LINE FOLLOWING ROBOT CAR

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

J. SAMYUKTHA

(2021BC30)

Under the Guidance of

Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)
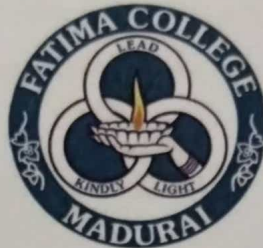
Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

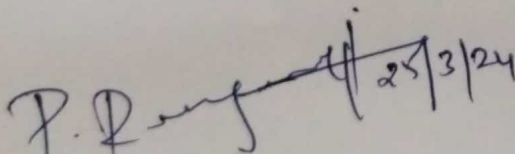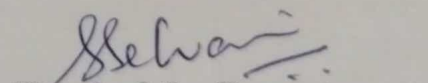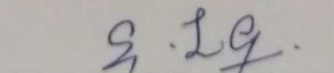## FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

<u>BONAFIDE CERTIFICATE</u>

This is to certify that the project entitled "**LINE FOLLOWING ROBOT CAR**" is a Bonafide record of the project work done by **J. SAMYUKTHA (2021BC30).** This is submitted in partial fulfilment for the award of the Degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on ___25.03.2024___

P. R~~~~ 25/3/24

Internal Examiner
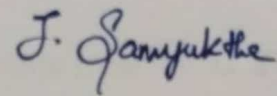
Selva~

Head of the Department

S.Lg.

External Examiner

DECLARATION

I hereby declare that the project work entitled **"LINE FOLLOWING ROBOT CAR"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"Futurik Technologies"**, under the guidance of **Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 25.03.2024

(J. SAMYUKTHA)

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Miss J. SAMYUKTHA [2021BC30] Fatima College,** pursuing final year **BCA** is Completed for her Project Title **"LINE FOLLOWING ROBOT CAR"** in the platform of IoT at Futurik Technologies Madurai From November 28th 2023 To March 15th 2024.

FUTURIK TECHNOLOGIES

Project Manager

📞 +91 96559 79888   💻 www.futuriktechnologies.com

📍 Plot 60, Railar Nagar, 1st Street, Thamarai Veethi, Shanthi Nagar, Madurai – 625018.

DIGITAL PG MANAGEMENT PROVIDER

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

S. SHANMUGAPRIYA

(2021BC31)

Under the Guidance of

Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)
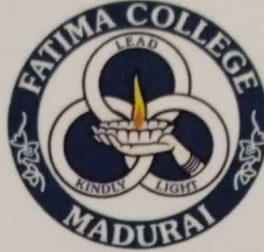
Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS
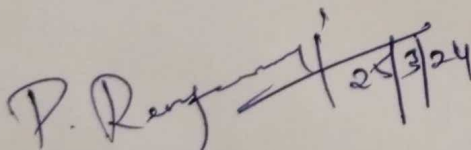
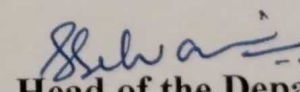## FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
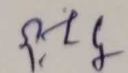
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**DIGITAL PG MANAGEMENT PROVIDER**" is a bonafide record of the project work done by **S. SHANMUGAPRIYA (2021BC31)**. This is submitted in partial fulfilment for the award of the Degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on ___25·03·2024___

P. Ranj 25/3/24

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"DIGITAL PG MANAGEMENT PROVIDER"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SCOPE TECH SOFTWARE SOLUTION"**, under the guidance of **Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

S.chanmugapriya.

Date: 25 - 03 · 2024

(S. SHANMUGAPRIYA)

Scope Tech Software Solution

STS
Scope Tech Software Solution

Training and Development

Authorized District Center

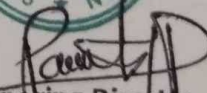UDYAM-TN-12-0012361   Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. S. SHANMUGAPRIYA (2021BC31)**, Fatima College, pursuing final year BCA has completed her project entitled **"DIGITAL PG MANAGEMENT PROVIDER"** in the platform **PYTHON DJANGO AND MYSQL** at Scope Tech Software Solution, Madurai from **28th November 2023 to 15th March 2024**.

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

6383406578 | 9600936470

scopetechsoftwaresolution@gmail.com

scopetech-software-solution.business.site

16/1, Kalki bhavan, Visuvasapuri 4th street,

Opposite to sastha oil mill, Gnanaolivupuram

Madurai - 625016

TALK TO YOUR GUARDIAN ANGEL

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

SREENITHI G
(2021BC32)

Under the Guidance of

MS. J. AROCKIA JACKULINE JONI M.Sc., M.Phil., (Ph.D.),
Assistant Professor

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"TALK TO YOUR GUARDIAN ANGEL"** is a bonafide record of the project work done by **SREENITHI G (2021BC32)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on $\underline{25\cdot03\cdot2024}$

Internal Examiner

Head of the Department

External Examiner

2

DECLARATION

I hereby declare that the project work entitled **"TALK TO YOUR GUARDIAN ANGEL"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SQUIRREL BYTES TECHNOLOGIES"**, under the guidance **MS. J. AROCKIA JACKULINE JONI M.Sc., M.Phil., (Ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Date: 25·03·2024

G·Sreenithi

Signature of the candidate

SREENITHI G

(2021BC32)

Project Completion Letter

March 14, 2024

Sreenithi G(2021BC32),
Fatima college Autonomous,
Madurai.

Dear Sreenithi G ,

We are pleased to confirm our offer to Ms. Sreenithi G(2021BC32) has successfully completed her project entitled **"Talk to Your Gaurdian Angel"** She was pursuing her BCA final year at Fatima College (Autonomous), Madurai, and has demonstrated exceptional dedication and skill throughout the project.

The project involved developing a **"Talk to Your Gaurdian Angel"** using PHP as the front end and MYSQL as the back end, with a duration spanning five months from November 2023 to March 2024.

We extend our best wishes to Ms. Sreenithi G for his outstanding efforts in ensuring the success of this project.

Best wishes,

Karthikeyan
CTO

E-CANTEEN FOOD ORDER SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment

Of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

T. THILLAI INDHU

(2021BC35)

Under the Guidance of

Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)
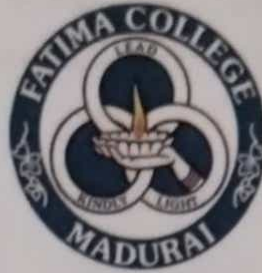
Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS
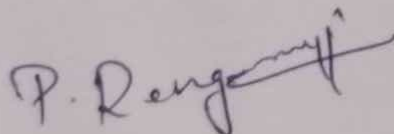
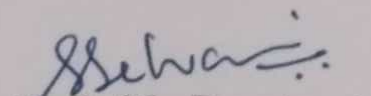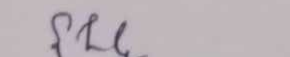## FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "E-CANTEEN FOOD ORDER SYSTEM" is a bonafide record of the project work done by **T. THILLAI INDHU (2021BC35)**. This is submitted in partial fulfilment for the award of the Degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on ___25·03·2024___

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"E-CANTEEN FOOD ORDER SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SCOPE TECH SOFTWARE SOLUTION"**, under the guidance of **Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Date: 25·03·2024

Signature of the candidate

T. Thillai Indhu

(T.THILLAI INDHU)

Scope Tech Software Solution

Training and Development

Authorized District Center

UDYAM-TN-12-0012361

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. T. THILLAI INDHU (2021BC35)**, Fatima College, pursuing final year BCA has completed her project entitled "**E-CANTEEN FOOD ORDER SYSTEM**" in the platform **PYTHON DJANGO AND MYSQL** at Scope Tech Software Solution, Madurai from **November 28th 2023 to March 15th 2024.**

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

LEARN CODING THROUGH GAME

A Project Submitted to Madurai Kamaraj University in partial fulfillment of the
requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS
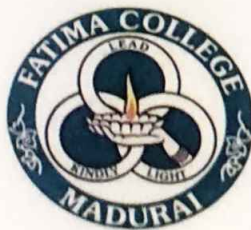
Submitted by

KEERTHI M

(2021BC37)

Under the Guidance of

Mrs. S. Nirmala Devi, M.Sc., M.Phil., NET, (Ph.D.)

