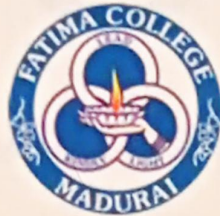# CRIME ANALYSIS MAPPING INTRUSION DETECTION USING DATA MINING

A Project work submitted to Fatima College (Autonomous) affiliated to

Madurai Kamaraj University in partial fulfillment of the requirements for the

Degree of Master of Science in Computer Science

Submitted by
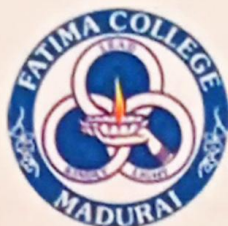
R. ANGEESHWARI (2022MSCB01)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE(Autonomous)
Re - Accredited with 'A++' Grade by NAAC (IV Cycle)
Mary Land, Madurai - 18

March - 2024

I

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled **"CRIME ANALYSIS MAPPING INTRUSION DETECTION USING DATA MINING"** is a bonafide record of the project work done by **R.Angeeshwari (2022MSCB01)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voice Examination held on <u>27.03.2024</u>

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project entitled **"CRIME ANALYSIS MAPPING INTRUSION DETECTION USING DATA MINING"** is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

.

R. Angeeshwari

Signature

Place: Madurai

Date: 27.03.2024

R. Angeeshwari(2022MSCB01)

JAYASRI INFO MEDIA

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. R.ANGEESHWARI (2022MSCB01) student of final year M.Sc.,(computer science) from FATIMA COLLEGE , Madurai .** she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"CRIME ANALYSIS MAPPING INTRUSION DETECTION USING DATA MINING"** in our organization **JAYASRI INFO MEDIA** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.
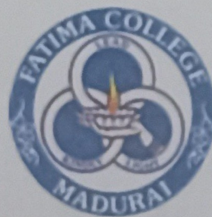
JAYASRI INFO MEDIA
MADURAI.

With Regards,

Project Manager

HERBAL SHOPPING KEYWORD SEARCH PATTERN ALGORITHM

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj
University in partial fulfillment of the requirements for the
Degree of Bachelor of Science in Computer Science

Submitted by

B.ANUPRIYA (2022MSCB02)

DEPARTMENT OF COMPUTER SCIENCE
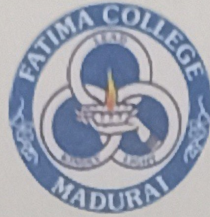
FATIMA COLLEGE (Autonomous)

Re-accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai-18

MARCH - 2024
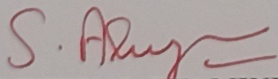
FATIMA COLLEGE (AUTONOMOUS), Madurai-18
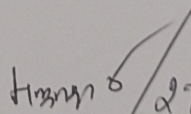
DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled "**HERBAL SHOPPING KEYWORD SEARCH PATTERN ALGORITHM**"is a bonafide record of the project work done by **B.ANUPRIYA(2022MSCB02)** in partial fulfillment of the requirement for the award of the Degree **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on 27.03.2024

INTERNAL EXAMINER   **EXTERNAL EXAMINER**

DECLARATION

I hereby declare that the project entitled "**HERBAL SHOPPING KEYWORD SEARCH PATTERN ALGORITHM**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

Place: Madurai

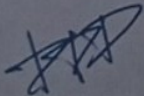**Date: 27.03.2024**

Signature

B.ANUPRIYA(2022MSCB02)

B.Anupriya

Embuzz
TECHNOLOGIES
THE VOICE OF EMBEDDED

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. B.ANUPRIYA (2022MSCB02) student of final year**
M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai . she has done her
INTERNSHIP FINAL YEAR PROJECT title on **"HERBAL SHOPPING KEYWORD**
SEARCH PATTERN ALGORITHM" in our organization **EMBUZZ TECHNOLOGY**
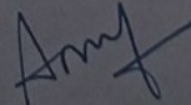**PRIVATE LIMITED** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also
regular in attendance.

Embuzz Technologies
Madurai.

Administrator

SARAN

Secretary

AMAR

RANDOM SPLIT PARTISION ENCRYPTION DATA IN CLOUD COMPUTING

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfilment of the requirements for the Degree of Master of Science in Computer Science

Submitted by

P. AROCKIA EUGINE BAPISTA (2022MSCB03)
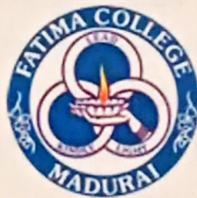
DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)
Re – Accredited with 'A++' Grade by NAAC (IV Cycle)
Mary Land, Madurai -18

MARCH - 2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18
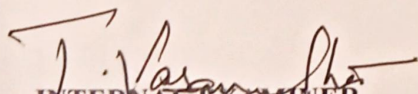
DEPARTMENT OF COMPUTER SCIENCE
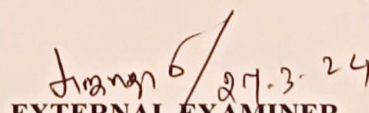
BONAFIDE CERTIFICATE

This is to certify that this project entitled "**RANDOM SPLIT PARTISION ENCRYPTION DATA IN CLOUD COMPUTING**" is a bonafide record of the project work done by P. AROCKIA EUGINE BAPISTA (2022MSCB03) in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on <u>27.03.2024</u>
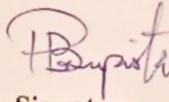
INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project entitled **"RANDOM SPLIT PARTISION ENCRYPTION DATA IN CLOUD COMPUTING"** is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

Place: Madurai

Signature

Date: 27.03.2024

P. AROCKIA EUGINE BAPISTA (2022MSCB03)

iii

JAYASRI INFO MEDIA

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. P. AROCKIA EUGINE BAPISTA (2022MSCB03) student of final year M.Sc.,(computer science) from FATIMA COLLEGE , Madurai .** she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"RANDOM SPLIT PARTISION ENCRYPTION DATA IN CLOUD COMPUTING"** in our organization **JAYASRI INFO MEDIA** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

JAYASRI INFO MEDIA
MADURAI.

