



Idhaya College for Women, Kumbakonam
Accredited with A+ Grade by NAAC 1st Cycle

NAAC AQAR 2023-2024

1.3 Curriculum Enrichment

1.3.2 Number of Courses Project Work / Field Works /
Internships

Project Work

Department of Computer Science

UG & PG

IDHAYA COLLEGE FOR WOMEN

Accredited with 'A+' Grade by NAAC - 1st Cycle

(Affiliated to Bharathidasan University, Tiruchirappalli)

Recognized by 2(f) & 12(B) of UGC Act 1956

An ISO 9001:2015 Certified Institution

Kumbakonam – 612001.

DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**EXPLORING THE LATEST TRENDS IN INDOOR LOCATION-BASED TECHNOLOGIES**” is a Bonafide record of project work done by **K. AARTHI (Reg. No: CB21S 205114)** and **R. ASHA (Reg. No: CB21S 205167)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.


INTERNAL GUIDE

Dr. C. PREMILA ROSY

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Idhaya College for Women, Kumbakonam held on 27/2/2024.....

Examiners:

1. .....
2. .....

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**DECODING CUSTOMER BEHAVIOR FOR BANKING TRANSACTIONS**” is a bonafide record of project work done by **K. ABINAYA (Reg. No: CB21S 205115)** and **C. BANUPRIYA (Reg. No: CB21S 205125)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023 - 2024**.

A. Subramanian

INTERNAL GUIDE

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C. Premila Rosy
27/2/2024
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Viva-Voce Examination held on 27/2/2024.....

Examiners:

1. *le Ann* 27/2/2024
2. *A. Subramanian* 27.2.2024

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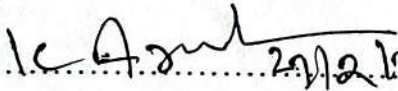
This is to certify that the project entitled “**DETECTING AND MITIGATING INJECTION ATTACKS IN WEB APPLICATIONS**” is a bonafide record of project work done by **R. ABINAYA (Reg. No: CB21S 205116)** and **A. DAISY RANI (Reg.No: CB21S 205127)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023 – 2024**.


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Viva-Voce Examination held on ..27/2/2024.....

Examiners:

1......27/2/24.....

2......27/2/24.....

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “GUARDING TRANSACTIONS: QR CODE ENCRYPTION FOR SECURE BILLING SYSTEMS” is a bonafide record of Project work done by **D. ROOBALA (Reg. No: CB21S 205149)** and **S. ABINAYA (Reg. No: CB21S 205117)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

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Examiners:

1. [Signature].....

2. [Signature].....

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This is to certify that the project entitled “UNVEILING VULNERABILITIES AND SAFEGUARDING AGAINST SQL INJECTION THREATS” is a bonafide record of project work done by S. ABIRAMI (Reg. No: CB21S 205118) and A. ARSHIYA AFRIN (Reg. No: CB21S 205123) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

A. Nahyal
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Viva-Voce Examination held on ... 27/2/2024

Examiners:

1. *le Ar...* 27/2/24
2. *A. Nahyal* 27/2/24

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Viva-Voce Examination held on 27/12/2024.....

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1. 27/12/24
2. 27/12/24

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “ADVANCES IN STEGANOGRAPHY DETECTION THROUGH PROGRESSIVE STRUCTURE ADAPTATION SYSTEMS” is a bonafide record of project work done by **A. AFRA (Reg. No: CB21S 205120)** and **S.R. DHARANI (Reg. No: CB21S 205128)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

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Examiners:

1. 25/2/24

2. 25/2/24

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**TEMPSENSE: IOT-BASED TEMPERATURE MONITORING SYSTEM**” is a Bonafide record of project work done by **B. ANJALI (Reg. No: CB21S 205121)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.


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23/2/24

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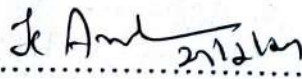
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Examiners:

1.  27/2/24

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This is to certify that the project entitled “**EXPLORING INNOVATIONS IN BLOCKCHAIN IDENTITY VERIFICATION**” is a bonafide record of project work done by **R. ANUSHRI (Reg.No: CB21S 205122)** and **K. GAYATHRI (Reg. No: CB21S 205130)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023 – 2024**.

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Examiners:

1.

2. 27/2/2024

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A. Nahyal
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Viva-Voce Examination held on ... *27/2/2024* ...

Examiners:

1. *Arshiya Afrin*
 2. *A. Nahyal*
- 27/2/24*

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “ADVANCEMENTS IN CHAOTIC ENCRYPTION FOR SELECTIVE IMAGE PROTECTION” is a bonafide record of project work done by **H. AYISHA SIDEEKA (Reg. No: CB21S 205124)** and **S. JANANI (Reg. No: CB21S 205133)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023 – 2024**.

