



# BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

Deviyakurichi- 636 112, Thalaivasal-TK, Salem.

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year - 13

S.NO	DEPARTMENT	COURSE CODE	COURSE NAME
1	CIVIL	CE8513	SURVEY CAMP
2	CIVIL	CE8711	CREATIVE AND INNOVATIVE PROJECT
3	CIVIL	CE8712	INDUSTRIAL TRAINING
4	CIVIL	CE8811	PROJECT WORK
5	CSE	CS8611	MINI PROJECT
6	CSE	CS8811	PROJECT WORK
7	EEE	EE8611	MINI PROJECT
8	EEE	EE8811	PROJECT WORK
9	ECE	EC8811	PROJECT WORK
10	ME-CSE	CP4311	PROJECT WORK-I
11	ME-CSE	CP4411	PROJECT WORK-II
12	ME-CS	CU4311	PROJECT WORK-I
13	ME-CS	CU4411	PROJECT WORK-II

  
PRINCIPAL

**ARTIFICIAL INTELLIGENCE VISION-BASED  
SOCIALDISTANCING DETECTION**

**A PROJECT REPORT**

*Submitted by*

**SANTHIYA S (620320104064)  
VISHNUPRIYA S (620320104083)  
PREETHI G (620320104302)  
RUBADHARSINI S (620320104701)**

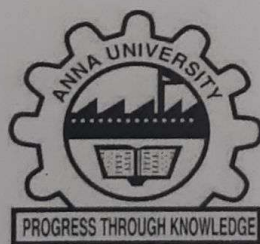
*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN  
DEVIYAKURICHI**

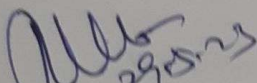
**ANNA UNIVERSITY :: CHENNAI 600 025**

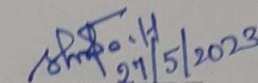
**MAY 2023**

**ANNA UNIVERSITY : CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certificate that this project report "ARTIFICIAL INTELLIGENCE VISION-BASED SOCIAL DISTANCING DETECTION" is the bonafide work of "SANTHIYA S (620320104064), VISHNUPRIYA S (620320104083), PREETHI G (620320104302), RUBADHARSINI S (620320104701)" who carried out the project work under my supervision.

  
SIGNATURE

  
SIGNATURE

Dr.P. MADHUBALA, M.E, Ph.D.,

Mrs. H. SHEELA, M.E.,

Head of Department

Supervisor

ASSOCIATE PROFESSOR

ASSISTANT PROFESSOR

Computer science and  
Engineering

Computer Science and  
Engineering

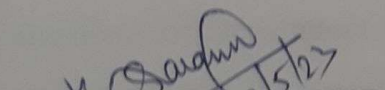
Bharathiyar Institute of  
Engineering for Women

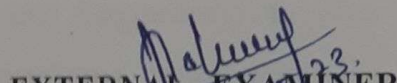
Bharathiyar Institute of  
Engineering for women

Deviyakurichi-636112

Devissssyakurichi-636112

Submitted for the university examination held on..29/05/23.....

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# COLLEGE MANAGEMENT SYSTEM

## A MINI PROJECT REPORT

*Submitted by*

SARUBALA K (620320104067)

SNEHA R (620320104069)

SOUNDARIYA C (620320104071)

VALLARASI P (620320104079)

*In partial fulfillment for the award of the degree*

*of*

BACHELOR OF ENGINEERING

*in*

COMPUTERSCIENCE AND ENGINEERING

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

DEVIYAKURICHI.



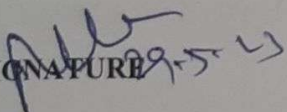
ANNAUNIVERSITY:: CHENNAI 600 025

MAY2023

**ANNAUNIVERSITY:CHENNAI 600 025**

**BONAFIDECERTIFICATE**

Certificate that this project report “ COLLEGE MANAGEMENT SYSTEM” is the bonafide work of SARUBALA K(620320104067), SNEHA R(620320104069),SOUNDARIYA C(620320104071),VALLARASI P (620320104079) who carried out the project work under my supervision.

  
SIGNATURE

Mrs.P.MADHUBALA,M.E.,Ph.D.,

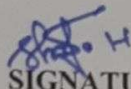
HEADOFTHEDEPARTMENT

ASSOCIATEPROFESSOR

Computer Science and Engineering

Bharathiyar Institute Of Engineering

For Women, Deviyakurichi-636112

  
SIGNATURE

Mrs.V.RAGAVI,M.E.,

SUPERVISOR

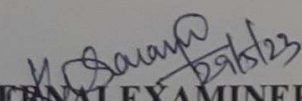
ASSISTANTPROFESSOR

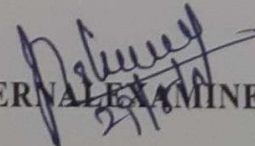
Computer Science and Engineering,

Bharathiyar Institute Of Engineering

For Women,Deviyakurichi-636112

Submitted for the university examination held on 29.5.2023..

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# FACE VISITOR REGISTRATION SYSTEM

## A MINI PROJECT REPORT

*Submitted by*

SNEKA.C (620320104070)

SRINISHA.P (620320104074)

VANISHRIS (620320104080)

YOGARANI.T (620320104084)

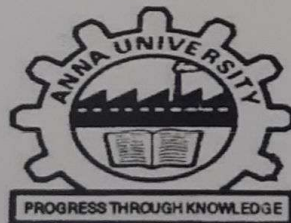
*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENC AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

**DEVIYAKURICHI , SALEM-636112**

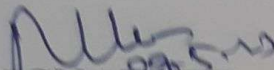
**ANNA UNIVERSITY :: CHENNAI 600 025**

**MAY 2023**

ANNA UNIVERSITY :: CHENNAI 600 025

BONAFIDE CERTIFICATE

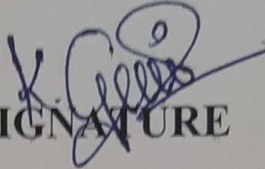
Certified that this project report "FACE VISITOR REGISTRATION SYSTEM" is the bonafide work of "SNEKA.C , SRINISHA.P, VANISHRIS , YOGARANI .T" who carried out the project work under my supervision.

  
SIGNATURE

Dr. P. MADHUBALA , M.E., PH.D.,  
HEAD OF THE DEPARTMENT

Associate Professor

Department of Computer  
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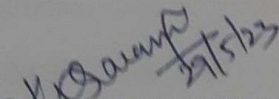
  
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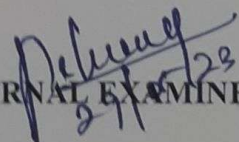
Mrs. K.GOWRI , M.E.,  
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Deviyakurichi-636112.

Submitted for the University Viva Voce Examination held on 29.05.2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# **BLOOD BANK MANAGEMENT SYSTEM**

**A MINI PROJECT REPORT**

*Submitted by*

**SUJITHA.A** (620320104077)

**VIDHYA.V** (620320104081)

**SUGANYA.K** (620320104305)

**CHITHRA.P** (620320104306)

*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN,  
DEVIYAKURICHI**

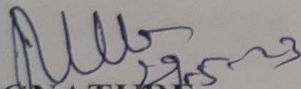
**ANNA UNIVERSITY: CHENNAI 600 025**

**MAY 2023**



## BONAFIDE CERTIFICATE

Certificate that this project report "BLOOD BANK MANAGEMENT SYSTEM" is the bonafide work of "VIDHYA V (620320104081), SUGANYA K (620320104305), CHITHRA P (620320104306), SUJITHA A (620320104077)" who carried out the project work under my supervision.

  
SIGNATURE

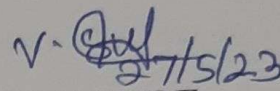
**Dr. P. MADHUBALA, M.E, Ph.D.,**  
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Deviyakurichi-636112

Submitted for the university examination held on...~~09.05.2023~~...