With Regards,

Project Manager

BUG RESOLVING METHODOLOGY

A Project work submitted to Fatima College (Autonomous) affiliated to
Madurai Kamaraj University in partial fulfilment of the requirements for the
Degree of Master of Science in Computer Science

Submitted by

F.AROCKIYA LETICIA(2022MSCB04)

DEPARTMENT OF COMPUTER SCIENCE
FATIMA COLLEGE (Autonomous)
Re – Accredited with 'A++' Grade by NAAC (Cycle-IV)
Mary Land, Madurai-18.

MAR-2024

DEPARTMENT OF COMPUTER SCIENCE
FATIMA COLLEGE (Autonomous)
Re-Accredited with 'A++' grade by NAAC(Cycle-IV)
Mary Land, Madurai - 625 018

BONAFIDE CERTIFICATE

This is to certify that this project entitled **"BUG RESOLVING METHODOLOGY"** is a bonafide record of the project work done by **F.Arockiya leticia (2022MSCB04)** in partial fulfilment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on 27·03-2024

B. Margaretmary

INTERNAL EXAMINER

27-3-24

EXTERNAL EXAMINER

ii

DECLARATION

I hereby declare that the "BUG RESOLVING METHODOLOGY" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous), affiliated to Madurai Kamaraj University, in partial fulfilment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this documentation of project has not been submitted for getting any Degree or Diploma from any University or College.

Place: Madurai

Date: 27·03·2024

Signature

F.Arockiya leticia(2022MSCB04)

F. Arockiya Leticia

Neptunix technology

NT

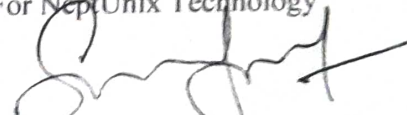
This is to certify that **Ms. F. AROCKIYA LETICIA (2022MSCB04) student of final year M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai** . she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"BUG RESOLVING METHODOLOGY"** in our organization **NEPTUNIX TECHNOLOGY** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

For NeptUnix Technology

Project Manager

---

19 th Meenakshi illam Krishnapuram colony madurai 14

8428438082

HANDWRITTEN DATA INTO TEXT FORMAT

A Project work submitted to Fatima College (Autonomous) affiliated to

Madurai Kamaraj University in partial fulfillment of the requirements for the

Degree of Master of Science in Computer Science

Submitted by

A. Dharinikaa (2022MSCB05)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE(Autonomous)

Re - Accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai - 18

March - 2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled **"HANDWRITTEN DATA INTO TEXT FORMAT"** is a bonafide record of the project work done by A. **Dharinikaa (2022MSCB05)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voice Examination held on 27.03.2024

B. Margaretmary
INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project entitled **"HANDWRITTEN DATA INTO TEXT FORMAT"** is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

Place: **Madurai**

Date: 27.03.2024

Signature

A. Dharinikaa (2022MSCB05)

KBS INFOTECH

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. A.DHARINIKAA (2022MSCB05) student of final year M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai** . she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"HANDWRITTEN DATA INTO DIGITAL FORMAT"** in our organization **KBS INFOTECH** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

Administrator

P.Saravana kumar

Secretary

M.Murali

+91 9751458899

Plot No. 60, Doak Nagar,Kalavasal,
Madurai – 625016.
www.kbsinfotech.in

PRIVACY PROTECTION BASED ACCESS CONTROL SCHEME IN CLOUD BASED SERVICES

A Project work submitted to Fatima College (Autonomous) affiliated to
Madurai Kamaraj University in partial fulfillment of the requirements for the
Degree of Master of Science in Computer Science

Submitted by

K.DHARSHINI (2022MSCB06)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)
Re – Accredited with 'A++' Grade by NAAC (IV Cycle)
Mary Land, Madurai-18.

MARCH – 2024

I

FATIMA COLLEGE (AUTONOMOUS), Madurai-18

DEPARTMENT OF COMPUTER SCIENCE

<u>BONAFIDE CERTIFICATE</u>

This is to certify that this project entitled "**PRIVACY PROTECTION BASED ACCESS CONTROL SCHEME IN CLOUD BASED SERVICES**" is a bonafide record of the project work done by **K.DHARSHINI (2022MSCB06)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on 27·03·2024

INTERNAL EXAMINER   **EXTERNAL EXAMINER**

DECLARATION

I hereby declare that the project entitled "**PRIVACY PROTECTION BASED ACCESS CONTROL SCHEME IN CLOUD BASED SERVICES**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous), affiliated to Madurai Kamaraj University, in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

