AN AI BASED APPROACH FOR MEDICINALPLANT **IDENTIFICATION USING DEEP CNN BASED ON GLOBAL AVERAGE POOLING PROJECT REPORT**

Submitted By

K.S. AABITHA BANU

(Reg. No. 20213092506201)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN **COMPUTER SCIENCE**

UNDER THE GUIDANCE OF Dr. P.RAAJAN MCA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF

COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY,

TIRUNELVEL1-627 012)

THIRUVITHANCODE-629 174

APRIL 2023



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629174

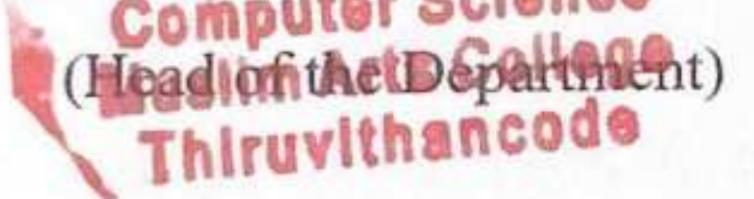
BONAFIDE CERTIFICATE

This is to certify that the project entitled "AN AI BASED APPROACH FOR MEDICINAL PLANT IDENTIFICATION USING DEEP CNN BASED ON GLOBAL AVERAGE POOLING" is a bonafide record of the work done by K. S AABITHA BANU (Reg.No:20213092506201) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani HMSE, M.Phil, M.Tech

Dr. P. Raajan

MCA., M.Phil., Ph.D.

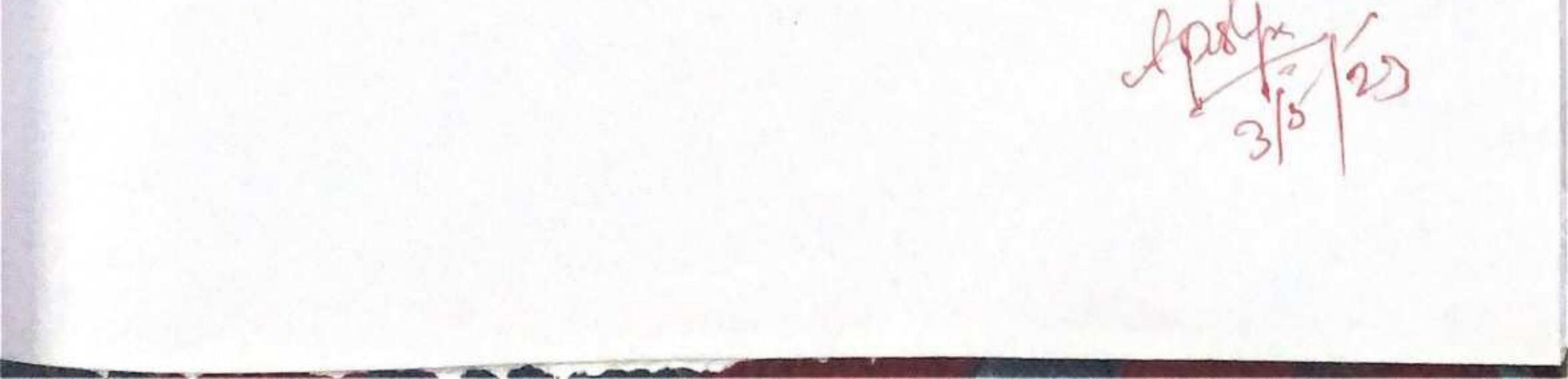


(Project Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode

on 03-05-23.

pn 3/05/2023.



GUIDED IMAGE DEBLURRING BY DEEP MULTI-MODAL IMAGE FUSION PROJECT REPORT

Submitted By

A. HANSHA

(Reg. No. 20213092506211)

in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN**

COMPUTER SCIENCE

UNDER THE GUIDANCE OF Dr. P.RAAJAN MCA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF

COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY,

TIRUNELVELI-627 012)

THIRUVITHANCODE-629 174





PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE - 629174

BONAFIDECERTIFICATE

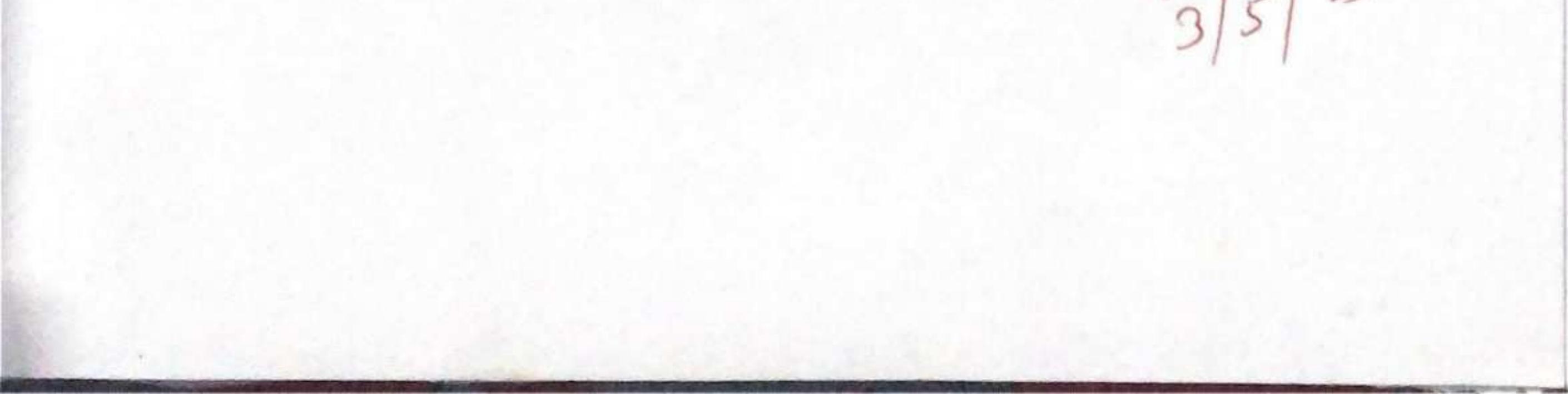
This is to certify that the project entitled " **GUIDED IMAGE DEBLURRING BY DEEP MULTI-MODAL IMAGE FUSION**" is a bonafide record of the work done by **A.HANSHA** (**Reg.No:20213092506211**) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisopassikina Rani M.Sc. M.Phile Science (Head of the Diparticed)

Dr. P. Raajan MCA., M. Phil., Ph. D. (Project Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode

RM 03/05/2023



A NOVEL DIABETES HEALTHCARE DISEASE PREDICTION FRAMEWORK USING MACHINE LEARNING TECHNIQUES PROJECT REPORT

Submitted By

L.V. JINITHA

(Reg. No. 20213092506212)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN **COMPUTER SCIENCE**

UNDER THE GUIDANCE OF Dr.N.G.NAGESWARI AMMA MCA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF **COMPUTER SCIENCE** MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 012) THIRUVITHANCODE - 629 174