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# ONLINE SHOPPING

## MINI PROJECT REPORT

*Submitted by*

ALMASBANU M (620320104006)  
HEMAPRIYA P (620320104026)  
JANSIREVATHI M (620320104029)  
KARTHIKA A (620320104035)  
MANIMEGALAI M (620320104039)

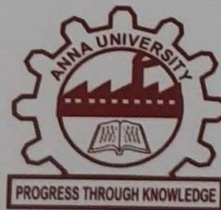
*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

**DEVIYAKURICHI**

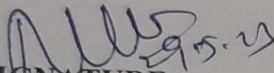
**ANNA UNIVERSITY:CHENNAI 600025**

**MAY 2023**

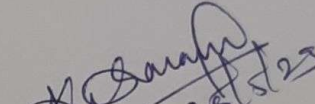
ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certificate that is project titled" ONLINE SHOPPING" the bonafide work of ALMASBANU M (620320104006), HEMAPRIYA P (620320104026), JANSIREVATHI M (620320104029), KARTHIKA A (620320104035), MANIMEGALAI M (620320104039) who carried out the project work under my supervision.

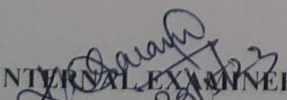
  
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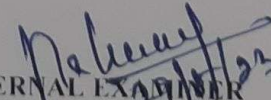
Dr.P.MADHUBALA, M.E, Ph.D.,  
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Deviyakurichi-636112.

Submitted for the project Via Voice Examination held on 29.05.2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**VOICE BASED SENTIMENT ANALYSIS USING  
PYTHON**

**MINI PROJECT REPORT**

*Submitted by*

**SOWMIYA.M (620320104072)**

**SOWMIYA.S (620320104073)**

**VINOTHA.M (620320104082)**

**SINDHUJA.S (620320104304)**

*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN,  
DEVIYAKURICHI**

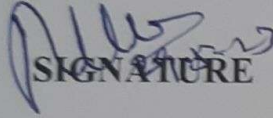
**ANNA UNIVERSITY :: CHENNAI 600 025**

**MAY 2023**

**ANNA UNIVERSITY : CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certificate that this project report “VOICE BASED SENTIMENT ANALYSIS USING PYTHON” is the bonafide work of “SOWMIYA M (620320104072), SOWMIYA S (620320104073), VINOETHA M (620320104082), SINDHUJA S (620320104304)”, who carried out the project work under my supervision.

  
SIGNATURE

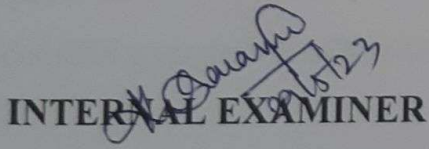
**Dr.P.MADHUBALA,M.E,Ph.D.,**  
**HEAD OF THE DEPARTMENT**  
**Associate Professor**  
Department of Computer Science  
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Bharathiyar Institute of Engineering  
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Deviyakurichi-636 112.



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**Mrs.S.VISHNUPRIYA,M.E.,**  
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**Assistant Professor**  
Department of Computer Science  
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Deviyakurichi-636 112.

Submitted for the project Via Voice Examination held on. 29/05/2023.

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# ONLINE NEWS PORTAL

## MINI PROJECT REPORT

*Submitted by*

ABIRAMI N (620320104001)

ASHIKASHERIN A (620320104010)

DHANALAKSHMI S (620320104015)

GAYATHRI K (620320104021)

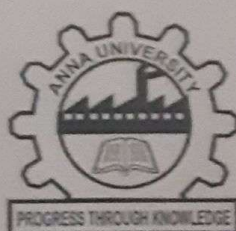
*in partial fulfillment for the award of the degree*

*of*

BACHELOR OF ENGINEERING

*in*

COMPUTER SCIENCE AND ENGINEERING



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

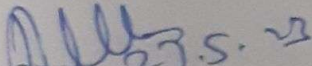
DEVIYAKURICHI

ANNA UNIVERSITY:: CHENNAI 600025

MAY 2023

## BONAFIDE CERTIFICATE

Certificate that is project titled " ONLINE NEWS PORTAL " the bonafide work of ABIRAMI N(620320104001), ASHIKASHERIN A (620319104010), DHANALAKSHMI S(620320104015), GAYATHRI K (620319104021) who carried out the project work under my supervision.

  
SIGNATURE

Dr. P. MADHUBALA, M.E, Ph.D.,

HEAD OF THE DEPARTMENT

ASSOCIATE PROFESSOR

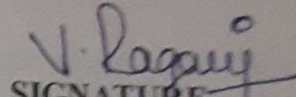
Department of Computer Science

Engineering,

Bharathiyar Institute of Engineering

For Women,

Deviyakurichi- 636112.

  
SIGNATURE

Mrs. V. RAGAVI, M.E.,

SUPERVISOR

ASSISTANT PROFESSOR

Department of Computer Science

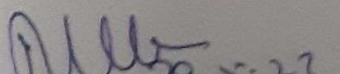
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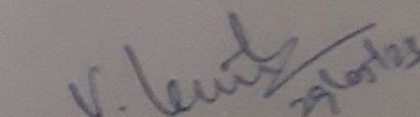
Bharathiyar Institute of Engineering

For Women,

Deviyakurichi- 636112.

Submitted for the project Via Voice Examination held on 29.05.2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**SIGNATURE VERIFICATION SYSTEM**  
**A MINI PROJECT REPORT**

*Submitted by*

T.NIVASHINI	(620320104049)
A.PAVITHRA	(620320104050)
C.PAVITHRA	(620320104051)
S.PRIYADHARSHINI	(620320104056)

*in partial fulfillment for the award of the degree  
of*

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**  
**DEVIYAKURICHI, SALEM -636112**

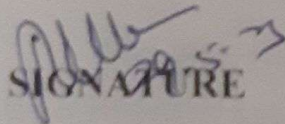
**ANNA UNIVERSITY :: CHENNAI 600 025**

**MAY 2023**



## BONAFIDE CERTIFICATE

Certified that this project report "SIGNATURE VERIFICATION SYSTEM" is the bonafide work of T.NIVASHINI(620320104049), A.PAVITHRA (620320104050) ,C.PAVITHRA (620320104051), S.PRIYADHARSHINI (620320104056) , who carried out the project work under our supervision .

  
SIGNATURE

Dr.P.MADHUBALA,M.E.Ph.D.,

HEAD OF DEPARTMENT

Associate Professor

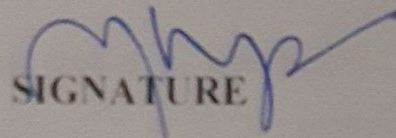
Department of Computer

Science And Engineering

Bharathiyar Institute of

Engineering for Women

Deviyakurichi-636112

  
SIGNATURE

Mr.M.KARTHIKEYAN,M.E.,

SUPERVISOR

Assistant Professor

Department of Computer

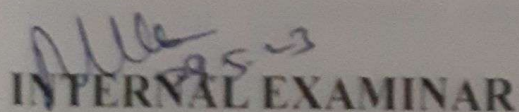
Science And Engineering

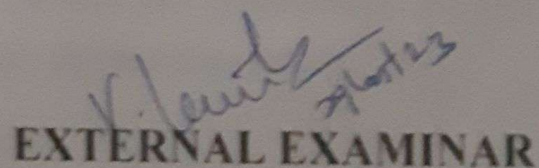
Bharathiyar Institute of

Engineering for Women

Deviyakurichi -636112

Submitted for the University Viva Voce Examination held on 29.05.2023

  
INTERNAL EXAMINAR

  
EXTERNAL EXAMINAR

# SECURE USER DATA IN CLOUD USING ELLIPTIC CURVE CRYPTOGRAPHY ALGORITHM

MINI PROJECT REPORT

*Submitted by*

R.ANUSA (620320104008)

V.DURGADEVI (620320104018)

M.EZHILARASI (620320104019)

C.GAYATHIRI (620320104020)

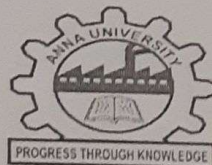
*in partial fulfillment for the award of the degree*

*of*

BACHELOR OF ENGINEERING

*in*

COMPUTER SCIENCE AND ENGINEERING



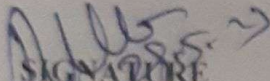
BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN  
DEVIYAKURICHI

ANNA UNIVERSITY :: CHENNAI 600 025

MAY 2023

## BONAFIDE CERTIFICATE

Certified that is project titled "SECURE USER DATA IN CLOUD USING ELLIPTIC CURVE CRYPTOGRAPHY ALGORITHM" the bonafide work of "ANUSA R(620320104008), DURGADEVI V(620320104018), EZHILARASI M (620320104019), GAYATHIRI C(620320104020)" who carried out the project work under my supervision.



