DEEP LEARNING PREDICTION OF ADVERSE DRUG REACTION ANALYSIS USING ARTIFICIAL NEURAL NETWORK MODEL

A THESIS

Submitted by

SARATHKUMAR R. (19CAR03)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION IN DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

(Autonomous)
(Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022

GINEERIA CONTRACTOR (AUTONOMOUS) CO ERODE-52

(Autonomous) (Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "DEEP LEARNING PREDICTION OF ADVERSE DRUG REACTION ANALYSIS USING ARTIFICIAL NEURAL NETWORK MODEL" is the bonafide work of SARATHKUMAR R. (19CAR03) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date Dr. E.K. VELLINGIRI RAJ, M.E., Ph.D., HEAD OF THE DEPARTMENT, Department of Computer Applications, Nandha Engineering College, Erode-638052.

Ms. K.E.ESWARI, M.C.A., M.Phil., M.E., SET Associate Professor, Department of Computer Applications, Nandha Engineering College, Erode-638052.

Submitted for Project and Viva-Voce Examination held on 15 06 2002





Optech Software India (P) Ltd

Date

23.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Mr.R.SARATHKUMAR (Reg.No:20CAR03), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "DEEP LEARNING PREDICTION OF ADVERSE DRUG REACTION ANALYSIS USING ARTIFICIAL NEURAL NETWORK MODEL" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

A. Dust

Project Manager

OPTECH SOFTWARE INDIA PRIVATE LTB 399,SHANMUGAM STREET, RAMANATHAPURAM, OPP TO NILGIRIS, COIMBATORE.

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PRINCIPAL, NANDHA ENGINEERING COLLEGE (AUTONOMOUS)

ERODE - 638 052.

PHISHING PAGE AND MALICIOUS URL DETECTION VIA SUPPORT VECTOR MACHINE USING PAGE LAYOUT FEATURE

A THESIS

Submitted by

SAVITHA G. (Reg No. 20CAR12)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

(Autonomous) (Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)
(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "PHISHING PAGE AND MALICIOUS URL DETECTION VIA SUPPORT VECTOR MACHINE USING PAGE LAYOUT FEATURE" is the bonafide work of SAVITHA G. (20CAR12) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date

Dr. E. K. Vellingiriraj,

Professor and Head,

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

Signature of the SUPERVISOR with Date

Dr. E. K. Vellingiriraj,

Professor and Head,

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

Submitted for the Project Viva-Voce examination held on 15.06.2022

L. Nob 1612 Internal Examiner

External Examiner



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XPRESS Technology India

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23.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Ms.G.SAVITHA (Reg.No:20CAR12), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed her final year project in our concern. Entire resource provided regarding this project, named "PHISHING PAGE AND MALICIOUS VRL DETECTION VIA SUPPORT VECTOR MACHINE USING PAGE LAYOUT FEATURE" in our organization during the period from January 2022 to May 2022.

During this project period her performance was good. We wish her all the best for a successful Future.

Project Manager



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Mail: xpresstecpro@gmail.com



NANDHA ENGINEERING CULLEGE (AUTONOMOUS) ERODE - 638 052.

EFFICIENT AUDITING SCHEME FOR SECURE DATA STORAGE IN FOG TO CLOUD COMPUTING

A THESIS

Submitted by

THASLEEMA NASREEN. D (Reg No. 20CAR16)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

(Autonomous) (Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous) (Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "EFFICENT AUDITING SCHEME FOR SECURE DATA STORAGE IN FOG TO CLOUD COMPUTING" is the bonafide work of THASLEEMA NASREEN. D (20CAR16) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Dr. E.K. VELLINGIRIRAJ,

Professor and Head,

Department of Computer Applications

Nandha Engineering College,

Erode - 638052.

Signature of the SUPERVISOR with Date

Dr. E.K. VELLINGIRIRAJ,

Professor and Head.

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

Submitted for the Project Viva-Voce examination held on 15 | 06 | 2022

Internal Examiner 16.6.22

M. flor External Examiner





VRG Complex, Thadagam Road, Edayarpalayam, Coimbatore 9500628006 cs.globus@gmail.com

DATE: 21.05.2022

PORJECT COMPLETION LETTER

This is to certify that the student Ms. THASLEEMA NASREEN D (Reg.No : 20CAR16) from the department of master computer application studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS), Perundhurai, Erode, has successfully completed her final year project in our concern. Entire resource provided regarding this project, named "EFFICIENT AUDITING SCHEME FOR SECURE DATA STORAGE IN FOG TO CLOUD COMPUTING" in our organization during the period from JAN 2022 to MAY 2022.