APRIL-2023

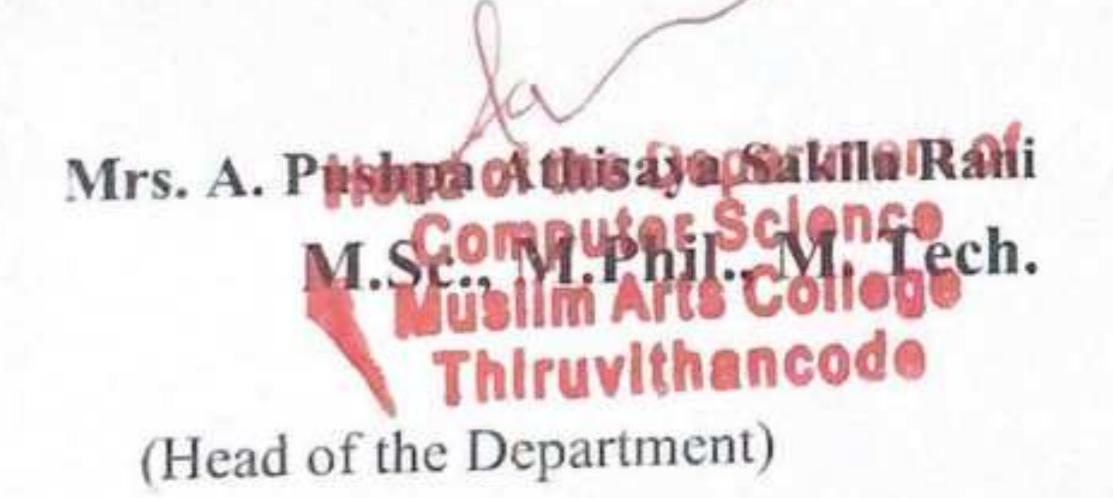


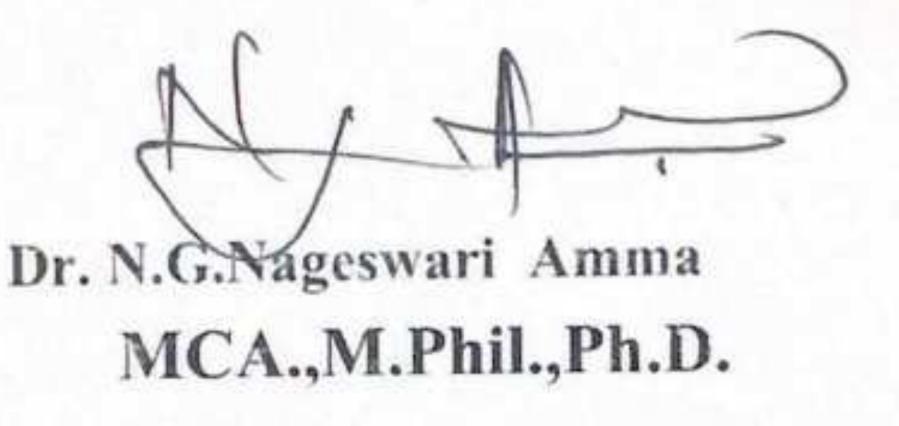
PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629 174.

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A NOVEL DIABETES HEALTHCARE DISEASE PREDICTION FRAMEWORK USING MACHINE LEARNING TECHNIQUES" is a bonafide record of the work done by L.V.JINITHA (Reg.No:20213092506212), who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of my other project on the basis of which a degree or award was conferred on an earlier occasion

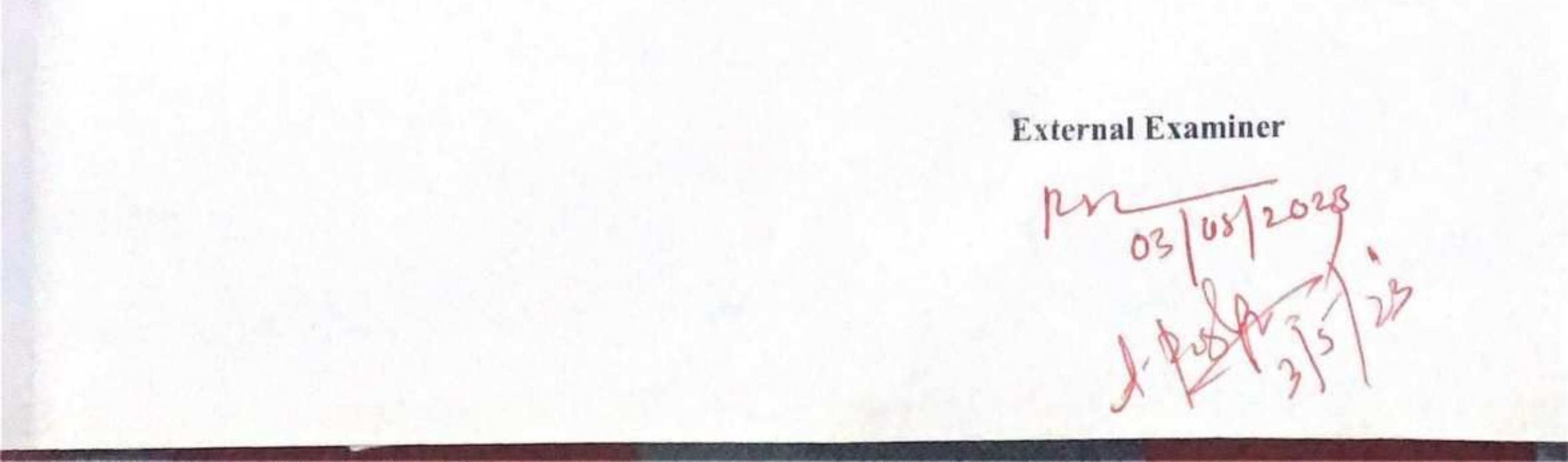
on this or any other candidate.





(Project Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode on ...3.1.5.1.20.2.3...



DIABETIC RETINOPATHY DETECTION USING MACHINE LEARNING PROJECT REPORT

SUBMITTED BY

'S MELFIA LIS (Reg. No. 20213092506213)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE

> Under the guidance of Dr. Felsia Thompson, M.CA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE (AFFLIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 021) THIRUVITHANCODE - 629 174

APRIL-2023



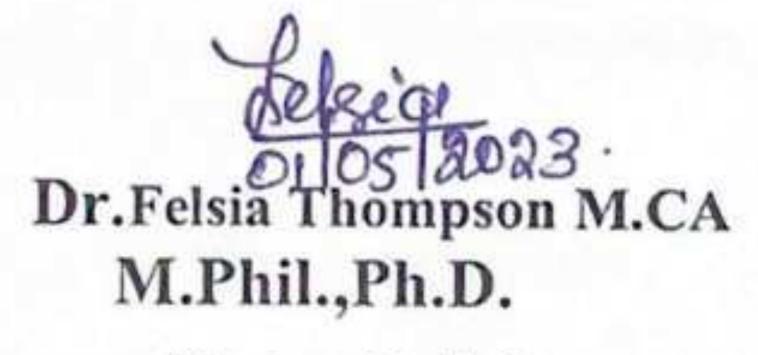


PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFLIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 021) THIRUVITHANCODE-629 174.

BONAFIDE CERTIFICATE

This is to certify that the project entitled "DIABETIC RETINOPATHY DETECTION USING MACHINE LEARNING" is a bonafide record of the work done by S MELFIA LIS (Reg.No.:20213092506213) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani M.Sc. M. Phil. M. Tech (Hearen the Department of (Hearen the Department) Muslim Arts College J Thirmithancode



(Project Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode on



LUNG CANCER CLASSIFICATION AND PREDICTION USING MACHINE LEARNING AND IMAGE PROCESSING

PROJECT REPORT

Submitted by

S K NISHA (Reg. No. 20213092506214)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE

Under the guidance of Dr. A YESU RAJA, MCA, M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE (AFFLIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 027)

THIRUVITHANCODE - 629 174

APRIL-2023

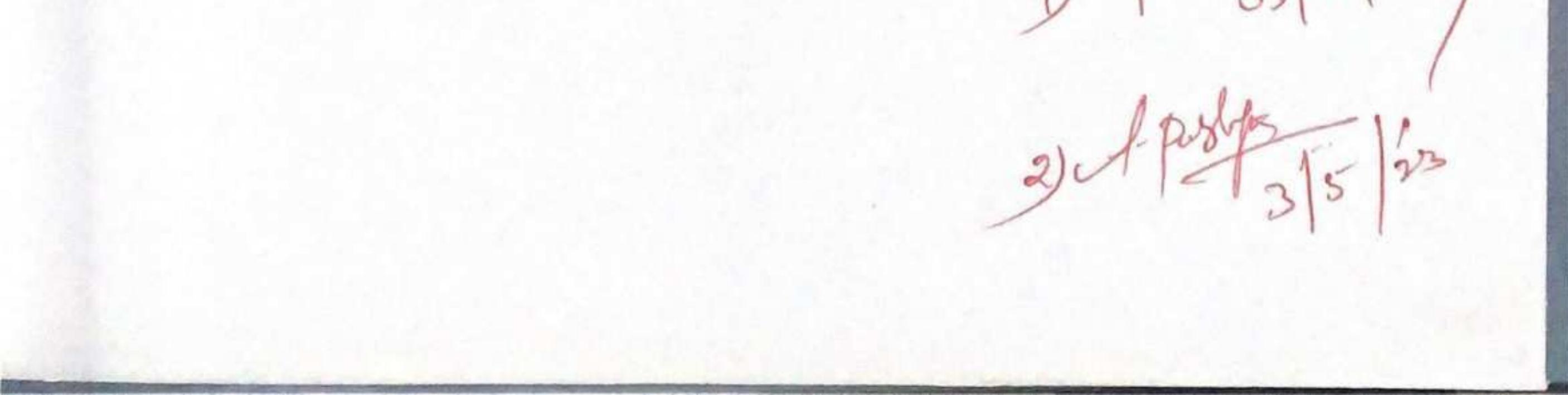


PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFLIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 027) THIRUVITHANCODE - 629 174.