S. [Signature]

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[Signature]
24/2/24

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Viva-Voce Examination held on 27/2/2024

Examiners:

1. *K. Arul* 27/2/24
2. *S. [Signature]* 27/2/24

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A. Kishore

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27/2/24
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Viva-Voce Examination held on 27/2/2024.....

Examiners:

1. *U. Anand* 27/2/24.....

2. *A. Kishore* 27/2/2024.....

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**VERIFYING ENCRYPTED MESSAGES THROUGH STEGANOGRAPHY TECHNIQUES**” is a bonafide record of project work done by **G. CHARUMATHI (Reg. No: CB21S 205126)** and **G. KEERTHANA (Reg. No: CB21S 205136)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

A. Nalajal

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C. Premila R.

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Examiners:

1. *le Azh...*

2. *A. Nalajal*
27/2/24

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Examiners:

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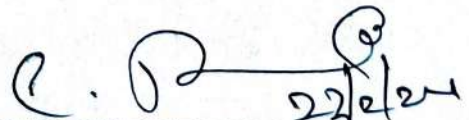
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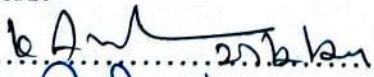

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This is to certify that the project entitled “**HARNESSING BLOCKCHAIN TECHNOLOGY FOR TRANSPARENT TRANSACTIONS**” is a Bonafide record of project work done by **J. JAMASRI (Reg. No: CB21S 205132)** and **S. PAVITHRA (Reg. No: CB21S 205141)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023 – 2024**.

INTERNAL GUIDE

ASSISTANT PROFESSOR

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HEAD OF THE DEPARTMENT

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Head of the Department

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Idhaya College for Women, Kumbakonam-612 001.

Viva-Voce Examination held on 27/2/2024

Examiners:

1.
2.

IDHAYA COLLEGE FOR WOMEN

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(Affiliated to Bharathidasan University, Tiruchirappalli)

Recognized by 2(f) & 12(B) of UGC Act 1956

An ISO 9001:2015 Certified Institution

Kumbakonam – 612001.

DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “ADVANCEMENTS IN CHAOTIC ENCRYPTION FOR SELECTIVE IMAGE PROTECTION” is a bonafide record of project work done by **H. AYISHA SIDEEKA (Reg. No: CB21S 205124)** and **S. JANANI (Reg. No: CB21S 205133)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023 – 2024**.

S. [Signature]

INTERNAL GUIDE

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Viva-Voce Examination held on 27/12/2024

Examiners:

1. *K. Anil 27/12/24*
2. *S. [Signature] 27/12/24*

IDHAYA COLLEGE FOR WOMEN

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

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Examiners:

1. 20/2/24

2. 20/2/24

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “ENHANCING TRANSPARENCY AND EFFICIENCY WITH BLOCKCHAIN TECHNOLOGY ” is a bonafide record of project work done by **G. KAVIYADHARSHINI (Reg. No: CB21S 205135)** and **M. PRIYADHARSHINI (Reg. No: CB21S 205143)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the VI Semester of academic year **2023 - 2024**.

A. Lakshmi

INTERNAL GUIDE

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Dr. C. Premila Rosy
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Viva-Voce Examination held on ..27/2/2024.....

Examiners:

1. *b. Anand* 27/2/24

2. *A. Lakshmi* 27/2/24

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Kumbakonam – 612001.

DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**VERIFYING ENCRYPTED MESSAGES THROUGH STEGANOGRAPHY TECHNIQUES**” is a bonafide record of project work done by **G. CHARUMATHI (Reg. No: CB21S 205126)** and **G. KEERTHANA (Reg. No: CB21S 205136)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

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Viva-Voce Examination held on ..27/2/2024.. Idhaya College for Women, Kumbakonam-612 001.

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Head of the Department

PG and Research Department of Computer Science..

Examiners:

1. le Azh...

2. A. Nalini
27/2/24

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BONAFIDE CERTIFICATE

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S. Ganesan

INTERNAL GUIDE

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C. Premila Rosy
24/2/24

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Viva-Voce Examination held on 27/02/2024 PG and Research Department of Computer Science
Idhaya College for Women, Kumbakonam

Examiners:

1. *le Arul*

2. *S. Ganesan* / *27/2/24*

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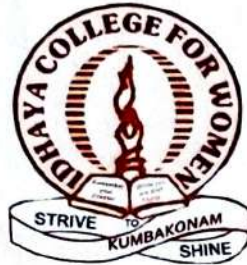
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A. Nalajal

INTERNAL GUIDE

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Examiners:

1.*Dr. Arundhan*.....

2.*A. Nalajal*.....
27/12/24

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Viva-Voce Examination held on 27/2/2024

Examiners:

1. 27/2/24
2. 27/2/24

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**INNOVATIVE SYSTEMS FOR PERSONALIZED RECIPE RECOMMENDATIONS IN DIET AND NUTRITION MANAGEMENT**” is a Bonafide record of project work done by **A. PREETHIKA (Reg. No: CB21S 205142)** and **N. RAMYA (Reg. No: CB21S 205146)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.