During this project her performance was good. We wish her all the best for a successful in future.





IDENTIFICATION OF COVID-19 FUTURE FORECASTING

A THESIS

Submitted by

MOHAMED ALI JINNA.M (Reg No. 20CAR22)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

(Autonomous) (Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous) (Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "IDENTIFICATION OF COVID-19 FUTURE FORECASTING" is the bonafide work of MOHAMED ALI JINNA.M (20CAR22) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Dr. E.K. VELLINGIRIRAJ,

Professor and Head.

Department of Computer Applications

Nandha Engineering College,

Erode - 638052.

Dr. E.K. VELLINGIRIRAJ.

Professor and Head.

Department of Computer Applications

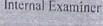
Nandha Engineering College,

Erode - 638052.

Submitted for the Project Viva-Voce examination held on 15/06/2022

T.f. d. 21 - 6:15.1.22

w. 8/18/1/2 External Examiner







VRG Complex, Thadagam Road, Edayarpalayam, Coimbatore 9500628006 cs.globus@gmail.com

DATE: 20.05.2022

PORJECT COMPLETION LETTER

This is to certify that the student Mr. MOHAMED ALI JINNA. M (Reg. No: 20CAR22) from the department of master computer application studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS), Perundhurai, Erode, has successfully completed her final year project in our concern. Entire resource provided regarding this project, named "IDENTIFICATION OF COVID 19 FUTURE FORCASTING" in our organization during the period from JAN 2022 to MAY 2022.

During this project her performance was good. We wish her all the best for a successful in future.

AUTHORIZED SIGNATORY



LIVE SOCIAL DISTANCING DETECTION USING DEEP LEARNING MODEL

A THESIS

Submitted by

SHANMUGA PRIYA G. (Reg No. 20CAR24)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

(Autonomous)
(Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)
(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "LIVE SOCIAL DISTANCING DETECTION USING DEEP LEARNING MODEL" is the bonafide work of SHANMUGA PRIYA G. (20CAR24) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date

Dr. E. K. Vellingiriraj, M.E., M.B.A., Ph.D.,

Professor and Head,

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

Signature of the SUPERVISOR with Date

Dr. E. K. Vellingiriraj, M.E., M.B.A., Ph.D.,

Professor and Head,

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

Submitted for the Project Viva-Voce examination held on 15.06-2022

Internal Examiner K.b. 22

m. J. K. K. K. Z. External Examiner





FALCON INFOTECH

140-c, 2nd Floor, Ponmani Tower, Avarampalayam Road, New Sidhapudur, Coimbatore- 641 044

Date:				••		••	 •••	
	20.	05	5.	21	02	22		

PROJECT COMPLETION LETTER

This is to certify that the student Ms.G.SHANMUGAPRIYA (Reg.No:20CAR24), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed her final year project in our concern. Entire resource provided regarding this project, named "LIVE SOCIAL DISTANCING DETECTION USING DEEP LEARNING MODEL" in our organization during the period from January 2022 to May 2022.

During this project period her performance was good. We wish her all the best for a successful Future.

Project Manager



Mob: 7397183676, Web: falconinfotec.in

Mail: falconinformationtech@gmail.com



AUTOMATIC MOVABLE ARM ROBOT USING ARDUINO

A THESIS

Submitted by

DHARMARAJ R (20CAR04)

In partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACTULTY OF INFORMATION AND
COMMUNICATION ENGINEERING
NANDHA ENGINEERING COLLEGE
ERODE 638052

(Autonomous)

(Affiliated to Anna University, Chennai)

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "AUTOMATIC MOVEABLE ARM ROBOT USING ARDUINO" the bonafide work of DHARMARAJ R (20CAR04) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date

Dr. E.K. VELLINGIRIRAJ, M.E., Ph.D.,

Professor and Head.

Department Of Computer Applications,

Nandha Engineering College,

Erode 638052.

2415/22

Signature of the SUPERVISOR with Date

Mr. S. SAMBASIVAM, M.C.A., M.Phil.,

Supervisor,

Professor,

Department Of Computer Applications,

Nandha Engineering College,

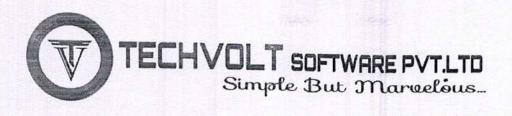
Erode 638052.