SIGNATURE

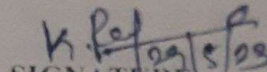
Dr. P. MADHUBALA, M.E, Ph.D.,  
HEAD OF THE DEPARTMENT

Associate Professor

Department of Computer Science  
Engineering,

Bharathiyar Institute of Engineering  
For Women,

Deviyakurichi-636112.



SIGNATURE

Mrs. K.RAMYA, M.E.,  
SUPERVISOR

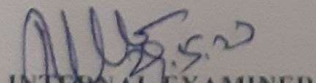
Assistant Professor

Department of Computer Science  
Engineering,

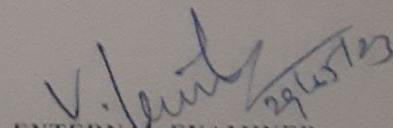
Bharathiyar Institute of Engineering  
For Women,

Deviyakurichi-636112.

Submitted for the project Via Voice Examination held on 29/05/23.



INTERNAL EXAMINER



EXTERNAL EXAMINER

**OBJECT DETECTION AND TRACKING SYSTEM USING  
PYTHON**

**MINI PROJECT REPORT**

*Submitted by*

**POOJA.P (620320104053)**

**PRIYANKA.R (620320104057)**

**PUNITHA.M (620320104058)**

**RANJINI.N (620320104061)**

*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

**in**

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN,**

**DEVIYAKURICHI**

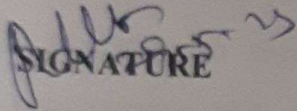
**ANNA UNIVERSITY:: CHENNAI 600 025**

**MAY 2023**

**ANNA UNIVERSITY: CHENNAI 600 025**

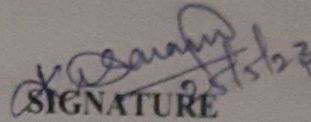
**BONAFIDE CERTIFICATE**

Certificate that this project report "OBJECT DETECTION AND TRACKING SYSTEM USING PYTHON" is the bonafide work of "POOJA P (620320104053), PRIYANKA R (620320104057), PUNITHA M (620320104058), RANJINI N (620320104061)", who carried out the project work under my supervision.

  
SIGNATURE

**Dr.P.MADHUBALA,M.E,Ph.D.,**  
**HEAD OF THE DEPARTMENT**  
**Associate Professor**

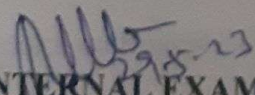
Department of Computer Science  
Engineering,  
Bharathiyar Institute of Engineering  
for Women,  
Deviyakurichi-636112.

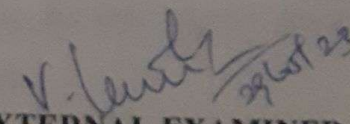
  
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**Mrs.K.SARANYA.M.E.(Ph.D),**  
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Deviyakurichi-636112.

Submitted for the project Via Voice Examination held on...29.05.2023.

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**SIGNATURE VERIFICATION SYSTEM**  
**A MINI PROJECT REPORT**

*Submitted by*

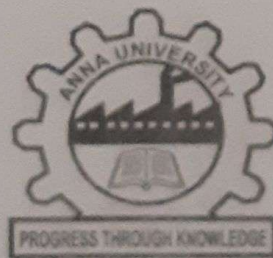
T.NIVASHINI	(620320104049)
A.PAVITHRA	(620320104050)
C.PAVITHRA	(620320104051)
S.PRIYADHARSHINI	(620320104056)

*in partial fulfillment for the award of the degree  
of*

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**



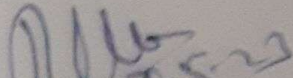
**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**  
**DEVIYAKURICHI, SALEM -636112**

**ANNA UNIVERSITY :: CHENNAI 600 025**

**MAY 2023**

## BONAFIDE CERTIFICATE

Certified that this project report "SIGNATURE VERIFICATION SYSTEM" is the bonafide work of T.NIVASHINI(620320104049), A.PAVITHRA (620320104050) ,C.PAVITHRA (620320104051), S.PRIYADHARSHINI (620320104056) , who carried out the project work under our supervision .

  
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Dr.P.MADHUBALA,M.E.,Ph.D.,

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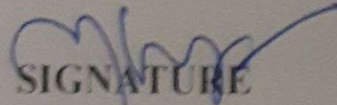
Department of Computer

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Bharathiyar Institute of

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Deviyakurichi-636112

  
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Mr.M.KARTHIKEYAN,M.E.,

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Assistant Professor

Department of Computer

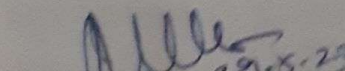
Science And Engineering

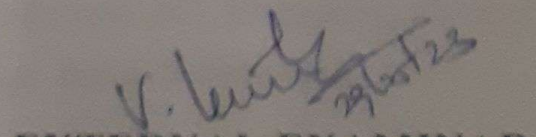
Bharathiyar Institute of

Engineering for Women

Deviyakurichi -636112

Submitted for the University Viva Voce Examination held on.29.05.2023

  
INTERNAL EXAMINAR

  
EXTERNAL EXAMINAR

# ATM MANAGEMENT SYSTEM

A MINI PROJECT REPORT

*Submitted by*

NATHIYA S (620320104045)

NAVEENA P (620320104046)

NITHYAPRIYA J (620320104048)

PRABAVATHI P (620320104054)

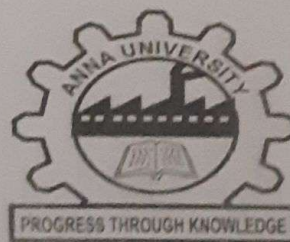
*In partial fulfillment for the award of the degree*

*Of*

BACHELOR OF ENGINEERING

*in*

COMPUTER SCIENCE AND ENGINEERING



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

DEVIYAKURICHI

ANNA UNIVERSITY::CHENNAI 600025

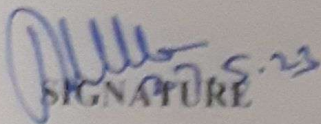
MAY 2023

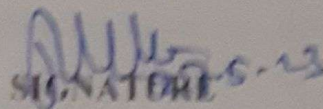


ANNA UNIVERSITY : CHENNAI 600025

BONAFIDE CERTIFICATE

Certificate that this project titled "ATM MANAGEMENT SYSTEM" is the bonafide work of NATHIYA S (620320104045), NAVEENA P (620320104046), NITHYAPRIYA J (620320104048), PRABAVATHI P (620320104054) who carried out of the project work under my Supervision.

