

CERTIFICATE

This is to certify that the work contained in the project entitled “**Digital Locker Double Using Encryption**”, submitted by **Aksha.S (Reg No: 20BCS0004)** for the award of the degree of **Bachelor of Computer Science** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research work carried out by her under my direct supervision.

I considered that the project has reached the standards and fulfilling therequirements of the rules and regulations relating to the nature of the degree. The contentsembodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.


Place: Kilakarai.

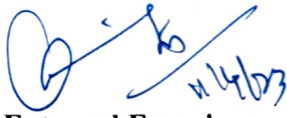

Signature of the Supervisor

Dr. P. Senthil Kumari, MCA., MPhil., PhD
Head In - Charge
Department of Computer Science
and Research Center.
Thassim Beevi Abdul Kader College for Women

Approved by:


Head of the Department
Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram District


Internal Examiner


External Examiner

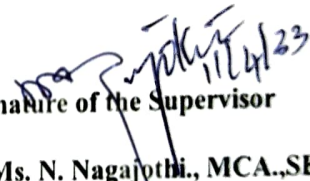
CERTIFICATE

This is to certify that the work contained in the project entitled "A Dietary Recommender System For Chronic Diseases", submitted by **H. Aashima Farhath (Reg No: 20BCS0002) & J. Muneesh Prabha (Reg No: 20BCS0026)** for the award of the degree of Bachelor of Science to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research work carried out by them under our direct supervision.

I considered that the project they reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.

Place: Kilakarai.


Signature of the Supervisor

Ms. N. Nagajothi, MCA.,SET
Assistant Professor,
Department of Computer Science and Research Center,
Thassim Beevi Abdul Kader College for Women

Approved by:


Internal Examiner


Head of the Department
Dr. M.S. IRFAN AHMED

Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramnathapuram District

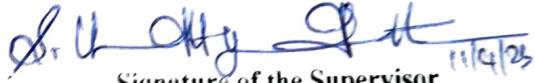

External Examiner

CERTIFICATE

This is to certify that the work contained in the thesis entitled "cryptocurrency price analysis with artificial intelligence", submitted by M.Adchaya (Regd. No.: 20BCS0003)&M.Dawood Rasiha(20BCS0008) for the award of the degree of Bachelor Of computer science to the Thassim Beevi Abdul Kader College for Women, Kilakarai isa record of bonafide research works carried out by her under my direct supervision.


I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university/college.

Date:11/04/2023
Place:kilakarai


Signature of the Supervisor

Name of the Research Supervisor
Assistant Professor. **S. UMMUL HYRUL FATHIMA M.E**
Department of computer science
Thassim Beevi Abdul Kader College for Women

Approved by


Head of the Department
Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram District.


Internal Examiner


External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled "Batch Signature for Multicast Packets", submitted by G.K. Anjana Devi (Reg No:20BCS0005) and M. Dharani (Reg No:20BCS0044) for the award of the degree of Bachelor of science (Computer Science) to the Thassim Beevi Abdul Kader College for Women, Kilakarai is a record of Bonafede research work carried out by her under my direct supervision.

I considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11.04.2023

Place: Kilakarai.


Signature of the Supervisor

D. Usha Rani MCA., M.Phil.,
Assistant professor

Department of Computer Science and Research Center.
Thassim Beevi Abdul Kader College for Women

Approved by:


Head of the Department
Dr. M.S. IRFAN AHMED

Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram District


Internal Examiner


External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled "**Emergency Braking System: Accident Avoidance Of Vehicle Collision Due To Driver Distress**", submitted by **Asma Safrin S (Reg No: 20BCS0006) & Yamini Devi K (Reg No: 20BCS0042)** for the award of the degree **Bachelor Of Computer Science** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research work carried out by her under my direct supervision.

We considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.

Place: Kilakarai.



Signature of the Supervisor

Ms. J. Fathima Haleema, M.Sc., M.Phil

Assistant Professor,

Department of Computer Science and Research Center.

Thassim Beevi Abdul Kader College for Women.