Assistant Professor

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
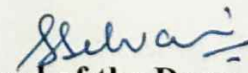
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**LEARN CODIND THROUGH GAME**" is a bonafide record of the project work done by **KEERTHI M (2021BC37).** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on 25|03|2023

Internal Examiner
23/03/24

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"LEARN CODING THROUGH GAME"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SHIKSHAA"**, under the guidance of **Mrs.S.Nirmala Devi, M.Sc., M.Phil., NET, (Ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 23/03/2024

Keerthi

(KEERTHI M)

TO WHOM SO EVER IT MAY CONCERN

This is to certify Ms. M.Keerthi [2021BC37] – III BCA of
Fatima College, has completed her project entitled, "Learn Coding
Through Game" in the platform Python from 28 th November 2023 to
15 th March 2024.

For Shikshaa Simple Learn

Authorized Signature

LINBOT

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

M.LINGA SNEHA

2021BC38

Under the Guidance of

Mrs.S.Nirmala Devi, M.Sc., M.Phil., NET, (Ph.D.)

Assistant Professor

Department of Computer Applications
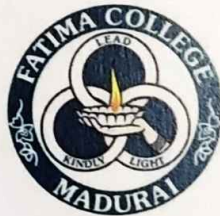
FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)
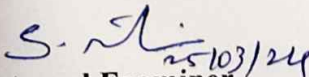
Madurai-625 018
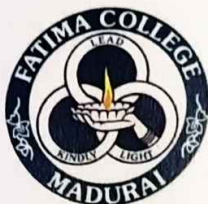
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**LINBOT**" is a bonafide record of the project work done by **M.LINGA SNEHA(2021BC38)** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on ___25.03.2024___

Internal Examiner 25/03/24

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"LINBOT"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at "**Futurik Technologies**", under the guidance of **Mrs.S.Nirmala Devi, M.Sc., M.Phil., NET,(ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

M. Linga Sneha

(M.LINGA SNEHA)

Date: 25.03.2024

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. M. LINGA SNEHA [2021BC38]** – III BCA of Fatima College, has completed her project entitled, **"LINBOT"** in the platform Django at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

Head Operation
For FUTURIK TECHNOLOGIES

E-COMMERCE WEBSITE

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of
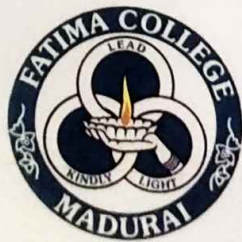
BACHELOR OF COMPUTER APPLICATIONS

Submitted by

S.MATHI

(2021BC40)

Under the Guidance of

Mrs. S. Nirmala Devi, M.Sc., M.Phil., NET, (Ph.D.)

Assistant Professor

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)
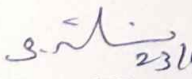
Madurai-625 018
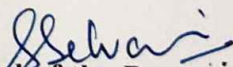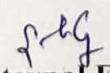
BONAFIDE CERTIFICATE

This is to certify that the project entitled **"E-COMMERCE WEBSITE"** is a bonafide record of the project work done by S.MATHI (2021BC40). This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on **25/03/2023**

23/03/24

Internal Examiner   **Head of the Department**

External Examiner

DECLARATION

I hereby declare that the project work entitled **"E-COMMERCE WEBSITE"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"Futurik Technologies"**, under the guidance of **Mrs. S. Nirmala Devi, M.Sc., M.Phil., NET, (Ph.D.)**, and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 23/03/2024

Mathi

(S.MATHI)

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. S. MATHI [2021BC40]– III BCA** of Fatima College, has completed her project entitled, **"E-Commerce Website"** in the platform Django at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

Head Operation
For FUTURIK TECHNOLOGIES

E-RATION MANAGEMENT SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

R. NIVETHA

(2021BC41)

Under the Guidance of

Mrs. S. NIRMALA DEVI, M.Sc., M.Phil. NET, (Ph.D.)

Assistant Professor

Department of Computer Applications
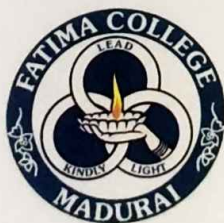
FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
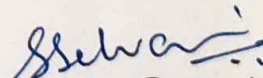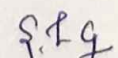
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**E-RATION MANAGEMENT SYSTEM**" s a bonafide record of the project work done by **R. NIVETHA (2021BC41)**. This is submitted in partial fulfillment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on _25.03.2024_

S. ~ 25/03/24

Internal Examiner

Sselva

Head of the Department

P.L.G

External Examiner

DECLARATION

I hereby declare that the project work entitled **"E-RATION MANAGEMENT SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfillment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SCOPETECH SOFTWARE SOLUTIONS"**, under the guidance of **Mrs. S. Nirmala Devi, M.Sc., M.Phil., NET, (Ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 25.03.2024

R. Nivetha
(R.NIVETHA)

Scope Tech Software Solution

Training and Development

Authorized District Center

UDYAM-TN-12-0012361
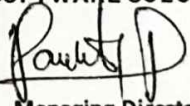
Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. R. NIVETHA (2021BC41)**, Fatima College, pursuing final year BCA has completed her project entitled **"E-RATION MANAGEMENT SYSTEM** in the platform **PHP AND MYSQL** at Scope Tech Software Solution, Madurai from **November 28th 2023 to March 15th 2024.**

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

GAMING

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

M.SOWBARNIKA

(2021BC42)

Under the Guidance of

Mrs. S. Nirmala Devi M.Sc., M.Phil., NET, (Ph.D.)

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
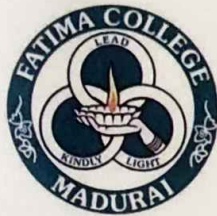
BONAFIDE CERTIFICATE

This is to certify that the project entitled "GAMING" is a bonafide record of the project work done by **M. SOWBARNIKA (2021BC42).** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on _25.03.2024_

Internal Examiner
25/03/24

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"GAMING"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGIES"**, under the guidance of **Mrs. S.Nirmala Devi M.Sc., M.Phil., NET, (Ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 25.03.2024

M. Sowbarnika

(M. SOWBARNIKA)

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. M. SOWBARNIKA [2021BC42] – III BCA** of Fatima College, has completed her project entitled, **"GAMING"** in the platform **ASP.NET AND MS SQL SERVER** at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

Head Operation

For FUTURIK TECHNOLOGIES

OBSTACLE AVIODANCE ROBOT

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

S. SUTHANTHIRADEVI

(2021BC43)

Under the Guidance of

Mrs. S. NIRMALA DEVI, M.Sc., M.Phil., NET, (Ph. D)

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
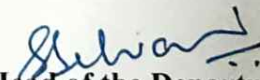
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**OBSTACLE AVOIDANCE ROBOT**" is a Bonafide record of the project work done by **S. SUTHANTHIRADEVI (2021BC43)** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on **25·03·2024**

_25/03/ 24_

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"OBSTACLE AVOIDANCE ROBOT"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGIES"**, under the guidance of **Mrs. S. NIRMALA DEVI, M.Sc., M.Phil., NET, (Ph. D)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

S. Suthanthiradevi

Date: 25.03.2024

(S. SUTHANTHIRADEVI)

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Miss S. SUTHANTHIRADEVI [2021BC43] Fatima College,** pursuing final year **BCA** is Completed for her Project Title "**OBSTACLE AVOIDANCE ROBOT**" in the platform of IoT at Futurik Technologies Madurai From November 28th 2023 To March 15th 2024.

FUTURIK TECHNOLOGIES

Project Manager

+91 96559 79888   www.futuriktechnologies.com

Plot 60, Railar Nagar, 1st Street, Thamarai Veethi, Shanthi Nagar, Madurai – 625018.

