECTION" has been successfully presented at Don Bosco Institute of Technology by KUMARI VISHAKHA (1DB20CS060), PADMA M (1DB20CS082), ROSHINI M (1DB20CS090), ANANYA K ADIGA (1DB20CSI37) in partial fulfillment of the requirements for the VIII Semester degree of Bachelor of Engineering in Computer Science and Engineering of Vivesvaraya Technological University, Belagavi during academic year 2023-2024. The Project report has been approved as it satisfies the academic requirements in respect of Project Phase-II for the Bachelor of Engineering Degree.

Champa.C.H

Mrs. Champa C H
Assistant Professor
Department of CSE
D.B.I.T., Bangalore-74

K.B. Shiva Kumar

Dr. K.B. ShivaKumar
Professor & Head
Department of CSE
D.B.I.T., Bangalore-74

B.S. Nagabhushana

Dr. B.S. Nagabhushana
Principal
D.B.I.T
Bangalore -74

Name of External Examiners

1. REKHA D
2. Ranjeel - Kumar

Signature with date

1. [Signature] 27/5/24
2. [Signature] 27/5/24

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum – 590 018



Final Year Project Report on

“Flood Monitoring And Alerting System Using IOT”

Submitted in partial fulfillment of the requirements of the VIII Semester Degree of

BACHELOR OF ENGINEERING IN

COMPUTERSCIENCE &ENGINEERING

Submitted By

MEER WASIQ (1DB20CS069)

MOHAMED YOUNUS (1DB20CS070)

MOHAMMED BILAALATHAR (1DB20CS071)

SYED HASHSHAM ALAM(1DB20CS115)

Under the Guidance of

Dr . ASHA K.H,

Associate Professor

Department of CSE, DBIT



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Bangalore –560074

2023-24



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Bangalore – 560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



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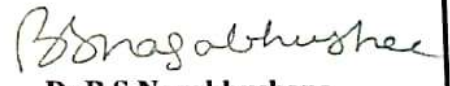
This is to certify that the Final year project report entitled “Flood monitoring and alerting system using IOT” is a work carried out by MEER WASIQ(1DB20CS069),MOHAMED YOUNUS (1DB20CS070),MOHAMMED BILAL ATHAR(1DB20CS071),SYED HASHSHAM ALAM(1DB20CS115) in partial fulfillment of the award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final year project has been approved as it satisfies the academic requirements associated with the degree mentioned.


Dr. Asha K.H

Associate Professor,
Department of CSE,
DBIT,
Bangalore



Dr. K B Shivakumar

Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74


Dr. B S Nagabhushana

Principal,
DBIT,
Bangalore

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Kumbalagodu, Mysore Road
Bangalore - 560 074


S. GANESAN
Dr. Manjunath Swamy BE


Dr. Manjunath Swamy

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belgaum-590018



A Project Report-Phase 2 On

**“REAL TIME OBJECT DETECTION USING
TENSERFLOW”**

Submitted in the partial fulfillment of the requirements for the award of the Degree of
Bachelor of Engineering in Computer Science and Engineering

Submitted by

NINGANGOUDA PATIL	[1DB20CS077]
R GAUTAM	[1DB20CS086]
SONASHREETR	[1DB20CS109]
G M ALI ALFAG ABIR	[1DB18CS050]

Under the guidance of

Dr.K B SHIVAKUMAR

(BE,ME,MBA,MPhil,Ph.D,FIE,MISTE,SM-IEEE)

Professor & Head,
Dept of CSE.



Department of Computer Science and Engineering

Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY

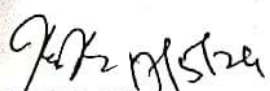
Mysore Road, Kumbalagodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



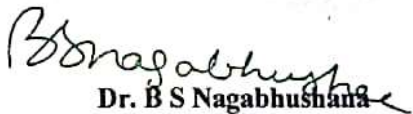
CERTIFICATE

This is to certify that the Project Phase-II entitled "REAL TIME OBJECT DETECTION USING TENSERFLOW" has been carried out by NINGANGOUDA PATIL [1DB20CS077], RGAUTAM [1DB20CS086] and SONASHREE TR [1DB20CS109], the bonafide students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The Project Phase -II report has been approved as it satisfies the academic requirements in respect of the Project Phase-II prescribed for the Bachelor of Engineering Degree.


Dr. K B Shiva Kumar

Professor and Head

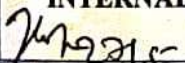
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74


Dr. B S Nagabhushana


PRINCIPAL

Principal
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.