BONAFIDE CERTIFICATE

This is to certify that the project entitled "LUNG CANCER CLASSIFICATION AND PREDICTION USING MACHINE LEARNING AND IMAGE PROCESSING" is a bonafide record of the work done by S K NISHA (Reg.No:20213092506214) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa AthisayaSakila Rani M.Sc., M.Phil., M. Tech (Head of the Department) Head of the Department of Computer Science Submitted for the Department of Computer Science



STRESS DETECTION IN IT PROFESSIONAL BY **IMAGE PROCESSING AND MACHINE LEARNING**

PROJECT REPORT

Submitted By

T.ABITHA

(Reg. No. 20213092506203)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN **COMPUTER SCIENCE**

UNDER THE GUIDANCE OF Dr. N.G.NAGESWARI AMMA MCA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF **COMPUTER SCIENCE**

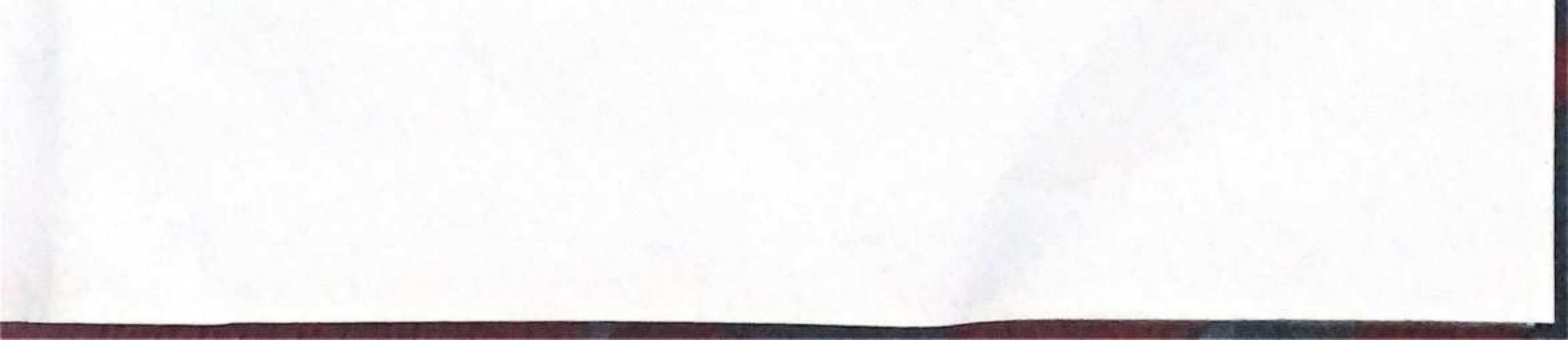
MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY,

TIRUNELVELI-627 012)

THIRUVITHANCODE-629 174

APRIL 2023





PG AND RESEARCH

DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR

UNIVERSITY, TIRUNELVELI)

THIRUVITHANCODE-629 174

BONAFIDE CERTIFICATE

This is to certify that the project entitled "STRESS DETECTION IN IT PROFESSIONAL BY IMAGE PROCESSING AND MACHINE LEARNING " is a bonafide record of the work done by T. ABITHA (Reg.No.: 20213092506203), who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of my other project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani M.Sc., M.Phil., M.Tech. Dr.N.G Nageswari Amma MCA., M.Phil., Ph.D.

(Project Guide)

(Head of the Department)

Head of the Department of Computer Science Muslim Arts College Thiruvithancode

Submitted for viva-voce Examination held at Muslim Arts College

Thiruvithancode on ... 0.3 -. 0.5. -. 2023



RICE LEAF DISEASES CLASSIFICATION USING CNN WITH TRANSFER LEARNING PROJECT REPORT

Submitted by R ANUSHA

(Reg. No. 20213092506205)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE

Under the guidance of Dr.FelsiaThompson, M.CA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE (AFFLIATED TO MANONMANIAM SUNDARANARUNIVERSITY, TIRUNELVELI-627 012) THIRUVITHANCODE - 629 174

April-2023



PG AND RESEARCH **DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE** (AFFLIATED TO MANONMANIAM SUNDARANARUNIVERSITY, TIRUNELVELI-627 012) THIRUVITHANCODE-629 174.

BONAFIDE CERTIFICATE

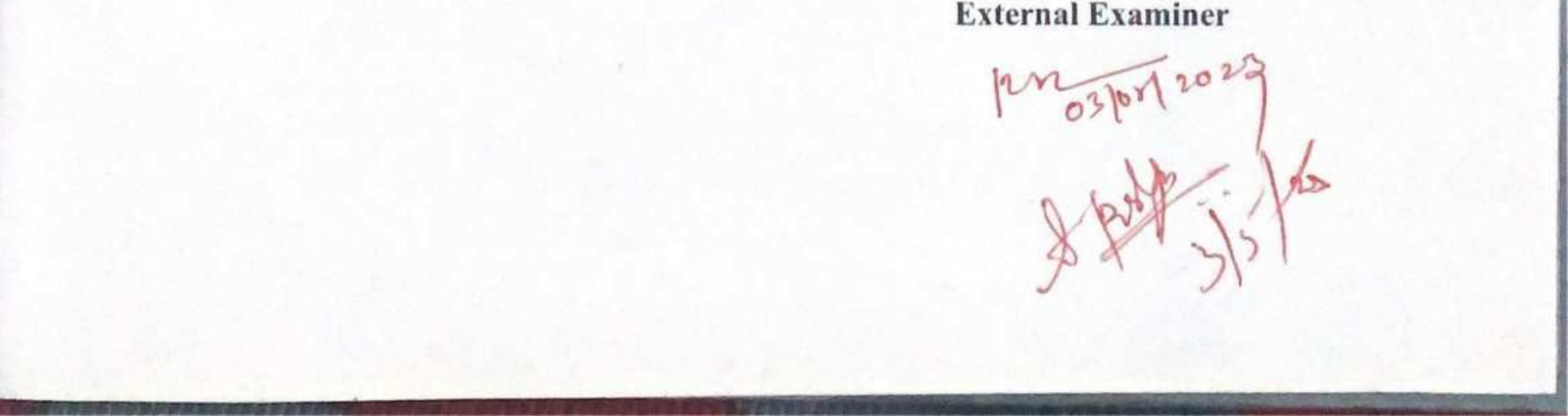
This is to certify that the project entitled "RICE LEAF DISEASES CLASSIFICATION USING CNN WITH TRANSFER LEARNING" is a bonafide record of the work done by ANUSHA R (Reg.No.: 20213092506205) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani M.Sc, M.Phil. M. Techcience (Head of the Department)s College Thiruvithancode

2023. **Dr. Felsiathompson** M.C.A, M.Phil, Ph.D (Project Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode on

.03-05-2023.



