

Sign Language Translator Using Hand Glove

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

M.Sc (INFORMATION TECHNOLOGY)

Submitted by

AKSHAYA V
2022MSIT01

Under the Guidance of

Mrs.V.Mageshwari, M.Sc., M.Phil.

Assistant Professor

Department of Information Technology



Fatima College [Autonomous]

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

Mary Land, Madurai - 625018,
Tamil Nadu.

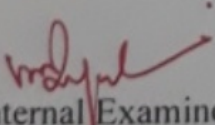
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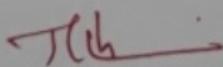
DEPARTMENT OF INFORMATION TECHNOLOGY

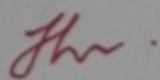
BONAFIDE CERTIFICATE

This is to certify that the Project Report entitled "Sign Language Translator Using Hand Glove" is the bonafide record work done by AKSHAYA V (2022MSIT01) in partial fulfilment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024


Internal Examiner

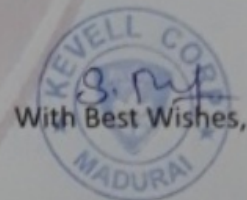

Head of the Department


External Examiner



TO WHOMSOEVER IT MAY CONCERN

This is to confirm that **Ms. AKSHAYA (Reg No. 2022MSIT01)** Pursuing Final year **M.Sc (IT), Fatima College (Autonomous), Madurai, Tamil Nadu** has been selected to undergo her project work **"SIGN LANGUAGE TRANSLATOR USING HAND GLOVE USING IOT"** KEVELL CORP Madurai from **Dec 2023 to Mar 2024.**



With Best Wishes,

(Mrs. S. Pandeewari)
Business Development Head



209, DH2 Building Upstairs, Poriayar Nagar 5th Street, Thiruppalai, Madurai - 625014.
hrteam@kevellcorp.com, services@kevellcorp.com www.kevellcorp.com



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. AKSHAYA (Reg No. 2022MSIT01), a student of M.Sc (IT), Final year, Fatima College (Autonomous), Madurai, Tamil Nadu has successfully completed her major project, duration from Dec 2023 to Mar 2024 entitled "SIGN LANGUAGE TRANSLATOR USING HAND GLOVE USING IOT" at KEVELL CORP Madurai. During this period of her major project with us, she was punctual and inquisitive.

We wish her every success in life.

KEVELL CORP - Madurai.



(Mrs. S. Pandeewari)
Business Development Head



209, DH2 Building Upstairs, Poriyalar Nagar 5th Street, Thiruppalai, Madurai - 625014.
hrteam@kevellcorp.com, services@kevellcorp.com www.kevellcorp.com

DECLARATION

I hereby declare that the Project work entitled "Sign Language Translator Using Hand Glove" is a Project report of the original work done by myself. This work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22.03.2024

Signature

V. Akshaya

AKSHAYA V

ACKNOWLEDGEMENT

I am grateful to mention the people whose constant inspiration, guidance and blessings made my project a successful one.

I thank God for his substantial blessings and mercy at all stages of the completion of my project. Taking this opportunity, I thank my parents and friends for their sacrifices in supporting me.

I express my sincere thanks to **Rev. Dr. Sr. G. Celine Sahaya Mary., Principal, Fatima College, Madurai** for giving me a comfortable environment.

I express my sincere thanks to **Dr. Sr. G. Jenita Rani, M.Sc., M.Phil., Ph.D. Vice Principal** for her extensive support rendered to carry out this project successfully.

I express my sincere thanks to **Dr. M. Meenachi, Vice Principal** for her extensive support rendered to carry out this project successfully.

I owe my special thanks to **Mrs. T. Leena Prema Kumari, M.Sc., M.Phil., DGT, (Ph.D.) Head, Department of IT**, for her valuable guidance and encouragement.

I owe my special thanks to **Mrs. V. Mageshwari, M.Sc., MPhil., Department of IT**, for her valuable guidance and encouragement.

I express my faithful thanks to external guide **Mrs. S. Pandeewari , BE.CSE., Business Development Head, Kevell Corp, Madurai**, for her guidance and expert advice rendered by her in modest attempt at preparing this project.

I wish to express my deep felt gratitude to my family for their constant support and contribution to this project work. Also, I would like to thank all my teachers, friends and well-wishers who have helped me for doing this project and throughout the M.Sc course.

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Secure Auditing and Deduplicating Data in Cloud

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

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Submitted by

M.ANJU

2022MSIT02

Under the Guidance of

Mrs. V. Mageshwari, M. Sc., M. Phil.,

Assistant Professor

Department of Information Technology



FATIMA COLLEGE (AUTONOMOUS)

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

Mary Land, Madurai - 625018, Tamil Nadu.