  
SIGNATURE

  
SIGNATURE

Mrs.P MADHUBALA,M.E, Ph.D.,

Mrs. P. MADHUBALA, M.E, Ph.D.,

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SUPERVISOR

Associate Professor

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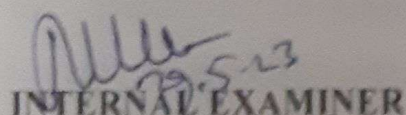
for Women

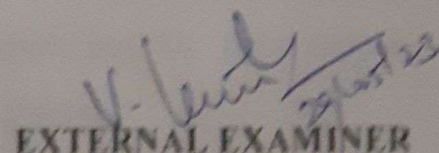
for Women

Deviyakurichi-636112.

Deviyakurichi-636112

Submitted for the project Via Voice Examination held on 29.5.23

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**RESPONSIVE RESTAURANT WEBSITE**  
**MINI PROJECT REPORT**

*Submitted by*

**PREETHIKA A.R** (620320104055)  
**RAGAVI R** (620320104059)  
**REHANA PARVEEN S** (620320104062)  
**SUCHITRA C** (620320104075)

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*of*

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*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN,  
DEVIYAKURICHI**

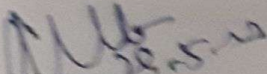
**ANNA UNIVERSITY :: CHENNAI 600 025**

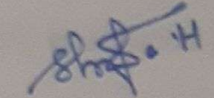
**MAY 2023**

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certificate that this project report "RESPONSIVE RESTAURANT WEBSITE" is the bonafide work of "PREETHIKA A.R (620320104055), RAGAVI R (620320104059), REHANA PARVEEN S (620320104062), SUCHITRA C (620320104075)" who carried out the project work under my supervision.

  
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Head of the department

Supervisor

Associate Professor

Assistant Professor

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Engineering

Bharathiyar Institue of

Bharathiyar Institute of

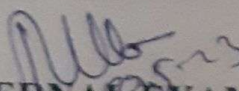
Engineering for women

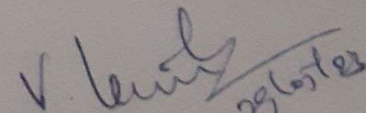
Engineering for women

Deviyakurichi - 636112

Deviyakurichi - 636112

Submitted for the university examination held on...29/05/2023.....

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# RESTAURANT BILL MANAGEMENT SYSTEM

## MINI PROJECT REPORT

*Submitted by*

A.M ABITHA (620320104002)

A.ANNAKILI (620320104007)

S.ATCHAYA (620320104012)

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COMPUTER SCIENCE AND ENGINEERING



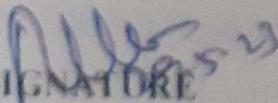
BHARATHIYAR INSTITUTE OF ENGINEERING FOR  
WOMEN, DEVIYAKURICHI

ANNA UNIVERSITY:: CHENNAI 600 025

MAY 2023

## BONAFIDE CERTIFICATE

Certificate that this project report "RESTAURANT BILL MANAGEMENT SYSTEM" is the bonafide work of "A.M ABITHA (620320104002), A.ANNAKILI (620320104007), S.ATCHAYA (620320104012), R.KALAIYARASI (620320104033)" who carried out the project work under my supervision.

  
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Dr.P. MADHUBALA, M.E, Ph.D.,

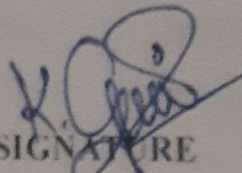
Head of Department

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SIGNATURE

Mrs. K. GOWRI,M.E.,

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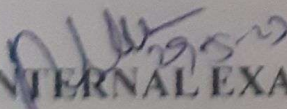
Assistant Professor

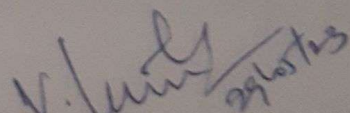
Computer Science and  
Engineering

Bharathiyar Institute of  
Engineering for women

Deviyakurichi-636112

Submitted for the university examination held on 29.05.2023.

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# MEDICINE REMINDER APP

## A MINI PROJECT REPORT

*Submitted by*

G KANIMOZHI (620320104034)

S KARTHIKA (620320104036)

V KAVYA (620320104038)

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**COMPUTER SCIENCE AND ENGINEERING**



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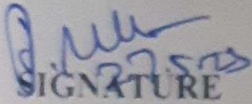
**ANNA UNIVERSITY: CHENNAI 600025**

**MAY 2023**

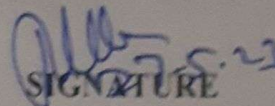
ANNA UNIVERSITY: CHENNAI 600025

BONAFIDE CERTIFICATE

Certified that this project titled "MEDICINE REMINDER APP" the bonafide work of G.KANIMOZHI(620320104034), S.KARTHIKA (620320104036), V.KAVYA(620320104038), M.MEENA (620320104040) who carried out the project work under my supervision.

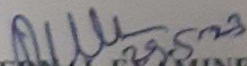
  
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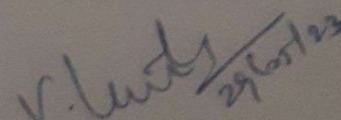
Dr. P. MADHUBALA, M.E, Ph.D.,  
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Deviyakurichi-636112.

Submitted for the project Viva Voice Examination held on 29.05.2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# FAKE NEWS DETECTION

## MINI PROJECT REPORT

*Submitted by*

RAHINI V (620320104060)

SANDHIYA VM (620320104065)

SNEHA P (620320104068)

SUGASHINI A (620320104076)

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COMPUTER SCIENCE AND ENGINEERING



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

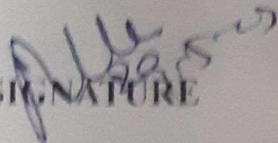
ANNA UNIVERSITY: CHENNAI 600025

MAY 2023



## BONAFIDE CERTIFICATE

Certified that this project titled "FAKE NEWS DETECTION" the bonafide work of V.RAHINI (620320104060), VM.SANTHIYA (620320104065), P.SNEHA (620320104068), A.SUGASHINI (620320104076) who carried out the project work under my supervision..

  
SIGNATURE

Dr.P.MADHUBALA, M.E., Ph.D.,

HEAD OF THE DEPARTMENT

ASSOCIATE PROFESSOR

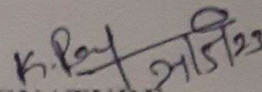
Department of Computer Science

Engineering,

Bharathiyar Institute of Engineering

For Women,

Deviyakurichi-636112.

  
SIGNATURE

Mrs.K.RAMYA, M.E.

SUPERVISOR

ASSISTANT PROFESSOR

Department of Computer Science

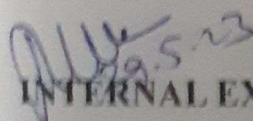
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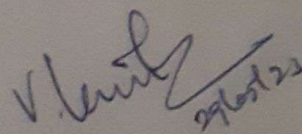
Bharathiyar Institute of Engineering

For Women,

Deviyakurichi-636112.

Submitted for the project Via Voice Examination held on 29.05.2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# E-LEARNING PLATFORM

## MINI PROJECT REPORT

*Submitted by*

ALAMELU M (620320104005)

DEVISRI S (620320104014)

DHIVYADHARSHINI R (620320104017)

MONISHA S (620320104041)

*in partial fulfillment for the award of the degree*

*of*

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*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

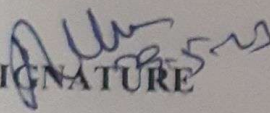
**DEVIYAKURICHI**

**ANNA UNIVERSITY:: CHENNAI 600025**

**MAY 2023**

## BONAFIDE CERTIFICATE

Certificate that is project titled" E-LEARNING PLATFORM" the bonafide work of DHIVYADHARSHINI R (6220320104017), MONISHA S (620320104041), ALAMELU M (620320104005), DEVISRI S (620320104014) who carried out the project work under my supervision.