INTERNAL EXAMINER:

 Dr. K B SHIVAKUMAR

EXTERNAL EXAMINER:


Dr. O MARKHANDUR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Juana Sangama, Belgaum – 560018



A Project Report - Phase II

on

“Transparency in Carbon credit using Blockchain and IoT”

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering
in
Computer Science and Engineering

Submitted By

M G Nikhil	1DB20CS067
Nitish K L	1DB20CS081
S Suhas	1DB20CS091
Santoshkumar	1DB20CS095

Under the guidance of

Dr. Venugeetha Y
Professor
Department of CSE



Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru – 560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY
Mysuru road, Kumbalgodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

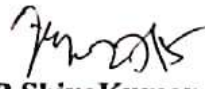


CERTIFICATE

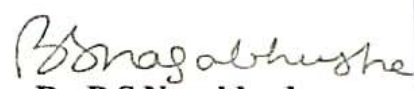
This is to certify that the Project Phase-II entitled "Transparency in Carbon Credit using Blockchain and IoT" been carried out by M G Nikhil (1DB20CS067), Nitish K L (1DB20CS081), S Suhas (1DB20CS091), Santoshkumar (1DB20CS095), bonafied by DON BOSCO INSTITUTE OF TECHNOLOGY, Bengaluru, in the partial fulfilment of award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-24. The Project Phase -II has been approved as it satisfies the academic requirements in respect of the Project Phase-II prescribed for the Bachelor of Engineering Degree.


28/5/24.

Dr. Venugeetha Y
B.E. (CSE), M.Sc. (IT), MTech (CNE),
Ph.D.
Professor,
Department of CSE



Dr. K B Shiva Kumar
B.E., M.Tech., Ph.D. (IIT Bombay)
EIE, MISTE, SM-IEEE
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Department of CSE
Kumbalgodu, Bangalore - 74




Dr. B S Nagabhushana
B.E., M.Tech., Ph.D.(IISc)
Principal
Principal
DBIT
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

EXAMINER:

Signature With Date

1) 

2) 


28/5/24

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“Jnana Sangama”, Belagavi-590018.



FINAL YEAR PROJECT REPORT ON

“Prediction of Terrorist Network”

Submitted in partial fulfillment for the requirements for the award of the Degree of
BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by,

ASHWINI VEERANNA CHEGARADDI (1DB20CS025)

DIVYA S MAVINAKAI (1DB20CS038)

INCHARA R (1DB20CS052)

NITHYA KALINGE (1DB21CS080)

Under the guidance of

Dr. Thippeswamy G R

Professor Dept. of

CSE, DBIT



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074.

2023-2024



DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, Mysuru Road, Bengaluru - 560074.
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that the Final year project work entitled "Prediction of Terrorist Network" is a work carried out by ASHWINI VEERANNA CHEGARADDI (1DB20CS025), DIVYA S MAVINAKAI (1DB20CS038), INCHARA R (1DB20CS052), NITHYA KALINGE (1DB21CS080) in partial fulfillment of award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final year project has been approved as it satisfies the academic requirements associated with the degree mentioned.

Signature of guide

.....*Thippeswamy G R*.....
27/5/2024

Dr. Thippeswamy G R
Professor,
Dept. of CSE,
DBIT, Bengaluru.

Signature of HOD

.....*K B Shivakumar*.....

Dr. K B Shivakumar
Professor & Head
Dept. of CSE,
DBIT, Bengaluru.

Signature of Principal

.....*B S Naghabhushana*.....

Dr. B S Naghabhushana
Principal
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bengaluru - 560 074.

REKHA D

Rayeeet Kumar

.....*At*.....
27/5/24

.....*Rel*.....
27/5/24

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



Project Phase 2 Report on

“CHATBOT FOR MENTAL HEALTH DIAGNOSIS”

Submitted in the partial fulfilment of the requirements for the award of the Degree of

**Bachelor of Engineering
in
Computer Science and Engineering**

submitted by

**HITHA ANAND [1DB20CS051]
KAVYA C [1DB20CS057]
KEERTHANA G [1DB20CS058]
LAVANYA N [1DB20CS064]**

Under the guidance of

Dr. Manjunathswamy B E

Professor,
Dept. of CSE



Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024



DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project Phase-II entitled "CHATBOT FOR MENTAL HEALTH DIAGNOSIS" is carried out by Hitha Anand [1DB20CS051], Kavya C [1DB20CS057], Keerthana G [1DB20CS058] and Lavanya N [1DB20CS064] are bonafide students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The project Phase-II report has been approved as it satisfies the academic requirements in respect of the Project Phase-II prescribed for the Bachelor of Engineering Degree.