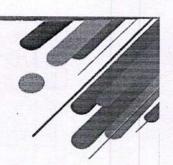
Submitted for the project Viva-Voice examination held on .15-06-22.

INTERNAL EXAMINER

EXTERNAL EXAMINER







Date:21/05/2022

TO WHOMSOEVER IT MAY CONCERN

This is to inform you that Mr.Dharmaraj R (Reg.No.20CAR04) student of MCA, Nandha Engineering College(Autonomous), Erode has successfully completed his internship project work in "IoT" at our company from January 2022 to May 2022. During the period he entitled his project work "Automatic Movable ARM ROBOT using Arduino".

During the internship period his performance found to be good and satisfactory.

With Regards,

For Techvolt Software Pvt.Ltd

NR Manager

PRINCIPAL,
NANDHA ENGINEERING COLLEGE
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ERODE - 638 052.

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MARKET BASKET ANALYSIS

A THESIS

Submitted by

NANDHINI N (20CAR10)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

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ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "MARKET BASKET ANALYSIS" is the bonafide work of NANDHINI N (20CAR10) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Dr. E.K. Vellingiriraj, M.E., Ph.D.,

Professor and Head.

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

gon bandang/6/22

Signature of the SUPERVISOR with Date

Mr.S. Sambasivam, M.C.A., M.Phil.,

Supervisor,

Professor,

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

Submitted for the Project Viva-Voce examination held on 15/06/2022

Internal Examiner

15-6-22

PRINCIPAL. NANDHA ENGINEERING COLLEGE (AUTONOMOUS)

ERODE - 638 052.





Optech Software India (P) Ltd

Date

21.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Ms.N.NANDHINI (Reg.No.20CAR10), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed her final year project in our concern. Entire resource provided regarding this project, named "MARKET BASKET ANALYSIS" in our organization during the period from January 2022 to May 2022,

During this project period her performance was good. We wish her all the best for a successful Future.

A. Dri

Project Manager

GPTECH SOFTWARE INDIA PRIVATE LTB 399, SHANMUGAM STREET, RAMANATHAPURAM, OPP TO NILGIRIS, COMBATORE.

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H.O: Coimbatore.

3 O. Trichy, Chennai, Madurel

FRINCIPAL

NANDHA ENGINEERING COLLEGE (AUTONOMOUS) ERODE - 638 052,

SIGNIFICANT PERMISSION IDENTIFICATION FOR ANDROID MALWARE DETECTION

A THESIS

Submitted by

SANTHOSH KUMAR V (Reg No. 20CAR11)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

(Autonomous)

(Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "SIGNIFICANT PERMISSION IDENTIFICATION FOR ANDROID MALWARE DETECTION" is the bonafide work of SANTHOSH KUMAR V (20CAR11) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date

Signature of the SUPERVISOR with Date

Dr. E. K. Vellingiriraj, B.E., M.B.A., Ph.D.,

Mr. S. Sambasivam, MCA., M.Phil,

Professor and Head,

Supervisor,

Department of Computer Applications,

Professor,

Nandha Engineering College,

Department of Computer Applications,

Erode - 638052.

Nandha Engineering College,

Erode - 638052.

Submitted for the Project Viva-Voce examination held on 15-06-2022

Internal Examiner

Ob irthen

External Examiner





XPRESS Technology India

347-D2, SLI Complex, 3rd Floor, 7th street, Gandhipuram, Coimbatore, Tamilnadu, IN - 641012, Ph:9791930199

Date.....

20.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Mr.V.SANTHOSH KUMAR (Reg.No:20CAR11), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "SIGNIFICANT PERMISSION IDENTIFICATION FOR ANDROID MALWARE DETECTION" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

Project Manager



Meno

PRINCIPAL

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xpresstechnology.in
Mail: xpresstecpro@gmail.com



REDUCED ENERGY CONSUMPTION OF DATA TRANSMISSION FOR TCP DOWNLOAD/UPLOADS A THESIS

Submitted by

SURIYA SUGAN S (20CAR15)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION
IN
DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

(Autonomous) (Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "REDUCED ENERGY CONSUMPTION OF DATA TRANSMISSION FOR TCP DOWNLOAD/UPLOADS" is the bonafide work of SURIVA SUGAN S (20CAR15) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Dr. E.K. VELLINGIRI RAJ, M.E., Ph.D.,

Professor and Head.