  
SIGNATURE

Dr. P. MADHUBALA, M.E, Ph.D.,

HEAD OF THE DEPARTMENT

ASSOCIATE PROFESSOR

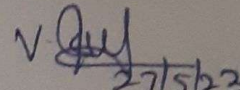
Department of Computer Science

Engineering,

Bharathiyar Institute of Engineering

For Women,

Deviyakurichi- 636112.

  
SIGNATURE

Mrs. V.SUDHA, M.E.,

SUPERVISOR

ASSISTANT PROFESSOR

Department of Computer Science

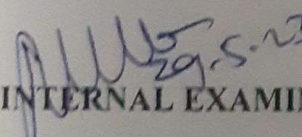
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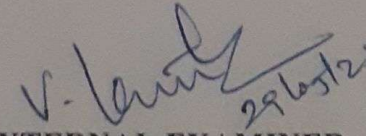
Bharathiyar Institute of Engineering

For Women,

Deviyakurichi- 636112.

Submitted for the project Via Voice Examination held on. 29.05.2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**SECURE SHARING INFORMATION USING IMAGE  
WITH STEGANOGRAPHY**

**MINI PROJECT REPORT**

*Submitted by*

**HEENA.S (620320104025)**

**JAYABHARTHIS (620320104031)**

**KAVICHUDAR.T (620320104037)**

**NANDHINI.G (620320104044)**

*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN,  
DEVYAKURICHI**

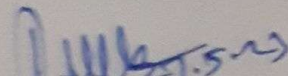
**ANNA UNIVERSITY :: CHENNAI 600 025**

**MAY 2023**

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certificate that this project report "SECURE SHARING INFORMATION USING IMAGE WITH STEGANOGRAPHY" is the bonafide work of "HEENA S (620320104025), JAYABHARTHI S (620320104031), KAVICHUDAR T (620320104037), NANDHINI G (620320104044)" who carried out the project work under my supervision.

  
SIGNATURE

Dr.P. MADHUBALA, M.E, Ph.D.,

Head of Department

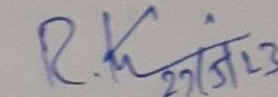
Associate Professor

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Engineering,

Bharathiyar Institute of

Engineering for Women,

Deviyakurichi-636112.

  
SIGNATURE

Mrs. R. KANIMOZHI, M.E.,

Supervisor

Assistant Professor

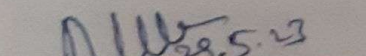
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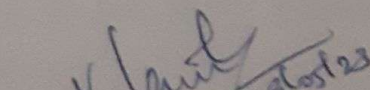
Bharathiyar Institute of

Engineering for Women,

Deviyakurichi-636112.

Submitted for the university examination held on ~~29.05.2023~~.....

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# **BLOOD DONATION MANAGEMENT SYSTEM**

## **MINI PROJECT REPORT**

*Submitted by*

**V.ABITHA (620320104003)**

**V.ARCHANA (620320104009)**

**S.HASINABEGAM (620320104024)**

**A.NANDHINI (620320104042)**

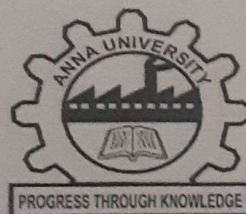
*in partial fulfilment for the award of degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

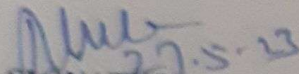
**DEVIYAKURICHI-636112**

**ANNA UNIVERSITY, CHENNAI::600025**

**MAY 2023**

## BONAFIDE CERTIFICATE

Certified that this project titled "BLOOD BANK MANAGEMENT SYSTEM" the bonafide work of HASINABEGAM S (620320104024), ABITHA V (620320104003), ARCHANA V (620320104009), NANDHINI A (620320104042)" who carried out the project work under my supervision.

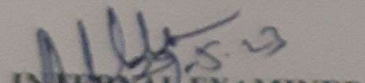
  
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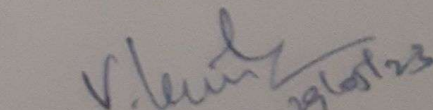
Dr. P. MADHUBALA, M.E, Ph.D.,  
HEAD OF THE DEPARTMENT  
ASSOCIATE PROFESSOR  
Department of Computer Science  
Engineering,  
Bharathiyar Institute of Engineering  
For Women,  
Deviyakurichi-636112.



SIGNATURE  
Mrs. S. VISHNUPRIYA, M.E.,  
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Deviyakurichi-636112.

Submitted for the project Viva Voice Examination held on 29/05/2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# RESPONSIVE GYM WEBSITE

## A MINI PROJECT REPORT

*Submitted By*

BRUNDHAVANAM K (620320104013)

DHIVYA M (620320104016)

GOKILA D (620320104023)

INDHUMATHI G (620320104027)

*in partial fulfillment for the award of the degree*

*of*

### BACHELOR OF ENGINEERING

*in*

### COMPUTER SCIENCE AND ENGINEERING



BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

DEVIYAKURICHI

ANNA UNIVERSITY:CHENNAI 600 025

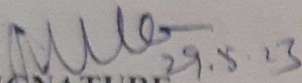
MAY 2023



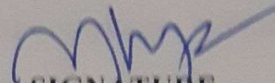
ANNA UNIVERSITY: CHENNAI 600 025

**BONAFIDE CERTIFICATE**

Certified that is project titled "RESPONSIVE GYM WEBSITE " the bonafide work of BRUNDHAVANAM.K (620320104013),DIVYA.M (620320104016),GOKILA.D(620320104023),INDHUMATHIG(620320104027) who carried out the project work under my supervision.

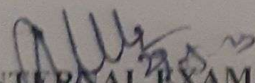
  
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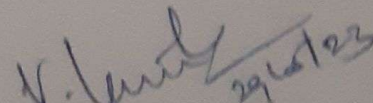
Dr. P. MADHUBALA, M.E, Ph.d.,  
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SIGNATURE

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Department of Computer Science  
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Deviyakurichi-636112.

Submitted for the project Viva Voce Examination held on 29.05.2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER



# ONLINE SHOPPING SYSTEM



## A PROJECT REPORT

*Submitted By*

PRIYADHARSHINI M [620319104029]

PRIYADHARSHINI S [620319104030]

SNEHA S [620319104038]

*In partial fulfilment for the award of the degree of*

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**

**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

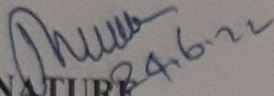
**DEVIYAKURICHI-636112**

**ANNA UNIVERSITY:: CHENNAI 600 025**

**JUNE 2022**

## BONAFIDE CERTIFICATE

Certificate that this project report "ONLINE SHOPPING SYSTEM" is the bonafide work of "PRIYADHARSHINI.M (620319104029), PRIYADHARSHINI.S (620319104030), SNEHA.S (620319104038)" who carried out the project work under my Supervision.