Signature of Guide
(Signature)

Dr. Manjunathswamy B E

Professor,
Dept. of CSE

Signature of HOD
(Signature)

Dr. K B ShivaKumar

M.E, M.B.A, M.Phil., Ph.D.
Prof and Head, Dept. of CSE

External Viva

(Signature)

Signature of Principal

Dr. B S Nagabhushana

B.E., M.Tech., Ph.D.

Principal, D.B.I.T

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

Signature with Date

Name of Examiners

1. *(Signature)*
2. Ranjeet Kumar

1. *(Signature)* 27/5/24
2. *(Signature)*

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"Jnana Sangama", Belagavi-590018.



FINAL YEAR PROJECT REPORT ON
"PHISHING DETECTION SYSTEM THROUGH HYBRID
MACHINE LEARNING BASED ON URL"

Submitted in partial fulfillment for the requirements for the award of the Degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by,

MOURYA H M (1DB20CS072)

PRAJWAL S (1DB20CS085)

SHASHANK S (1DB20CS099)

VISHAL RAJ N (1DB20CS127)

Under the guidance of

Mr. RANJEET KUMAR,

Associate Professor

Dept. of CSE, DBIT



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074.

2023-2024



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that the Final year project work entitled "Phishing Detection System Through Hybrid Machine Learning Based On URL" is a work carried out by MOURYA H M(1DB20CS072), PRAJWAL S (1DB20CS085), SHASHANK S (1DB20CS099), VISHAL RAJ N (1DB20CS127) in partial fulfillment of award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final year project has been approved as it satisfies the academic requirements associated with the degree mentioned.

Signature of guide

Ranjeet
.....

Mr. RANJEET KUMAR
Associate Professor,
Dept. of CSE,
DBIT, Bengaluru.

Signature of HOD

Dr. K B Shivakumar
.....

Dr. K B Shivakumar
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74

Signature of Principal

Dr. B S Naghabhushana

Dr. B S Naghabhushana
Principal, DBIT
Bengaluru.

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysuru Road,
Bengaluru - 560 074

Dr. Venugopalaiah
27/5/24

Dr. Venugopalaiah

Dr. Venugopalaiah
27/5/24



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum – 560018



A Project Report - Phase II

on

“Blood Registry Implementation Using Blockchain with a Smart Blood Carrier System”

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering

in

Computer Science and Engineering

Submitted By

Lohith Kumar A	1DB20CS066
R Sai Vinay	1DB20CS087
Shalini P	1DB20CS096
Varsha A	1DB20CS123

Under the guidance of

Anjali Vyas

Assistant Professor

Department of CSE



Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru – 560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY
Mysuru road, Kumbalagodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the Project Phase-II entitled "BLOOD REGISTRY IMPLEMENTATION USING BLOCKCHAIN WITH A SMART CARRIER SYSTEM" been carried out by Lohith Kumar A (1DB20CS066), R Sai Vinay (1DB20CS087), Shalini P (1DB20CS096), Varsha A (1DB20CS123), the bonafied students of DON BOSCO INSTITUTE OF TECHNOLOGY, Bengaluru, in the partial fulfilment of award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-24. The Project Phase -II has been approved as it satisfies the academic requirements in respect of the Project Phase-II prescribed for the Bachelor of Engineering Degree.

Signature of Guide

C. Anjali Bhatta

Mrs. Anjali Vyas
Asst. Prof. & Guide
Department of CSE
D.B.I.T., Bangalore-74

Signature of H.O.D

Dr. K B Shivakumar

Dr. K B Shivakumar
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74

Signature of Principal

Dr. B S Nagabhushana

Dr. B S Nagabhushana
Principal
D.B.I.T., Bangalore- 74

External Viva

Name of the Examiners

1. *S. HANESH*
2. *Manjunath Swamy B.C*

Signature with Date

[Signature]
.....
[Signature]
.....

PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum – 590 018



Final Year Project Report on

“INTRUSION DETECTION SYSTEM”

Submitted in partial fulfillment of the requirements of the **VIII Semester Degree** of

BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE & ENGINEERING

For the Academic Year: 2023-2024

Submitted By

ABHISHEK AJITH (1DB20CS003)

MANDIGIRI VEERABHADRA LIKITH (1DB20CS068)

NANDAN E (1DB20CS073)

RAJTHILAK S (1DB20CS089)

Under the Guidance of

Dr. K B ShivaKumar,

B.E.,M.E.,M.B.A.,M.PHIL.,PH.D,FIE.,MISTE.,SM-IEE.