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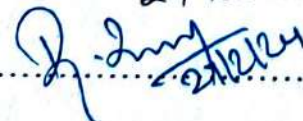
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Examiners:

1......

2......

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A. hiba

INTERNAL GUIDE

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27/2/24

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Examiners:

1. *Dr. A. Anand* 27/2/24

2. *A. hiba* 27/2/24

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INTERNAL GUIDE

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Viva-Voce Examination held on ...27/2/2024.....

Examiners:

1. 27/2/24
2. 27/2/24

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S. Ganesan
INTERNAL GUIDE

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Viva-Voce Examination held on **27/02/2024**

Examiners:

- 1. *le Arul...*
- 2. *S. Ganesan*
27/2/24

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INTERNAL GUIDE

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Viva-Voce Examination held on 27/12/2024 ...

Examiners:

1. 27/12/24

2. 27/12/24

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A. Nalajal

INTERNAL GUIDE

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2. *A. Nalajal*

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INTERNAL GUIDE

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Examiners:

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Viva-Voce Examination held on **27/2/2024**

IDHAYA COLLEGE FOR WOMEN

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Kumbakonam – 612001.

DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “GUARDING TRANSACTIONS: QR CODE ENCRYPTION FOR SECURE BILLING SYSTEMS” is a bonafide record of Project work done by **D. ROOBALA (Reg. No: CB21S 205149)** and **S. ABINAYA (Reg. No: CB21S 205117)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

INTERNAL GUIDE

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27/2/2024

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “ANALYZING THE E-MOTIONS HARNESSING SENTIMENT ANALYSIS FOR ONLINE LEARNING FEEDBACK” is a bonafide record of project work done by **R. ROSANA FARVEEN (Reg. No: CB21S 205150)** and **R. SNEKHA (Reg. No:CB21S 205156)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

INTERNAL GUIDE

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**SMART CONTRACTS, SMARTER MARKETS: A BLOCKCHAIN-POWERED PLATFORM FOR SEAMLESS CONTRACT PRODUCTION**” is a bonafide record of project work done by **H. SAMEERA BEGAM (Reg.No: CB21S 205152)** and **A. SWATHI (Reg.No: CB21S 205161)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023 - 2024**.

A. Lakshmi

INTERNAL GUIDE

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Dr. C. Premila Rosy

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Dr. C. PREMILA ROSY

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Head of the Department**

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Viva-Voce Examination held on 27/2/2024.....

Examiners:

1. *Dr. A. Lakshmi* 27/2/2024.....

2. *A. Lakshmi* 27/2/2024.....

IDHAYA COLLEGE FOR WOMEN

Accredited with 'A+' Grade by NAAC - 1st Cycle

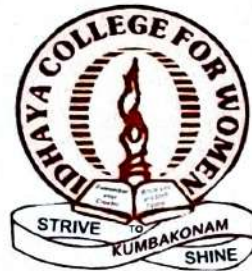
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DEPARTMENT OF COMPUTER SCIENCE



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S. Gopi

INTERNAL GUIDE

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Viva-Voce Examination held on 27/2/2024.....

Examiners:

1. *le Arul* 27/2/24

2. *S. Gopi* 27/2/24

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A. Nalajal

INTERNAL GUIDE

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C. Premila Rosy

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Examiners:

1. *[Signature]*

2. *A. Nalajal*

27/2/24

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**HARVESTING INSIGHTS: SOCIAL MEDIA CONTENT SCRAPING SOLUTIONS**” is a Bonafide record of project work done by **J. SHIFANA (Reg. No: CB21S 205155)** and **A. SUBASRI (Reg. No: CB21S 205158)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

INTERNAL GUIDE

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23/2/24

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “ANALYZING THE E-MOTIONS HARNESSING SENTIMENT ANALYSIS FOR ONLINE LEARNING FEEDBACK” is a bonafide record of project work done by **R. ROSANA FARVEEN (Reg. No: CB21S 205150) and R. SNEKHA (Reg. No:CB21S 205156)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

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Viva-Voce Examination held on 27/2/2024.....

Examiners:

1. [Signature].....

2. [Signature].....

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**MEDIALERT: EMBEDDED MEDICINE REMINDER WITH REAL-TIME CLOCK**” is a Bonafide record of project work done by **M. SOBIKA** (Reg. No: **CB21S 205157**) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.


INTERNAL GUIDE

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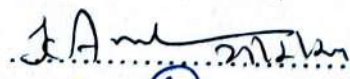
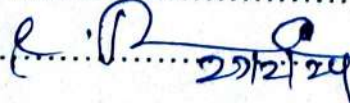

HEAD OF THE DEPARTMENT

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Viva-Voce Examination held on 27/2/2024.....

Examiners:

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2. .....