A HYBRID CLOUD APPROACH FOR SECURE AUTHORIZED DEDUPLICATION

A Project Submitted to Madurai Kamaraj University in partial fulfillment of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

GAYATHIRI M

(2021BC44)

Under the Guidance of

Mrs. S. Nirmala Devi, M.Sc., M.Phil., NET, (Ph.D.)

Assistant Professor

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**A HYBRID CLOUD APPROACH FOR SECURE AUTHORIZED DEDUPLICATION**" is a bonafide record of the project work done by **GAYATHIRI M (2021BC44).** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023 to 2024.

Submitted for Viva-Voice examination held on ___25·03·2024___

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"A HYBRID CLOUD APPROACH FOR SECURE AUTHORIZED DEDUPLICATION"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK"**, under the guidance of **Mrs.S.Nirmala Devi, M.Sc., M.Phil., NET, (Ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Gayathiri M

(GAYATHIRI M)

Date: 25·03·2024

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. GAYATHIRI M [2021BC44] – III BCA** of Fatima College, has completed her project entitled, **"A HYBRID CLOUD APPROACH FOR SECURE AUTHORIZED DEDUPLICATION"** in the platform **JAVA & JSP AND MYSQL** at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

FUTURIK TECHNOLOGIES

Project Manager

FOOD WASTE MANAGEMENT SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment

of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

APARNAA K

(2021BC45)

Under the Guidance of

Mrs. S. NIRMALA DEVI, M.Sc., M.Phil., NET, (Ph.D.)

Assistant Professor

Department of Computer Applications
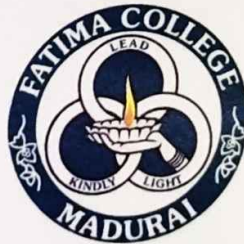
FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)
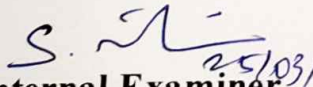
Madurai-625 018
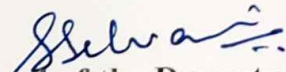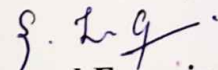
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**FOOD WASTE MANAGEMENT SYSTEM**" is a bonafide record of the project work done by **APARNAA K (2021BC45)**. This is submitted in partial fulfillment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on   25.03.2024

Internal Examiner 25/03/24

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"FOOD WASTE MANAGEMENT SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfillment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **""SCOPETECH SOFTWARE SOLUTIONS"**, under the guidance of **Mrs. S. Nirmala Devi, M.Sc., M.Phil., NET, (Ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associate ship, Fellowship or other.

Place: Madurai

Signature of the candidate

K. Aparnaa

Date: 25.03.2024

(K APARNAA)

Scope Tech Software Solution

Training and Development

UDYAM-TN-12-0012361

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. K. APARNAA (2021BC45)**, Fatima College, pursuing final year BCA has completed her project entitled **"FOOD WASTE MANAGEMENT SYSTEM** in the platform **PHP AND MYSQL** at Scope Tech Software Solution, Madurai from 28th November 2023 to 15th March 2024.

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

FIRE STATION CO-ORDINATION

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

R. AASHNA ROSHINI

(2021BC01)

Under the Guidance of

Mrs. S. SELVARANI, M.C.A., M.Phil., NET, SET, (Ph.D.)

Head of the Department

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai - 625018, Tamil Nadu.

APRIL - 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)
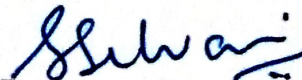
Madurai-625 018
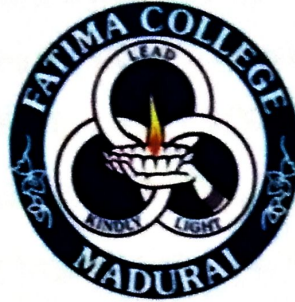
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**FIRE STATION CO-ORDINATION**" is a bonafide record of the project work done by **R. AASHNA ROSHINI (2021BC01)** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on <u>25 - 03 - 2024</u>

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"FIRE STATION CO-ORDINATION"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SCOPE TECH SOFTWARE SOLUTION(STS)**, under the guidance of **Mrs. S. SELVARANI, M.C.A., M.Phil., NET, (Ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 25 - 03- 2024

R. Aashna Roshini

(R. AASHNA ROSHINI)

Scope Tech Software Solution

Training and Development

Authorized District Center

UDYAM-TN-12-0012361

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. R. AASHNA ROSHINI (2021BC01)**, Fatima College, pursuing final year BCA has completed her project entitled **"FIRE STATION CO-ORDINATION"** in the platform **PYTHON DJANGO AND MYSQL** at Scope Tech Software Solution, Madurai from **28th November 2023 to 15th March 2024.**

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

TALK TO YOUR GUARDIAN ANGEL

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

AMALA RENITHA B
(2021BC03)

Under the Guidance of

Mrs. S. SELVARANI, MCA, M.Phil., SET., NET., (Ph.D.)
Assistant Professor & Head

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)
Re-Accredited with 'A++' Grade by NAAC (4th Cycle)
Mary Land, Madurai – 625018, Tamil Nadu.
APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS
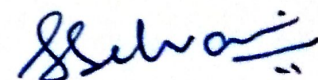
FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

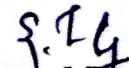## BONAFIDE CERTIFICATE

This is to certify that the project entitled "**TALK TO YOUR GUARDIAN ANGEL**" is a bonafide record of the project work done by **AMALA RENITHA B (2021BC03)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on _25.03.2024_

Internal Examiner

Head of the Department

External Examiner

2

DECLARATION

I hereby declare that the project work entitled **"TALK TO YOUR GUARDIAN ANGEL"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SQUIRREL BYTES TECHNOLOGIES"**, **Madurai**, under the guidance of **Mrs. S. SELVARANI, MCA, M.Phil., SET., NET., (Ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

B. Amala Renitha.

Place: Madurai   Signature of the candidate

Date: 25 03 2024   AMALA RENITHA B
                                                                                     (2021BC03)

Project Completion Letter

March 14, 2024

Amala Renitha B(2021BC03),
Fatima college Autonomous,
Madurai.

Dear Amala Renitha B ,

We are pleased to confirm our offer to Ms. Amala Renitha B(2021BC03) has successfully completed her project entitled "**Talk to Your Gaurdian Angel**" She was pursuing her BCA final year at Fatima College (Autonomous), Madurai, and has demonstrated exceptional dedication and skill throughout the project.

The project involved developing a "**Talk to Your Gaurdian Angel**" using PHP as the front end and MYSQL as the back end, with a duration spanning five months from November 2023 to March 2024.

We extend our best wishes to Ms. Amala Renitha B for his outstanding efforts in ensuring the success of this project.

Best wishes,

Karthikeyan
CTO

FARMER QUERY FORUM APP

A Project Submitted to Madurai Kamaraj University in partial fulfillment

of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

J. ASNA

(2021BC04)

Under the Guidance of

Mrs.S.Selvarani, M.C.A.,M.Phil.,NET,SET.,(Ph.D)

Head of the Department

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land,Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)
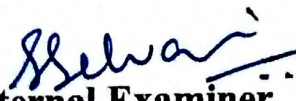
Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**FARMER QUERY FORUM APP**" is a bonafiderecord of the project work done by **J. ASNA(2021BC04).** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on _25|3|2024_

Internal Examiner

Head of theDepartment

External Examiner

DECLARATION

I hereby declare that the project work entitled **"FARMER QUERY FORUM APP"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"Futurik Technologies"**, under the guidance of **Mrs. S. Selvarani, M.C.A., M.Phil., NET, SET, (Ph.D.)**and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 25/3/2024

J. Asha

(J. Asna)

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. J.ASNA [2021BC04] – III BCA** of Fatima College, has completed her project entitled, **"FARMER QUERY FORUM APP"** in the platform PHP & MYSQL at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

FUTURIK TECHNOLOGIES

Project Manager

HALL TICKET USING QR CODE

A Project Submitted to Madurai Kamaraj University in partial fulfillment

of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

L CAROLIN MERCY

(2021BC05)