Dept. of CSE, DBIT



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Bangalore– 560074



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Bangalore – 560074



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

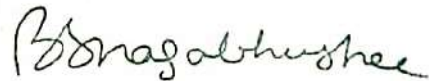
This is to certify that the Final year project report entitled “Intrusion Detection System” is a work carried out by RAJTHILAK S (1DB20CS089), NANDAN E(1DB20CS073), MANDIGIRI VEERABHADRA LIKITH (1DB20CS068), ABHISHEK AJITH (1DB20CS003) in partial fulfillment of the award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final year project has been approved as it satisfies the academic requirements associated with the degree mentioned.

Project Guide and HOD



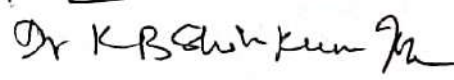

Dr. K B Shiva Kumar

Professor & Head
Department of CSE
DBIT,
Bangalore-74



Dr. B S Nagabhushana

Principal
DBIT
Bangalore -74

Examiners
1. 
2. 

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“Jnana Sangama”, Belagavi-590018.



FINAL YEAR PROJECT REPORT ON

**“DETECTING STRESS LEVELS IN IT PERSONNEL
USING MACHINE LEARNING ”**

**Submitted in partial fulfillment for the requirements for the award of the Degree of
BACHELOR OF ENGINEERING**

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by,

K SURYATEJA (1DB20CS132)

SHAILESH B S (1DB20CS134)

M RISHI GOWDA (1DB20CS138)

SHAMAN D (1DB21CS405)

Under the guidance of,

Dr. Manjunathswamy B E

Professor

Dept. of CSE, DBIT



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074.

2023-2024



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that the Seminar work entitled "Detecting Stress Levels in IT Personnel Using Machine Learning" is a work carried out by K SURYATEJA (1DB20CS132), SHAILESH B S (1DB20CS134), M RISHI GOWDA (1DB20CS138), SHAMAN D (1DB21CS405) in partial fulfillment of award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final Project has been approved as it satisfies the academic requirements associated with the degree mentioned.

Signature of Guide

[Handwritten Signature]
.....

Dr. Manjunathswamy B E
Professor,
Dept. of CSE,
DBIT, Bengaluru.

Signature of HOD

[Handwritten Signature]
.....
Professor and Head

Dr. B. Shiva Kumar
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74
Dept. of CSE, DBIT,
Bengaluru.

Signature of Principal

[Handwritten Signature]
.....

Dr. B S Naghabhushana
PRINCIPAL
Principal, DBIT
Don Bosco Institute of Technology
Bengaluru,
Kumbalagodu, Mysore Road,
Bengaluru - 560 074

[Handwritten Signature]
[Handwritten Date]
2) **Dr. Veengeethan**

[Handwritten Signature] 29/5/24.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belgaum- 590 018



A Project Report-Phase 2

on

“DRIVER DROWSINESS DETECTION SYSTEM”

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering in Computer Science and Engineering
submitted by

SHUBHA N	[1DB20CS104]
TAMHEED SARWATH	[1DB20CS116]
RUCHITKUMAR GANESH	[1DB21CS403]
SADIQ AHMED	[1DB21CS404]

Under the guidance of

Mr. Mohammed Kaleem

Assistant Professor
Department of CSE



Department of Computer Science and Engineering

Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY

Mysore Road, Kumbalagodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the Project Phase-II entitled "DRIVER DROWSINESS DETECTION SYSTEM" has been carried out by SHUBHA N [1DB20CS104], TAMHEED SARWATH [1DB20CS116], RUCHITKUMAR GANESH [1DB21CS403] and SADIQ AHMED [1DB21CS404], the bonafide students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The Project Phase -II report has been approved as it satisfies the academic requirements in respect of the Project Phase-II prescribed for the Bachelor of Engineering Degree.