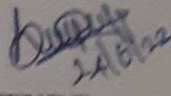
  
SIGNATURE

Dr.P.MADHUBALA, M.E., Ph.D.,  
HEAD OF THE DEPARTMENT

Associate Professor

Computer Science and Engineering  
Engineering

Bharathiyar Institute of Engineering  
Engineering For Women , Deviyakurichi-636112  
Women, Deviyakurichi-636112

  
SIGNATURE

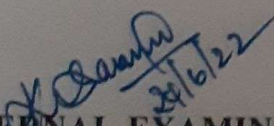
Ms.S.VISHNUPRIYA, M.E.,  
SUPERVISOR

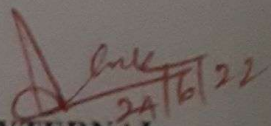
Assistant Professor

Computer Science and

Bharathiyar Institute of  
For

Submitted for the university examination held on...24.06.22

  
INTERNAL EXAMINER  
EXAMINER

  
EXTERNAL



# AIRLINE RESERVATION SYSTEM



A PROJECT REPORT

*Submitted By*

JAYAMALINI.J	[620319104011]
SNEHA.S	[620319104037]
VASUKI.C	[620319104047]

*In partial fulfillment for the award of the degree*

*of*

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN

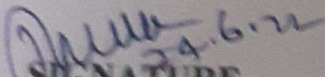
DEVIYAKURICHI-636112

ANNA UNIVERSITY :: CHENNAI 600 025

JUNE 2022

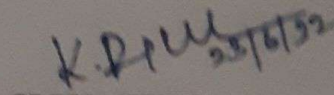
## BONAFIDE CERTIFICATE

Certificate that this project report "AIRLINE RESERVATION SYSTEM" is the bonafide work of "JAYAMALINI.J (620319104011), SNEHA.S (620319104037), VASUKI.C (620319104047)" who carried out the project work under my Supervision.

  
SIGNATURE

Dr.P.MADHUBALA, M.E., Ph.D.,  
HEAD OF THE DEPARTMENT

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SIGNATURE

Mrs.K.PRIYADHARSHINI,ME.,  
SUPERVISOR

Assistant Professor  
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Deviyakurichi-636112.

Submitted for the university examination held on..24/06/2022

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# INSTITUTION AUTOMATION ERP

## A PROJECT REPORT

*Submitted by*

NILOFAR NISHA M (620319104023)

SNEKA N (620319104039)

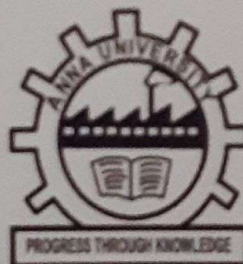
SWATHI R (620319104045)

VASUKI C (620319104047)

*in partial fulfillment for the award of the degree  
of*

**BACHELOR OF ENGINEERING**  
*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN ,  
DEVIYAKURICHI - 636112**

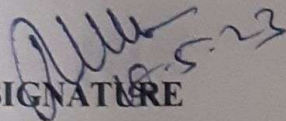
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**May 2023**

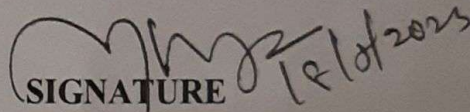
ANNA UNIVERSITY : CHENNAI 600 025

**BONAFIDE CERTIFICATE**

Certificate that this project report “ INSTITUTION AUTOMATION ERP” is the bonafide work of “ NILOFAR NISHA M (620319104023), SNEKA N (620319104039) ,SWATHI R (620319104045), VASUKI C(620319104047)”who carried out the project work under my Supervision.

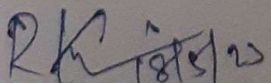
  
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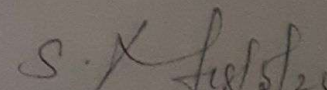
**Dr.P.MADHUBALA,M.E,Ph.d.,**  
**HEAD OF THE DEPARTMENT**  
Associate Professor  
Computer Science and Engineering  
Bharathiyar Institute of Engineering  
For Women  
Deviyakurichi-636112

  
SIGNATURE

**Mr.M.KARTHIKEYAN,M.E,**  
**SUPERVISOR**  
Assistant Professor  
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Bharathiyar Institute of Engineering  
For Women  
Deviyakurichi-636112

Submitted for the university examination held on .....18/5/2023.....

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# **SIMULATION OF MOTOR WITH SPEED CONTROL USING ARDUINO**

**A PROJECT REPORT**

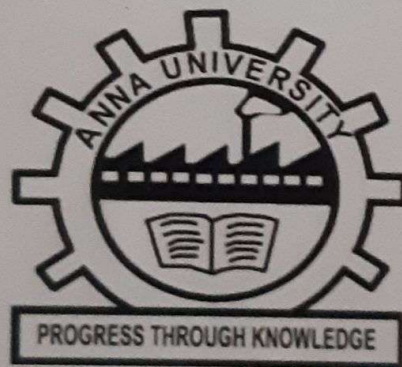
*Submitted by*

**KOKILA P (620319104014)**  
**PRIYADHARSHINI M (620319104029)**  
**SNEHA S (620319104037)**

*in partial fulfillment for the award of the degree*

*Of*

**BACHELOR OF ENGINEERING  
IN  
COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN  
DEVIYAKURICHI**

**ANNA UNIVERSITY : CHENNAI 600 025**

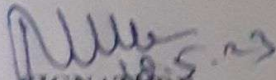
**MAY 2023**



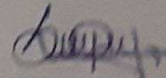
**ANNA UNIVERSITY : CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certificate that this project report "SIMULATION OF MOTOR WITH SPEED CONTROL USING ARDUINO" is the bonafide work of "KOKILA.P(620319104014),PRIYADHARSHINI.M(620319104029),SNEHA.S (620319104037) who carried out the project work under my Supervision.

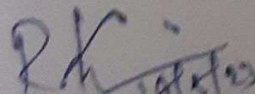
  
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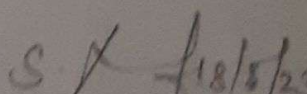
Dr.P.MADHUBALA,M.E,Ph.d.,  
HEAD OF THE DEPARTMENT  
Associate Professor  
Computer Science and Engineering  
Bharathiyar Institute of Engineering  
For Women  
Deviyakurichi-636112

  
SIGNATURE

Mrs.S.VISHNUPRIYA,M.E.,  
SUPERVISOR  
Assistant Professor  
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Bharathiyar Institute of Engineering  
For Women  
Deviyakurichi-636112

Submitted for the university examination held on 19/05/2022.....

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# CAMPUS CLOUD CONNECT

A PROJECT REPORT

*Submitted by*

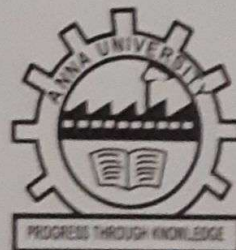
DHARANI T	(620319104005)
NIVETHA S	(620319104025)
NIVETHINI R	(620310104026)
UMAPATHI S	(620319104046)

*in partial fulfilment for the award of degree  
of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND  
ENGINEERING**



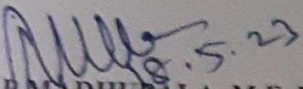
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WOMEN, DEVIYAKURICHI - 636 112**

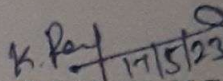
**ANNA UNIVERSITY, CHENNAI::600 025**

**MAY 2023**

ANNA UNIVERSITY, CHENNAI::600 025  
BONAFIDE CERTIFICATE

Certificate that this project titled "CAMPUS CLOUD CONNECT" the bonafide work of DHARANI T (620319104005), NIVETHA S (620319104025), NIVETHINI R (620319104026), UMAPATHI S (620319104046) who carried out the project work under my supervision.