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**PREDICTIVE POWERHOUSES: HARNESSING SUPERVISED MACHINE LEARNING FOR STOCK MARKET PROGNOSTICATION**” is a bonafide record of project Work done by **M. SUJANA (Reg. No: CB21S 205160)** and **V. SUBHASHINI (Reg.No: CB21S 205159)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023 - 2024**.



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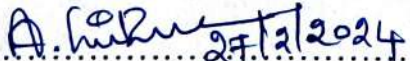
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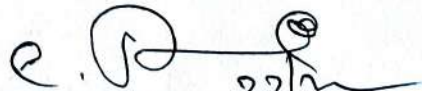


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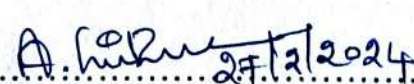
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A. Lakshmi

INTERNAL GUIDE

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e. Premila Rosy
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Viva-Voce Examination held on 27/2/2024.....

Examiners:

1. *e. Premila Rosy* 27/2/2024.....

2. *A. Lakshmi* 27/2/2024.....

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INTERNAL GUIDE

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23/2/24
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Head of the Department
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Viva-Voce Examination held on 27/2/2024.....

Examiners:

1. le Arul 27/2/24

2. S. Sathithya 27/2/24

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A. Nalajal

INTERNAL GUIDE

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Examiners:

1. *C. Premila Rosy*

2. *A. Nalajal*

27/2/24

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “EMPOWERING WOMEN'S SELF-HELP GROUPS THROUGH CLUSTER-BASED INITIATIVES” is a bonafide record of project work done by **K. AARTHY** (Reg. No: CB21S 205164) and **G. SHANMUGAPRIYA** (Reg. No: CB21S 205175) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

S. Laxmi

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Viva-Voce Examination held on 27/2/2024

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Examiners:

1. *le Amul*

2. *S. Laxmi*

27/2/24

IDHAYA COLLEGE FOR WOMEN

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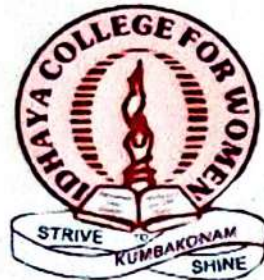
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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**DECIPHERING EMOTIONS: SOCIAL MEDIA SENTIMENT ANALYSIS FOR MOOD CLASSIFICATION**” is a bonafide record of project work done by **S. ABI (Reg. No: CB21S 205165)** and **S. PAVITHIRA (Reg. No:CB21S 205172)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

INTERNAL GUIDE

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1.

2.

Viva-Voce Examination held on **27/2/2024** at Idhaya College for Women, Kumbakonam

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “SECURING TEXTS: DATA ENCRYPTION STANDARD FOR ENHANCED TEXT SECURITY” is a Bonafide record of project work done by N. AKILA (Reg. No: CB21S 205166) and B. SIVARANJANI (Reg. No: CB21S 205176) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of Bachelor of Science in Computer Science during the VI Semester of academic year 2023-2024.


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ASSISTANT PROFESSOR

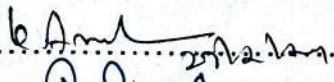
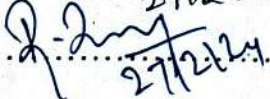
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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**EXPLORING THE LATEST TRENDS IN INDOOR LOCATION-BASED TECHNOLOGIES**” is a Bonafide record of project work done by **K. AARTHI (Reg. No: CB21S 205114)** and **R. ASHA (Reg. No: CB21S 205167)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.


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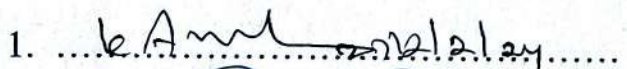

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “MULTIRATING MASTERY: ENHANCING EMPLOYEE PERFORMANCE ASSESSMENT SYSTEMS” is a bonafide record of project work done by V. SUWETHA (Reg. No: CB21S 205177) and N. JANANI (Reg. No: CB21S 205169) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

INTERNAL GUIDE

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M.Sc.,(CS), MCA, M.Phil., M.Ed., M.A(Psy), SET, Ph.D.

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Viva-Voce Examination held on ... 27/2/2024 ...

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Examiners:

1.

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**EDUCATIONAL CONTENT AND EVALUATION ALIGNED WITH E-LEARNING OUTCOMES**” is a bonafide record of project work done by **T.M. NEHA (Reg. No: CB21S 205171)** and **V. PRIYADHARSHINI (Reg. No: CB21S 205173)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**DECIPHERING EMOTIONS: SOCIAL MEDIA SENTIMENT ANALYSIS FOR MOOD CLASSIFICATION**” is a bonafide record of project work done by **S. ABI (Reg. No: CB21S 205165)** and **S. PAVITHIRA (Reg. No:CB21S 205172)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Bachelor of Science in Computer Science** during the **VI Semester** of academic year **2023-2024**.