Mr. Mohammed Kaleem
Assistant Professor,
Dept of CSE, DBIT

Dr. K B ShivaKumar
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Dept of CSE, DBIT
Kumbalagodu, Bangalore - 74

Dr. B S Nagabhushana

Principal,
Don Bosco Institute of Technology
DBIT
Kumbalagodu, Mysore Road,
Bangalore - 560 074

INTERNAL EXAMINER:

S. Venugethaiah

27/5/24

EXTERNAL EXAMINER:

Ibrahim Khalidulla

27/5/24

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



A Project Report-Phase 2

on

“AI-ENHANCED DEPRESSION ASSESSMENT, A MULTI-MODAL APPROACH”

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering in Computer Science and Engineering

submitted by

SHRINIDHI P | 1DB20CS103 |

SINDHU SHREE G | 1DB20CS108|

SURABHI K | 1DB20CS112 |

Under the guidance of

Mr.Ranjeet Kumar

Associate Professor

Department of CSE



Department of Computer Science and Engineering

Don Bosco Institute of Technology

Mysore Road, Kumbalgotu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY

Mysore Road, Kumbalagodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the Project Phase-II entitled "AI-ENHANCED DEPRESSION ASSESSMENT , A MULTI -MODAL APPROACH" has been carried out by SHRINIDHI P [1DB20CS103], SINDHU SHREE G [1DB20CS108]and SURABHI K [1DB20CS112] ,the bonafide students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The Project Phase -II report has been approved as it satisfies the academic requirements in respect of the Project Phase-II prescribed for the Bachelor of Engineering Degree.

Prof. Ranjeet Kumar

BE, MTech

Associate Professor ,

Dept of CSE

Dr. K B Shiva Kumar

Professor and Head

ME, MBA, M.Phil, Ph.D
Dept. of Computer Science & Engineering

Don Bosco Institute of Technology

Kumbalagodu, Bangalore - 74

Dept of CSE

Dr. B S Nagabhushana

BE, MTech, Ph.D (IISc)

Principal,

PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

INTERNAL EXAMINER:

EXTERNAL EXAMINER:

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“Jnana Sangama”, Belagavi-590018.



FINAL YEAR PROJECT REPORT ON
“IDENTIFICATION OF EPILEPTIC
SEIZURE USING EEG DATA”

Submitted in partial fulfillment for the requirements for the award of the Degree of
BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING

Submitted by,

NAVYA N(1DB20CS075)

SHISHIRA MD(1DB20CS100)

SINCHANA S(1DB20CS107)

USHA N (1DB21CS121)

Under the guidance of

Dr. Hemanth Kumar N P,

Associate Professor

Dept. of CSE, DBIT



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074.

2023-2024



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that the Final year project work entitled "Identification of Epileptic seizure using EEG Data" is a work carried out by NAVYA N(1DB20CS075), SHISHIRA MD (1DB20CS100), SINCHANA S(1DB20CS107), USHA N(1DB20CS121) in partial fulfillment of award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final year project has been approved as it satisfies the academic requirements associated with the degree mentioned.

Signature of guide

.....

Dr.Hemanth Kumar N P
Associate Professor,
Dept. of CSE,
DBIT, Bengaluru.

Signature of HOD

.....

Dr. K B ShivaKumar
Professor & Head
Dept. of CSE,
DBIT, Bengaluru.

Signature of Principal

.....

Dr.B S Naghabhushana
Principal, DBIT
Bengaluru.

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

External Viva

Name of the Examiners

1. Ranjeet Kumar
2. R R R D

.....

Signature with Date

- 1.
- 2.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“Jnana Sangama”, Belagavi-590018.



FINAL YEAR PROJECT REPORT ON

“LIP TO SPEECH SYNTHESIS”

Submitted in partial fulfillment for the requirements for the award of the Degree of
BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by,

SIBI CHAKRAVARTHI S (1DB20CS105)

SUMAN S (1DB20CS111)

SUSHMA M (1DB20CS114)

VANDANA J V (1DB20CS122)

Under the guidance of

Ms. Thejaswini D

Assistant Professor

Dept of CSE



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
DON BOSCO INSTITUTE OF TECHNOLOGY

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that the Final year project work entitled "LIP TO SPEECH SYNTHESIS" is a work carried out by SIBI CHAKRAVARTHI S (1DB20CS105), SUMAN S (1DB20CS111), SUSHMA M (1DB20CS114), VANDANA J V (1DB20CS122) in partial fulfillment of award of Degree of Bachelor of Engineering in **Computer Science and Engineering** of Visvesvaraya Technological University, Belagavi, during the academic year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final year project has been approved as it satisfies the academic requirements associated with the degree mentioned.