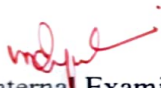
April – 2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the Project Report entitled “**Secure Auditing and Deduplicating Data in Cloud**” is the bonafide record work done by **ANJU M(2022MSIT02)** in partial fulfilment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024


Internal Examiner


Head of the Department


External Examiner

TO WHOMSOEVER IT MAY CONCERN

This to confirm that **Ms. ANJU M (REG.NO 2022MSIT02)**, Pursuing final year **MSC[IT],FATIMA COLLEGE, MARYLAND, MADURAI** has been selected to undergo her project work **“SECURE AUDITING AND DEDUPLICATING DATA IN CLOUD”** using **Java** at **Eminent Technology Solutions, Madurai** from Dec 2023.

We wish her all success in future.

For Eminent Technology Solutions,

Authorized Signature

TO WHOMSOEVER IT MAY CONCERN,

This is to certify that **Ms. ANJU M (REG.NO 2022MSIT02)**, a student of MSc[IT], Final year, Fatima College (Autonomous), Madurai, Tamil Nadu has Successfully completed her major project, duration from December 2023 to March 2024 entitled **"SECURE AUDITING AND DEDUPLICATING DATA IN CLOUD"** at EMINENT TECHNOLOGY SOLUTIONS Madurai. During this period of her major project with us, she was punctual and inquisitive.

We wish her every success in life.

For Eminent Technology Solutions,



Authorized Signature

DECLARATION

I hereby declare that the project work entitled "**Secure Auditing and Deduplicating Data in Cloud**" is a project report of the original work done by myself. This project work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfilment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22.03.2024

Signature

M. Anj
ANJU M

Smart Bank Locker Using Fingerprint Sensor

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

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Submitted by

ANUSIYAPANDI T

2022MSIT03

Under the Guidance of

Mrs.V. Mageshwari, M. Sc., M. Phil.,

Assistant Professor

Department of Information Technology



FATIMA COLLEGE (AUTONOMOUS)

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

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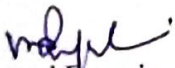
April- 2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the Project Report entitled "Smart Bank Locker Using Fingerprint Sensor" is the bonafide record work done by ANUSIYAPANDI T (2022MSIT03) in partial fulfilment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024


Internal Examiner


Head of the Department


External Examiner



TO WHOMSOEVER IT MAY CONCERN

This is to confirm that **Ms. T. ANUSIYAPANDI** (Reg No. 2022MSIT03) Pursuing Final year **M.Sc (IT), Fatima College (Autonomous), Madurai, Tamil Nadu** has been selected to undergo her project work **"SMART BANK LOCKER USING FINGERPRINT SENSOR"** KEVELL CORP Madurai from **Dec 2023 to Mar 2024**.



With Best Wishes,

(Mrs. S. Pandeewari)
Business Development Head



209, DH2 Building Upstairs, Poriyalar Nagar 5th Street, Thiruppalai, Madurai - 625014.
hrteam@kevellcorp.com, services@kevellcorp.com www.kevellcorp.com



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. T. ANUSIYAPANDI** (Reg No. 2022MSIT03), a student of **M.Sc (IT)**, Final year, **Fatima College (Autonomous)**, Madurai, Tamil Nadu has successfully completed her major project, duration from **Dec 2023 to Mar 2024** entitled **"SMART BANK LOCKER USING FINGERPRINT SENSOR"** at **KEVELL CORP** Madurai. During this period of her major project with us, she was punctual and inquisitive.

We wish her every success in life.

KEVELL CORP - Madurai.



(Mrs. S. Pandeewari)

Business Development Head



209, DH2 Building Upstairs, Poriylar Nagar 5th Street, Thiruppalai, Madurai - 625014.

hrteam@kevellcorp.com, services@kevellcorp.com www.kevellcorp.com

DECLARATION

I hereby declare that the project work entitled "Smart Bank Locker Using Fingerprint Sensor" is a project report of the original work done by myself. This project work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22.07.2024

Signature

T. Anusiyapandi

ANUSIYAPANDI T

YOUTUBE DATA HARVESTING AND WAREHOUSING

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

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Submitted by

S.DHEJA SRI

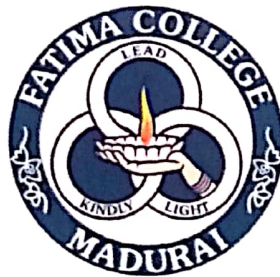
2022MSIT04

Under the Guidance of

Mrs. V. Mageshwari, M.Sc., MPhil

Assistant Professor

Department of Information Technology



FATIMA COLLEGE(AUTONOMOUS)

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

Mary Land, Madurai - 625018, Tamil Nadu.