EPILEPTIC SEIZURE DETECTION USING BRAIN RHYTHMIC RECURRENCE BIOMARKERS AND BASED **TRANSFER LEARNING**

PROJECT REPORT

Submitted by

MRARUN KUMAR (Reg. No. 20213092506206)

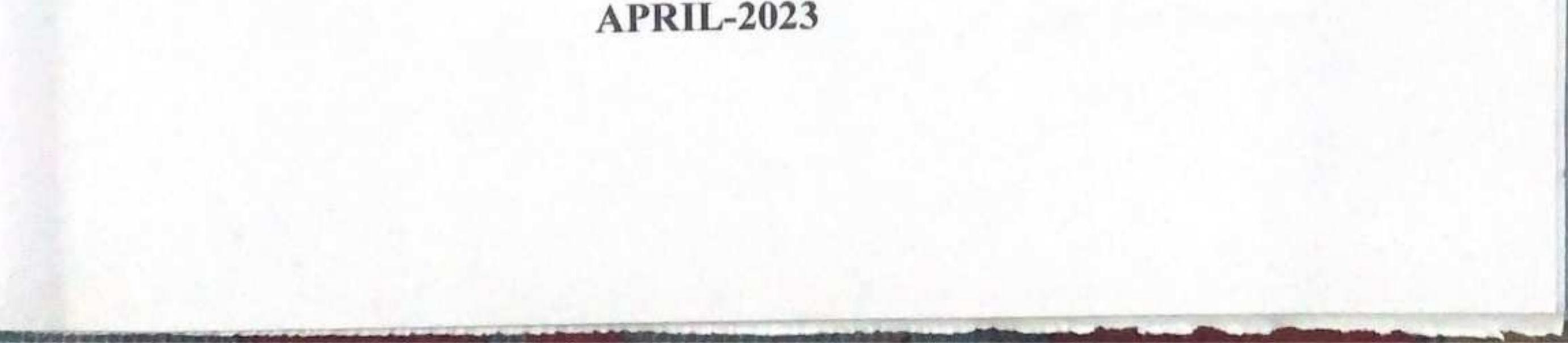
in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN **COMPUTER SCIENCE**

Under the guidance of Dr. A YESU RAJA, MCA, M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF **COMPUTER SCIENCE**

MUSLIM ARTS COLLEGE (AFFLIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 012) THIRUVITHANCODE - 629 174

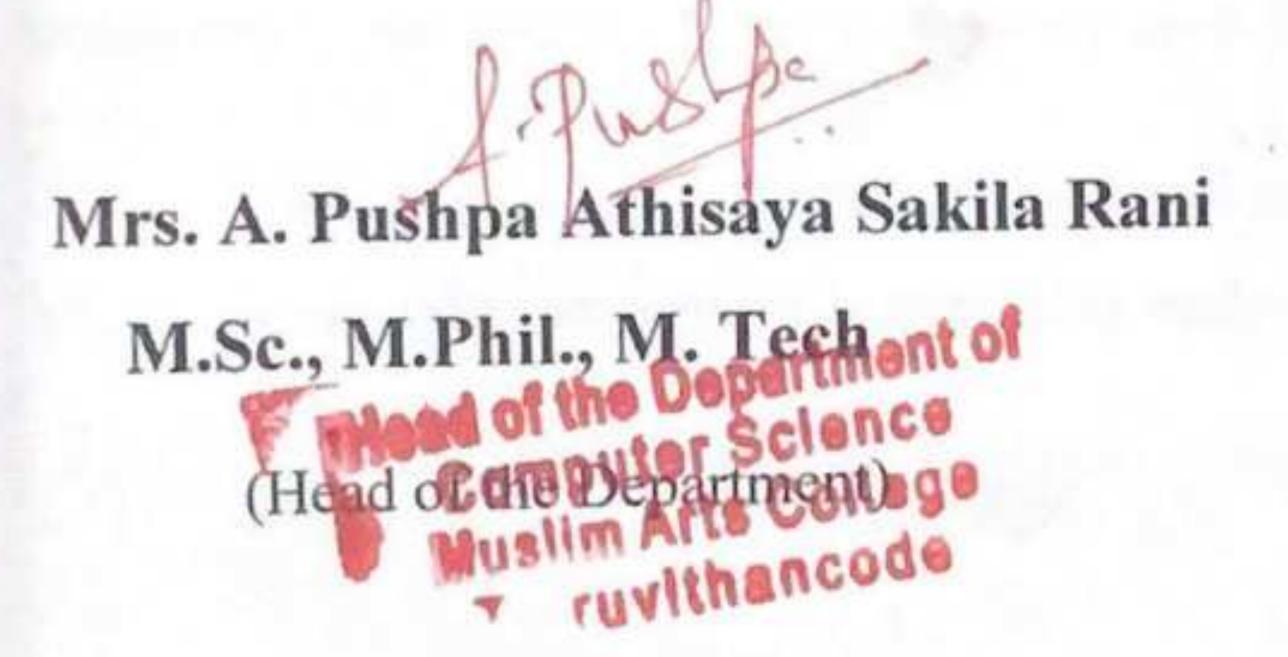




PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFLIATED TO MANONMANIAM SUNDARANARUNIVERSITY, TIRUNELVELI-627 012) THIRUVITHANCODE-629 174.

BONAFIDE CERTIFICATE

This is to certify that the project entitled "EPILEPTIC SEIZURE DETECTION USING BRAIN-RHYTHMIC RECURRENCE BIOMARKERS AND BASED TRANSFER LEARNING" is a bonafide record of the work done by M R ARUN KUMAR (Reg.No:20213092506206) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

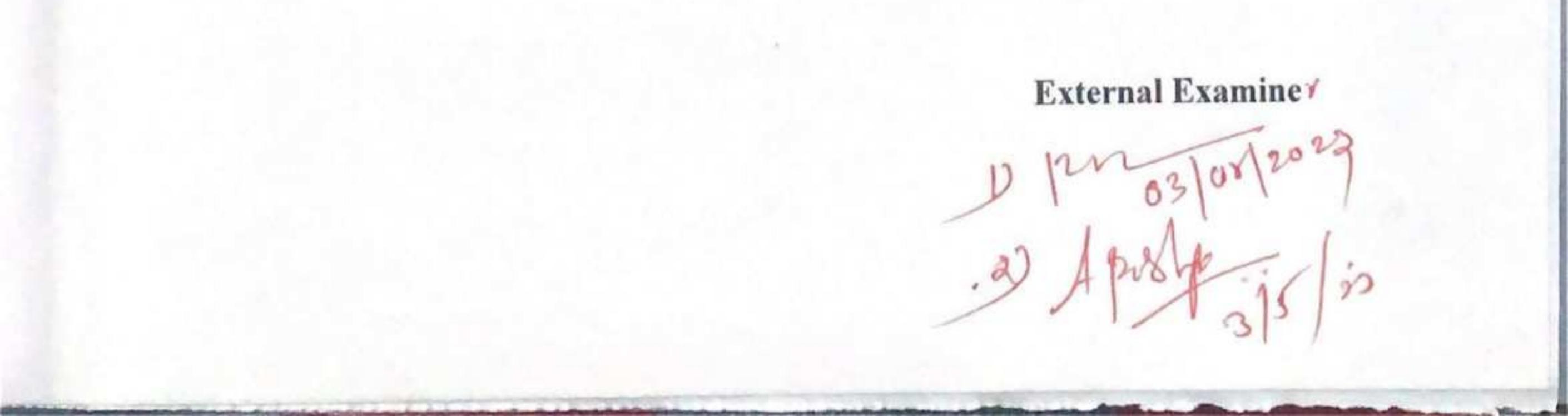


Dr. A Yesu Raja

MCA, M.Phil., Ph.D.

(Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancodeon.0.3-05-2023



SCALP EEG-BASED PAIN DETECTION USING CONVOLUTIONAL NEURAL NETWORK

PROJECT REPORT

Submitted by

J BENCIR JOE (Reg. No. 20213092506207)

in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE

under the guidance of

Dr. P. RAAJAN, MCA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI - 627 012) THIRUVITHANCODE - 629 174

APRIL-2023





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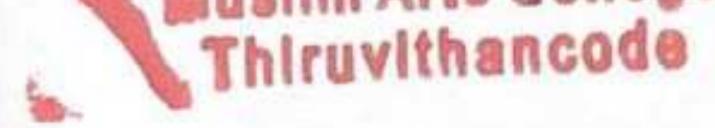
BONAFIDE CERTIFICATE

This is to certify that the project entitled " SCALP EEG-BASED PAIN DETECTION USING CONVOLUTIONAL NEURAL NETWORK" is a bonafide record of the work done by BENCIR JOE J (Reg.No:20213092506207) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani HMSc/M.Phirm!Tech of Computer Science (Head of the Dependent)

Dr.P. Raajan

MCA., M.Phil., Ph.D. (Project Guide)



Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode

on.3-5-20.23

n n 03/05/2029



BLOOD GROUP DETECTION USING IMAGE PROCESSING PROJECT REPORT

Submitted By V.E.DAMINY (Reg. No. 20213092506208)

in partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN

COMPUTER SCIENCE

UNDER THE GUIDANCE OF Dr. N.G.Nageswari Amma,M.CA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF

COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFLIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 012) THIRUVITHANCODE – 629 174

April-2023





PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE

(AFFLIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 012) THIRUVITHANCODE-629 174.