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

mbanivam 24/5/22

Signature of The SUPERVISOR with Date

Mr.S. SAM. BASIVAM, M.C.A., M. Phil.,

Supervisor,

Professor,

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

Submitted for Project and Viva-Voce Examination held on 15 106 | 2022





XPRESS Technology India

347-D2, SLI Complex, 3rd Floor, 7th street, Gandhipuram, Coimbatore, Tamilnadu, IN - 641012, Ph:9791930199

Date.....

23.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Mr.S.SURIYASUGAN (Reg.No:20CAR15), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "REDUCED ENERGY CONSUMPTION OF DATA TRANSMISSION FOR TCP DOWNLOAD / UPLOADS" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

Project Manager



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Mail: xpresstecpro@gmail.com



NANDHA ENGINEERING COLLEGE
(AUTONOMOUS)

ERODE - 638 052.

SEPERABLE AND REVISIBLE DATA HIDING USING TRIPLE ENCRYPTION STANDARD IN CLOUD COMPUTING

A THESIS

Submitted by

BALAJI S. (20CAR02)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATIONS IN DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

(Autonomous) (Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "SEPERABLE AND REVISIBLE DATA HIDING USING TRIPLE ENCRYPTION STANDARD IN CLOUD COMPUTING" is the bonafide work of BALAJI S. (20CAR02) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of The HOD With Date 22

Dr. E.K.VELLINGIRI RAJ, M.E., Ph.D.,

HEAD OF THE DEPARTMENT,

Department of Computer Applications,

Nandha Engineering College, Erode-638052.

Signature of The SUPERVISOR with Date

Ms.K.E.ESWARI, M.C.A., M.Phil., M.E., SET.,

Associate Professor,

Department of Computer Applications,

Nandha Engineering College, Erode-638052.

Submitted for Project and Viva-Voce Examination held on 15-0b-2022

AINTERNAL EXAMINER

EXTERNAL EXAMINER

THOMAN STORY



XPRESS Technology India

347-D2, SLI Complex, 3rd Floor, 7th street, Gandhipuram, Colmbatore, Tamilnadu, IN - 641012, Ph:9791930199

Date.			
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21.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Mr.S.BALAJI (Reg.No:20CAR02), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "SEPARABLE AND REVISIBLE DATA HIDING USING TRIPLE ENCRYPTION STANDARD IN CLOUD COMPUTING" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

Project Manager



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Mail: xpressteepro@gmail.com



ADAPTIVE COAL CLASSIFICATION USING CENTROID CONTOUR DISTANCE OBJECT RECOGNITION METHOD USING DEEP LEARNING

A THESIS

Submitted by

DHIVYAPRIYA.K (Reg No. 20CAR05)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

(Autonomous)

(Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "ADAPTIVE COAL CLASSIFICATION USING CENTROID CONTOUR DISTANCE OBJECT RECOGNITION METHOD USING DEEP LEARNING" is the bonafide work of DHIVYAPRIYA.K (20CAR05) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

That gails without Signature of the HOD with date

Dr. E. K. VELLINGIRIRAJ, M.E., M.B.A.,

Ph.D.,

Professor and Head

Department of Computer Applications,

Nandha Engineering College.

Erode-638052.

Ms. K. E. ESWARI, M.C.A. M. Phil., M.E.,

SET.

Associate Professor.

Department of Computer Applications.

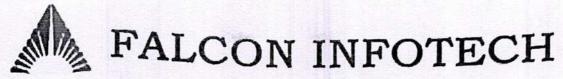
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Erode-638052.

Submitted for Project and Viva-Voce Examination held on 15 06, 22

EXTERNAL EXAMINER

NANDHA ENGINEERING COLLEGE UTONOMOUS) ERODE - 638 052



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Date:

21.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Ms.K.DIIIVYAPRIYA (Reg.No:20CAR05), from the Department of MCA studying in NANDIIA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed her final year project in our concern. Entire resource provided regarding this project, named "ADAPTIVE COAL CLASSIFICATION USING CENTROID CONTOUR DISTANCE OBJECT RECOGNITION METHOD USING DEEP LEARNING" in our organization during the period from January 2022 to May 2022.