Place: Madurai

Signature

Date: 27·03·2024

K.DHARSHINI (2022MSCB06)

Neptunix technology

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. K.DHARSHINI (2022MSCB06) student of final year M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai .** she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"PRIVACY PROTECTION BASED ACCESS CONTROL SCHEME IN CLOUD-BASED SERVICES"** in our organization **NEPTUNIX TECHNOLOGY** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

For NeptUnix Technology

Project Manager

8428438082

19 th Meenakshi illam Krishnapuram colony madurai 14

WASTAGE FOOD DELIVERY MAIL ALERT WEB SYSTEM IN ANDROID

A Project work submitted to Fatima College (Autonomous) affiliated to
MaduraiKamarajUniversityinpartialfulfillmentoftherequirementsforthe
DegreeofMasterofScienceinComputerScience

Submitted by

T. DIVYA SHREE (2022MSCB07)
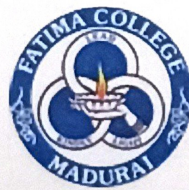
DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)
Re – Accredited with 'A++' Grade by NAAC (IV Cycle)
Mary Land, Madurai-18.

APRIL – 2024

I

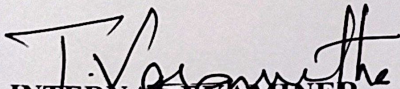# FATIMA COLLEGE (AUTONOMOUS), Madurai-18

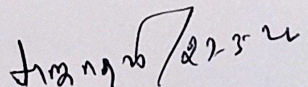## DEPARTMENT OF COMPUTER SCIENCE

<u>BONAFIDE CERTIFICATE</u>

This is to certify that this project entitled **"WASTAGE FOOD DELIVERY MAIL ALERT WEB SYSTEM IN ANDROID"** is a bonafide record of the project work done by **T. DIVYA SHREE (2022MSCB07)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on _27/03/2024_

INTERNAL EXAMINER   **EXTERNALEXAMINER**

II

DECLARATION

I hereby declare that the project entitled "**WASTAGE FOOD DELIVERY MAIL ALERT WEB SYSTEM IN ANDROID** " is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous), affiliated to Madurai Kamaraj University, in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

   I declare that this project work or any part thereof has not been submitted for gettingany   Degree or Diploma from any University or College.

Place: Madurai

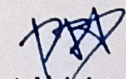**Date:** 27/03/2024

T. Tivya Shree

Signature

T.DIVYA SHREE (2022MSCB07)

III

Embuzz Technologies Private Limited

Embuzz
THE VOICE OF EMBEDDED

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. T.DIVYA SHREE (2022MSCB07)** student of final year **M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai** , she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"FOOD WASTAGE COLLECTING APP"** in our organization **EMBUZZ TECHNOLOGY PRIVATE LIMITED** during the period of December 2023 to March 2024 .
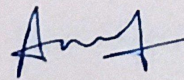
We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

Embuzz Technologies
Madurai.

Administrator

SARAN

Secretary

AMAR

IV

FACIAL EXPRESSION DETECTION

AND RECOGNITION SYSTEM

Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfillment of the requirements for the Degree of Bachelor of Science in Computer Science

Submitted by

S. DURGA (2022MSCB08)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re-accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai-18

MARCH - 2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled **"FACIAL EXPRESSION DETECTION AND RECOGNITION"** is a bonafide record of the project work done by Ms. **S. DURGA** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voice Examination held on 27.03.2024

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project entitled "**FACIAL EXPRESSION DETECTION AND RECOGNITION SYSTEM**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

.

Signature

Place: Madurai

Date: 27.03.2024

S.Durga (2022MSCB08)

KBS INFOTECH

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. S.DURGA (2022MSCB08) student of final year**
M.Sc.,(computer science) from **FATIMA COLLEGE ,Madurai** . she has done her
INTERNSHIP FINAL YEAR PROJECT title on **"FACIAL EXPRESSION DETECTION**
AND RECOGNITION SYSTEM " in our organization **KBS INFOTECH** during the
period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment
and was also regular in attendance.

Administrator
P.Saravana kumar

Secretary
M.Murali

+91 9751458899

Plot No. 60, Doak Nagar,Kalavasal,
Madurai - 625016.
www.kbsinfotech.in

NETWORK SPAM BASED DETECTION FRAMEWORK FOR RIVEW ONLINE SOCIAL MEDIA

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfillment of the requirements for the Degree of Master of Science in Computer Science

Submitted by

R.Gayathri sri (2022MSCB09)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re-accredited with 'A++' Grade by NAAC (IV Cycle)

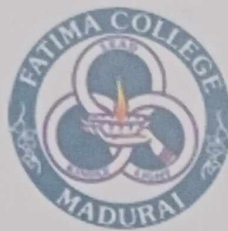**Mary Land, Madurai-18**

MARCH - 2024

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

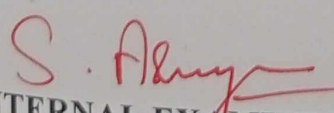### Re-accredited with 'A++' Grade by NAAC (IV Cycle)
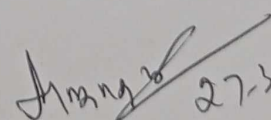
Mary Land,Madurai-18

BONAFIDE CERTIFICATE

This is to certify that this project entitled **"NETWORK SPAM BASED DETECTION FRAMEWORK FOR REVIEW IN ONLINE SOCIAL MEDIA"** is a bonafide record of the project work done by Ms. **R. Gayathri sri** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voice Examination held on 27.03.2024

INTERNAL EXAMINER   **EXTERNAL EXAMINER**

DECLARATION

I hereby declare that the project entitled "**NETWORK SPAM BASED DETECTION FRAMEWORK FOR REVIEW IN ONLINE SOCIAL MEDIA**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

.