Signature of guide

Thejaswini D
..... 18/5/24

Ms. Thejaswini D
Assistant Professor,
Dept. of CSE,
DBIT, Bengaluru.

Signature of HOD

Dr. R. S. Shivakumar
..... 18/5/24

Professor and Head
Dr. R. S. Shivakumar
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Dept. of CSE,
Kumbalagodu, Bangalore - 74
DBIT, Bengaluru.

Signature of Principal

Dr. B. S. Naghabhushana

Dr. B S Naghabhushana
Principal, DBIT
Bengaluru.

PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysuru Road,
Bengaluru - 560 074

Name of the Examiners :

N S GANESAN

Dr Manjunath Swamy B.E

Dr B.S. Naghabhushana

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“Jnana Sangama”, Belagavi – 590018, Karnataka.



Final Year Project Report on

**“LRS_PKI: A NOVEL BLOCKCHAIN-BASED PKI
FRAMEWORK USING LINKABLE RING
SIGNATURES”**

Submitted in partial fulfillment of the requirements of the
VIII Semester Degree of

BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

For the Academic Year: 2023-24

By

SRINIVAS S	1DB20CS110
TEJAS M	1DB20CS117
UDAY KIRAN N	1DB20CS120
SHASHANK D V	1DB21CS406

Under the Guidance of
Mrs. Saraswathi G Datar
Assistant Professor,
Department of CSE, DBIT



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Bengaluru-560074



Don Bosco Institute of Technology


Kumbalagodu, Bengaluru-560074

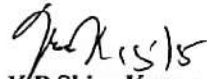
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

Certified that the Project on the topic **“LRS_PKI: A NOVEL BLOCKCHAIN-BASED PKI FRAMEWORK USING LINKABLE RING SIGNATURES”** has been successfully presented at Don Bosco Institute of Technology by **SRINIVAS S [1DB20CS120], TEJAS M [1DB20CS117], UDAY KIRAN N [1DB20CS120], SHASHANK D V [1DB21CS406]**, in the partial fulfillment of the award of Degree of Bachelor Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final year project has been approved as it satisfies the academic requirements associated with the degree mentioned.


Mrs. Saraswathi G Datar
Assistant Professor
Department of CSE
D.B.I.T,
Bengaluru-74


Dr. K B Shiva Kumar
Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
D.B.I.T,
Kumbalagodu, Bangalore - 74
Bengaluru-74

Dr. B S Nagabhushana
Principal
D.B.I.T,
Bengaluru -74

Name of External Examiner

Signature with date

1. S. GANESHAN
2. Dr. Manjunath Swamy B.E




VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum- 590 018



A Project Report-Phase

on

“Secure Cloud Search Using Dual with Key Encryption”

Submitted in the partial fulfilment of the requirements for the award of the Degree of

Bachelor of Engineering in Computer Science and Engineering
submitted by

ANKITH GOWDA M	[1DB20CS131]
ASWIN B PRASAD	[1DB20CS133]
ANISH A	[1DB20CS135]
AMRUTH KAGINAKAR	[1DB20CS136]

Under the guidance of

Mr. K S Raghu Kumar

Associate Professor

Department of CSE



Department of Computer Science and Engineering

Don Bosco Institute of Technology

Mysore Road, Kumbalgodu, Bengaluru-560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY

Mysore Road, Kumbalgodu, Bengaluru-560074

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the Project Phase-II entitled "Secure Cloud Search Using Dual with Key Encryption" has been carried out by ANKITH GOWDA M [1DB20CS131], ASWIN B PRASAD [1DB20CS133], ANISH A [1DB20CS135] and AMRUTH KAGINAKAR [1DB20CS136], the bonafide students of Don Bosco Institute of Technology, Bangalore in partial fulfillment for the award of the degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi during the academic year 2023-24. The Project Phase -II report has been approved as it satisfies the academic requirements in respect of the Project Phase-II prescribed for the Bachelor of Engineering Degree.

Mr. K S Raghu Kumar
Associate Professor,
Dept of CSE, DBIT

Professor and Head
Dr. K B Shiva Kumar
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalgodu, Bangalore - 74
Professor and Head,
Dept of CSE, DBIT

Dr. B S Nagabhushana
Principal,
PRINCIPAL
Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074.
EXTERNAL EXAMINER

INTERNAL EXAMINER:

Dr. Venugopalan Y
27/5/24.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
“Jnana Sangama”, Belagavi-590018.