Approved by:



Head of the Department

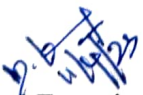
Dr. M.S. IRFAN AHMED

Professor & Director


Research and Industry Institute Relations

Thassim Beevi Abdul Kader College for Women

Kilakarai - 623517, Ramanathapuram District



Internal Examiner



External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled "Enhanced Security For ATM Using Graphical Password Authentication with OTP", submitted by A.Atchaya (Reg No: 20BCS0007) & M.Maha Lakshmi (Reg No:20BCS0024) for the award of the degree of Bachelor of Science to the Thassim Beevi Abdul Kader College for Women, Kilakarai is a record of bonafide research work carried out by her under my direct supervision.

We considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.
Place: Kilakarai.




Signature of the Supervisor
Ms. S.Habeeb Mohamed Sathak Amina, MCA.
Assistant Professor,
Department of Computer Science
and Research Center.
Thassim Beevi Abdul Kader College for Women

Approved by:

Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517 Ramanathapuram District


Internal Examiner


Head of the Department


External Examiner


CERTIFICATE

This is to certify that the work contained in the project entitled “**Android patient tracker**”, submitted by **T. Elakkiya (20BCS0011)** and **M. Raihana Begam(20BCS0031)** for the award of the degree of **Bachelor of Computer Science to the Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research work carried out by her under my direct supervision.

We considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.

Place: Kilakarai.

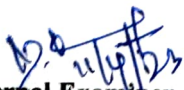

Signature of the Supervisor


Ms. M. Nagavalli, MCA., MBA., M.Phil.,
Assistant Professor,
Department of Computer Science
and Research Center.
Thassim Beevi Abdul Kader College for Women

Approved by:

Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram District.


Head of the Department


Internal Examiner


External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled “**Secure File Transfer Using Hybrid Cryptography**”, submitted by **Faheema B (Reg No: 20BCS0012)** **Noorul Haleesa T (Reg No: 20BCS0028)** for the award of the degree **Bachelor of Computer Science** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research work carried out by her under my direct supervision.

We considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.

Place: Kilakarai.

Signature of the Supervisor

Ms. K. Annsheela, MCA.,

Assistant Professor,

Department of Computer Science
and Research Center.

Thassim Beevi Abdul Kader College for Women

Approved by:

Head of the Department

Dr. M.S. IRFAN AHMED

Professor & Director

Research and Industry Institute Relations

Thassim Beevi Abdul Kader College for Women

Kilakarai - 623517, Ramanathapuram District.

Internal Examiner

External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled "Secret communication using cryptography and steganography", submitted by **Devika K (Reg. No.: 20BCS0009) & Divyadharshini S(Reg no.20BCS0010)** for the award of the degree of **Bachelor of Science in Computer Science** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research works carried out by her under my direct supervision.

I considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university/college.

Date: 11.04.2023

Place: Kilakarai

Signature of the Supervisor

Ms. R. Sudha Abirami
Assistant Professor, Department of Computer
Science and Research Center.
Thassim Beevi Abdul Kader College for Women

Approved by:

M. S. IRFAN AHMED

Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram District

Internal Examiner

11/4/23
Head of the Department

11/4/23

External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled “Secure Data Sharing In Cloud Computing Using Role Based Techniques”, submitted by Farhana S (Reg No: 20BCS0013) & Kalandar Fathima Izfaha M(Reg No: 20BCS0020) for the award of the degree Bachelor Of Computer Science to the Thassim Beevi Abdul Kader College for Women, Kilakarai is a record of bonafide research work carried out by her under my direct supervision.

We considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.

Place: Kilakarai.

Signature of the Supervisor

Dr. A.KRISHNAVENI MSc.,M.Sc(Psy).,

PH.D.,PGDBI.,BLISC.,

Assistant Professor,

Department of Computer Science and Research Center,

Thassim Beevi Abdul Kader College for Women.

Approved by:

Head of the Department

Dr. M.S. IRFAN AHMED

Professor & Director

Research and Industry Institute Relations

Thassim Beevi Abdul Kader College for Women

Kilakarai - 623517, Ramanathapuram District.

Internal Examiner

External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled “**On Road Vehicle Breakdown Assistance Management System**”, submitted by **Geerthana B (Reg No: 20BCS0014) & Kruba B (Reg No: 20BCS0023)** for the award of the degree of **Bachelor of Computer Science** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research work carried out by her under my direct supervision.

We considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.