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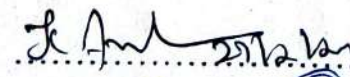

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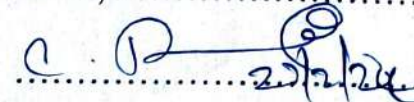
Dr. C. PREMILA ROSY

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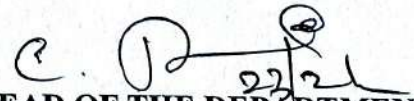
BONAFIDE CERTIFICATE

This is to certify that the project entitled “SECURING TEXTS: DATA ENCRYPTION STANDARD FOR ENHANCED TEXT SECURITY” is a Bonafide record of project work done by N. AKILA (Reg. No: CB21S 205166) and B. SIVARANJANI (Reg. No: CB21S 205176) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of Bachelor of Science in Computer Science during the VI Semester of academic year 2023-2024.



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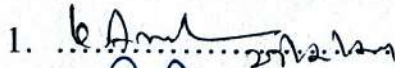

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “MULTIRATING MASTERY: ENHANCING EMPLOYEE PERFORMANCE ASSESSMENT SYSTEMS” is a bonafide record of project work done by V. SUWETHA (Reg. No: CB21S 205177) and N. JANANI (Reg. No: CB21S 205169) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of Bachelor of Science in Computer Science during the VI Semester of academic year 2023-2024.

INTERNAL GUIDE

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “AI-DRIVEN CHATBOT SYSTEM FOR PERSONALIZED E-COMMERCE ASSISTANCE” is a bonafide record of project work done by ABINAYA. A (Reg.No: P22273701) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of Master of Science in Computer Science during the IV Semester of academic year 2023-2024.


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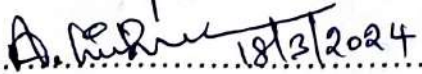
Dr. C. PREMILA ROSY

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Viva-Voce Examination held on18.03.2024.....

Examiners:

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2......18/3/2024

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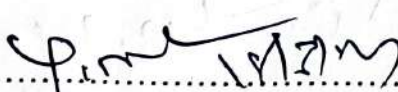
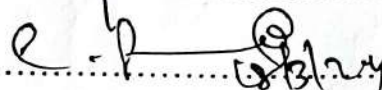
This is to certify that the project entitled “SMART LIGHT: ENVIRONMENT-SENSING STREET LIGHTING SYSTEM” is a bonafide record of project work done by **ABINAYA. A (Reg.No: P22273702)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.


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Viva-Voce Examination held on 18.03.2024....

Examiners:

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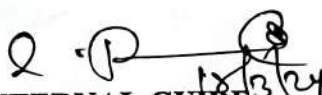
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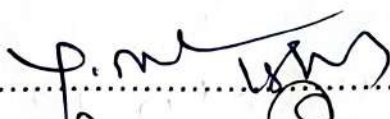
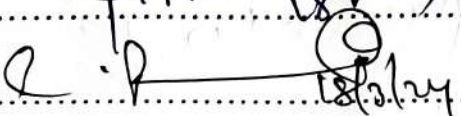
This is to certify that the project entitled “**SECURE ORGAN DONATION USING BLOCKCHAIN TECHNOLOGY**” is a bonafide record of project work done by **ABINAYA.N (Reg.No: P22273703)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.


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Viva-Voce Examination held on16.03.2024.....

Examiners:

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2......

A. Abinaya

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This is to certify that the project entitled “**INDOOR POSITIONING SYSTEM USING MAGNETIC FIELD MAP NAVIGATION AND ESTIMATION**” is a bonafide record of project work done by **ABINAYA. R (Reg.No: P22273704)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

A. Abinaya

**INTERNAL GUIDE
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C. Premila Rosy
18/3/24

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Viva-Voce Examination held on 18-03-2024

Examiners:

1. *[Signature]*
2. *A. Abinaya* 18/3/2024

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**DESIGNING A MOVIE SUCCESS PREDICTION SYSTEM USING PYTHON**” is a bonafide record of project work done by **BHUVANA. K (Reg.No: P22273705)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

INTERNAL GUIDE

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Viva-Voce Examination held on 18.03.2024

Examiners:

1. 18/3/24
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BONAFIDE CERTIFICATE

This is to certify that the project entitled "A SECURED FRAMEWORK FOR LAND REGISTRATION ON THE BLOCKCHAIN" is a bonafide record of project work done by BHUVANESHWARI. R (Reg.No: P22273706) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of Master of Science in Computer Science during the IV Semester of academic year 2023-2024.