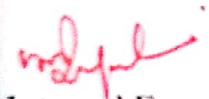
April-2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the project report entitled “YOUTUBE DATA HARVESTING AND WAREHOUSING” is the bonafide record work done by, S.DHEJA SRI(2022MSIT04) in partial fulfillment for the award of the degree M.Sc.(Information Technology) Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22/03/2024



Internal Examiner



Head of the Department



External Examiner

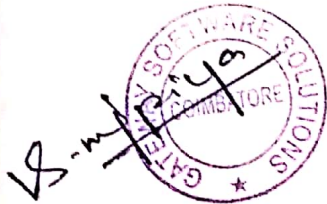
Date: 04/11/2023

TO WHOM SO EVER IT MAY CONCERN

This is to confirm that Ms. DHEJA SRI S (2022MSIT04) student pursuing Second Year MSc INFORMATION TECHNOLOGY from FATIMA COLLEGE (AUTONOMOUS), MADURAI have permitted to do project entitled "YOUTUBE DATA HARVESTING AND WAREHOUSING" in our company from December 2023 to March 2024.

Good Conduct and Time Management is appreciated.

For Gateway Software Solutions



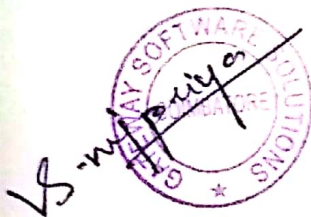
Executive Manager

Date: 28/02/2024

TO WHOM SO EVER IT MAY CONCERN

This is to confirm that Ms. DHEJA SRI S (2022MSIT04) student pursuing Second Year MSc INFORMATION TECHNOLOGY from FATIMA COLLEGE (AUTONOMOUS), MADURAI has successfully completed her project entitled "YOUTUBE DATA HARVESTING AND WAREHOUSING" in our company from December 2023 to March 2024. During this tenure, she found to be Hard Working and Very Productive. The company wishes good luck in all future endeavours.

For Gateway Software Solutions



Executive Manager

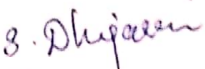
DECLARATION

I hereby declare that the work entitled “YOUTUBE DATA HARVESTING AND WAREHOUSING” is a project report of the original work done by myself. This project work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: MADURAI

Date: 22/03/2024


Signature

S.DHEJA SRI

STUDENT PERFORMANCE TRACKER

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

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Submitted by

DURGA DEVI K

2022MSIT05

Under the Guidance of

Mrs. V. Mageshwari, M. Sc., M. Phil.,

Assistant Professor

Department of Information Technology



FATIMA COLLEGE (AUTONOMOUS)

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

Mary Land, Madurai - 625018, Tamil Nadu.

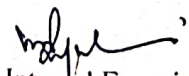
April- 2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE


This is to certify that the Project Report entitled “Student Performance Tracker” is the bonafide record work done by **DURGA DEVI K 2022MSIT05** in partial fulfillment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024


Internal Examiner


Head of the Department


External Examiner

 **Edu-versity** The Infinity Tower, 592/3B, Thiruparankundram, Avaniyapuram Main Rd,
Madurai, Tamil Nadu 625005
admin@edu-versity.in

TO WHOMSOEVER IT MAY CONCERN

This is to confirm that **Ms. DURGA DEVI K (REG.NO 2022MSIT05)**,
pursuing final year MSC[IT], FATIMA COLLEGE, MARY LAND,
MADURAI has been selected to undergo her project work “**Student
Performance Tracker**” at **Edu_iversity**, Madurai from Dec 2023.


We wish her every success in life,



Authorized Signature

The Infinity Tower, 592/3B, Thiruparankundram, Avaniyapuram Main Rd,
Madurai, Tamil Nadu 625005

admin@edu-versity.in

 **Edu-versity** The Infinity Tower, 592/3B, Thiruparankundram, Avaniyapuram Main Rd,
Madurai, Tamil Nadu 625005
admin@edu-versity.in

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. DURGA DEVI K (REG.NO 2022MSIT05)**, a student of MSc[IT], Final year, Fatima College (Autonomous), Madurai, Tamil Nadu has successfully completed her major project, duration from December 2023 to March 2024 entitled “**Student Performance Tracker**” at **Edu_versity** in madurai. During this period of her major project with us, she was punctual and inquisitive.