BONAFIDE CERTIFICATE

This is to certify that the project entitled "BLOOD GROUP DETECTION USING IMAGE PROCESSING" is a bonafide record of the work done by V.E.DAMINY (Reg.No.:20213092506208) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

pa Athisaya Sakila Rani Mrs. A.

Dr. N.G.Nageswari Amma,

M.Sc., M.Phil., M. Tech (Head of the Department) Head of the Department of Computer Science Muslim Acie College This with a voce Examination held at Muslim Arts College This with an code on .03.05.12023

03/08/2023



BRAIN TUMOR DETECTION USING TRANSFER LEARNING WITH DIMENSIONALITY REDUCTION METHOD

PROJECT REPORT

Submitted by

PAFFIN ELMER E M (Reg. No. 20213092506215)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE

Under The Guidance Of Dr. P. Raajan, MCA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI - 627 012)



APRIL-2023



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629174

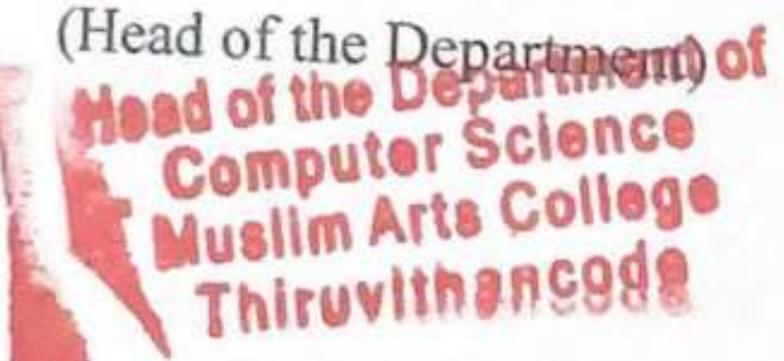
BONAFIDE CERTIFICATE

This is to certify that the project entitled "BRAIN TUMOR DETECTION USING TRANSFER LEARNING WITH DIMENSIONALITY REDUCTION METHOD" is a bonafide record of the work done by PAFFIN ELMER E M (Reg.No:20213092506215) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani M.Sc, M.Phil., M.Tech (Head of the Department)

Dr.P. Raajan

MCA., M.Phil., Ph.D.



(Project Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode on. 03 05 2023

Mn 03/08/2023



DEMOSAICING WITH DIRECTIONAL FILTERING AND BAYERS PATTERN

PROJECT REPORT

Submitted by

K. PRADEESHA

(Reg. No. 20213092506216)

in partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Under The Guidance Of

Dr. N. G. Nageswari Amma, MCA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI - 627 012) THIRUVITHANCODE - 629 174

APRIL-2023



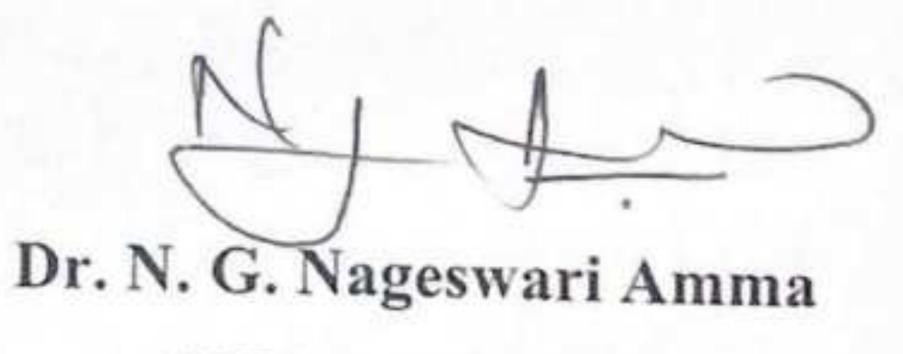


PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE -629174

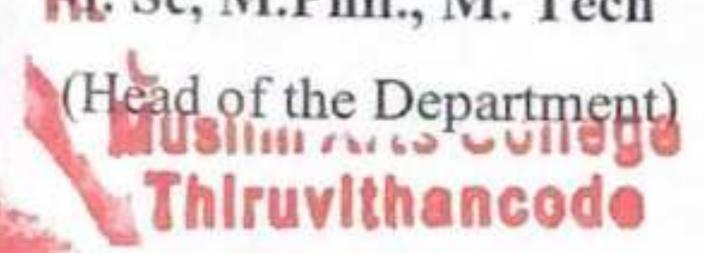
BONAFIDE CERTIFICATE

This is to certify that the project entitled "DEMOSAICING WITH DIRECTIONAL FILTERING AND BAYERS PATTERN" is a bonafide record of the work done by K. PRADEESHA (Reg.No:20213092506216) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani M. Sc, M.Phil., M. Tech



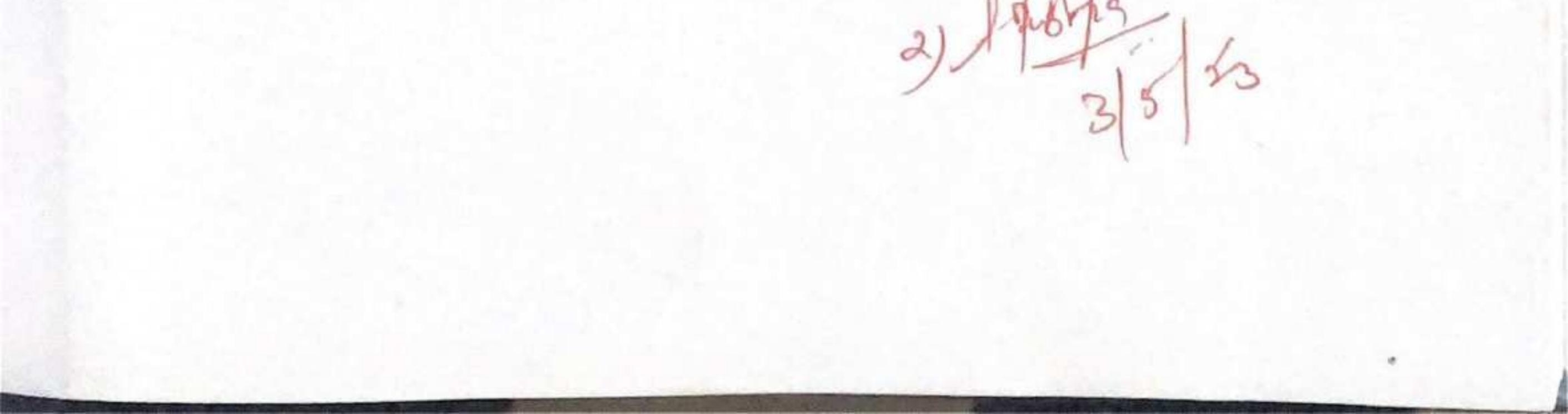
MCA., M.Phil., Ph.D.



(Project Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode on

1) pm 03/08/2023



COTTON DISEASE DETECTION USING TENSOR FLOW MACHINE LEARNING TECHNIQUE **PROJECT REPORT**

Submitted by **R ROSY** (Reg. No. 20213092506217)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN **COMPUTER SCIENCE**

Under the guidance of Dr. A YESU RAJA, MCA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF **COMPUTER SCIENCE** MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE - 629 174





PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANARUNIVERSITY, TIRUNELVELI-627 021) THIRUVITHANCODE - 629 174

BONAFIDE CERTIFICATE

This is to certify that the project entitled "COTTON DISEASE DETECTION USING TENSOR FLOW MACHINE LEARNING TECHNIQUE" is a bonafide record of the work done by R ROSY (Reg.No:20213092506217) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

AF

Dr. A. YesuRaja

MCA, M.Phil, Ph.D.

Mrs.A.Pushpa Athisaya Sakila Rani

M.Sc,M.Phil,M.Tech.

(Head of the Department of Head of the Department of Computer Science Muslim Arts College Submitted Torwilla roce Examination held at Muslim Arts College Thiruvithancode on

3.5. 2023.

External Examiner 1. pm 03/05/2023 2. J. Public

REAL TIME DRIVER DROWSINESS DETECTION WITH ALERT SOUND

PROJECT REPORT

Submitted By C.SAHEESH KUMAR

(Reg. No. 20213092506218)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE

Under the guidance of **Dr. Felsia Thompson, MCA., M.Phil., Ph.D**.