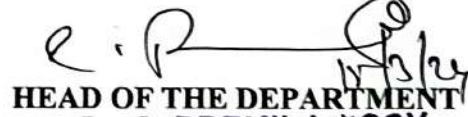

INTERNAL GUIDE

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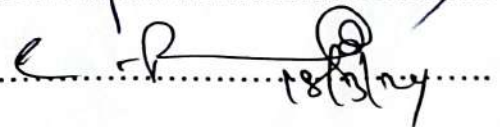
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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**STRESS DETECTION IN IT PROFESSIONALS BY IMAGE PROCESSING AND ARTIFICIAL INTELLIGENCE**” is a bonafide record of project work done by **DURGA. V (Reg.No: P22273707)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

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Examiners:

- 1. *[Signature]*
- 2. *[Signature]*

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**SENTIMENT ANALYSIS IN SOCIAL MEDIA DATA FOR EARLY DEPRESSION DETECTION**” is a bonafide record of project work done by **INDHUMATHI. S (Reg.No: P22273708)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “DEEPFAKE FACE DETECTION USING MACHINE LEARNING” is a bonafide record of project work done by **INDUMATHY. B (Reg.No: P22273709)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

A. hithu
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1. *C. Premila Rosy*.....
2. *A. hithu*.....
18/3/2024

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This is to certify that the project entitled “**BRAIN TUMOR DETECTION AND CLASSIFICATION USING HYBRID GENETIC ALGORITHMS AND ARTIFICIAL NEURAL NETWORKS**” is a bonafide record of project work done by **JANSI RANI. E** (Reg.No: **P22273710**) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.


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BONAFIDE CERTIFICATE

This is to certify that the project entitled “UPI FRAUD DETECTION USING MACHINE LEARNING” is a bonafide record of project work done by **KALAIMAHAL. K** (Reg.No: P22273711) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.


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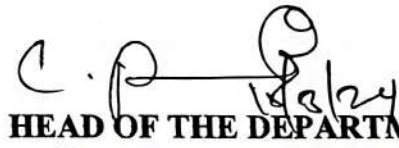
Dr. C. PREMILA ROSY

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Dr. C. PREMILA ROSY

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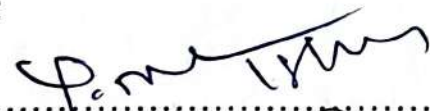
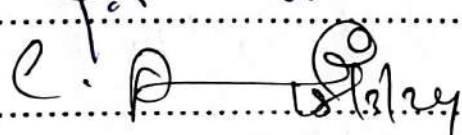
Head of the Department

PG and Research Department of Computer Science.,

Idhaya College for Women, Kumbakonam - 612 001.

Viva-Voce Examination held on 18-03-2024.....

Examiners:

1. 
2. 

IDHAYA COLLEGE FOR WOMEN

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Recognized by 2(f) & 12(B) of UGC Act 1956

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Kumbakonam – 612001.

DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**SECURE AUTHENTICATION MECHANISM FOR DEDUPLICATED CLOUD STORAGE SYSTEMS WITH PASSWORD-PROTECTED ENCRYPTION KEYS**” is a bonafide record of project work done by **KANIMOZHI. R (Reg.No: P22273712)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

A. Nalajayal

INTERNAL GUIDE

ASSISTANT PROFESSOR

PG and Research Department of Computer Science,
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Kumbakonam- 612 001.

e. P. Premila Rosy

HEAD OF THE DEPARTMENT

Dr. C. PREMILA ROSY

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Idhaya College for Women, Kumbakonam-612 001.

Viva-Voce Examination held on 18.03.2024

Examiners:

1. *P. Premila Rosy*
 2. *A. Nalajayal*
- 18/3/24

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**MULTI CROP CONVOLUTIONAL NEURAL NETWORKS FOR FAST LUNG NODULE SEGMENTATION**” is a bonafide record of project work done by **KAVITHA.M (Reg.No: P22273713)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

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ASSISTANT PROFESSOR**

PG and Research Department of Computer Science,
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HEAD OF THE DEPARTMENT

Dr. C. PREMILA ROSE

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Head of the Department

PG and Research Department of C.S.

Idhaya College for Women, Kumbakonam-612 001.

Viva-Voce Examination held on 18.03.2024.....

Examiners:

1.
2.

IDHAYA COLLEGE FOR WOMEN

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “ENHANCING COMPUTER-AIDED TEACHING THROUGH AUTOMATIC ANIMATION AND VISUALIZATIONS” is a bonafide record of project work done by **KIRUBASREE. V (Reg.No: P22273714)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.


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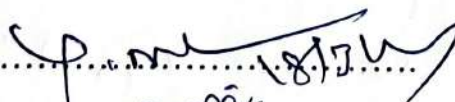

ASSISTANT PROFESSOR
PG and Research Department of Computer Science,
Idhaya College for Women
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HEAD OF THE DEPARTMENT

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Viva-Voce Examination held on 18.03.2024

Examiners:

1. 
2. 

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**INTEGRATING E-LEARNING OUTCOMES INTO TEACHING CONTENT AND ASSESSMENTS**” is a bonafide record of project work done by **LAKSHMI KEERTHIKA. H (Reg.No: P22273715)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

A. K. R.

INTERNAL GUIDE

ASSISTANT PROFESSOR

PG and Research Department of Computer Science,
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C. Premila Rosy

HEAD OF THE DEPARTMENT

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Head of the Department**

PG and Research Department of Computer Science.,
Idhaya College for Women, Kumbakonam-612 001.