Place: Madurai

Date: 27.03.2024

Signature

R.Gayathri sri(2022MSCB09)

R.Gayathrisri

Embuzz Technologies Private Limited

Embuzz
TECHNOLOGIES
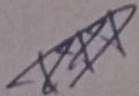
TO WHOMSOVER IT MAY CONCERN

This is to certify that Ms. R.GAYATHRI SRI (2022MSCB09) student of final year
M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai , she has done her
INTERNSHIP FINAL YEAR PROJECT title on "NETWORK SPAM BASED
DETECTION FRAMEWORK FOR REVIEWS IN ONLINE SOCIAL MEDIA" in our
organization EMBUZZ TECHNOLOGY PRIVATE LIMITED during the period of
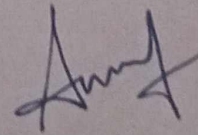December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also
regular in attendance.

Embuzz Technologies
Madurai.

Administrator

SARAN

Secretary

AMAR

Machine Learning Model for Predicting Risk of Depression in College Students

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfilment of the requirements for the Degree of Master of Science in Computer Science

Submitted by

1. A.S. JANANI (2022MSCB10)
2. K. PRIYADHARSHINI (2022MSCB16)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)
Re – Accredited with 'A++' Grade by NAAC (IV Cycle)
Mary Land, Madurai-18.

MARCH-2024

BONAFIDE CERTIFICATE

This is to certify that this "Machine Learning Model for Predicting Risk of Depression in College Students" is a bonafide record of the project work done by **A.S. Janani (2022MSCB10) & K. Priyadharshini (2022MSCB16)** in partial fulfilment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on ___21 03 2024___

P. Meenalosi

INTERNAL EXAMINER

27-3-24

EXTERNAL EXAMINER

II

DECLARATION

I hereby declare that the "**Machine Learning Model for Predicting Risk of Depression in College Students**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous), affiliated to Madurai Kamaraj University, in partial fulfilment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

1. A.S. Janani(2022MSCB10),
2. K. Priyadharshini(2022MSCB16)

Place: Madurai

Date: 27.3.2024

III

Dr.S.Vidya
Associate Professor and Head
Department of Computer Science

TO WHOMSOVER IT MAY CONCERN

This is to certify that A.S. JANANI(2022MSCB10) & K.PRIYADHARSHINI(2022MSCB16) students of final year M.Sc.(Computer Science) from FATIMA COLLEGE, Madurai have done their **FINAL YEAR PROJECT** titled **"MACHINE LEARNING MODEL FOR PREDICTING RISK OF DEPRESSION IN COLLEGE STUDENTS"** in the Department of Computer Science during December 2023 to March 2024.

During the period they shown keen interest in their assignment and were also regular in attendance.

P. Meenakshi

Project Guide
Dr. P. Meenakshi Sundari
Assistant Professor,
Department Of Computer Science,
Fatima College, Madurai

Dr. S.Vidya.

HEAD
Department of Computer Science
Fatima College (Autonomous)
Madurai - 625 018

Machine Learning Model for Predicting Risk of Depression in College Students

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfilment of the requirements for the Degree of Master of Science in Computer Science

Submitted by

1. A.S. JANANI (2022MSCB10)
2. K. PRIYADHARSHINI (2022MSCB16)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)
Re – Accredited with 'A++' Grade by NAAC (IV Cycle)
Mary Land, Madurai-18.

MARCH-2024

I

FATIMA COLLEGE (Autonomous)
Re – Accredited with 'A++' Grade by NAAC (IV Cycle)
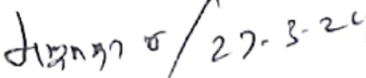Mary Land, Madurai-18.

BONAFIDE CERTIFICATE

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Submitted for the Viva-Voce Examination held on __21 03 2024__

P. Meenaksi

INTERNAL EXAMINER

27-3-24

EXTERNAL EXAMINER

DECLARATION

I hereby declare that the "**Machine Learning Model for Predicting Risk of Depression in College Students**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous), affiliated to Madurai Kamaraj University, in partial fulfilment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

Place: Madurai

1. A.S. Janani(2022MSCB10),
2. K. Priyadharshini(2022MSCB16)

Date: 27. 3. 2024

Dr.S.Vidya
Associate Professor and Head
Department of Computer Science

TO WHOMSOVER IT MAY CONCERN

This is to certify that A.S. JANANI(2022MSCB10) & K.PRIYADHARSHINI(2022MSCB16) students of final year M.Sc.(Computer Science) from FATIMA COLLEGE, Madurai have done their **FINAL YEAR PROJECT** titled **"MACHINE LEARNING MODEL FOR PREDICTING RISK OF DEPRESSION IN COLLEGE STUDENTS"** in the Department of Computer Science during December 2023 to March 2024.

During the period they shown keen interest in their assignment and were also regular in attendance.