We wish her every success ~~life~~ in .

Edu_versity



Authorized Signature



The Infinity Tower, 592/3B, Thiruparankundram, Avaniyapuram Main Rd,

Madurai, Tamil Nadu 625005

admin@edu-versity.in

DECLARATION

I hereby declare that the project work entitled “**Student Performance Tracker**” is a project report of the original work done by myself. This project work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22.03.2024

K. Durga Devi
Signature

DURGA DEVI K

Ensuring Data Access Control Security in Multiauthority Cloud Storage System

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

**MASTER OF SCIENCE IN INFORMATION
TECHNOLOGY**

Submitted by

GURUNISHA K

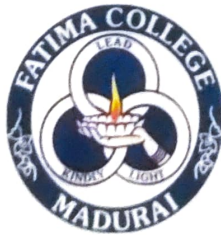
2022MSIT06

Under the Guidance of

Mrs. V. Mageshwari, M. Sc., M. Phil.,

Assistant Professor

Department of Information Technology



FATIMA COLLEGE (AUTONOMOUS)

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

Mary Land, Madurai - 625018, Tamil Nadu.


April – 2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the Project Report entitled “ **Ensuring Data Access Control Security in Multiauthority Cloud Storage System**” is the bonafide record work done by **GURUNISHA K (2022MSIT06)** in partial fulfillment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024


Internal Examiner


Head of the Department


External Examiner

TO WHOMSOEVER IT MAY CONCERN

This is to confirm that **Ms. GURUNISHA K (REG.NO 2022MSIT06)**, Pursuing final year **MSC[IT]**, **FATIMA COLLEGE, MARY LAND, MADURAI** has been selected to undergo her project work **“ENSURING DATA ACCESS CONTROL SECURITY IN MULTIAUTHORITY CLOUD STORAGE SYSTEM”** using **Java** at **Eminent Technology Solutions, Madurai** from Dec 2023.

We wish her all success in future.

For Eminent Technology Solutions,



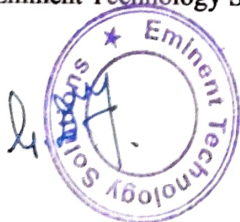
Authorized Signature

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. GURUNISHA K (REG.NO 2022MSIT06)**, a student of MSc[IT], Final year, Fatima College (Autonomous), Madurai, Tamil Nadu has Successfully completed her major project, duration from December 2023 to March 2024 entitled **“ENSURING DATA ACCESS CONTROL SECURITY IN MULTIAUTHORITY CLOUD STORAGE SYSTEM”** at EMINENT TECHNOLOGY SOLUTIONS Madurai. During this period of her major project with us, she was punctual and inquisitive.

We wish her every success in life.

For Eminent Technology Solutions,



Authorized Signature

DECLARATION

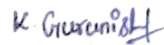
I hereby declare that the project work entitled “ **Ensuring Data Access Control Security in Multiauthority Cloud Storage System**” is a project report of the original work done by myself. This project work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in **partial** fulfillment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22.03.2024

Signature



GURUNISHA K

Enhanced Attribute - Based Encryption For Cloud

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

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Submitted by

HEMAPRIYA S

2022MSIT07

Under the Guidance of

Mrs. V. Mageshwari, M. Sc., M. Phil.,

Assistant Professor

Department of Information Technology



FATIMA COLLEGE (AUTONOMOUS)

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

Mary Land, Madurai - 625018, Tamil Nadu.


April- 2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the Project Report entitled “Enhanced Attribute - Based Encryption For Cloud ”is the bonafiderecord work done by S HEMAPRIYA 2022MSIT07 in partial fulfillment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024


Internal Examiner


Head of the Department


External Examiner

TO WHOMSOEVER IT MAY CONCERN

This is to confirm that Ms. HEMAPRIYA S (REG.NO 2022MSIT07), pursuing final year MSC[IT], FATIMA COLLEGE, MARY LAND, MADURAI has been selected to undergo her project work “ENHANCED ATTRIBUTE-BASED ENCRYPTION FOR CLOUD” using Java at Eminent Technology Solutions, Madurai from Dec 2023.

We wish her all success in future.

For Eminent Technology Solutions,



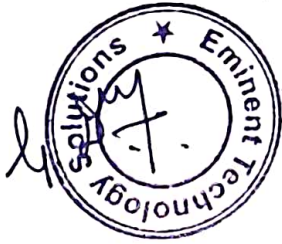
Authorized Signature

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. HEMAPRIYA S (REG.NO 2022MSIT07)**, a student of MSc[IT], Final year, Fatima College (Autonomous), Madurai, Tamil Nadu has Successfully completed her major project, duration from December 2023 to March 2024 entitled **“ENHANCED ATTRIBUTE-BASED ENCRYPTION FOR CLOUD”** at EMINENT TECHNOLOGY SOLUTIONS Madurai. During this period of her major project with us, she was punctual and inquisitive.