During this project period her performance was good. We wish her all the best for a successful Future.

Project Manager

Mob: 7397183676, Web: falconinfotec.in

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IMPROVE WORKFLOW SCHEDULING TECHNIQUE USING SEMO IN CLOUD COMPUTING

A THESIS

Submitted by

NAVEENCHANDAR U. (20CAR23)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

(Autonomous) (Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "IMPROVE WORKFLOW SCHEDULING TECHNIQUE USING SEMO IN CLOUD COMPUTING" is the bonafide work of NAVEENCHANDAR U. (20CAR23) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the hod with date

Dr. E. K. VELLINGIRIRAJ, M.E., M.B.A.,

Ph.D.,

Professor And Head.

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

Signature Of The Supervisor With Date

Ms. K. E. ESWARI, M.C.A., M.Phil., M.E.,

SET.,

Associate Professor,

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

Submitted for Project and Viva-Voce Examination held on 15. 06. 2022

INTERNAL EXAMINER

EXTERNAL EXAMINE





XPRESS Technology India

347-D2, SLI Complex, 3rd Floor, 7th street, Gandhipuram, Coimbatore, Tamilnadu, IN - 641012, Ph:9791930199

PROJECT COMPLETION LETTER

This is to certify that the student Mr.U.NAVEENCHANDAR (Reg.No:20CAR23), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "IMPROVE WORKFLOW SCHEDULING TECHNIQUE USING SEMO IN CLOUD COMPUTING" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

Project Manager



xpresstechnology.in Mail: xpresstecpro@gmail.com



EYE PUPIL MOVEMENT BASED ON CURSOR CONTROL MECHANISM USING IMAGE PROCESSING

A THESIS

Submitted by

SEDHU M. (20CAR25)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION
IN
DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

(Autonomous) (Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "EYE PUPIL MOVEMENT BASED ON CURSOR CONTROL MECHANISM USING IMAGE PROCESSING" is the bonafide work of SEDHU M. (20CAR25) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Dr. E.K.VELLINGIRI RAJ, M.E., Ph.D., HEAD OF THE DEPARTMENT, Department of Computer Applications, Nandha Engineering College, Erode-638052.

SIGNATURE OF THE HOD WITH DATE SIGNATURE OF THE GUIDE WITH DATE Ms. K.E.ESWARI M.C.A., M.Phil., M.E., SET., Associate Professor, Department of Computer Applications, Nandha Engineering College, Erode-638052.

Submitted for Project and Viva-Voce Examination held on 15.06.2022.

INTERNAL EXAMINED

m. Jan 196 25

PRINCIPAL. NANDHA ENGINEERING COLLEGE (AUTONOMOUS)



TIN No.: 33601885102



Optech Software India (P) Ltd

Date.....

23.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Mr.M.SEDHU (Reg.No:20CAR25), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "EYE PUPIL MOVEMENT BASED CONTROL MECHANISM" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

Project Manager

OPTECH SOFTWARE INDIA PRIVATE LTD 39., SHANMUGAM STREET, RAMANATHAPURAM, OPP TO NILGIRIS, COIMBATORE.

#20, First Floor, Vinayagar Kovil Street, Krishnasami Nagar, Ramanatha Puram.

Technology

Coimbatore - 641045. Ph : 0422 2314067.

98422 90667

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H.O: Coimbatore.

B.O: Trichy, Chennai, Madurai.

NANDHA ENGINEERING COLLEGE

(AUTONOMOUS) ERODE - 638 052.

TIME SERIES ANALYSIS AND FORECASTING OF AIR POLLUTION PARTICULATE MATTER USING SARIMA AND SVM APPROACH

A THESIS

Submitted by

ARUNKUMAR.S (20CAR01)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION
IN
DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

(Autonomous) (Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022

AUTONOMOUS) CO ERODE-52

(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "TIMES SERIES ANLAYSIS AND FORECASTING OF AIR POLLUTION PARTICULATE MATTER USING SARMIA AND SVM APPROACH" is the bonafide work of ARUNKUMAR.S (20CAR01) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

T. I. d. gglill. 21122 Signature of the HOD with Date

Dr. E.K. VELLINGIRIRAJ, M.E., Ph.D.,

Professor and Head,

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

Signature of the SUPERVISOR With Date

Mr. C. MANI, M.C.A., M.E.,

Supervisor,

Associate Professor,

Department of Computer Science and

Engineering,

Nandha Engineering College,

Erode-638052.