FINAL YEAR PROJECT REPORT ON

“CARDAMOM PLANT LEAF DISEASE DETECTION”

Submitted in partial fulfillment for the requirements for the award of the Degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by,

SURESH M H (1DB20CS113)

T HAINDAVI (1DB20CS119)

VARSHINI M (1DB20CS124)

SINCHANA B M (1DB21CS407)

Under the guidance of

Mr. MOHAMMED KALEEM,

Assistant Professor

Dept. of CSE, DBIT



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru - 560074.

2023-2024



DON BOSCO INSTITUTE OF TECHNOLOGY
Kumbalagodu, Mysuru Road, Bengaluru - 560074.
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CERTIFICATE

This is to certify that the Final year project work entitled "Cardamom Plant Leaf Disease Detection" is a work carried out by SURESH M H (1DB20CS113), T HAINDAVI (1DB20CS119), VARSHINI M (1DB20CS124), SINCHANA B M (1DB21CS407) in partial fulfillment of award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final year project has been approved as it satisfies the academic requirements associated with the degree mentioned.

Signature of guide

.....
[Signature]

Mr. Mohammed Kaleem
Assistant Professor,
Dept. of CSE,
DBIT, Bengaluru.

Signature of HOD

.....
[Signature]

Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74

[Signature]

Signature of Principal

.....

Dr. B S Naghabhushana
Principal, DBIT
Bengaluru.

Name of External Examiners

1. Ibrahim
2. Dr. Venugethaiah

PRINCIPAL

Don Bosco Institute of Technology
Kumbalagodu, Mysore Road,
Bangalore - 560 074

Signature with Date

1. *[Signature]* 26/5/24
2. *[Signature]* 27/5/24

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum – 590 018



Final Year Project Report on

"BRAIN TUMOR DETECTION USING DEEP LEARNING"

Submitted in partial fulfillment of the requirements of the VIII Semester Degree of

BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE & ENGINEERING

For the Academic Year: 2023-24

By

DHRUVI B A (1DB20CS036)

BHADRAIAH B (1DB21CS400)

MEGHANA S M (1DB21CS401)

PUNITH R (1DB21CS402)

Under the Guidance of

Dr. HEMANTH KUMAR N P,

Associate Professor

Department of CSE, DBIT



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Bangalore – 560074



DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Bangalore – 560074



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the Final year project report entitled “**BRAIN TUMOR DETECTION USING DEEP LEARNING**” is a work carried out by DHRUVI B A(1DB20CS036), BHADRAIAH B(1DB21CS400),MEGHANA S M(1DB21CS401), PUNITH R (1DB21CS402) in partial fulfillment of the award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated. The Final year project has been approved as it satisfies the academic requirements associated with the degree mentioned.

Name of External Examiners

1. S GANESAN
2. Mangayathar Ganay B-E

Dr. Hemanth Kumar N P

Associate, Professor
Department of CSE
D.B.I.T.,
Bangalore-74

Dr. K B Shiva Kumar

Professor and Head
Dept. of Computer Science & Engineering
Don Bosco Institute of Technology
Kumbalagodu, Bangalore - 74

Signature with date

1. [Signature]
2. [Signature]

Dr. B S Nagabhushana

Principal
D.B.I.T
Bangalore -74

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi – 590018, Karnataka.



Final Year Project Report (18CSP83)
on

“CRIMINAL FACE DETECTION AND RECOGNITION”

Submitted in partial fulfillment for the award of degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

Project Associates

VIJAY KUMAR C S	1DB20CS125
VIVEK H K	1DB20CS128
YAMUNA T N	1DB20CS129
IMPANA G D	1DB20CS139

Under the Guidance of

Dr.Asha K H

Associate Professor

Department of Computer Science and Engineering

Don Bosco Institute of Technology



Department of Computer Science and Engineering

DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru-560074

2023-24

Don Bosco Institute of Technology
Kumbalagodu, Mysuru Road, Bengaluru-560074

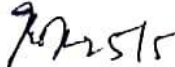
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING




CERTIFICATE

Certified that the Project on the topic "**Criminal Face Detection and Recognition**" has been successfully presented at Don Bosco Institute of Technology by **VIJAY KUMAR C S [1DB20CS125], VIVEK H K [1DB20CS128], YAMUNA T N [1DB20CS129], IMPANA G D [1DB20CS139]**, partial fulfillment of the requirements for the VIII Semester degree of **Bachelor of Engineering in Computer Science and Engineering** of Visvesvaraya Technological University, Belagavi during academic year 2023- 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the project work phase report deposited in the departmental library. The Project report has been approved as it satisfies the academic requirements in respect of the Project work phase I for the said degree.