Under the Guidance of

Mrs. S. SELVARANI, MCA, M.Phil., SET., NET., (Ph.D)

Head of the department

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

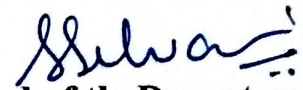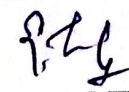# DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
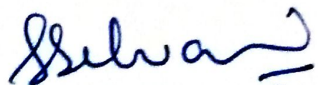
BONAFIDE CERTIFICATE

This is to certify that the project entitled **"HALL TICKET USING QR CODE"** is a bonafide record of the project work done by **L. Carolin Mercy (2021BC05)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on _25.3.24_

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"HALL TICKET USING QR CODE"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SCOPE TECH SOFTWARE SOLUTION"**, under the guidance of **Mrs. S. SELVARANI, M.C.A., M.Phil., NET, (Ph.D) (HOD)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 25. 3. 24

L. Carolin Mercy
(L.CAROLIN MERCY)

UDYAM-TN-12-0012361   Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. L.CAROLIN MERCY (2021BC05)**, Fatima College, pursuing final year BCA has completed her project entitled "**HALL TICKET USING QR CODE**" in the platform **PYTHON DJANGO AND MYSQL** at Scope Tech Software Solution, Madurai from **28th November 2023 to 15th March 2024**.

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

MECHANICAL SERVICE FINDER USING GOOGLE MAPS

A Project Submitted to Madurai Kamaraj University in partial fulfillment

of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

M.DIVYA

2021BC06

Under the Guidance of

Mrs. S. SELVARANI, M.C.A., M.Phil., NET, SET, (Ph.D.)

HEAD OF THE DEPARTMENT

Department of Computer Applications
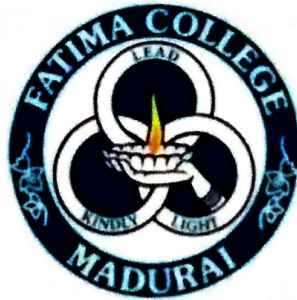
FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
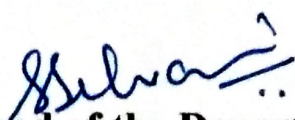
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**MECHANICAL SERVICE FINDER USING GOOGLE MAPS**" is a bonafide record of the project work done by **M. DIVYA (2021BC06).** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on _____25/3/24_____

Internal Examiner   **Head of the Department**

External Examiner

DECLARATION

I hereby declare that the project work entitled **"MECHANICAL SERVICE FINDER USING GOOGLE MAPS"** Submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SCOPE TECH SOFTWARE SOLUTION"**, under the guidance of **Mrs. S. SELVARANI, M.C.A., M.Phil., NET, SET, (Ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 25.3.24

M. Divya

(M. DIVYA)

Scope Tech Software Solution

Training and Development

Authorized District Center

UDYAM-TN-12-0012361

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. M. DIVYA (2021BC06),** Fatima College, pursuing final year BCA has completed her project entitled **"MECHANICAL SERVICE FINDER USING GOOGLE MAPS"** in the platform **PYTHON DJANGO AND MYSQL** at Scope Tech Software Solution, Madurai from **28th November 2023 to 15th March 2024.**

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

MOVIE RECOMMENDATION SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment

of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

R.DURGARAJESWARI

2021BC07

Under the Guidance of

Mrs. S. SELVARANI, MCA, M.Phil., SET., NET., (Ph.D)

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land,Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS
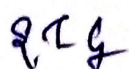
FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**MOVIE RECOMMENDATION**

SYSTEM" is a bonafide record of the project work done by **R.DURGARAJESWARI**

(2021BC07). This is submitted in partial fulfilment for the award of the degree of

Bachelor of Computer Applications in Fatima College, Madurai during the academic year

2023-2024.

Submitted for Viva-Voice examination held on   25/03/2024

Internal Examiner   **Head of theDepartment**

External Examiner

DECLARATION

I hereby declare that the project work entitled **"MOVIE RECOMMENDATION SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGIES"**, under the guidance of **Mrs. S. SELVARANI, MCA, M.Phil., SET., NET., (Ph.D)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

R. Durgarajeswari

Date: 25/03/2024

(R.DURGARAJESWARI)

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. R. DURGARAJESWARI [2021BC07] – III BCA** of Fatima College, has completed her project entitled, **"MOVIE RECOMMENDATION SYSTEM"** in the platform PHP & MYSQL at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

FUTURIK TECHNOLOGIES

Project Manager

PLANT DISEASE CLASSIFICATION USING SEGMENATATION

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

S. DURGESHWARI

2021BC08

Under the Guidance of

MS. J. AROCKIA JACKULINE JONI M.Sc., M.Phil., (Ph.D).

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

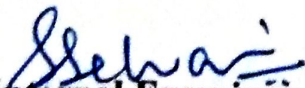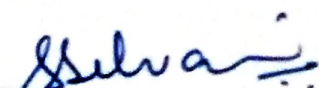# DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
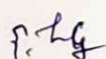
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**PLANT DISEASE CLASSIFICATION USING SEGMENTATION**" is a bonafide record of the project work done by **S. DURGESHWARI 2021BC08.** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on ___25/3/2024___

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"PLANT DISEASE CLASSIFICATION USING SEGMENTATION"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"PHOENIX SOFTECH"**, under the guidance of **MS. J. AROCKIA JACKULINE JONI M.SC., M.PHIL., (Ph.D)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

E. Durgeshwari

Date: 25|3|2024

S.DURGESHWARI
2021BC08

TO WHOMSOVER IT MAY CONCERN

March 15, 2024

This is to certify that **S. DURGESHWARI (2021BC08)** and **T. JEYA PRABA (2021BC13)** students of **3ʳᵈ BCA** from Fatima College (Autonomous), Madurai have successfully completed their Project **"Plant Disease Classification using Segmentation"** using PYTHON with us during the period from 28ᵗʰ November 2023 to 15ᵗʰ March 2024. During the tenure of the project, their performance was good.

We at Phoenix Softech wish them all success in their future endeavors.

With best wishes

For PHOENIX SOFTECH

S. SUKUMAR
Project Manager

No 266, II Floor, Good Shed Street, Madurai - 625 001.
PH : 0452-2343527, 2350078
Website : www.phoenixsoftech.in

GRIEVANCE APP FOR EMPLOYEES

A Project Submitted to Madurai Kamaraj University in partial fulfillment

of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

Z.FAZLINA

2021BC09

Under the Guidance of

Mrs. K. P. MAHESWARI MCA. ,M.Phil. ,NET.,(Ph.D)

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
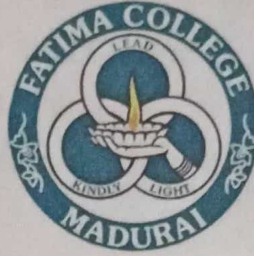
BONAFIDE CERTIFICATE

This is to certify that the project entitled "GRIEVANCE APP FOR EMPLOYEES" is a bonafide record of the project work done by **Z.FAZLINA (2021BC09)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on ___25. 03. 2024___

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"GRIEVANCE APP FOR EMPLOYEES"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SCOPE TECH SOFTWARE SOLUTION"**, under the guidance of **Mrs. K. P. MAHESWARI MCA., M. Phil., NET., (Ph.D)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Z. Fazlina

Date: 25. 03. 2024

(Z.FAZLINA)

Scope Tech Software Solution

Training and Development

STS
Scope Tech Software Solution

UDYAM-TN-12-0012361

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Z. FAZLINA (2021BC09),** Fatima College, pursuing final year BCA has completed her project entitled **"GRIEVANCE APP FOR EMPLOYEES"** in the platform **JAVA SWING AND MYSQL** at Scope Tech Software Solution, Madurai from **28th November 2023 to 15th March 2024.**

For SCOPE TECH SOFTWARE SOLUTION

STS

Managing Director

PLANT DISEASE CLASSIFICATION USING SEGMENATATION

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

T.JEYA PRABA

2021BC13

Under the Guidance of

MS. J. AROCKIA JACKULINE JONI M.Sc., M.Phil., (Ph.D).