We wish her every success in life.

For Eminent Technology Solutions,



Authorized Signature

DECLARATION

I hereby declare that the project work entitled “**Enhanced Attribute - Based Encryption Access Control For Cloud**” is a project report of the original work done by myself. This project work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22.03.2024

Signature

S. Hemapriya
HEMAPRIYA S

Smart Underground Robots

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

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Submitted by

JENIFER SEBASTIAN

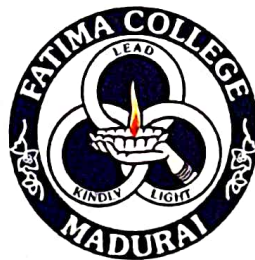
2022MSIT08

Under the Guidance of

Mrs. T. Charanya Nagammal, M. Sc., M. Phil.,

Assistant Professor

Department of Information Technology



FATIMA COLLEGE (AUTONOMOUS)

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

Mary Land, Madurai - 625018, Tamil Nadu.

April- 2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the Project Report entitled "**Smart Underground Robots** is the bonafide record work done by **JENIFER SEBASTIAN (2022MSIT08)** in partial fulfilment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024



Internal Examiner



Head of the Department



External Examiner



TO WHOMSOEVER IT MAY CONCERN

This is to confirm that **Ms. JENIFER SEBASTIAN (Reg No. 2022MSIT08)** Pursuing Final year **M.Sc (IT), Fatima College (Autonomous), Madurai, Tamil Nadu** has been selected to undergo her project work **“SMART UNDERGROUND ROBOTS USING IOT” KEVELL CORP Madurai** from **Dec 2023 to Mar 2024**.



With Best Wishes,

(Mrs. S. Pandeewari)
Business Development Head



209, DH2 Building Upstairs, Poriylar Nagar 5th Street, Thiruppalai, Madurai - 625014.
hrteam@kevellcorp.com, services@kevellcorp.com www.kevellcorp.com



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. JENIFER SEBASTIAN (Reg No. 2022MSIT08)**, a student of **M.Sc (IT)**, Final year, **Fatima College (Autonomous)**, Madurai, Tamil Nadu has successfully completed her major project, duration from **Dec 2023 to Mar 2024** entitled **"SMART UNDERGROUND ROBOTS USING IOT"** at **KEVELL CORP Madurai**. During this period of her major project with us, she was punctual and inquisitive.

We wish her every success in life.

KEVELL CORP - Madurai.



(Mrs. S. Pandeeswari)
Business Development Head



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DECLARATION

I hereby declare that the project work entitled “**Smart Underground Robots**” is a project report of the original work done by myself. This project work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai .

Date: 22.03.2024

Signature



JENIFER SEBASTIAN

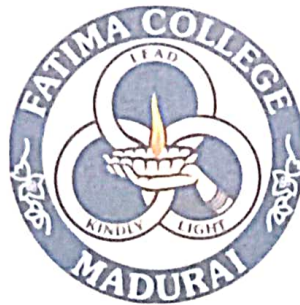
Smart Street Light Using IOT

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

MASTER OF SCIENCE INFORMATION TECHNOLOGY

Submitted by
KANISHKAA K
2022MSIT09

Under the Guidance of
Mrs.T.Charanya Nagammal, M.Sc., M.Phil.,
Assistant Professor
Department of Information Technology



Fatima College [Autonomous]

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

April - 2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the Project Report entitled "Smart Street Light Using IOT" is the bonafide record work done by KANISHKAA K (2022MSIT09) in partial fulfilment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024



Internal Examiner



Head of the Department

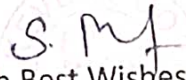


External Examiner



TO WHOMSOEVER IT MAY CONCERN

This is to confirm that Ms. K. KANISHKAA (Reg No. 2022MSIT09) Pursuing Final year M.Sc (IT), Fatima College (Autonomous), Madurai, Tamil Nadu has been selected to undergo her project work "SMART STREET LIGHT USING IOT" KEVELL CORP Madurai from Dec 2023 to Mar 2024.