P. Meenaleshi

Project Guide
Dr. P. Meenakshi Sundari
Assistant Professor,
Department Of Computer Science,
Fatima College, Madurai

Dr. S.Vidya.

HEAD
Department of Computer Science
Fatima College (Autonomous)
Madurai - 625 018

ANALYSING FACIAL EMOTION FOR CHILDREN WITH AUTISM

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfillment of the requirements for the Degree of Master of Science in Computer Science

Submitted by

R. Kousigavardhini (2022MSCB11)
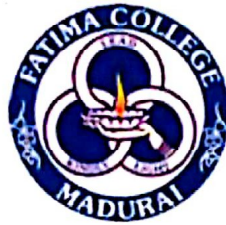
DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re-accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai-18

MARCH - 2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled **"ANALYSING FACIAL EMOTION FOR CHILDREN WITH AUTISM"** is a bonafide record of the project work done by Ms. **R. KOUSIGAVARDHINI (2022MSCB11)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voice Examination held on 27.03.2024

INTERNAL EXAMINER   EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project entitled **"ANALYSING FACIAL EMOTION FOR CHILDREN"** is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

Place: **Madurai**

Date: **27.03.2024**

Signature

R. Kousigavardhini

(2022MSCB11)

KBS INFOTECH

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. R. KOUSIGAVARDHINI (2022MSCB11) student of final** ~~(Computer science) from FATIMA COLLEGE, Madurai. she has done~~ her **INTERNSHIP FINAL YEAR PROJECT** title on **"ANALYSING FACIAL EMOTION FOR CHILDREN WITH AUTISM"** in our organization **KBS INFOTECH** during the period of December 2023 to March 2024.

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

Administrator
P.Saravana kumar

Secretary
M.Murali

+91 9751458899

Plot No. 60, Doak Nagar, Kalavasal,
Madurai – 625016.
www.kbsinfotech.in

AUTO TEXT GENERATION AND COMPLETION

A Project work submitted to Fatima College (Autonomous) affiliated to
Madurai Kamaraj University in partial fulfillment of the requirements for the
Degree of Master of Science in Computer Science

Submitted by

K. Krishnaveni (2022MSCB12)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE(Autonomous)

Re - Accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai - 18

March - 2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

is is to certify that this project entitled **"AUTO TEXT GENERATION AND COMPLETION"** is

onafide record of the project work done by **K. Krishnaveni (2022MSCB12)** in partial fulfillment of

the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER**

SCIENCE.

Submitted for the Viva-Voice Examination held on 27.03.2024

B. MargaretMary

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project entitled **"AUTO TEXT GENERATION AND COMPLETION"** is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

K. Krishnaveni

Signature

Place: **Madurai**

Date: 27.03.2024

K. Krishnaveni (2022MSCB12)

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. K. KRISHNAVENI (2022MSCB12) student of final year M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai .** she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"AUTO TEXT GENERATION AND COMPLETION"** in our organization **KBS INFOTECH** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

Administrator

P.Saravana kumar

Secretary

M.Murali

IT INTERVIEW SECTOR ON COMPILER

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfillment of the requirements for the

Degree of Master of Science in Computer Science

Submitted by

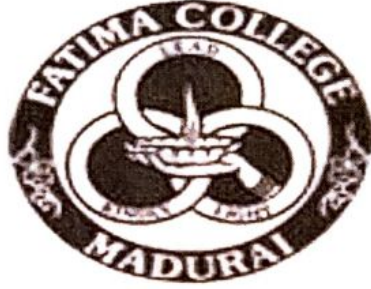## R.V.MANI SANKARI(2022MSCB13)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re – Accredited with 'A++' Grade by NAAC (IV Cycle)
Mary Land, Madurai-18.

APRIL – 2024

FATIMA COLLEGE (AUTONOMOUS), Madurai-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled "**INTERVIEW SECTOR ON COMPILER**" is a bonafide record of the project work done by **R.V.MANI SANKARI (2022MSCB13)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on **27° 3° 24**

INTERNAL EXAMINER   **EXTERNAL EXAMINER**

DECLARATION

I hereby declare that the project entitled "**INTERVIEW SECTOR ON COMPILER**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous), affiliated to Madurai Kamaraj University, in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diplomafrom any University or College.

Place: Madurai

Date: 27.3.24

Signature

R..V. MANISANKARI(2022MSCB13)

Embuzz Technologies Private Limited

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. R.V.MANI SANKARI (2022MSCB13) student of final year M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai** . she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"IT INTERVIEW SECTOR ON COMPILE"** in our organization **EMBUZZ TECHNOLOGY PRIVATE LIMITED** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

Embuzz Technologies
Madurai.

Administrator

SARAN

Secretary

AMAR

SECURE AND EFFICIENT DATA DUBLICATION IN CLOUD

A Project work subMitted to Fatima College (Autonomous) affiliated to Madurai
KamarajUniversity in partial fulfillment of the requirements for the
Degree of Master of Science in Computer Science
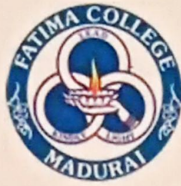
SubMitted by

M.NANCY (2022MSCB14)
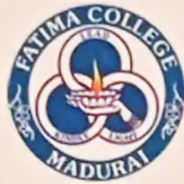
DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)
Re – Accredited with 'A++' Grade by NAAC (IV Cycle)
Mary Land, Madurai-18.