  
Dr. P. MADHUBALA, M.E., Ph.D.,

  
Mrs. K. RAMYA, M.E.,

Head of the Department

Supervisor

Associate Professor

Assistant Professor

Department of Computer Science

Department of Computer Science

and Engineering

and Engineering

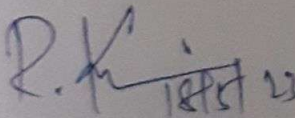
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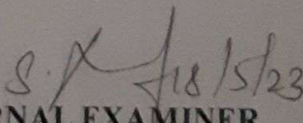
Bharathiyar Institute of Engineering

For Women, Deviyakurichi-636112

For Women, Deviyakurichi-636112

Submitted for the project Viva Voice Examination held on..18.05.2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**BLUETOOTH BASED CONTROLLED  
ROBOT**

**A PROJECT REPORT**

*Submitted by*

**KAVIYA N (620319104012)**

**MEGALA V (620319104017)**

**NAGALAKSHMI P (620310104020)**

**PRIYADHARSHINI S (620319104030)**

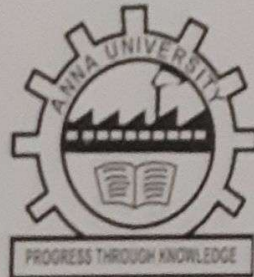
*in partial fulfilment for the award of degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

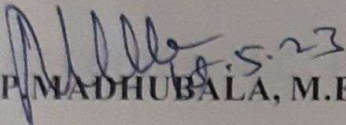
**DEVIYAKURICHI-636 112**

**ANNA UNIVERSITY, CHENNAI::600 025**

**MAY 2023**

ANNA UNIVERSITY, CHENNAI::600 025  
BONAFIDE CERTIFICATE

Certificate that this project titled "BLUETOOTH BASED CONTROLLED ROBOT" the bonafide work of KAVIYA N (620319104012), MEGALA V (620319104017), NAGALAKSHMI P (620319104020), PRIYADHARSHINI S (620319104030) who carried out the project work under my supervision.

  
Dr. P. MADHUBALA, M.E., Ph.D.,

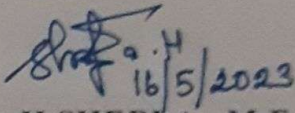
Head of the Department

Associate Professor

Department of Computer Science  
and Engineering

Bharathiyar Institute of Engineering

For women, Deviyakurichi-636112

  
Mrs. H. SHEELA, M.E.,

Supervisor

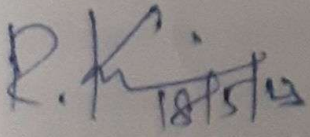
Assistant Professor

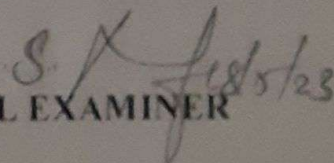
Department of Computer Science  
and Engineering

Bharathiyar Institute of Engineering

For women, Deviyakurichi-636112

Submitted for the project Viva Voice Examination held on... 18/05/2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

# ONLINE LIBRARY AUTOMATION

## A PROJECT REPORT

*Submitted by*

BHUVANESHWARI M	(620319104004)
INDHU J	(620319104008)
SARANYA I	(620319104035)
SNEHA S	(620319104038)

*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

*in*

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN  
DEVIYAKURICHI**

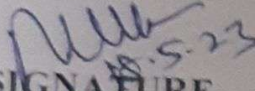
**ANNA UNIVERSITY::CHENNAI 600 025**

**MAY 2023**

ANNA UNIVERSITY::CHENNAI 600 025

**BONAFIDE CERTIFICATE**

Certified that this project report "ONLINE LIBRARY AUTOMATION" is the bonafide work of "BHUVANESHWARI M (620319104004), INDHU J (620319104008), SARANYA I(620319104035), SNEHA S (62031910 4038)" who carried out the project work under the supervision.

  
SIGNATURE

**Dr.P.MADHUBALA, M.E, Ph.d.,**  
**HEAD OF THE DEPARTMENT**

Associate Professor

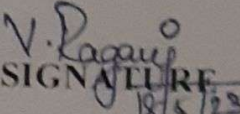
Computer Science

and Engineering

Bharathiyar Institute of

Engineering For Women

Deviyakurichi-636112

  
SIGNATURE

**Mrs.V.RAGAVI,M.E..**  
**SUPERVISOR**

Assistant Professor

Computer Science

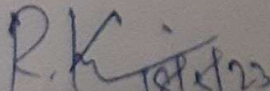
and Engineering

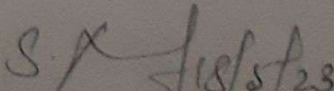
Bharathiyar Institute of

Engineering For Women

Deviyakurichi-636112

Submitted for the university examination held on..18.05.2023..

  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**

**EFFICIENT TRACEABLE AUTHORIZATION SEARCH  
SYSTEM FOR SECURE CLOUD STORAGE  
PHASE II REPORT**

*Submitted by*

**MONISHA V (620320405002)**

*In partial fulfillment for the award of the degree*

*of*

**MASTER OF  
ENGINEERING IN  
COMPUTER SCIENCE AND  
ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

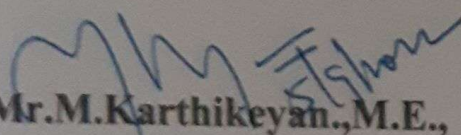
**ANNA UNIVERSITY: CHENNAI 600 025**

**SEPTEMBER 2022**



## BONAFIDE CERTIFICATE

Certified that this project report titled "EFFICIENT TRACEABLE AUTHORIZATION SEARCH SYSTEM FOR SECURE CLOUD STORAGE" is the bonafide work of MONISHA V (620320405002), who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation or the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

  
**Mr. M. Karthikeyan., M.E.,**

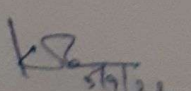
Assistant Professor and Head  
Department of Computer  
Science and Engineering,  
Bharathiyar Institute of Engineering for Women,  
Thalavivasal-636112

  
**Mr. M. Karthikeyan., M.E.,**

Assistant Professor and Head Department of  
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Bharathiyar Institute of Engineering for Women,  
Thalavivasal-636112

Submitted to the viva voce examination held on 05.09.2022

INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**A DISEASE PREDICTION BY SYMPTOMS  
MATCHING USING SDN-BASED SYSTEM**

**PHASE II REPORT**

*Submitted by*

**VINOTHINI R (620320405004)**

*In partial fulfillment for the award of the degree*

*of*

**MASTER OF  
ENGINEERING IN**

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

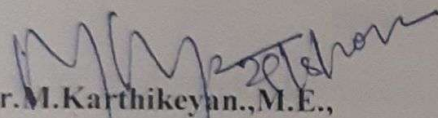
**ANNA UNIVERSITY: CHENNAI 600 025**

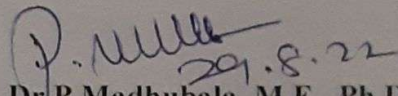
**SEPTEMBER 2022**

**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

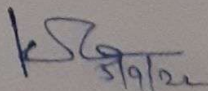
Certified that this project report titled “**A DISEASE PREDICTION BY SYMPTOMS MATCHING USING SDN-BASED SYSTEM**” is the bonafide work of **VINOTHINLR (620320405004)** who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

  
**Mr. M. Karthikeyan., M.E.,**  
Assistant Professor and Head,  
Department of Computer  
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Project Coordinator,  
Bharathiyar Institute of  
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Thalaivasal-636112.

  
**Dr. P. Madhubala, M.E., Ph.D.,**  
Supervisor  
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Submitted to the viva voce examination held on **05.09.2022**

**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**

**WORKER RUPUTATION INFORMATION  
USING SENTIMENT ANALYSIS**

**PHASE I REPORT**

*Submitted by*

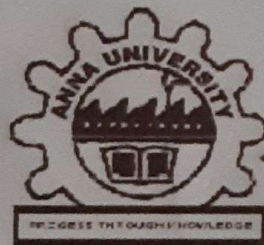
**PAVITHRA R (620321405011)**

*In partial fulfillment for the award of the degree*

*of*

**MASTER OF  
ENGINEERING IN**

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

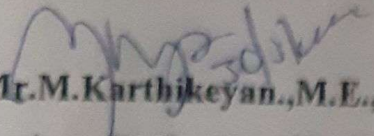
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**


**ANNA UNIVERSITY: CHENNAI 600 025**

**MARCH 2023**

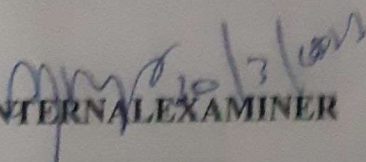
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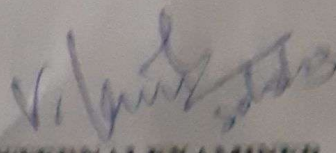
Certified that this project report titled "WORKER REPUTATION INFORMATION USING SENTIMENT ANALYSIS" is the bonafide work of PAVITHRA.R (620321405011) who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree award was conferred on an earlier occasion on this or any other candidate.