With Best Wishes,

(Mrs. S. Pandeeswari)
Business Development Head



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hrteam@kevellcorp.com, services@kevellcorp.com www.kevellcorp.com



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. K. KANISHKAA (Reg No. 2022MSIT09)**, a student of **M.Sc (IT), Final year, Fatima College (Autonomous), Madurai, Tamil Nadu** has successfully completed her major project, duration from **Dec 2023 to Mar 2024** entitled **"SMART STREET LIGHT USING IOT"** at **KEVELL CORP Madurai**. During this period of her major project with us, she was punctual and inquisitive.

We wish her every success in life.

KEVELL CORP - Madurai.



(Mrs. S. Pandeewari)

Business Development Head



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hrteam@kevellcorp.com, services@kevellcorp.com www.kevellcorp.com

DECLARATION

I hereby declare that the Project work entitled "Smart Street Light using IOT" is a Project report of the original work done by myself. This work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2023-2024w.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22.03.2024

Signature
K. Kanishkaa
KANISHKAA K

FARMING DECISION SUPPORT SYSTEM USING MACHINE LEARNING

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

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Submitted by

M.KARTHIKA

2022MSIT10

Under the Guidance of

Mrs. T. Charanya Nagammal, M.Sc., M.Phil.

Assistant Professor

Department of Information Technology



FATIMA COLLEGE (AUTONOMOUS)

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

Mary Land, Madurai - 625018, Tamil Nadu.

April – 2024

DEPARTMENT OF INFORMATION TECHNOLOGY


BONAFIDE CERTIFICATE

This is to certify that the Summer Internship Report entitled “**FARMING DECISION SUPPORT SYSTEM USING MACHINE LEARNING**” is the bonafide record work done by **M.KARTHIKA(2022MSIT10)** in partial fulfillment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024


Internal Examiner


Head of the Department


External Examiner

Date: 04/11/2023

TO WHOM SO EVER IT MAY CONCERN

This is to confirm that **Ms. KARTHIKA M (2022MSIT10)** student pursuing Second Year **MSc INFORMATION TECHNOLOGY** from **FATIMA COLLEGE (AUTONOMOUS), MADURAI** have permitted to do project entitled **"FARMING DECISION SUPPORT SYSTEM"** in our company from **December 2023 to March 2024.**

Good Conduct and Time Management is appreciated.

For Gateway Software SolutionS



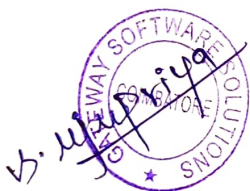
Executive Manager

Date: 28/02/2024

TO WHOM SO EVER IT MAY CONCERN

This is to confirm that **Ms. KARTHIKA M (2022MSIT10)** student pursuing Second Year **MSc INFORMATION TECHNOLOGY** from **FATIMA COLLEGE (AUTONOMOUS), MADURAI** has successfully completed her project entitled **"FARMING DECISION SUPPORT SYSTEM"** in our company from **December 2023 to March 2024**. During this tenure, she found to be Hard Working and Very Productive. The Company wishes good luck in all future endeavours.

For Gateway Software SolutionS



Executive Manager

DECLARATION

I hereby declare that the summer internship work entitled “**FARMING DECISION SUPPORT SYSTEM USING MACHINE LEARNING**” is a project report of the original work done by myself. This internship work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2022-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22.03.2024

Signature

M. Karthika

M.KARTHIKA

Data Center Monitoring and Alerting System Using WSN

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

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Submitted by

MANISHA KIRUTHIKA S

2022MSIT11

Under the Guidance of

Mrs. T. Charanya Nagammal, M. Sc., M. Phil.,

Assistant Professor

Department of Information Technology



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Mary Land, Madurai - 625018, Tamil Nadu.

April – 2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the Project Report entitled “**Data Center Monitoring And Alerting System Using WSN**” is the bonafide record work done by **MANISHA KIRUTHIKA S (2022MSIT11)** in partial fulfilment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024



Internal Examiner



Head of the Department



External Examiner

TO WHOMSOEVER IT MAY CONCERN

This is to confirm that **Ms. MANISHA KIRUTHIKA S (REG.NO 2022MSIT11)**, Pursuing final year **MSC[IT]**, **FATIMA COLLEGE, MARY LAND, MADURAI** has been selected to undergo her project work **“DATA CENTER MONITORING AND ALERTING SYSTEM USING WSN”** using **Java** at **Eminent Technology Solutions, Madurai** from Dec 2023.

We wish her all success in future.

For Eminent Technology Solutions,



Authorized Signature

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. MANISHA KIRUTHIKA S (REG.NO 2022MSIT11)**, a student of MSc[IT], Final year, Fatima College (Autonomous), Madurai, Tamil Nadu has Successfully completed her major project, duration from December 2023 to March 2024 entitled **“DATA CENTER MONITORING AND ALERTING SYSTEM USING WSN”** at EMINENT TECHNOLOGY SOLUTIONS Madurai. During this period of her major project with us, she was punctual and inquisitive.