ASSISTANT PROFESSOR

Department of Computer Applications
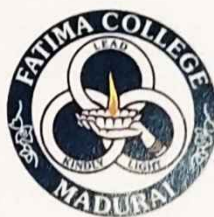
**FATIMA COLLEGE (AUTONOMOUS)**

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**PLANT DISEASE CLASSIFICATION USING SEGMENTATION**" is a bonafide record of the project work done by **T. JEYA PRABA 2021BC13.** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on ___25. 3. 2024___

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled "PLANT DISEASE CLASSIFICATION USING SEGMENTATION" submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at "PHOENIX SOFTECH", under the guidance of MS. J. AROCKIA JACKULINE JONI M.SC., M.PHIL., (Ph.D) and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

T. Jeya Praba

Date: 25.3.2024

T.JEYA PRABA
2021BC13

TO WHOMSOVER IT MAY CONCERN

March 15, 2024

This is to certify that **S. DURGESHWARI (2021BC08)** and **T. JEYA PRABA** **(2021BC13)** students of **3rd BCA** from Fatima College (Autonomous), Madurai have successfully completed their Project **"Plant Disease Classification using Segmentation"** using PYTHON with us during the period from 28th November 2023 to 15th March 2024. During the tenure of the project, their performance was good.

We at Phoenix Softech wish them all success in their future endeavors.

With best wishes

For PHOENIX SOFTECH

S. SUKUMAR
Project Manager

DEPARTMENT RECORD MAINTENANCE SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

M. KAVIPRIYA

(2021BC18)

Under the Guidance of

Ms.P.RENGANAYAGI, MCA,M.Phil.,NET.,

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
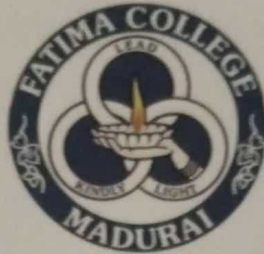
BONAFIDE CERTIFICATE

This is to certify that the project entitled **"DEPARTMENT RECORD MAINTENANCE SYSTEM"** is a bonafide record of the project work done by **M.KAVIPRIYA (2021BC18)**. This is submitted in partial fulfilment for the award of the Degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on _25.03.2024_

Internal Examiner

Head of the Department
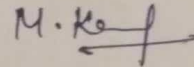
External Examiner

DECLARATION

I hereby declare that the project work entitled **"DEPARTMENT RECORD MAINTENANCE SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGIES"**, under the guidance of **Ms.P. RENGANAYAGI, MCA.,M.Phil.,NET.,**and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 25.03.2024

(M.KAVIPRIYA)

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. M. KAVIPRIYA [2021BC18] – III BCA** of Fatima College, has completed her project entitled, **"DEPARTMENT RECORD MAINTENANCE SYSTEM"** in the platform PHP & MYSQL at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

FUTURIK TECHNOLOGIES

Project Manager

EVENT HALL BOOKING SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

KAVITHA K

(2021BC19)

Under the Guidance of

Mrs. K. P. MAHESWARI MCA.,M.Phil. ,NET.,(Ph.D)

ASSISTANT PROFESSOR

Department of Computer Applications
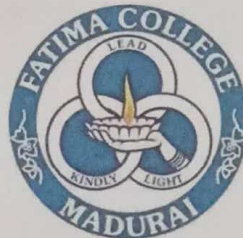
FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
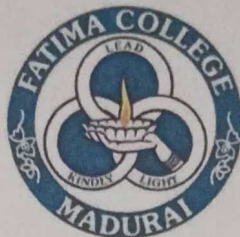
BONAFIDE CERTIFICATE

This is to certify that the project entitled **"EVENT HALL BOOKING SYSTEM"** is a bonafide record of the project work done by **KAVITHA K (2021BC19)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on   25-03-2024

Internal Examiner   **Head of the Department**

External Examiner

DECLARATION

I hereby declare that the project work entitled **"EVENT HALL BOOKING SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTUREIK TECHNOLOGIES"**, under the guidance of **Mrs. K. P. MAHESWARI M.C.A., M.Phil., NET., (Ph.D)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 25.03.2024

K. Kavitha

(KAVITHA K)

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. K. KAVITHA [2021BC19] – III BCA** of Fatima College, has completed her project entitled, **"EVENT HALL BOOKING SYSTEM"** in the platform PHP & MYSQL at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

FUTURIK TECHNOLOGIES

Project Manager

ALUMNI MANAGEMENT SYSTEM FOR COLLEGE

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

R. NIROSHINI

(2021BC26)

Under the Guidance of

Mrs. K. P. MAHESWARI MCA., M.Phil., NET., (Ph.D)

ASSISTANT PROFESSOR

Department of Computer Applications
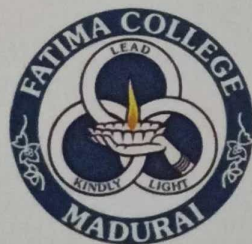
FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
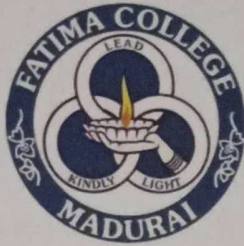
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**ALUMNI MANAGEMENT SYSTEM FOR COLLEGE**" is a bonafide record of the project work done by **R. NIROSHINI (2021BC26)** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on 25.03.2024

Internal Examiner   **Head of the Department**

External Examiner

DECLARATION

I hereby declare that the project work entitled **"ALUMNI MANAGEMENT SYSTEM FOR COLLEGE"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SCOPE TECH SOFTWARE SOLUTION"**, under the guidance of **Mrs. K. P. MAHESWARI MCA., M.Phil., NET., (Ph.D)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

R. Niroshini.

Date: 25.03.2024.

(R.NIROSHINI)

Scope Tech Software Solution

Training and Development

Authorized District Center

UDYAM-TN-12-0012361
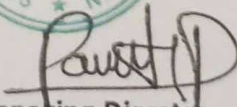
Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. R. NIROSHINI (2021BC26),** Fatima College, pursuing final year BCA has completed her project entitled **"ALUMNI MANAGEMENT SYSTEM FOR COLLEGE"** in the platform **PYTHON, TKINTER AND MYSQL** at Scope Tech Software Solution, Madurai from **28th November 2023 to 15th March 2024.**

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

SELF BALANCING ROBOT

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

R.A. PREETHI

(2021BC28)

Under the Guidance of

Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,
ASSISTANT PROFESSOR

Department of Computer Applications

**FATIMA COLLEGE (AUTONOMOUS)**

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)
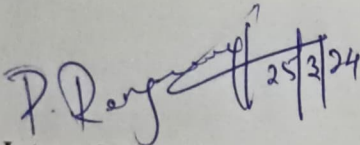
Madurai-625 018
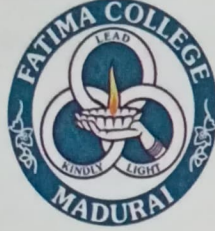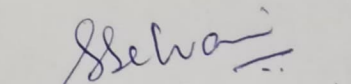
BONAFIDE CERTIFICATE

This is to certify that the project entitled "**SELF BALANCING ROBOT**" is a Bonafide record of the project work done by **R.A. PREETHI (2021BC28).** This is submitted in partial fulfilment for the award of the Degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on   25.03.2024

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"SELF BALANCING ROBOT"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGIES"**, under the guidance of **Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

R.A.Preethi

Date: 25.03.2024

(R.A. PREETHI)

ACKNOWLEDGMENT

I thank God almighty for having showered his blessings upon me to carry out this project work successfully.

I extend my Heartfelt thanks to our beloved Secretary sister **Dr. Sr. M. FRANCISCA FLORA,** who enlighten us all the way.