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFLIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 012) THIRUVITHANCODE - 629 174





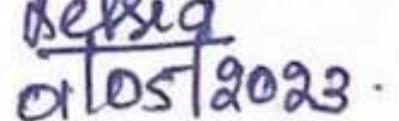
PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE **MUSLIM ARTS COLLEGE** (AFFLIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 012) THIRUVITHANCODE-629 174.

BONAFIDE CERTIFICATE

This is to certify that the project entitled "REAL TIME DRIVER DROWSINESS DETECTION WITH ALERT SOUND" is a bonafide record of the work done by C.SAHEESH KUMAR (Reg.No.: 20213092506218) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani Head of the Department of (Head of the Department)

110



Dr. Felsia Thompson, MCA., M.Phil., Ph.D

(Project Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode on

..03/05/2023

External Examiner 1. pm 03/08/2029 2. Appla 5/50

UNDERWATER IMAGE ENHANCEMENT BY REVISED UNDERWATER IMAGE FORMATION MODEL

PROJECT REPORT

Submitted by

S SANTHIYA

(Reg. No. 20213092506219)

Under the guidance of Dr. A YESU RAJA, MCA, M.Phil., Ph.D.

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 021) THIRUVITHANCODE - 629 174 APRIL-2023





PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFILIATEDTOMANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI-627 021) THIRUVITHANCODE - 629 174

BONAFIDE CERTIFICATE

This is to certify that the project entitled "UNDER WATER IMAGE ENHANCEMENT BY REVISED UNDERWATER IMAGE FORMATION MODEL" is a bonafide record of the work done by S SANTHIYA (Reg.No:20213092506219) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani M.Sc,M.Phil,M.Tech.

Dr. A. Yesu Raja

MCA, M.Phil, Ph.D.

(Head of the Department) Head of the Department of Computer Science Muslim Arts College

(Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode on

03-05-2023

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WHEATHER BASED CROP PREDICTION IN INDIA USING BIG DATA ANALYTICS

PROJECT REPORT

Submitted By

S.SANTHIYA

(Reg. No. 20213092506220)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE

UNDER THE GUIDANCE OF

Dr. NEGESWARI AMMA, MCA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF

COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY,

TIRUNELVELI-627 012)

THIRUVITHANCODE-629 174

APRIL 2023



PG AND RESEARCH

DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI)

THIRUVITHANCODE-629 174

BONAFIDE CERTIFICATE

This is to certify that the project entitled "WHEATHER BASED CROP PREDICTION IN INDIA USING BIG DATA ANALYTICS" is a bonafide record of the work done by S.SANTHIYA(Reg.No.:20213092506220), who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of my other project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani

M.Sc., M.Phil., M.Tech

(Head of the Department) Head of the Department of Computer Science Muslim Arts College Thiruvithancode Dr. Nageswari Amma N.G., MCA.,M.Phil.,Ph.D. (Project Guide)

Submitted for viva-voce Examination held at Muslim Arts College

Thiruvithancode on .. 3 -. 5 -. 2013.

External Examiner 1. pm 03/05/2023 2. Apusto 1/23

IMAGE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK(CNN)

AND TENSORFLOW

PROJECT REPORT

Submitted By

M.SAPNA

(Reg. No. 20213092506221)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN **COMPUTER SCIENCE**

UNDER THE GUIDANCE OF

Dr. FELSIA THOMPSON MCA., M.Phil., Ph.D.



PG AND RESEARCH DEPARTMENT OF

COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY,

TIRUNELVELI-627 012)

THIRUVITHANCODE-629 174

APRIL 2023



PG AND RESEARCH

DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629 174

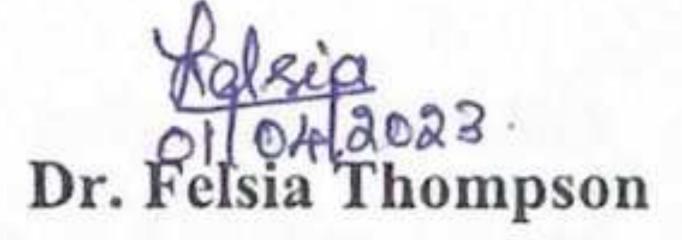
BONAFIDE CERTIFICATE

This is to certify that the project entitled "IMAGE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK(CNN) AND TENSORFLOW" is a bonafide record of the work done by M. SAPNA (Reg.No.:20213092506221), who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of my other project on the basis of which a degree or

award was conferred on an earlier occasion on this or any other candidate.

Mrs. A. Pushpa Athisaya Sakila Rani

Head of M.Sc., MuPhila, MfTech Computer Science (Head of the Department)ge Thiruvithancode/



MCA., M.Phil., Ph.D.

(Project Guide)

Submitted for viva-voce Examination held at Muslim Arts College Thiruvithancode on. 03.-05.-2023



STEGNOGRAPHY

PROJECT REPORT

The project report submitted to the Manaonmantano Sundaramar University. In

partial Fublilment of the Requirement for the Degree of

Master of Science in Computer Science

Dim: by ABITHA T (20213092596293)

Under the guidance of

Dr.P.RAAJAN MCA,M.Phil.PhD



DEPARTMENT OF PG COMPUTER SCIENCE.

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANGAM SUNDARAWAR UNIVERSIT TIRUNGLY CLD

November 2022



MUSLIM ARTS COLLEGE

A MERCERPETER RELATIONSHIPS AND ADDRESS OF ADDRESS OF THE OWNER OWNER OF THE OWNER OWNE THEMENUELIE THREE Y PROMOTION AND A 124 Y

BONAFIDE CERTIFICATE

This is its certify that the project entitled "PHARMACY MANAGEMENT SYSTEM" is a honalide record of the work done by E. M PAFFIN ELMER (Reg.Nu:20213092506215) who carried out the work under my supervision. Certified further that to the best of myknowledge the work reported herein does not firm part of any other project. on the basis of which a degree or award was conferred on an sarlier occasion on this or any other candidate.

skile Runi W.by, W.Phil, M. Tooli A.Pashpit, 47 ad philes Repetitions, of Computer Science Mustile Arts College Thingwittencode

Ser. T. Jacoraj M.S.

(Project Online)

Salimitted for viva-voce Examination held at Muslim Arts College

Thiryvithancode on

PHARMACY MANAGEMENT SYSTEM PROJECT REPORT

SERMITTED BY E. M PAFFIN ELMER (Reg. No. 20213092506215)

UNDER THE GERMANCE OF Dr. T. JAVARAJ M.Sc., M.Phil., Ph.D.

in partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN

COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629 174 NOVEMBER 2022 ñ,



(AFFILIATED TOMANONMANIAM SUNDARANAR UNIVERSITY, THUNDARD, VILL) THREWITH ANCODE - 829-174

BONAFIBE CERTIFICATE

This is is certify that the project southed **BEAUTY PARLOUR MANAGEMENT SYSTEM**⁴ is a bonafide record of the work does by **H. ROSY** (**Reg.No.:28213092566217**) who correct out the work under my supervision. Certified further that to the best of my knowledge the work reported here an data not, form part of any other project on the basis of which a degree or award was confirmed on an earlier accasion on this or any other sandidare.

Mrs.A.Pushpa Athisaya Sakila Rani M.Sc.M.Phil, M.Tech.

(Head of the Department of Head of the Department of Busilies Arts College Thruetthan code

Submitted for viva-our Examination hold of Muslim Arts College Thiruvithancode on

24-11-2022





BEAUTY PARLOUR MANAGEMENT SYSTEM

PROJECT REPORT

XUBMITTED BV

R. ROSY (Reg. No. 20213092506217)

Under the guidance of Mrs.A.Pushpa Athisaya Sakila Rani M.Se, M.Phil, M. Tech.

in partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN

COMPUTER SCIENCE



DEPARTMENTOF COMPUTER SCIENCE MUSLIM ARTS COLLEGE

LAFFULIATED TO MANONMANIAM SUNDAILANAR UNIVERSITY.