We wish her every success in life.

For Eminent Technology Solutions,



Authorized Signature

DECLARATION


I hereby declare that the project work entitled “**Data Center Monitoring And Alerting System Using WSN**” is a project report of the original work done by myself. This project work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfilment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22.03.2024

Signature



MANISHA KIRUTHIKA S

INDUSTRIAL COPPER MODELLING USING MACHINE LEARNING

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

MASTER OF SCIENCE IN INFORMATIONTECHNOLOGY

Submitted by

R.Rajashree

2022MSIT12

Under the Guidance of

Mrs. T. Charanya Nagammal, M.Sc., M.Phil.

Assistant Professor

Department of Information Technology



FATIMA COLLEGE (AUTONOMOUS)

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

Mary Land, Madurai - 625018, Tamil Nadu.


April – 2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the Summer Internship Report entitled "INDUSTRIAL COPPER MODELLING USING MACHINE LEARNING" is the bonafide record work done by **R.Rajashree (2022MSIT12)** in partial fulfillment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22-03-2024


Internal Examiner


Head of the Department


External Examiner

Date: 04/11/2023

TO WHOM SO EVER IT MAY CONCERN

This is to confirm that **Ms. RAJASHREE R (2022MSIT12)** student pursuing Second Year **MSc INFORMATION TECHNOLOGY** from **FATIMA COLLEGE (AUTONOMOUS), MADURAI** have permitted to do project entitled **"INDUSTRIAL COPPER MODELLING PREDICTION"** in our company from **December 2023 to March 2024.**

Good Conduct and Time Management is appreciated.

For Gateway Software SolutionS



Executive Manager

Date: 28/02/2024

TO WHOM SO EVER IT MAY CONCERN

This is to confirm that **Ms. RAJASHREE R (2022MSIT12)** student pursuing Second Year **MSc INFORMATION TECHNOLOGY** from **FATIMA COLLEGE (AUTONOMOUS), MADURAI** has successfully completed her project entitled **"INDUSTRIAL COPPER MODELLING PREDICTION"** in our company from **December 2023 to March 2024**. During this tenure, she found to be Hard Working and Very Productive. The Company wishes good luck in all future endeavours.

For Gateway Software Solutions



Executive Manager

DECLARATION

I hereby declare that the summer internship work entitled "INDUSTRIAL COPPER MODELLING USING MACHINE LEARNING" is a project report of the original work done by myself. This internship work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2022-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22 - 03 - 2024

R. Rajashree
Signature

R. RAJASHREE

Industrial Monitor and Control System

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

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

Submitted by

SANTHIYA P

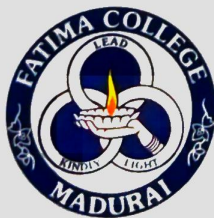
2022MSIT13

Under the Guidance of

Mrs. T. Charanya Nagammal, M. Sc., M. Phil.,

Assistant Professor

Department of Information Technology



FATIMA COLLEGE (AUTONOMOUS)

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Mary Land, Madurai - 625018, Tamil Nadu.

April- 2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the Project Report entitled “Industrial Monitor and Control System” is the bonafide record work done by SANTHIYA P (2022MSIT13) in partial fulfilment for the award of the degree M.Sc. (INFORMATION TECHNOLOGY), Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024



Internal Examiner



Head of the Department



External Examiner



TO WHOMSOEVER IT MAY CONCERN

This is to confirm that **Ms. SANTHIYA (Reg No. 2022MSIT13)** Pursuing Final year **M.Sc (IT), Fatima College (Autonomous), Madurai, Tamil Nadu** has been selected to undergo her project work **"INDUSTRIAL MONITOR AND CONTROL SYSTEM USING IOT"** KEVELL CORP Madurai from **Dec 2023 to Mar 2024.**



With Best Wishes,

(Mrs. S. Pandeeswari)
Business Development Head



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hrteam@kevellcorp.com, services@kevellcorp.com www.kevellcorp.com



TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SANTHIYA (Reg No. 2022MSIT13)**, a student of **M.Sc (IT)**, Final year, **Fatima College (Autonomous)**, Madurai, Tamil Nadu has successfully completed her major project, duration from **Dec 2023 to Mar 2024** entitled **"INDUSTRIAL MONITOR AND CONTROL SYSTEM USING IOT"** at **KEVELL CORP** Madurai. During this period of her major project with us, she was punctual and inquisitive.