My sincere thanks to our respectable Principal sister **Dr. Sr. G. CELINE SAHAYA MARY,** for extending her tremendous support.

I express my sincere thanks to our beloved Vice principals Shift II **Dr. Sr. G. JENITA RANI and Dr. M. MEENACHI** for their extensive support rendered to carry out this project successfully.

I would like to express my sincere thanks to our beloved Head of the Department **Mrs. S. SELVARANI, MCA, M.Phil., SET., NET., (Ph. D)** for her valuable contribution, guidance and encouragement in all our efforts.

I owe my deep gratitude to my project guide, **Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,** who took keen interest and guided me all along till the completion of my project.

I would like to acknowledge and thank the cooperation extended by the faculty members of Department of Computer Applications.

I would like to thank my parents for their encouragement which helped me in completing this project.

I thank my lovable family members and my company **"FUTURIK TECHNOLOGIES",** who have been always helping and encouraging me throughout the project.

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Miss R.A. PREETHI [2021BC28] Fatima College,** pursuing final year **BCA** is Completed for her Project Title "**SELF BALANCING ROBOT** " in the platform of IoT at Futurik Technologies Madurai From November 28th 2023 To March 15th 2024.

FUTURIK TECHNOLOGIES

Project Manager

📞 +91 96559 79888   🌐 www.futuriktechnologies.com

📍 Plot 60, Railar Nagar, 1st Street, Thamarai Veethi, Shanthi Nagar, Madurai – 625018.

SMART AGRICULTURE SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment

Of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

INDUJA P.T

(2021BC11)

Under the Guidance of

MS. J. AROCKIA JACKULINE JONI M.Sc., M.Phil, (Ph.D).

Assistant Professor

Department of Computer Applications
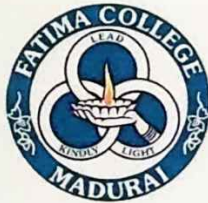
FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**SMART AGRICLUTURE SYSTEM**" is a bonafide record of the project work done by **INDUJA P T (2021BC11).** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on _25/03/2024_

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"SMART AGRICLUTURE SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGY"**, under the guidance of **MS. J. AROCKIA JACKULINE JONI M.Sc., M.Phil, (Ph.D)** Assistant Professor and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Date: 25/03/2024

Signature of the candidate

INDUJA P T
(2021BC11)

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

is to certify **Ms. P.T.INDUJA [2021BC11]** of Fatima College,has completed

project entitled, **"SMART AGRICULTURE SYSTEM"** in the platform of

at Futurik Technologies Madurai From 28th November 2023 to 15th March

4.

FUTURIK TECHNOLOGIES

Project Manager

SEA ONLINE FOOD ORDERING SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment
Of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

JEYA DHARSHINI J

(2021BC12)

Under the Guidance of

MS. J. AROCKIA JACKULINE JONI, M.Sc., M.Phil. (Ph.D).

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai–625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "SEA ONLINE FOOD ORDERING SYSTEM" is a bonafide record of the project work done by **JEYA DHARSHINI J (2021BC12)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024. Submitted for Viva-Voice examination held on 25|3|2024

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"SEA ONLINE FOOD ORDERING SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGIES"**, under the guidance of **MS. J. AROCKIA JACKULINE JONI, M.Sc., M.Phil., (Ph.D.),** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

J. Jeya dharshini

Date: 25/3/2024

(JEYA DHARSHINI J)

2021BC12

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. J. JEYA DHARSHINI [2021BC12] – III BCA** of Fatima College, has completed her project entitled, **"SEA ONLINE FOOD ORDERING SYSTEM"** in the platform ASP.NET & MYSQL at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

FUTURIK TECHNOLOGIES

Project Manager

SMART AGRICULTURE SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment

Of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

JEYALAKSHMI R

(2021BC14)

Under the Guidance of

MS. J. AROCKIA JACKULINE JONI M.Sc., M.Phil, (Ph.D).

Assistant Professor

Department of Computer Applications
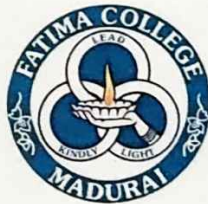
FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**SMART AGRICLUTURE SYSTEM**" is a bonafide record of the project work done by **JEYALAKSHMI R (2021BC14).** This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on   25/03/2024

Internal Examiner   **Head of the Department**

External Examiner

DECLARATION

I hereby declare that the project work entitled **"SMART AGRICLUTURE SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGY"**, under the guidance of **MS. J. AROCKIA JACKULINE JONI M.Sc., M.Phil, (Ph.D) Assistant Professor** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Date: 25|03|2024

Signature of the candidate

R. Jeyalakshmi

JEYALAKSHMI R
(2021BC14)

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Mrs. R. JEYALAKSHMI [2021BC14]** of Fatima College,has completed her project entitled, **"SMART AGRICULTURE SYSTEM"** in the platform of IoT at Futurik Technologies Madurai From 28th November 2023 to 15th March 2024.

FUTURIK TECHNOLOGIES

Project Manager

HOSTEL MANAGEMENT APPLICATION

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by
S.KANIMOZHI
(2021BC15)

Under the Guidance of

Ms. J. AROCKIA JACKULINE JONI, M.Sc., M.Phil., (Ph.D.)
ASSISTANT PROFESSOR
Department of Computer Applications
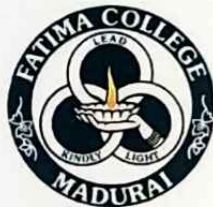
FATIMA COLLEGE (AUTONOMOUS)
Re-Accredited with 'A++' Grade by NAAC (4th Cycle)
Mary Land, Madurai – 625018, Tamil Nadu.
APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)
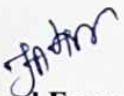
Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"HOSTEL MANAGEMENT APPLICATION"** is a bonafide record of the project work done by **S.KANIMOZHI (2021BC15)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on ~~05. 03. 2024~~

Internal Examiner   **Head of the Department**

External Examiner

DECLARATION

I hereby declare that the project work entitled "**HOSTEL MANAGEMENT APPLICATION**" submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at "**SCOPE TECH SOFTWARE SOLUTION**", under the guidance of **Ms. J. AROCKIA JACKULINE JONI, M.Sc., M.Phil., (Ph.D.)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

25.03.2024

S. Kanimozhi

Date:

(S.KANIMOZHI)

Scope Tech Software Solution

Training and Development

Authorized District Center

UDYAM-TN-12-0012361   Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. S. KANIMOZHI (2021BC15)**, Fatima College, pursuing final year BCA has completed her project entitled "**HOSTEL MANAGEMENT APPLICATION**" in the platform **JAVA SWING AND MYSQL** at Scope Tech Software Solution, Madurai from **28th November 2023 to 15th March 2024**.

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

HUMAN RESOURCE MANAGEMENT SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

P.KARTHIKA

(2021BC16)

Under the Guidance of

Ms. J. AROCKIA JACKULINE JONI, M.Sc., M.Phil., (Ph.D.)

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

<u>BONAFIDE CERTIFICATE</u>

This is to certify that the project entitled **"HUMAN RESOURCE MANAGEMENT SYSTEM"** is a bonafide record of the project work done by **P.KARTHIKA (2021BC16)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on   05.03.2024

Internal Examiner   **Head of the Department**

External Examiner

DECLARATION

I hereby declare that the project work entitled **"HUMAN RESOURCE MANAGEMENT SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SCOPE TECH SOFTWARE SOLUTIONS"**, under the guidance of **MS. J. AROCKIA JACKULINE JONI, M.Sc., M.Phil., (Ph.D.)**and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Date: 25.03.2024

Signature of the candidate

p- Karthika

(P.KARTHIKA)

UDYAM-TN-12-0012361

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. P. KARTHIKA (2021BC16)**, Fatima College, pursuing final year BCA has completed her project entitled **"HUMAN RESOURCE MANAGEMENT SYSTEM"** in the platform **JAVA SWING AND MYSQL** at Scope Tech Software Solution, Madurai from **28th November 2023 to 15th March 2024.**

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

6383406578 | 9600936470

scopetechsoftwaresolution@gmail.com

scopetech-software-solution.business.site

16/1, Kalki bhavan, Visuvasapuri 4th street,

Opposite to sastha oil mill, Gnanaolivupuram

Madurai - 625016

CAMPUS RECRUITMENT MANAGEMENT SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

N.KARTHIYAYENI

2021BC17

Under the Guidance of

MS. J .AROCKIA JACKULINE JONI M.sc., M.Phil, (PhD).