Place: Kilakarai.

Ms. M. Wasiba Begam
11/4/23

Signature of the Supervisor

Ms.M.Wasiba Begam, Msc IT

Assistant Professor,
Department of Computer Science and Research Center.
Thassim Beevi Abdul Kader College for Women

Approved by:

M. S. Irfan Ahmed
11/4/23
Head of the Department
Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram District

Geerthana B
11/4/23
Internal Examiner

External Examiner

G. S. Srinivasan
11/6/23

CERTIFICATE

This is to certify that the work contained in the thesis entitled "Emotion Based On Recommendation Based On Spotify API", submitted by J.Jasmiya/B.Jeevitha (20BCS0016/20BCS0017) for the award of the degree of BSC-Computer Science to the Thassim Beevi Abdul Kader College for Women, Kilakarai is a record of bonafide research works carried out by her under my direct supervision.

I considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university/college.

Date: 11/04/2023

Place: Kilakarai


Signature of the Supervisor

Ms.M.Nagavalli,MCA.,MBA.,MPhil,BEd

Assistant Professor

Department of Computer Science

And Research Department

Thassim Beevi Abdul Kadar College For Women

Approved by

Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram District


11/4/23
Head of the Department


11/4/23
Internal Examiner


11/4/23
External Examiner

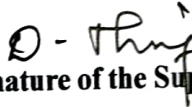
CERTIFICATE

This is to certify that the work contained in the thesis entitled “**Way to help – a donation web application**”, submitted by **Jesima Yasmine A (Reg. No. 20BCS0018)** and **Jeyashree G (Reg. No. 20BCS0019)** for the award of the degree of **Bachelor of Computer Science** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research works carried out by us under our direct supervision.

We considered that the thesis has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the thesis have not been submitted for the award of any other degree or diploma in this or any other university/college.

Date: 11/04/2023.

Place: Kilakarai.


Signature of the Supervisor

Ms. D. Bala Tharani, M.E.,
Assistant Professor
Department of Computer Science
and Research Center
Thassim Beevi Abdul Kader College for Women

Approved by:


Head of the Department
Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramnathapuram District.


Internal Examiner


External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled "Smart Car parking System", submitted by Karishma S (Reg No: 20BCS0021) & Sri Priyadharshini I (Reg No: 20BCS0038) for the award of the degree of Bachelor of Computer Science to the Thassim Beevi Abdul Kader College for Women, Kilakarai is a record of bonafide research work carried out by her under my direct supervision.

We considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.

Place: Kilakarai.

M.T. Pavithra
10/04/2023

Signature of the Supervisor

Ms.M.Pavithra,M.Sc.,

Assistant Professor,
Department of Computer Science and Research Center.
Thassim Beevi Abdul Kader College for Women

Approved by:

M.S. Irfan Ahmed
11/4/23

Head of the Department
Dr. M.S. IRFAN AHMED

Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramnathapuram District

p.b. 11/4/23
Internal Examiner

G. S.
11/4/23


External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled "Electricity Leakage Detection using IoT", submitted by **S.Priyadharshini** (Reg No:20BCS0029) and **B.Kaviya** (Reg No:20BCS0022) for the award of the degree of **Bachelor of Science (Computer Science)** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research work carried out by them under my direct supervision.

I considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.


Signature of the Supervisor

Place: Kilakarai.

Dr. P. Senthil Kumari, MCA.,MPhil.,PhD
Head In - Charge,
Department of Computer Science
and Research Center.
Thassim Beevi Abdul Kader College for Women

Approved by:

Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517 Ramanathapuram District


Head of the Department


Internal Examiner


External Examiner

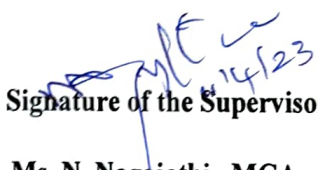
CERTIFICATE

This is to certify that the work contained in the project entitled **Android Women Safety App**, submitted **V. Mahalakshmi (Reg No:20BCS0025) & B. Thirisha (Reg No: 20BCS0041)** for the award of the degree of **Bachelor of Science** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research work carried out by them under our direct supervision.

I considered the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.

Place: Kilakarai.