Submitted for Project and Viva-Voce Examination held on 1.5/08/2022

THERNAL EXAMINER

INTERNAL EXAMINER

EXTERNAL EXAMINER



NANDHA ENGINE ERING COLLEGE
(AUTONOMOUS)



FALCON INFOTECH

140-c, 2nd Floor, Ponmani Tower, Avarampalayam Road, New Sidhapudur, Coimbatore- 641 044

Date: 20,05,3022

PROJECT COMPLETION LETTER

This is to certify that the student Mr.S.ARUNKUMAR (Reg.No:20CAR01), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "TIME SERIES ANALYSIS AND FORECASTING OF AIR POLLUTION PARTICULATE MATTER USING SARIMA AND SUM APPROACH" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

Project Manager



Mob: 7397183676, Web: falconinfotec.in

il: falconinformationtech@gmail.com

A LION OPTIMIZATION BASED K-PROTOTYPE CLUSTERING ALGORITHM FOR MIXED DATA

A THESIS

Submitted by

MEHALA C. (Reg No. 20CAR09)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

(Autonomous)

(Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "A LION OPTIMIZATION BASED K-PROTOTYPE CLUSTERING ALGORITHM FOR MIXED DATA" is the

bonafide work of MEHALA C. (20CAR09) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Dr. E.K. VELLINGIRIRAJ, M.E., Ph.D.,

Professor and Head.

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

RVISOR with Date

Mr.C.MANI M.C.A.M.E.,

Supervisor,

Associate Professor.

Department of Computer Science and

Engineering,

Nandha Engineering College,

Erode - 638052.

Submitted for the Project Viva-Voce examination held on 15.06.2002

NANDHA ENGINEERING COLLEGE (AUTONOMOUS)

ERODE - 638 052.





Optech Software India (P) Ltd

Date

23.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Ms.C.MEHALA (Reg.No.20CAR09), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed her final year project in our concern. Entire resource provided regarding this project, named "A LOIN OPTIMIZATION BASED K-PROTOTYPE CLUSTERING ALGORITHM FOR MIXED DATA" in our organization during the period from January 2022 to May 2022.

During this project period her performance was good. We wish her all the best for a successful Future.

メターキ

Project Manager

OPECH SOFTWARE INDIA PRIVATE LTD

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Vinayagar Kovil Street,

Krishnasami Nagar,

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Email: optechsoftwares@gmail.com

H.O: Coimbatore.

B.O. Trichy, Chennai, Madurai.

PRINCIPAL,
NANDHA ENGINEERING COLLEGE
(AUTONOMOUS)

ERODE - 638 052.

AN EFFECTIVE ALERTING SYSTEM OF SEWAGE MONITORING TO SECURE HUMANS BY IDENTIFYING THE TOXIC GASES

A THESIS

Submitted by

USHANANTHINI D. (20CAR17)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION
IN
DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

(Autonomous) (Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "AN EFFECTIVE ALERTING SYSTEM OF SEWAGE MONITORING TO SECURE HUMANS BY IDENTIFYING THE TOXIC GASES" is the bonafide work of USHANANTHINI D. (20CAR17) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Dr. E.K.VELLINGIRIRAJ, M.E., Ph.D.,

Professor and Head,

Department of Computer Applications,

Nandha Engineering College.

Erode-638052.

Signature of the SUPERVISOR with Date

Mr. C. MANI, M.C.A., M.E.,

Supervisor.

Associate Professor,

Science Department of Computer

Engineering.

Nandha Engineering College,

Erode-638052.

Submitted for Project and Viva-Voce Examination held on 15.06. 2022

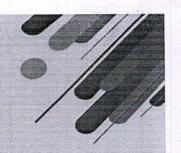
EXAMINER

PRINCIPAL NANDHA ENGINEERING COLLEGE (AUTONOMOUS)

ERODE - 638 052.







Date:21/05/2022

TO WHOMSOEVER IT MAY CONCERN

This is to inform you that Ms.Ushananthini D (Reg.No.20CAR17) student of MCA, Nandha Engineering College (Autonomous), Erode has successfully completed her internship project work in "IoT" at our company from January 2022 to May 2022. During the period she entitled her project work "An Effective Alerting System of Sewage Monitoring to Secure Humans by Identifying the Toxic Gases".

During the internship period her performance found to be good and satisfactory.