Viva-Voce Examination held on 18.03.2024.....

Examiners:

1. *[Signature]*.....

2. *A. K. R.* 18.3.2024.....

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “INTELLIGENT TRAFFIC SYSTEM FOR URBAN CONDITIONS USING REAL-TIME VEHICLE TRACKING” is a bonafide record of project work done by **MONIKA. S (Reg.No: P22273716)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.


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Head of the Department
PG and Research Department of Computer Science.,
Idhaya College for Women, Kumbakonam-612 001.

Viva-Voce Examination held on ...16.03.2024.....

Examiners:

1. 

2. 

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**POWERTRACK: IOT-BASED ENERGY METER MONITORING**” is a bonafide record of project work done by **NARMADHA. K (Reg.No: P22273717)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.



INTERNAL GUIDE

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Idhaya College for Women, Kumbakonam



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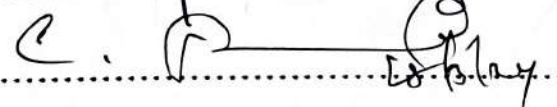
Dr. C. PREMILA ROSY

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PG and Research Department of Computer Science
Idhaya College for Women, Kumbakonam-612001.

Viva-Voce Examination held on 18-03-2024

Examiners:

1. 
2. 

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**ENHANCING ONLINE SHOPPING EXPERIENCE WITH AN AI-DRIVEN ECOMMERCE CHATBOT**” is a bonafide record of project work done by **PREETHI. M (Reg.No: P22273718)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.


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Head of the Department
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Idhaya College for Women, Kumbakonam-612 001.

Viva-Voce Examination held on 18.03.2024.....

Examiners:

1. 

2. 

IDHAYA COLLEGE FOR WOMEN

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “**ENHANCING INVESTMENT STRATEGIES USING DEEP NEURAL NETWORKS**” is a bonafide record of project work done by **PRIYANGA. S (Reg.No: P22273719)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

A. Nalini

INTERNAL GUIDE

ASSISTANT PROFESSOR

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Dr. C. Premila Rosy

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Head of the Department

PG and Research Department of Computer Science..

Idhaya College for Women. Kumbakonam-612 001

Viva-Voce Examination held on18:03:2024...

Examiners:

1. *P. N. Srinivas*

2. *A. Nalini*

18/3/24

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**EMPLOYEE LAYOFF PREDICTION USING RECURRENT NEURAL NETWORK**” is a bonafide record of project work done by **RAGAVI R (Reg.No: P22273720)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

[Signature]
INTERNAL GUIDE
Dr. C. PREMILA ROSY
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Head of the Department
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[Signature]
HEAD OF THE DEPARTMENT
Dr. C. PREMILA ROSY
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Head of the Department
PG and Research Department of Computer Science.,
Idhaya College for Women, Kumbakonam-612001.

Viva-Voce Examination held on ...**18.03.2024**....

Examiners:

- 1. *[Signature]*
- 2. *[Signature]*

IDHAYA COLLEGE FOR WOMEN

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “DNA-BASED SELECTIVE IMAGE ENCRYPTION USING CHAOTIC VISUAL ENCRYPTION” is a bonafide record of project work done by **REENA MARY, M (Reg.No: P22273721)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.


INTERNAL GUIDE
Dr. C. PREMILA ROSY
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Head of the Department
PG and Research Department of Computer Science.,
Idhaya College for Women, Kumbakonam-612 001.

Viva-Voce Examination held on 18.03.2024

Examiners:

1. .....

2. .....

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “A NEURAL BASED APPROACH FOR DETECTING THE SITUATIONAL INFORMATION FROM TWITTER DURING DISASTER” is a bonafide record of project work done by **RENUKA DEVI, M** (Reg.No: P22273722) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

INTERNAL GUIDE

ASSISTANT PROFESSOR

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Kumbakonam- 612 001

HEAD OF THE DEPARTMENT

Dr. C. PREMILA ROSY

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Head of the Department

PG and Research Department of Computer Science,
Idhaya College for Women, Kumbakonam-612 001.

Viva-Voce Examination held on 18.03.2024

Examiners:

1. 18/3/24
2. 18/3/2024

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**SECURE AND TRANSPARENT ASSESSMENT MANAGEMENT USING BLOCKCHAIN**” is a bonafide record of project work done by **SAMPRITHA. R (Reg.No: P22273723)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

[Signature]
INTERNAL GUIDE

Dr. C. PREMILA ROSY
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Head of the Department
PG and Research Department of Computer Science
Idhaya College for Women, Kumbakonam

[Signature]
HEAD OF THE DEPARTMENT

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Head of the Department
PG and Research Department of Computer Science,
Idhaya College for Women, Kumbakonam-612001.