Signature of the Supervisor

Ms. N. Nagajothi., MCA.,
Assistant Professor,
Department of Computer Science and Research Center.
Thassim Beevi Abdul Kader College for Women

Approved by:


Head of the Department
Jr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517 Ramanathapuram District


Internal Examiner

External Examiner



CERTIFICATE

This is to certify that the work contained in the project entitled “**Suicidal Tweets detection using machine learning**”, submitted by **Nasrin Fathima.M & Ralina Shifa.S (Reg No: 20BCS0027,20BCS0032)** for the award of the degree of **Bachelor of Computer Science** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research work carried out by her under my direct supervision.

We considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.

Place: Kilakarai.



Signature of the Supervisor

Ms. K .Annsheela,MCA.,

Assistant Professor,

Department of Computer Science
and Research Center.

Thassim Beevi Abdul Kader College
for Women

Approved by:

Dr. M.S. IRFAN AHMED

Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram



Internal Examiner



Head of the Department



External Examiner


CERTIFICATE

This is to certify that the work contained in the project entitled “Bluetooth based home automation using Arduino”, submitted by Priyanka S (Reg No: 20BCS0030) & Saima A (Reg No: 20BCS0034) for the award of the degree Bachelor Of Computer Science to the Thassim Beevi Abdul Kader College for Women, Kilakarai is a record of Bonafede research work carried out by her under my direct supervision.

We considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.


Date: 11.04.2023

Place: Kilakarai


Signature of the Supervisor

Ms. D. USHA RANI MCA., M.Phil.,
Assistant Professor,
Department of Computer Science and Research Center
Thassim Beevi Abdul Kader College for Women

Approved By:


Internal Examiner

Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram District.


Head of the Department


External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled “**Audio Steganography**”, submitted by **Roshan Safeeka A (Reg No: 20BCS0033) & Yoga Shri M (Reg No: 20BCS0043)** for the award of the degree **Bachelor of Computer Science** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of bonafide research work carried out by her under my direct supervision.

We considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.
Place: Kilakarai.


Signature of the Supervisor

Ms. J. Fathima Haleema, M.Sc., M.Phil
Assistant Professor,
Department of Computer Science
and Research Center.
Thassim Beevi Abdul Kader College for Women.

Approved By:

Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram District.


Head of the Department


Internal Examiner


External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled “**Network Spam Based on Detection Framework**”, submitted by **N. Swetha (Reg No:20BCS0040)** and **S. Salima Nisha (Reg No:20BCS0035)** for the award of the degree of **Bachelor of science (Computer Science)** to the **Thassim Beevi Abdul Kader College for Women, Kilakarai** is a record of Bonafede research work carried out by her under my direct supervision.

I considered that the project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or any other university / college.

Date: 11/04/2023.

Place: Kilakarai.

Signature of the Supervisor

**R. Sudha Abirami MCA., MBA., M.E.,
M.Phil., SET, NET**
Assistant professor

Department of Computer Science
and Research Center.

Thassim Beevi Abdul Kader College for Women

Approved by:

Dr. M.S. IRFAN AHMED

Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517, Ramanathapuram District.

Head of the Department

Internal Examiner

External Examiner

CERTIFICATE

This is to certify that the work contained in the project entitled "Zoo management system", submitted by Sarumathi S (Reg. No: 20BCS0036) & Subhanu A (Reg. No: 20BCS0039) for the award of the degree of Bachelor of Computer Science to the Thassim Beevi Abdul Kader College for Women, Kilakarai is a record of bonafide research works carried out by her under my direct supervision.

We considered that the Project has reached the standards and fulfilling the requirements of the rules and regulations relating to the nature of the degree. The contents embodied in the project have not been submitted for the award of any other degree or diploma in this or anyother university/college.

Date: 11.04.2023

Place: Kilakarai

Signature of the Supervisor

Ms.S.Habeeb Mohamed Sathak Amina MCA.,
Assistant Professor,
Department of Computer Science and research Center,
Thassim Beevi Abdul Kader College for Women.

Approved by:

Head of the Department
Dr. M.S. IRFAN AHMED
Professor & Director
Research and Industry Institute Relations
Thassim Beevi Abdul Kader College for Women
Kilakarai - 623517 Ramaniathapuram District

Internal Examiner

External Examiner