With Regards,

For Techvolt Software Pvt.Ltd

HR Maintagh CO

PRINCIPAL, NANDHA ENGINEERING COLLEGE (AUTONOMOUS) ERODE - 638 052.

hvoltcoimbatore.com Email: support@techvoltcoimbatore.com Mob: 8428 983 975

Centre, 2nd Floor, Above City Union Bank, Raja Annamalai Road, Saibaba Colony, Coimbatore -641011

ATTENDANCE MANAGEMENT SYSTEM BY USING FACE RECOGNITION

A THESIS

Submitted by

KIRUBAA V. (20CAR21)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION IN DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE ERODE - 638052

(Autonomous)
(Affiliated to Anna University, Chennai)

MAY 2022

AGINEER MAITONONOUS CO ERODE. SZ III

(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "ATTENDANCE MANAGEMENT SYSTEM BY USING FACE RECOGNITION" is the bonafide work of KIRUBAA V. (20CAR21) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date

Dr. E.K. VELLINGIRIRAJ, M.E., Ph.D.,

Professor and Head,

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

Signature of the SUPERVISOR with Date

Mr. C. MANI, M.C.A., M.E.,

Supervisor,

Associate Professor,

Department of Computer Science and

Engineering,

Nandha Engineering College,

Erode-638052.

Submitted for Project and Viva-Voce Examination held on 15/06/2022.

IT d. 92 1. INTERNAL EXAMINER 5.6.22

EXTERNAL EXAMINER





The Reciprocal Solutions

WE CREATE ALTERNATE SOLUTIONS

TO WHOM MAY IT CONCERN

This is to certify that V. Kirubaa has done his internship in Machine Learning Development in The Reciprocal Solutions, Coimbatore, from 3 Jan 2022 to 21 May 2022.

He has worked on a project titled Attendance Management System by using Face Recognition. During his internship he has demonstrated his skills with self-motivation to learn new skills. His performance exceeded our expectations and he was able to complete the project on time.

We wish him all the best for his upcoming career.

V. Kishow Kanff.

Kishore Karthi [FOUNDER]



Kavin Raja [CO-FOUNDER]



thereciprocalsolutions.com





thereciprocalsolutions@gmail.com



N302 Third Floor, Socrates Block, SNS College of Engineering, Saravanampatti, Tamil Nadu-641035.

PRINCIPAL,
PRINCIPAL,
NANDHA ENGINEERING COI

(AUTONUMOUS) ERODE - 638 052.

PREDICTION OF ENVIRONMENTAL POLLUTION USING NEURAL NETWORK A THESIS

Submitted by

DHANALAKSHMI R. (Reg No. 20CAR03)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION
IN
DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

(Autonomous) (Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022

HONUTONOMOUS CO ERODE-SO

(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "PREDICTION OF ENVIRONMENTAL POLLUTION USING NEURAL NETWORK" is the bonafide work of DHANALAKSHMI R (20CAR03) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Dr. E. K. Vellingiriraj, ME., Ph.D.,

Professor and Head,

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

Signature of the HOD with date

N-Z-1/25/5/22

Signature of the SUPERVISOR with date

Ms. N. Zahira Jahan, M.C.A., M.Phil.,

Associate Professor,

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

Submitted for the Project and Viva-Voce examination held on 15/06/2002

INTERNAL EXAMINER





XPRESS Technology India

347-D2, SLI Complex, 3rd Floor, 7rd street, Gandhipuram, Colmbatore, Tamilnadu, IN - 641012; Ph 9791930199

PROJECT COMPLETION LETTER

This is to cartify that the student Ms.R.DHANALAKSHMI (Reg.No.:20CAR03), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed her final year project in our concern. Entire resource provided regarding this project, named "PREDICTION OF ENVIRONMENTAL POLLUTION USING NEURAL NETWORK" in our organization during the period from January 2022 to May 2022.

During this project period her performance was good. We wish her all the best for a successful Future

Project Manager



xpresstechnology.in (Mail: xpresstecpro@gmail.com



SOFTWARE VULNERABILITY CLASSIFICATION USING NEURAL NETWORK

A THESIS

Submitted by

MADESHWARAN S(Reg No. 20CAR07)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

(Autonomous)
(Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "SOFTWARE VULNERABILITY CLASSIFICATION USING NEURAL NETWORK" is the bonafide work of MADESHWARAN S (20CAR07) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with date

Dr. E. K. Vellingiriraj, M.E., Ph.D.,

Professor and Head.