We wish her every success in life.

KEVELL CORP - Madurai.



(Mrs. S. Pandeewari)
Business Development Head



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hrteam@kevellcorp.com, services@kevellcorp.com www.kevellcorp.com

DECLARATION

I hereby declare that the project work entitled "**Industrial Monitor and Control System**" is a project report of the original work done by myself. This project work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: Madurai

Date: 22.03.24

Signature

P. Santhiya
SANTHIYA P

ACKNOWLEDGEMENT

I am grateful to mention the people whose constant inspiration, guidance and blessings made my project a successful one.

I thank God for his substantial blessings and mercy at all stages of the completion of my project. Taking this opportunity, I thank my parents and friends for their sacrifices in supporting me.

I express my sincere thanks to **Rev. Dr. Sr. G. Celine Sahaya Mary., Principal, Fatima College, Madurai** for giving me a comfortable environment.

I express my sincere thanks to **Dr. Sr. G. Jenita Rani, M.Sc., M.Phil., Ph.D. Vice Principal** for her extensive support rendered to carry out this project successfully.

I express my sincere thanks to **Dr. M. Meenachi, Vice Principal** for her extensive support rendered to carry out this project successfully.

I owe my special thanks to **Mrs. T. Leena Prema Kumari, M.Sc., M.Phil., DGT, (Ph.D.) Head, Department of IT**, for her valuable guidance and encouragement.

I express my faithful thanks to external guide **Mrs. S. Pandeewari, BE.CSE , Kevell Corp, Madurai**, for her guidance and expert advice rendered by her in modest attempt at preparing this project.

I owe my special thanks to **Mrs. T. Charanya Nagammal, M.Sc., M.Phil., Department of IT**, for her valuable guidance and encouragement.

I wish to express my deep felt gratitude to my family for their constant support and contribution to this project work. Also, I would like to thank all my teachers, friends and well-wishers who have helped me for doing this project and throughout the M. Sc course.

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CUSTOMER CONVERSION PREDICTION USING MACHINE LEARNING

**A Project Submitted to Madurai Kamaraj University in Partial Fulfillment
of the Requirement for the Award of Degree of
MASTER OF SCIENCE IN INFORMATION TECHNOLOGY**

Submitted by

M. SWETHA

2022MSIT15

Under the Guidance of

Mrs. T. Charanya Nagammal, M.Sc., M.Phil.,

Assistant Professor

Department of Information Technology



FATIMA COLLEGE (AUTONOMOUS)

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Mary Land, Madurai - 625018, Tamil Nadu.

April-2024

DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that the Project report entitled "CUSTOMER CONVERSION PREDICTION USING MACHINE LEARNING" is the bonafide record work done by, **M.SWETHA (2022MSIT15)** in partial fulfillment for the award of the degree M.Sc. (Information Technology) Fatima College, Madurai.

Submitted for the viva-voce Examination held on 22.03.2024



Internal Examiner



Head of the Department



External Examiner

Date: 04/11/2023

TO WHOM SO EVER IT MAY CONCERN

This is to confirm that **Ms. SWETHA M (2022MSIT15)** student pursuing Second Year **MSc INFORMATION TECHNOLOGY** from **FATIMA COLLEGE (AUTONOMOUS), MADURAI** have permitted to do project entitled "**CUSTOMER CONVERSION PREDICTION**" in our company from **December 2023 to March 2024**.

Good Conduct and Time Management is appreciated.

For Gateway Software Solutions



Executive Manager

Date: 28/02/2024

TO WHOM SO EVER IT MAY CONCERN

This is to confirm that **Ms. SWETHA M (2022MSIT15)** student pursuing Second Year **MSC INFORMATION TECHNOLOGY** from **FATIMA COLLEGE (AUTONOMOUS), MADURAI** has successfully completed her project entitled **"CUSTOMER CONVERSION PREDICTION"** in our company from **December 2023 to March 2024**. During this tenure, she found to be Hard Working and Very Productive. The Company wishes good luck in all future endeavours.

For Gateway Software Solutions



Executive Manager

DECLARATION

I hereby declare that the work entitled “CUSTOMER CONVERSION PREDICTION USING MACHINE LEARNING” is a project report of the original work done by myself. This project work is submitted to Fatima College (Affiliated to Madurai Kamaraj University) in partial fulfillment of the degree of Master of Science during the academic year 2023-2024.

I declare that this dissertation or any part thereof has not been submitted for getting any degree or diploma from any university or college.

Place: MADURAI

Date: 22.03.2024

M. Swetha

Signature

M. SWETHA