March – 2024

FATIMA COLLEGE (AUTONOMOUS), Madurai-18

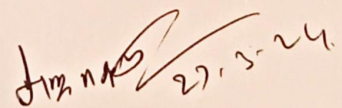## DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled "**SECURE AND EFFICIENT DATA DUBLICATION IN CLOUD**" is a bonafide record of the project work done by **M.NANCY (2022MSCB14)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

SubMitted for the Viva-Voce Examination held on 27.03.2024

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project entitled "**SECURE AND EFFICIENT DATA DUBLICATION IN CLOUD**" is a project report of the original work done by me. This project work is subMitted to Fatima College (Autonomous), affiliated to Madurai Kamaraj University, in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been subMitted for getting any Degree or Diploma from any University or College.

Place: Madurai

Signature

Date: 27.03.2024.

M.NANCY (2022MSCB14)

JAYASRI INFO MEDIA

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. M. NANCY (2022MSCB14) student of final year M.Sc.,(computer science)** **from FATIMA COLLEGE , Madurai .** she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"SECURE AND EFFICIENT DATA DUPLICATION"** in our organization **JAYASRI INFO MEDIA** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

JAYASRI INFO MEDIA
MADURAI.

With Regards,

Project Manager

HIERARCHICAL SECURE FILE SHARING IN CLOUD

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai
Kamaraj University in partial fulfillment of the requirements for the
Degree of Master of Science in Computer Science

Submitted by

M.Poornima(2022MSCB15)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re-accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai-18

MARCH - 2024

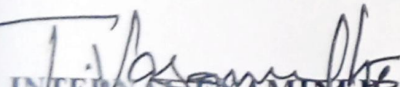## FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

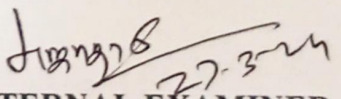## DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled **"HIERARCHICAL SECURE FILE SHARING IN CLOUD"** is a bonafide record of the project work done by Ms. **M.Poornima (2022MSCB15)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voice Examination held on 27.03.2024

INTERNAL EXAMINER   EXTERNAL EXAMINER

ii

DECLARATION

I hereby declare that the project entitled "**HIERARCHICAL SECURE FILE SHARING IN CLOUD**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

.

Place: Madurai

Date: 27.03.2024

Signature

M.Poornima

(2022MSCB15)

iii

JAYASRI INFO MEDIA

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. M.POORNIMA (2022MSCB15) student of final year M.Sc.,(computer science) from FATIMA COLLEGE , Madurai** . she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"HIERARCHICAL SECURE FILE SHARING CLOUD"** in our organization **JAYASRI INFO MEDIA** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

JAYASRI INFO MEDIA
MADURAI.

With Regards,

Project Manager

RAMYA CRACKERS ONLINE SHOPPING APP

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfillment of the requirements for the Degree of Master of Science in Computer Science

Submitted by

A.Rexlin Freeda (2022MSCB17)

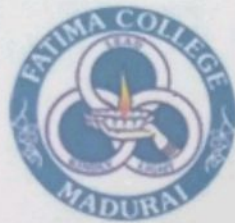## DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re-accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai-18

MARCH - 2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled **"RAMYA CRACKERS ONLINE SHOPPING APP"** is a bonafide record of the project work done by Ms. **A.Rexlin Freeda** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voice Examination held on 27 - 3 - 2024

INTERNAL EXAMINER   **EXTERNAL EXAMINER**

DECLARATION

I hereby declare that the project entitled **"RAMYA CRACKERS ONLINE SHOPPING APP"** is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.
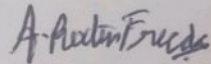
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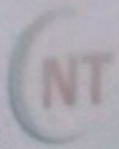
Place: Madurai

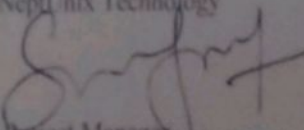Date: 27-3-2024

Signature

A.Rexlin Freeda (2022MSCB17)

A.RexlinFreeda

Neptunix technology

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. A.REXLIN FREEDA (2022MSCB17) student of final year M.Se.,(computer science) from FATIMA COLLEGE ,Madurai .** she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"RAMYA CRACKERS ONLINE SHOPPING APP"** in our organization **NEPTUNIX TECHNOLOGY** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

For NeptUnix Technology

Project Manager

8428438082

No. 6, Meenakshi illam Krishnapuram colony madurai 14

PREDICTING MEASURES TO OVERCOME THE MENTAL INSECURITIES IN WOMEN USING MACHINE LEARNING MODELS

A Project work submitted to Fatima College (Autonomous) affiliated Madurai Kamaraj University in partial fulfilment of the requirements for the Degree of Master of Science in Computer Science

Submitted by:

J. ROSARY NANCY (2022MSCB18)

P. SNEKA (2022MSCB21)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re – Accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai-18.