Viva-Voce Examination held on 18.03.2024

Examiners:

- 1. *[Signature]*
- 2. *[Signature]*

A. N. N. N.

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “PATIENT ELECTRONIC HEALTH RECORDS USING BLOCK CHAIN SECURITY FRAMEWORK” is a bonafide record of project work done by SARANYA. S (Reg.No: P22273724) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

A. N. N.

INTERNAL GUIDE

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Kumbakonam- 612 001.

C. Premila Rosy

HEAD OF THE DEPARTMENT

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Head of the Department**

PG and Research Department of Computer Science,
Idhaya College for Women, Kumbakonam-612 001,

Viva-Voce Examination held on 18.03.2024

Examiners:

1. *P. N. N.*
 2. *A. N. N.*
- 18/3/24

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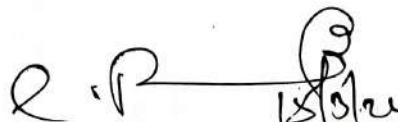
DEPARTMENT OF COMPUTER SCIENCE



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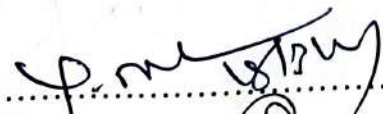

This is to certify that the project entitled “A STUDY ON NOVEL HYBRID SYSTEMS FOR TEXTUAL-GRAPHICAL AUTHENTICATION” is a bonafide record of project work done by SHIFA YASMIN, S (Reg.No: P22273725) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of Master of Science in Computer Science during the IV Semester of academic year 2023-2024.


INTERNAL CHECKER
Dr. C. PREMILA ROSY
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Head of the Department
PG and Research Department of Computer Science.,
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PG and Research Department of Computer Science.,
Idhaya College for Women, Kumbakonam-612001.

Viva-Voce Examination held on 18.03.2024.....

Examiners:

1. 
2. 

class

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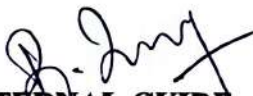
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BONAFIDE CERTIFICATE

This is to certify that the project entitled “OPTIMIZED DISTRIBUTION CENTER PLACEMENT USING ENHANCED BALD EAGLE ALGORITHMS” is a bonafide record of project work done by **SIVAPRIYA. R (Reg.No: P22273727)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.


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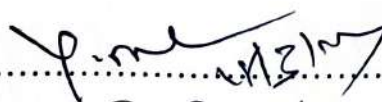

ASSISTANT PROFESSOR
PG and Research Department of Computer Science
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Viva-Voce Examination held on ...18.03.2024.....

Examiners:

1. 
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BONAFIDE CERTIFICATE

This is to certify that the project entitled “ENHANCING MARKET PREDICTION ACCURACY THROUGH COLLABORATIVE FILTERING TECHNIQUES” is a bonafide record of project work done by SNEHA, S (Reg.No: P22273728) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of Master of Science in Computer Science during the IV Semester of academic year 2023-2024.


INTERNAL GUIDE

ASSISTANT PROFESSOR
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Viva-Voce Examination held on18.03.2024.....

Examiners:

1......
2......

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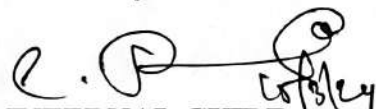
Kumbakonam – 612001.

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BONAFIDE CERTIFICATE

This is to certify that the project entitled “ANALYZING THE IMPACT OF CRM ON DIGITAL MARKETING COMMUNICATION EFFECTIVENESS” is a bonafide record of project work done by SURYA, W (Reg.No: P22273730) submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.


INTERNAL GUIDE

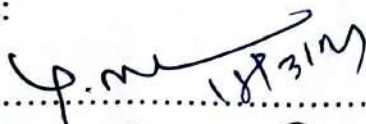

Dr. C. PREMILA ROSY
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Viva-Voce Examination held on18-03-2024.....

Examiners:

1......
2......

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Recognized by 2(f) & 12(B) of UGC Act 1956

An ISO 9001:2015 Certified Institution

Kumbakonam – 612001.

DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**STUDENT ENGAGEMENT PREDICTION IN ONLINE CLASSES USING IMAGE PROCESSING**” is a bonafide record of project work done by **SUWETHA. S (Reg.No: P22273731)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

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Viva-Voce Examination held on 18.03.2024.....

Examiners:

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- 2. *[Signature]* 18/3/24

HOD Premila

IDHAYA COLLEGE FOR WOMEN

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DEPARTMENT OF COMPUTER SCIENCE



BONAFIDE CERTIFICATE

This is to certify that the project entitled “**INNOVATIVE CLUSTER-BASED STRATEGIES FOR EMPOWERING WOMEN'S SELF-HELP GROUPS**” is a bonafide record of project work done by **THAIYALNAYAGI. N (Reg.No: P22273732)** submitted to Bharathidasan University, Tiruchirappalli in partial fulfillment of the requirements for the award of degree of **Master of Science in Computer Science** during the **IV Semester** of academic year **2023-2024**.

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