  
Mr. M. Karthikeyan., M.E.,  
Assistant Professor and Head  
Department of  
Computer Science and  
Engineering, project  
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636112.

Submitted to the viva voce examination held on 30.03.2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**A GRU Deep Learning System against  
Attacks in Software Defined  
Networks**

**PHASE I REPORT**

*Submitted by*

PRIYANKA A (620321405012)

*In partial fulfillment for the award of the degree*

*of*  
MASTER OF  
ENGINEERING  
IN

COMPUTER SCIENCE AND ENGINEERING



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

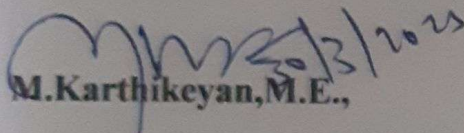
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**ANNA UNIVERSITY: CHENNAI 600 025**

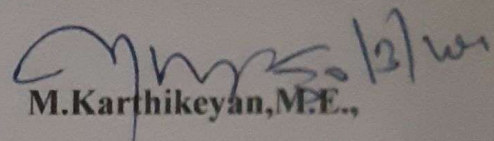
**MARCH-2023**

## BONAFIDE CERTIFICATE

Certified that this project report titled "A GRU DEEP LEARNING SYSTEM AGAINST ATTACKS IN SOFTWARE DEFINED NETWORKS" is the bonafide work of PRIYANKA A (620321405012) who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

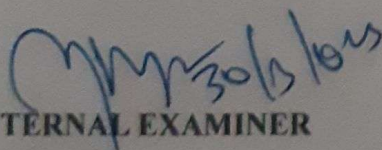
  
M. Karthikeyan, M.E.,

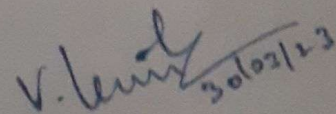
Assistant professor and Head  
Department of computer  
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Submitted to the viva voce examination held on 30/3/23.

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**DUAL ACCESS CONTROL APPROACH IN  
CLOUD BASED DATA STORAGE AND  
SHARING SYSTEM**

**PHASE I REPORT**

*Submitted by*

**SHYAMALA R (620321405015)**

*In partial fulfillment for the award of the degree*

*of*

**MASTER OF  
ENGINEERING IN**

**COMPUTER SCIENCE AND ENGINEERING**



**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

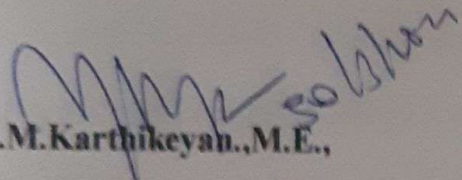
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**MARCH 2023**

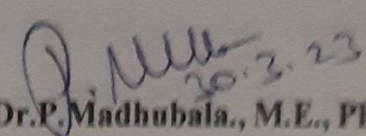


## BONAFIDE CERTIFICATE

Certified that this project report titled "DUAL ACCESS CONTROL APPROACH IN CLOUD BASED DATA STORAGE AND SHARING SYSTEM" is the bonafide work of SHYAMALA.R(620321405015) who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate

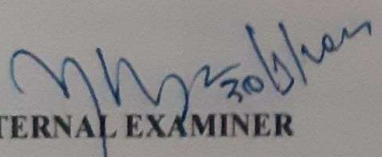
  
Mr. M. Karthikeyan., M.E.,

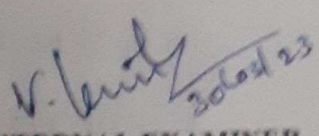
Assistant Professor and Head  
Department of Computer  
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Submitted to the viva voce examination held on 30.03.2022

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**WORKER RUPUTATION INFORMATION  
USING SENTIMENT ANALYSIS**

**PHASE I REPORT**

*Submitted by*

**PAVITHRA R (620321405011)**

*In partial fulfillment for the award of the degree*

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**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

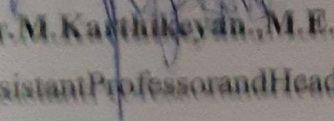
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

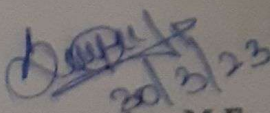
**ANNA UNIVERSITY: CHENNAI 600 025**

**MARCH 2023**

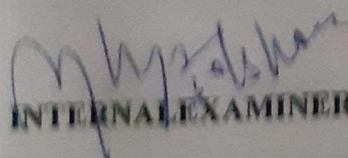
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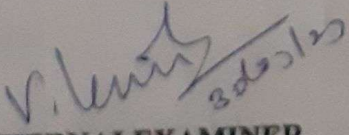
Certified that this project report titled "WORKER REPUTATION INFORMATION USING SENTIMENT ANALYSIS" is the bonafide work of PAVITHRA.R (620321405011) who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree award was conferred on an earlier occasion on this or any other candidate.

  
Mr. M. Karthikeyan, M.E.,  
Assistant Professor and Head  
Department of  
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ute of Engineering for  
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gineering for  
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636112.

Submitted to the viva voce examination held on 30.03.2023

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER

**A NOVEL 3D MEDICAL IMAGE COMPRESSION WITH  
WAVELET TRANSFORM AMIDST LOSSLESS TRANSMISSION**

**PHASE I REPORT**

*Submitted by*

**ABINAYA S (620321405001)**

*In partial fulfillment for the award of the degree*

*Of*

**MASTER OF ENGINEERING**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**



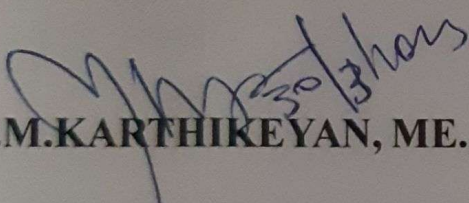
**BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ANNA  
UNIVERSITY; CHENNAI 600 025**

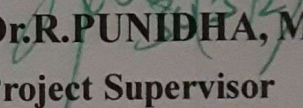
**March 2023**

## BONAFIDE CERTIFICATE

Certified that this project report titled "A NOVEL 3D MEDICAL IMAGE COMPRESSION WITH WAVELET TRANSFORM AMIDST LOSSLESS TRANSMISSION" is the bonafide work of ABINAYA S (620321405001) who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

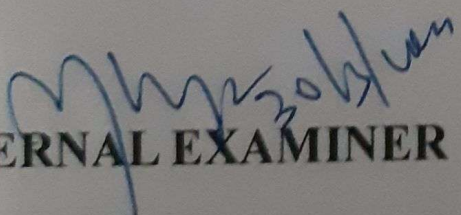
  
**Mr. M. KARTHIKEYAN, ME.,**

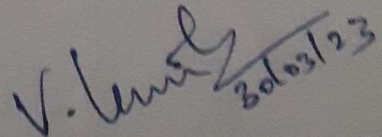
Head of the Department , Department  
of Computer Science and  
Engineering, project coordinator,  
Bharathiyar Institute of Engineering  
for Women, Thalavivasal-636112.

  
**Dr. R. PUNIDHA, M.E., Ph.D.,**  
Project Supervisor

Department of Computer Science and  
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Engineering for women, Thalavivasal-  
636112.

Submitted to the viva voce examination held on 30/03/2023

  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**