Assistant Professor

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

<u>BONAFIDE CERTIFICATE</u>

This is to certify that the project entitled "**CAMPUS RECRUITMENT MANAGEMENT SYSTEM**" is a bonafide record of the project work done by **N.KARTHIYAYENI (2021BC17)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on   25·03·2024

Internal Examiner   **Head of the Department**

External Examiner

DECLARATION

I hereby declare that the project work entitled **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGIES"**, under the guidance of **Ms. J. AROCKIA JACKULINE JONI M.sc., M.Phil, (Ph.D)**. and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai   Signature of the candidate

Date: 25.03.2024   **N.KARTHIYAYENI**

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. N. KARTHIYAYENI [2021BC17] – III BCA** of Fatima College, has completed her project entitled, **"CAMPUS RECRUITMENT MANAGEMENT SYSTEM"** in the platform PHP & MYSQL at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

FUTURIK TECHNOLOGIES

Project Manager

WEBSITE FOR CHARITY FOUNDATION

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

R. MAHADHARSHINI

(2021BC20)

Under the Guidance of

Mrs. K. P. MAHESWARI MCA., M.Phil., NET., (Ph.D)

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)
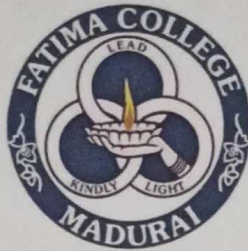
Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**WEBSITE FOR CHARITY FOUNDATION**" is a bonafide record of the project work done by **R. MAHADHARSHINI (2021BC20)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on   25·03·2024

Internal Examiner
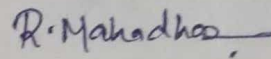
Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"WEBSITE FOR CHARITY FOUNDATION"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGIES"**, under the guidance of **Mrs. K. P. MAHESWARI MCA., M.Phil., NET., (Ph.D)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

R·Mahadhas

Date: 25·03·2024

(R.MAHADHARSHINI)

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms. R. MAHADHARSHINI [2021BC20] – III BCA** of Fatima College, has completed her project entitled, **"WEBSITE FOR CHARITY FOUNDATION"** in the platform PHP & MYSQL at Futurik Technologies, Madurai from 28th November 2023 to 15th March 2024.

FUTURIK TECHNOLOGIES

Project Manager

TIMETABLE MANAGEMENT SYSTEM

A Project Submitted to Madurai Kamaraj University in partial .
fulfillmentof the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

MASANI MALATHI S

(2021BC21)

Under the Guidance of

Mrs. K. P. MAHESWARI MCA., M.Phil., NET., (Ph.D)

Assistant Professor

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th
Cycle)Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**TIMETABLE MANAGEMENT SYSTEM**" is a bonafide record of the project work done by **MASANI MALATHI S (2021BC21)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on   25/3/2024

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"TIMETABLE MANAGEMENT SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGIES"**, under the guidance of **Mrs. K. P. MAHESWARI MCA., M.Phil., NET., (Ph.D)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

S. Masani Malathi

Signature of the candidate

Date: 25/03/24

(Masani Malathi S)

Date: 17ᵗʰ March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Ms.S.MASANI MALATHI [2021BC21]** ,of Fatima College,has completed her project entitled, **"TIME TABLE MANAGEMENT"** in the platform of ASP.NET &MS SQL SERVER at Futurik Technologies Madurai From 28ᵗʰ November 2023 to 15ᵗʰ March 2024.

FUTURIK TECHNOLOGIES

Project Manager

HEALTHCARE CHATBOT SYSTEM

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of
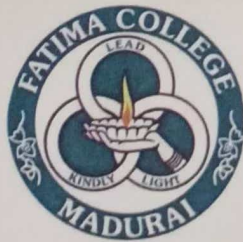
BACHELOR OF COMPUTER APPLICATIONS

Submitted by

S.MEERA PRIYADHARSHINI
(2021BC22)

Under the Guidance of

Mrs. K. P. MAHESWARI, M.C.A. ,M.Phil. ,NET.,(Ph.D)
ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**HEALTHCARE CHATBOT SYSTEM**" is a bonafide record of the project work done by **S.MEERA PRIYADHARSHINI (2021BC22)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on   25 · 03 · 2024

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled **"HEALTHCARE CHATBOT SYSTEM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"SCOPE TECH SOFTWARE SOLUTION (STS)"**,under the guidance of **Mrs. K. P. MAHESWARI, M.C.A. ,M.Phil. ,NET.,(Ph.D)** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

S. Meera Priyadharshini

Date: 25·03·2024

(S.MEERA PRIYADHARSHINI)

Scope Tech Software Solution

Training and Development

UDYAM-TN-12-0012361

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. S. MEERA PRIYADHARSHINI (2021BC22)**, Fatima College, pursuing final year BCA has completed her project entitled **"HEALTHCARE CHATBOT SYSTEM"** in the platform **PYTHON DJANGO AND MYSQL** at Scope Tech Software Solution, Madurai from **28th November 2023 to 15th March 2024**.

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

6383406578 | 9600936470

scopetechsoftwaresolution@gmail.com

scopetech-software-solution.business.site

16/1, Kalki bhavan, Visuvasapuri 4th street,

Opposite to sastha oil mill, Gnanaolivupuram

Madurai - 625016

INSTACOM

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

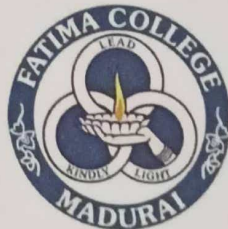## BACHELOR OF COMPUTER APPLICATIONS

Submitted by

M. NARMADHADEVI
(2021BC25)

Under the Guidance of

Mrs. K. P. MAHESWARI MCA., M. Phil., NET., (Ph.D)

ASSISTANT PROFESSOR

Department of Computer Applications

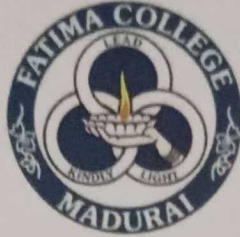**FATIMA COLLEGE (AUTONOMOUS)**

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "**INSTACOM**" is a bonafide record of the project work done by **M. NARMADHADEVI (2021BC25)**. This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on 25.03.2024

Internal Examiner

Head of the Department
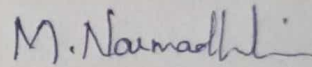
External Examiner

DECLARATION

I hereby declare that the project work entitled **"INSTACOM"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"Futurik Technologies"**, under the guidance of **Mrs. K. P. MAHESWARI MCA., M. Phil., NET., (Ph.D)** and this work has notbeen submitted for any other Degree, Diploma, Associateship, Fellowship or other.
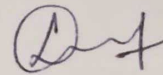
Place: Madurai

Signature of the candidate

Date: 25.03.2024

(M. NARMADHADEVI)

TO WHOM SO EVER IT MAY CONCERN

This is to certify **Miss M. NARMADHADEVI [2021BC25] Fatima College,** pursuing final year **BCA** is Completed for her Project Title **"INSTACOM"** in the platform of Django at Futurik Technologies Madurai From November 28th 2023 To March 15th 2024.