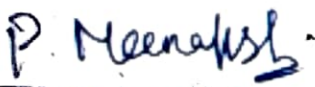**MARCH – 2024**

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled "**Predicting Measures to Overcome the Mental Insecurities in Women Using Machine Learning Models**" is a bonafide record of the project work done by **J. ROSARY NANCY (2022MSCB18)** and **P. SNEKA (2022MSCB21)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on ___27.03.2024___

INTERNAL EXAMINER

EXTERNAL EXAMINER

ii

DECLARATION

We hereby declare that the project entitled "**Predicting Measures to Overcome the Mental Insecurities in Women Using Machine Learning Models**" is a project report of the original work done by myself. This project work is submitted to Fatima College (Autonomous) Affiliated to Madurai Kamaraj University in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

Place: Madurai

Date: 27.03.2024

J. Rosary Nancy
P. Sneka
Signature

J. ROSARY NANCY
P. SNEKA

Dr.S.Vidya
Associate Professor and Head
Department of Computer Science

TO WHOMSOVER IT MAY CONCERN

This is to certify that **J. ROSARY NANCY (2022MSCB18) & P.SNEKA(2022MSCB21)** students of final year M.Sc.(Computer Science) from FATIMA COLLEGE, Madurai have done their **FINAL YEAR PROJECT** titled **"PREDICITNG MEASURES TO OVERCOME THE MENTAL INSECURITIES IN WOMEN USING MACHINE LEARNING MODELS"** in the Department of Computer Science during December 2023 to March 2024.

During the period they shown keen interest in their assignment and were also regular in attendance.

Dr. S.Vidya

HEAD
Department of Computer Science
Fatima College (Autonomous)
Madurai - 625 018

Project Guide
Dr. P. Meenakshi Sundari
Assistant Professor,
Department Of Computer Science,
Fatima College, Madurai

FARMER WEB APP

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfillment of the requirements for the Degree of Bachelor of Science in Computer Science

Submitted by

T.SHARMITHA (2022MSCB19)
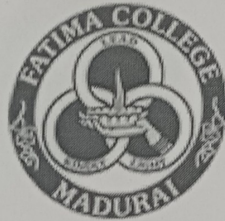
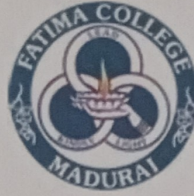

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re-accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai-18

MARCH - 2024

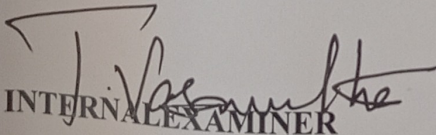## FATIMA COLLEGE (AUTONOMOUS), Madurai-18
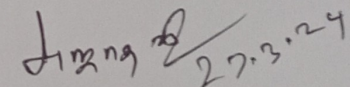## DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled "**Farmer web app**" is a bonafide record of the project work done by **T. SHARMITHA (2022MSCB19)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on 27.03.2024

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project entitled "**FARMER WEB APP**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous), affiliated to Madurai Kamaraj University, in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2022-2023.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.
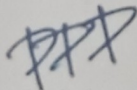
Place: Madurai

Date: 27. 03 .24

Signature

T.SHARMITHA(2022MSCB19)

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. T.SHARMITHA (2022MSCB19) student of final year M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai** . she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"FARMER WEB APP"** in our organization **EMBUZZ TECHNOLOGY PRIVATE LIMITED** during the period of December 2023 to March 2024
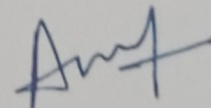
We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

Embuzz Technologies
Madurai.

Administrator

SARAN

Secretary

AMAR

SAI ENTERPRISES SYSTEM

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfilment of the requirements for the Degree of Master of Science in Computer Science

Submitted by

M.SNEGHA (2022MSCB20)

DEPARTMENT OF COMPUTER SCIENCE
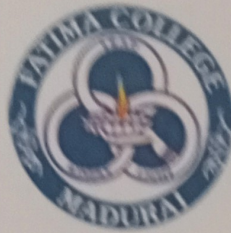
FATIMA COLLEGE (Autonomous)
Re – Accredited with 'A++' Grade by NAAC (Cycle-4)
Mary Land, Madurai-18.

MARCH – 2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled "SAI ENTERPRISES SYSTEM" is a Bonafide record of the project work done by M.SNEGHA (2022MSCB20),) in partial fulfillment of the requirement for the award of the Degree of MASTER OF SCIENCE in COMPUTER SCIENCE.

Submitted for the Viva-Voce Examination held on 27.03.2024

B. Margaretmary

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

       I hereby declare that the project entitled "**SAI ENTERPRISES SYSTEM**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfilment of the Degree of Master of Science in Computer Science during the academic year 2022-2023.
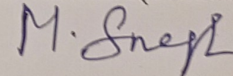
       I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

Place: Madurai

Date:27.03.2024

Signature

M.SNEGHA(2022MSCB20)

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. M.SNEGHA (2022MSCB20)student of final year**
M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai . she has done her
INTERNSHIP FINAL YEAR PROJECT title on **"SAI ENTERPRISES SYSTEM"** in
our organization **EMBUZZ TECHNOLOGY PRIVATE LIMITED** during the period of
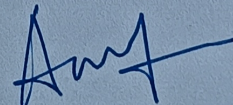December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also
regular in attendance.

Embuzz Technologies
Madurai.

Administrator

SARAN

Secretary

AMAR

PREDICTING MEASURES TO OVERCOME THE MENTAL INSECURITIES IN WOMEN USING MACHINE LEARNING MODELS

A Project work submitted to Fatima College (Autonomous) affiliated Madurai Kamaraj University in partial fulfilment of the requirements for the Degree of Master of Science in Computer Science

Submitted by:

J. ROSARY NANCY (2022MSCB18)

P. SNEKA (2022MSCB21)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re – Accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai-18.