Dr. Asha K H
Associate Professor,
Department of CSE
DBIT


Dr. K B Shiva Kumar
B.E., M.E., M.B.A., M.Phil., Ph.D,
FIE., MISTE., SM-IEEE
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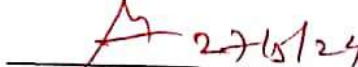

Dr. B S Nagabhushana
B.E., M.Tech., Ph.D(IISc)
Principal
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Don Bosco Institute of Technology
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Bangalore - 560 074.

EXAMINER:

1) 

Signature With Date

 27/5/24

2) 



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgaum-590018



A Project Report on

**“IOT BASED PLANT WATERING SYSTEM THROUGH SOIL
MOISTURE SENSING”**

Submitted in partial fulfillment of the requirements for the award of Degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

Submitted by

During the Academic year 2023-2024

AMARESH H	(1DB20CS010)
TEJAS S	(1DB20CS118)
VINUTHA H K	(1DB20CS126)
YASHWANTH N	(1DB20CS130)

Under the Guidance of
Mrs. Champa C H,
Assistant Professor,
Dept. of CSE, DBIT



DON BOSCO INSTITUTE OF TECHNOLOGY

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VISVESVARAYATECHNOLOGICALUNIVERSITY
DON BOSCO INSTITUTE OF TECHNOLOGY
BANGALORE-560074



CERTIFICATE

This is to certify that the final year Project report on the topic "IOT BASED PLANT WATERING SYSTEM THROUGH SOIL MOISTURE SENSING" has been successfully presented at Don Bosco Institute of Technology by AMARESH H(1DB20CS010), TEJAS S(1DB20CS118), VINUTHA H K(1DB20CS126), YASHWANTH N(1DB20CS130) in partial fulfillment of the requirements for the VIII Semester degree of Bachelor of Engineering in Computer Science and Engineering of Vivesvaraya Technological University, Belagavi during academic year 2023-2024. The Project report has been approved as it satisfies the academic requirements in respect of Project Phase-II for the Bachelor of Engineering Degree.

Champa CH
Mrs. Champa C H
Assistant Professor
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Dr. K B Shiva Kumar
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Bangalore - 560 074.

Name of External Examiners

1. Dr. D. Lalitha
2. Dr. Venugetha. Y

Signature with date

1. [Signature]
2. [Signature] 27/5/24

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Belagavi
Jnana Sangama, Belagavi – 560018



A Project Report - ~~Phase II~~

on

**“Blockchain Model for Smart Governance Using Logistics
Regression Solidity and Polygon Testnet”**

Submitted in the partial fulfilment of the requirements for the award of the Degree of

**Bachelor of Engineering
in
Computer Science and Engineering**

Submitted By

Prajwal G S	1DB20CS084
Sagar A	1DB20CS092
Sahil Sunil Govekar	1DB20CS093
Shashank Gowda R	1DB20CS098

Under the guidance of

Dr. Venugeetha Y

Professor

Department of CSE



Don Bosco Institute of Technology

Mysore Road, Kumbalgotu, Bengaluru – 560074

2023-2024



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE

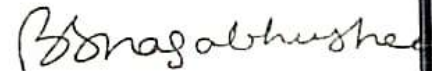
This is to certify that the Project Phase-II entitled "BLOCKCHAIN MODEL FOR SMART GOVERNANCE USING LOGISTICS REGRESSION SOLIDITY AND POLYGON TESTNET" been carried carried out by Prajwal G S (1DB20CS084), Sagar A (1DB20CS092), Sahil Govekar (1DB20CS093), SHASHANK GOWDA R (1DB20CS098), the bonafied DON BOSCO INSTITUTE OF TECHNOLOGY, Bengaluru, in the partial fulfilment of award of Degree of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belagavi, during the academic year 2023-24. The Project Phase -II has been approved as it satisfies the academic requirements in respect of the Project Phase-II prescribed for the Bachelor of Engineering Degree.


25/5/24

Dr. Venugeetha Y
B.E. (CSE), MSc (IT), MTech (CNE),
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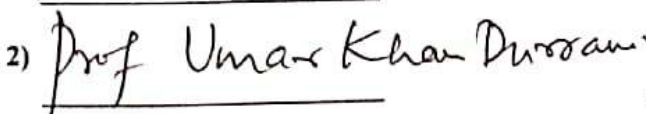
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