TIRUNELVELI) THIRUVITHANCODE - 629 174 Nov-2022



DEPARTMENT OF COMPUTER SCIENCE MUNLIM ARTS COLLEGE IAFFRITATED TO MANOSMANIAM MUNDARANAR UNIVERSITY, DRUGHTNELL-R21107, THRUNTHANCIDE - 429-174

BONAFIDE CERTIFICATE

This is to certify this the project untitled "FARMER ONLINE SHOPPING" is a boundide means of the work time by 5 SANTHEVA (Reg.No.:29213092506219) who arened out the 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 project on the basis of which a degree or award was conferred on an earlier measurement this or any other candidate.

Mrs.A.Pashpa Athbaya Sakila Rasi M.Sc.M.Phil.M.Letis Bind of the Department

200.00

KV SIVA RAJ MCA, MPhil (fraile)

Surfamiltund for vice-voor Examination held at Maulias Arts College Thiravithammile on

External Laan

SMART CITY PROJECT REPORT

SUBMITTED RF S.SANTHIYA (Reg. No. 20213092506220)

UNDER THE GUIDANCE OF DET_JAYARAJ, M.Sc., M.Phil.Ph.D (Assistant Professor)

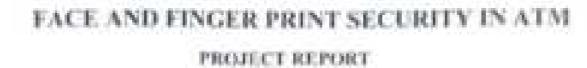
in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629 174 NOVEMBER 2022



SUBMITTED RY K. PRADEESHA (Reg. No. 20213092506216)

UNDER THE GUIDANCE OF Mrs. A. PUSHPA ATHISAYA SAKILA RANI M.Sc., M.Phil., M. Tech

in partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN

COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE (AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629 174 NOVEMBER 2022



INIVERSITY, THE NELVELD THIRLYTTHANCODE-629 174

BONAFIDE CERTIFICATE

This is scientify that the project emoted "FACE AND FINGER PRINT SECURITY IN ATM" is a bounded meeted of the work done by KPRADEESHA(Reg.No.2021/09/2596216) who cannel out the work under try separation. Certified further that to the best of my knowledge the work reported here in down not firm part of any other project on the basis of which 4 degree or event was conformed on an earlier receasion on this or any other candidate.

Mrs. A. Pushpa Albinga Sakila Rani M.Sc., M.Phil., M. Tech

Submitted for vira-voce Examination hold at Muslim Arts College

Directitaneade en 23 11.2022



FARMERS ONLINE SHOPPING

Submitted by

S SANTHIYA (Reg. No. 20213092506219)

Under the guidance of K.V SIVA RAJ ,MCA,M.Phil

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(APTILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TRUNELVELI) THRUVITHANCODE < 629 174

APRIL-2023





(ATTILIATED TO MANONMANEAM SUNDARANAR UNIVERSITY, THEOREM VELT THRUNTHANCODE 429-174

BONAFIDE CERTIFICATE

This is to certify that the project unitled "SMART CITY" is a benafide record of the work done by S.SANTHIYA (Reg.Na.:20213092506220)who startied out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mirs. A. Punhan Athingto Sakila Rant Mar., M.Pon., M. You.

Mustim Arts College

Br.I. favorai, M.S. (ithight grade)

Submitted for the self Examination hold at Muslim Arts College

Thirwithancede on .84-11-2982

External Examiner

ONLINE DOCTOR APPOINTMENT PROJECT REPORT

SURMITTED BY

S. K. MISHA

(Reg. No. 20213092506214)

CADER THE GUIDANCE OF

Dr. T. JAYARAJ M.Sc., M.Phil., Ph.D.

in partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN

COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629 174 NOVEMBER 2022



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THUSING VELO DEBUYIDHARCOER-629 (TE-

BONAFIDE CERTIFICATE

This is to certify that the project entitled "ONLINE DOCTOR APPOINTMENT" is a bonafide record of the work done by S. K. NISHA (Reg.No.:20213092506214) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported benein does not form part of any other project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A.Fasikpe Atkings Sakits Hass MrNe, M.Pint, M.Tuch

Competer Science Mustin Arts College

Dr. T. Jacorni M.No. 16. Philip

(Propert Gasile)

Submitted for West Will PSR Bration held at Muslim Arm College

External Examiner

ONLINE SHOPPING HOME APPLIANCES

PROJECT REPORT

LV.JINETHA

(Reg. No. 26213092506212)

UNDER THE DERIVATOR OF Dr.N.G.Nagewark Amora MCA:M.PhiliPh.D (Assistant Professor)

in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE.



DEPARTMENT OF COMPUTER SCIENCE.

MUSLIM ARTS COLLEGE

CAFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNFLMFLI) THIRU VITHANICODE-629 174 NOVEMBER 2022



UNITED TO MANONALINEAR RESIDERNAR DESIGNARY AND ENDERSTEE TRUNED VELTER DIRECTORIES AND RESIDER AND THE

BONAFIDE CERTIFICATE

This is to certify that the project entitled "SMART ORPHANGE HELPING SYSTEM" is a bonafide record of the work shore by MELFIA LIS S (Reg. No:20213092506213) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other project on the basis of which a degree or award was conferred on an earlier occusion on this or any other candidate.

and M.Sc. M.Phill M.Taulo

Musice Arts College Thiravillangedg

P. 19. A

iPrijnit Guide)

Submitted for viva-voce Examination held at Muslim Arts College

Thiravithanzade on 24thal

External Examiner

EFFICIENT REVOCABLE MULTI-AUTHORITY ATTRIBUTE BASED ENCRYPTION FOR CLOUD

STORAGE

PROJECT REPORT

A. HANSHA (Reg. No. 20213092506211)

UNDER THE GUIDANCE OF Dr. P. RAAJAN MCA., M.Phil, Ph.D.

in parsial fulfillment for the award of the degree of

MASTER OF SCIENCE IN

COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629 174 NOVEMBER 2022



(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629 174

BONAFIDE CERTIFICATE

This is to certify that the project entitled "EFFICIENT REVOCABLE MULTI-AUTHORITY ATTRIBUTE BASED ENCRYPTION FOR CLOUD STORAGE" is a bonafile record of the work done by A.HANSHA (Reg.No.:20213092506211) who carried out the 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 project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mrs. A.PUSHPA ATHISAVA SAKILA RANI Dr. P. RAAJAN M.Se., M.Phil., M. Tech MCA., M.Phil., Ph.D. (Project Galle) Reason Acts College + Thirus/Dascodes Submitted for structory Examination held at Muslim Acts College

Thiruvithancedr on .24_11...202.2.

External Examiner



BONAFIDE CERTIFICATE

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Muslim Arts College

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SMART ORPHANGE HELPING SYSTEM PROJECT REPORT

SUMMITTER AT

MELFIA LISS

(Reg. No. 20213092506213)

UNDER THE GUIDANCE DF

Dr. P. RAAJAN MCA., M.Phil., Ph.D.

in partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN

COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

TAFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELD THIREVITHANCODE-629 174 NOVEMBER 2022



ONLINE PET SHOP PROJECT REPORT

T. GOWRI

(Reg. No. 20213092506210)

ENDER THE GUIDANCE OF

Dr. T. JAVARAJ M.Sc., M.Phil., Ph.D.

in partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN

COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE.

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THURUVITHANCODE-629 174 NOVEMBER 2022



THEFT INTED TO MANONMANIAM MINDARANAR UNIVERSITY. THEORY VELTE THERE WITH AN CODE-429 174

BONAFIDE CERTIFICATE

This is to certify that the project initial "ONLINE PET SHOP" is a bonafide record of the work done by T. GOWHI (Reg.No.:20213092506210) who carried out the work under my repervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other project on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Mire: 4. Pyphpu Arkitacyu Sakila Basi: M.Sc. M.Pkil, M.Tack-Computer Science Mirette Arts College Submitted for vible Waitifustion held at Mostlin Arm College

Dr. T. Frents M.A.

(Project Guides

External Examiner



CATTILIATED TO MANONMANDAM SUNDARANAB UNIVERSITY, THUNELVELD THIRLYITHANCODE-629 174

BONAFIDE CERTIFICATE

This is to servicy that the project entitled "LAW AND ORDER SYSTEM" is a bonalide record of the work done by V.E. DAMINY (Reg.Nat.20213052506288)who carried out the work under my supervision. Certified forther that to the best of my knowledge the work reported here in does not form/part of any other project on the basis of which a degree or award was confirmed on as earlier occasion on this or any other candidate.