MARCH – 2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled "**Predicting Measures to Overcome the Mental Insecurities in Women Using Machine Learning Models**" is a bonafide record of the project work done by **J. ROSARY NANCY (2022MSCB18)** and **P. SNEKA (2022MSCB21)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on ___27.03.2024___

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

We hereby declare that the project entitled "**Predicting Measures to Overcome the Mental Insecurities in Women Using Machine Learning Models**" is a project report of the original work done by myself. This project work is submitted to Fatima College (Autonomous) Affiliated to Madurai Kamaraj University in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

Place: Madurai

Date: 27.03.2024

J. Rosary Nancy
P. Sneka
Signature

J. ROSARY NANCY
P. SNEKA

Dr.S.Vidya
Associate Professor and Head
Department of Computer Science

TO WHOMSOVER IT MAY CONCERN

This is to certify that **J. ROSARY NANCY (2022MSCB18) & P.SNEKA(2022MSCB21)** students of final year M.Sc.(Computer Science) from FATIMA COLLEGE, Madurai have done their **FINAL YEAR PROJECT** titled **"PREDICITNG MEASURES TO OVERCOME THE MENTAL INSECURITIES IN WOMEN USING MACHINE LEARNING MODELS"** in the Department of Computer Science during December 2023 to March 2024.

During the period they shown keen interest in their assignment and were also regular in attendance.

Dr. S.Vidya

HEAD
Department of Computer Science
Fatima College (Autonomous)
Madurai - 625 018

P. Meenakshi

Project Guide
Dr. P. Meenakshi Sundari
Assistant Professor,
Department Of Computer Science,
Fatima College, Madurai

ENCRYPTION IMAGE BINDING WITH SECRET KEY USING VISUAL CRYPTOGRAPHY METHOD FOR SECURE VOTING SYSTEM

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfillment of the requirements for the Degree of Master of Science in Computer Science.

Submitted by

B.SWETHA (2022MSCB22)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re-Accredited with 'A++' Grade by NAAC(IV Cycle)

Mary Land,Madurai-18.

MARCH- 2024

FATIMA COLLEGE (AUTONOMOUS), Madurai-18

DEPARTMENT OF COMPUTER SCIENCE

<u>BONAFIDE CERTIFICATE</u>

This is to certify that this project entitled **"ENCRYPTION IMAGE BINDING WITH SECRET KEY USING VISUAL CRYPTOGRAPHY METHOD FOR SECURE VOTING SYSTEM"** is a bonafide record of the project work done by **B.SWETHA (2022MSCB22)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voce Examination held on 27·03·2024

INTERNAL EXAMINER   **EXTERNAL EXAMINER**

ii

DECLARATION

I hereby declare that the project entitled "ENCRYPTION IMAGE BINDING WITH SECRET KEY USING VISUAL CRYPTOGRAPHY METHOD FOR SECURE VOTING SYSTEM" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part there of has not been submitted for getting any Degree or Diploma from any University or College.

Place: Madurai

B.Swetha

Signature: B.SWETHA (2022MSCB22)

Date: 27·03·2024

TO WHOMSOVER IT MAY CONCERN

This is to certify that Ms. B.SWETHA (2022MSCB22) student of final year M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai . she has done her INTERNSHIP FINAL YEAR PROJECT title on "ENCRYPTION IMAGE BINDING WITH SECRET KEY [VOTING CONCEPT]" in our organization EMBUZZ TECHNOLOGY PRIVATE LIMITED during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

Embuzz Technologies
Madurai.

Administrator

SARAN

Secretary

AMAR

AMAZON FAKE REVIEW CLASSIFICATION USING MACHINE LEARNING

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfillment of the requirements for the

Degree of Master of Science in Computer Science

Submitted by

M. VARSHINI (2022MSCB23)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re-accredited with 'A++' Grade by NAAC (IV Cycle)

Mary Land, Madurai-18

MARCH - 2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled "**AMAZON FAKE REVIEW CLASSIFICATION USING MACHINE LEARNING**" is a bonafide record of the project work done by Ms. **M.VARSHINI (2022MSCB23)** in partial fulfillment of the requirement for the award of the Degree of **MASTER OF SCIENCE** in **COMPUTER SCIENCE.**

Submitted for the Viva-Voice Examination held on ___27·03·2024___

INTERNAL EXAMINER   EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project entitled "**AMAZON FAKE REVIEW CLASSIFICATION USING MACHINE LEARNING**" is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Master of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or Diploma from any University or College.

.

Place: Madurai

Date: 27.03.2024

M.Varshy

Signature

M.VARSHINI

(2022MSCB23)

K3S INFOTECH

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. M.VARSHINI (2022MSCB23) student of final year M.Sc.,(computer science) from FATIMA COLLEGE ,Madurai .** she has done her **INTERNSHIP FINAL YEAR PROJECT** title on **"AMAZON FAKE REVIEW CLASSIFICATION USING MACHINE LEARNING"** in our organization **KBS INFOTECH** during the period of December 2023 to March 2024 .

We have that during the period she has shown keen interest in her assignment and was also regular in attendance.

Administrator

P.Saravana kumar

Secretary

M.Murali

+91 9751458899

Plot No. 60, Doak Nagar,Kalavasal,
Madurai - 625016.
www.kbsinfotech.in