FUTURIK TECHNOLOGIES

Project Manager

HOURS CALCULATION IN VOICE NOTE FOR LIBRARY MANAGEMENT

A Project Submitted to Madurai Kamaraj University in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

J. T. PAVITHRA

(2021BC27)

Under the Guidance of

Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,

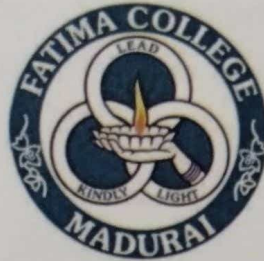**ASSISTANT PROFESSOR**

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

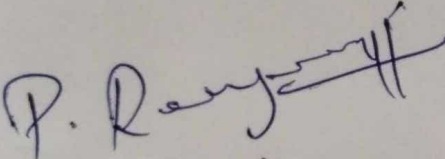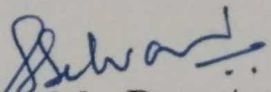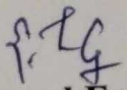# FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"HOURS CALCULATION IN VOICE NOTE FOR LIBRARY MANAGEMENT"** is a bonafide record of the project work done by **J. T. PAVITHRA (2021BC27)**. This is submitted in partial fulfilment for the award of the Degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

Submitted for Viva-Voice examination held on ___25.03.2024___

Internal Examiner
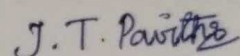
Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled "HOURS CALCULATION IN VOICE NOTE FOR LIBRARY MANAGEMENT" submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at "SCOPE TECH SOFTWARE SOLUTION", under the guidance of Ms. P. RENGANAYAGI, MCA., M.Phil., NET., and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

Date: 25.03.2024

J. T. Pavithra

(J. T. PAVITHRA)

Scope Tech Software Solution

Training and Development

Authorized District Center
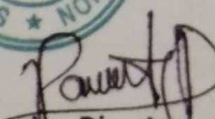
UDYAM-TN-12-0012361

Date: 17th March 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. J. T. PAVITHRA (2021BC27)**, Fatima College, pursuing final year BCA has completed her project entitled **"HOURS CALCULATION IN VOICE NOTE FOR LIBRARY MANAGEMENT"** in the platform **PYTHON DJANGO AND MYSQL** at Scope Tech Software Solution, Madurai from **28th November 2023 to 15th March 2024**.

For SCOPE TECH SOFTWARE SOLUTION

Managing Director

ROSA MYSTICA: LISTEN LEARN AND EMPOWER

A Project Submitted to Madurai Kamaraj University in Partial Fulfilment
of the Requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS

Submitted by

B.SUBATHRA
2021BC33

Under the Guidance of

Mrs. S. SELVARANI, M.C.A., M. Phil, SET, NET, (Ph.D) .,

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai - 625018, Tamil Nadu.

APRIL - 2024

DEPARTMENT OF COMPUTER APPLICATIONS
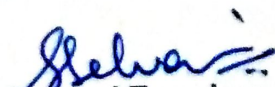
FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018

BONAFIDE CERTIFICATE

This is to certify that the project entitled "ROSA MYSTICA: LISTEN LEARN AND EMPOWER" is a bonafide record of the project work done by B. SUBATHRA (2021BC33). This is submitted in partial fulfilment for the award of the degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024

Submitted for Viva-Voce examination held on ___25.03.2024___

Internal Examiner

Head of the Department

External Examiner

DECLARATION

I hereby declare that the project work entitled "ROSA MYSTICA: LISTEN LEARN AND EMPOWER" submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at SQURRIEL BYTES TECHNOLOGIES, under the guidance of **Mrs S.SELVARANI.,** and that the project has not previously formed the basis for the award of any other degree, Diploma, Associateship, Fellowship or other.

B.Subathraf

Place: Madurai   Signature of the candidate

Date: 25 . 03 . 2024   (B.SUBATHRA)

Project Completion Letter

March 14, 2024

Subathra B (2021BC33),
Fatima college Autonomous,
Madurai.

Dear Subathra B ,

We are pleased to confirm our offer to Ms. Subathra B(2021BC33) has successfully completed her project entitled **"Rosa Mystica:Listen Learn and Empower"** She was pursuing her BCA final year at Fatima College (Autonomous), Madurai, and has demonstrated exceptional dedication and skill throughout the project.

The project involved developing a **"Rosa Mystica Listen Learn and Empower"** using PHP as the front end and MYSQL as the back end, with a duration spanning five months from November 2023 to March 2024.

We extend our best wishes to Ms. Subathra B for his outstanding efforts in ensuring the success of this project.

Best wishes,

Karthikeyan
CTO

THE FIRE FIGHTING ROBOT

A Project Submitted to Madurai Fatima College in partial fulfillment
of the requirement for the Award of Degree of

BACHELOR OF COMPUTER APPLICATIONS
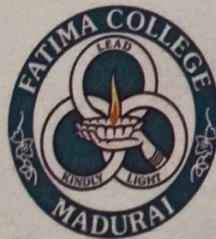
Submitted by

K. SWETHA

(2021BC34)

Under the Guidance of

Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,

ASSISTANT PROFESSOR

Department of Computer Applications

FATIMA COLLEGE (AUTONOMOUS)
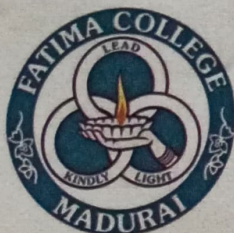
Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai – 625018, Tamil Nadu.

APRIL – 2024

DEPARTMENT OF COMPUTER APPLICATIONS

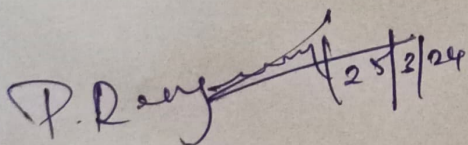## FATIMA COLLEGE (AUTONOMOUS)

Madurai-625 018
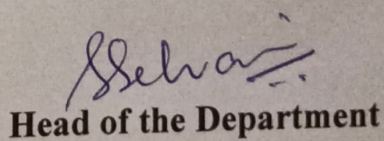
BONAFIDE CERTIFICATE

This is to certify that the project entitled **"THE FIRE FIGHTING ROBOT"** is a Bonafide record of the project work done by **K. SWETHA (2021BC34)**. This is submitted in partial fulfilment for the award of the Degree of Bachelor of Computer Applications in Fatima College, Madurai during the academic year 2023-2024.

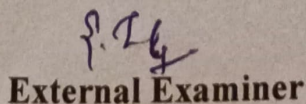Submitted for Viva-Voice examination held on   25.03.2024

Internal Examiner   **Head of the Department**

External Examiner

DECLARATION

    I hereby declare that the project work entitled **"THE FIRE FIGHTING ROBOT"** submitted to Fatima College (Autonomous) in partial fulfilment for the award of the Degree of Bachelor of Computer Applications is a record of an original work done by me at **"FUTURIK TECHNOLOGIES"**, under the guidance of **Ms. P. RENGANAYAGI, MCA., M.Phil., NET.,** and this work has not been submitted for any other Degree, Diploma, Associateship, Fellowship or other.

Place: Madurai

Signature of the candidate

K. Swetha

Date: 25.03.2024

(K. SWETHA)

ACKNOWLEDGMENT

I thank God almighty for having showered his blessings upon me to carry out this project work successfully.

I extend my Heartfelt thanks to our beloved secretary **Dr. Sr. M. FRANCISCA FLORA,** who enlightens us all the way.

My sincere thanks to our respectable principal **Dr. Sr. G. CELINE SAHAYA MARY**, for extending her tremendous support.

I express my sincere thanks to our beloved Vice principals Shift II **Dr. Sr. G. JENITA RANI and Dr. M. MEENACHI** for their extensive support rendered to carry out this project successfully.

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TO WHOM SO EVER IT MAY CONCERN

This is to certify **Miss K. SWETHA [2021BC34] Fatima College**, pursuing final year **BCA** is Completed for her Project Title **"THE FIRE FIGHTING ROBOT"** in the platform of IoT at Futurik Technologies Madurai From November 28th 2023 To March 15th 2024.

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