Mary R. Partick with Part, W. Toris arak an inagan Congetter Science Fuellin Arts College Thiruwithaocode /

and contemp Mill Actil, Physical III, 10 Phy. Will, Pulpe ("Broket Guide)

Submitted for viva-voce Extinuation held at Muslim Arts College

Thieurithuncode un . 29:2.11 . 2922.

External Examiner.





EXPERIMENTED DEMENSIONNERSERVER

SUNDARANAR UNIVERSITY THRENES WELTE THREWITHANGODE 629 174

BONAFIDE CERTIFICATE

This is to certify that the project constant, "BLOOD BANK MANAGEMENT SYSTEM" is a boundeder recorded the work done by J.BENCIR JOP (Reg.Nat/10213092506207) where arrest out the work under its supervision 4 certified further that to the field of imknowledge the work reported heritic does not form pair of any other project.

on the basis of which a degree or an unit was confirmed on set coeffice occasion.

on this or any other candidate

Mary & Penning Athenatics Statility Burnet Sciences Stations.

(Flood of the Prepartment)

(Propert Chailer)

Submitted for standard Exemination field of Maslins Arts College Distancial on the second sec





LAW AND ORDER SYSTEM

PROJECT REPORT

SUBMITTED BT V.E DAMINY (Reg. No. 20213092506208)

Dr.N.G.Nageswari Amma MCA:M.Phil;Ph.D (Assistant Professor)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629 174 NOVEMBER 2022

BLOOD BANK MANAGEMENT SYSTEM PROJECT REPORT

J BENCIR JOE (Reg. No. 20213092506207)

Under The Guidance Of

Dr. N.G.NAGESWARI AMMA MCA, M.Phil., Ph.D.

in partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN

COMPUTER SCIENCE.



DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

CAFFILIATED TO MANONMANIAM SUNDARANAR

UNIVERSITY, TIRUNELVELD

THIRLIVITIEANCODE-629 174

NOVEMBER 2022



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BONAFIDE CERTIFICATE

This is to certify that the project emitted "RTX INFORMATION NUMBER 7 is a bomafule encored of the work done by RUNNI NEARING, No.2621APR25062050636 carried out the work lander im represented to emitted further that to the best of my knowledge the work imported here in does not form part of any other projection the basis of which a degree of award was confirmed on an earlier occasion on this or any other coulders

Mrs. 5. Pashpia Athinaya Nakita Rani M.Sc., M.Phit., M. Feeh

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Colornal Examples

RTA INFORMATION SYSTEM

PROJECT REPORT:

R.ANUSHA Reg. No. 20213092506205)

NUSA, A. PUSHPA ATHINAYA SAKILA RANUM.Se., M.Phil., M. Tech

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE.



DEPARTMENT OF COMPUTER SCIENCE.

MUSLIM ARTS COLLEGE

CAFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNFLVELD THURUVITHANCODE-629 174 509VEMBER 2022



(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, THUNELVELI) THIRUVITHANCODE - 629 174

BONAFIDE CERTIFICATE

This is in excitiv that the posject strilled "STUDENT RESULT MANAGEMENT SYSTEM" is a bosofide second of the work area by M.R. ARUN KUMAR (Reg.No.:202233092506206) who cantiod out the work inter my supervision. Certified further that to the best of my knowledge the work sported here in does not form part of any other project on the basis of which a degrae ar award was conferred on an earlier occasion on this or any other candidate.

to M Phil M. Tash. A PROTECTION OF

Dr. P. HAADON MCAMPELPED.

(Preject Guide)

Submitted for sive-voce Examination held at Muslim Arts College Thiravilliancode on

Esternal Examiner

STUDENT RESULT MANAGEMENT SYSTEM

PROJECT REPORT

M. R ARUN KUMAR (Reg. No. 20213092506206)

Under the guidance of Dr. P. RAAJAN MCA, M.Phil., Ph.D.

in partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN

COMPUTER SCIENCE.



DEPARTMENTOF COMPUTER SCIENCE MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARAMAR UNIVERSITY.)

THRUNELVELI) THIRUVITHANCODE - 629 174 Nov-2022



(AFTILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELD THIRUVITHANCODE-629 174

BONAFIDE CERTIFICATE

This is to settidy that the project entitled "ONLINE VOTING SYSTEM" is a bonafide recent of the work done by K.S.AABITHA HANU (Bog, So. 20213092506201) who carried out the work under my inpervision. (em/field further that to the best of my knowledge the work reported here in doos not horn part of any other project on the bosis of which a degree or await was conferred on an earlier occasion on this or any other candidate.

M.N. M. Phil, M. Tech.

Mr. K. V. SIVARAJ MCA., M.Phil. (Projectionile)

Submitted for visa-noce Examination held at Muslim Acts College

Thiravithancode on 28 14 2022

studies lyis College

sternal Examiner



PROJECT REPORT

K.S.AABITHA BANU (Reg. No. 20213092506201)

ENDER THE GETDANCE OF Mr. K. V. SIVARAJ MCA., M.Phil.

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIBUNELVELI) THIRUVITHANCODE-629 174 NOVEMBER 2922

Department of Computer Science

Muslim Arts College

(Affiliated to Manonmanium Sandaranar University, Tirunclosh).

Thiruvithancodr-629174.



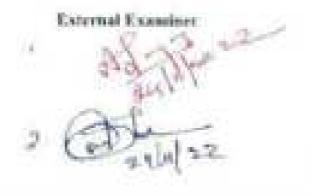
BONAFIDE CERTIFICATE

This is to certify that the project entitled "STEGANOGRAPHY" is a localide record of the work done by ABITHA T (20213092506203), During the academic year 2021-2023 in partial fulfilment of the degree of Master of Science in Computer Science.

IN PRACTICE MEANING THE

Mey, A. Pushgu Athlanya hikila Bani, M.Se, M.Fiel, M.Torb 9

Head of the Department of Computer Sulance Muslim Arts College Thiruvithanced (Peijat Dado)



ONLINE FOOD ORDERING MANAGEMENT

SYSTEM

PROJECT REPORT

M.SAPNA (Reg. No. 20213092506221)

MIN. A. PUSHPA ATHINAYA SAKILA RANI M.Sc., M.Phil., M. Teth

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE



DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

(AFFILIATED TO MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI) THIRUVITHANCODE-629 174 NOVEMBER 2022



CATTELECTED TO MANOMALINDIA SUMDARASIAN UNIVERSITY, TRUNKLYDL), THELIVITHANCODE 429 ITS

BONAFIDE CERTIFICATE

This is is sentily that the project settiled "COLLINE FOOD ORDERING MANAGEMENT AYSTEM" is a bouafide roomd of the work time by M. SAPTNA(Hog Nn.:28213092506221) who carried out the work under my supervision. Cartified further that to the best of my knowledge the work reported here is does not frem part of any other project on the basis of which a degree or sward was confirred on an matter opcomion or this or any other candidates.

> Mrs. A. Pushpa Athinaya Sakila Rani M.Sc., M.Phil., M. Tech Health and Department of Health and Department of Health and Department of

Submitted for vita-vers Examination held of Modilin Arts College hiravithancode on 22, 11, 2022.



IMAGE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK(CNN) AND TENSORFLOW PROJECT REPORT

National By M. SAPNA (Reg. No. 20213092506221)

in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN COMPUTER SCIENCE

Dr. FELSIA THOMPSON MCA., M.Phil, Ph.D.



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

MUSLIM ARTS COLLEGE

I SPELLATED TO MANDAMANIAM DUMEANAN UNIVERSITY.

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APRIL 2023



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE MUSERM ARTS COLLEGE (APPELIATED TO MANORMANIAM MENDARAMAN ENVERIETY, TREMELVEL)

THERE YTHANCODE 629 FM

BONAFIDE CERTIFICATE

This is to extilly that the project antitled "IMAGE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORK(CNN) AND TENSOHFLOW" is a broatide record of the work done by M. SAPNA (Reg.No.:20213092506221), who marted out the work under my supervision. Certified thether that so the best of my knowledge the work important here in does not form part of my other project on the basis of which a degree or meand was conferred on an earlier meaning on this or any other candidate.

Mrs. A. Pullips Athinaya Sakila Rant Hisad of the Department of Hisad of the Department of Hisad Computer Department of Hisad Thiravithancools Dr. Falsis Thompson MCA_M.Phil.Ph.D. (Project Guide)

External Examilar