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

M.d. 92hills 25/5/22

Signature of the SUPERVISOR with date

Ms. N. Zahira Jahan, M.C.A., M.Phil.,

Associate Professor.

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

Submitted for the Project Viva-Voce examination held on 15.06-2022

INTERNAL EXAMINER

EXTERNAL EXAMINER





FALCON INFOTECH

140-c, 2nd Floor, Ponmani Tower, Avarampalayam Road, New Sidhapudur, Coimbatore- 641 044

Date:		••								
	21	.0	5	2	()	2	2			

PROJECT COMPLETION LETTER

This is to certify that the student Mr.S.MADESWWARAN (Reg.No:20CAR07), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "SOFTWARE VULNERABILITY CLASSIFICATION USING NEURAL NETWORK" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

V. Cover Project Manager



(AUTONOMOUS) C ENODE-52

: 7397183676, Web: falconinfotec.in

PRINCIPAL, NANDHA ENGINEERING COLLEGE

(AUTONOMOUS) ERODE - 638 052.

Mail: falconinformationtech@gmail.com

HEART DISEASE IDENTIFICATION USING MACHINE LEARNING METHODOLOGIES

A THESIS

Submitted by

VIGNESHKUMAR S (20CAR18)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

(Autonomous)

(Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "HEART DISEASE IDENTIFICATION USING MACHINE LEARNING METHODOLOGIES" is the bonafide work of VIGNESHKUMAR S (20CAR18) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

1. d. 9dilb 25/5/20

Dr. E.K. Vellingiriraj, M.E., Ph.D.,

Professor And Head,

Department of Computer Applications,

Nandha Engineering College,

Erode-638052

M. Zelf 35/5/22 Signature of the SUPERVISOR with date

Ms.N.Zahira Jahan, M.C.A., M.Phil.,

Associate Professor,

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

Submitted for the Project and Viva-Voce Examination held on 15/06/2022

H.A. 92/ms. 15.6.22

INTERNAL EXAMINER

M. 3/18/6/12



FALCON INFOTECH

140-c, 2nd Floor, Ponmani Tower, Avarampalayam Road, New Sidhapudur, Coimbatore- 641 044

Date:....

20.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Mr.S.VIGNESHKUMAR (Reg.No:20CAR18), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "HEART DISEASE IDENTIFICATION USING MACHINE LEARNING METHODOLOGIES" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

Project Manager

Scintoto chi

PRINCIPAL,
NANDHA ENGINEERING COLLEGE

ERODE - 638 052.

Mob: 7397183676, Web: falconinfotec.in

* Mail : falconinformationtech@gmail.com

A PROFICIENT PRIVACY PROTECTION METHOD FOR CLOUD COMPUTING

A THESIS

Submitted by

VIJAY S (20CAR19)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTERAPPLICATION IN DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

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ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "A PROFICIENT PRIVACY PROTECTION METHOD FOR CLOUD COMPUTING" is the bonafide work of VIJAY S. (20CAR19) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Dr. E.K. VELLINGIRIRAJ, M.E., Ph.D.,

Professor and Head,

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

N. Zelf 25/5/22 Signature of the SUPERVISOR with date

Ms. N. Zahira Jahan, M.C.A., M.Phil.,

Associate Professor,

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

Submitted for the Project and Viva-Voce Examination held on 15.06.2022

EXTERNAL EXAMINER



NANDHA ENGINEERING CULLEGE



Optech Software India (P) Ltd

Date

20.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Mr.S.VIJAY (Reg.No:20CAR19), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "A PROFICIENT PRIVACY PROTECTION METHOD FOR CLOUD COMPUTING" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

A.D.A

Project Manager

OPTECH SOFTWARE INDIA PRIVATE LTD 399, SHANMUGAM STREET, RAMANATHAPURANE OPP TO NILGIRIS, COMBATORE.

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Web: www.optechsoft.com

Email: optechsoftwares@gmail.com

H.O: Coimbatore.

B.O: Trichy, Chennai, Madurai.

DETECTION AND CLASSIFICATION OF FRUIT DISEASES USING IMAGE PROCESSING

A THESIS

Submitted by

MANIKANDAN R (Reg No. 20CAR08)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATIONS
IN
DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

(Autonomous)

(Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "DETECTION AND CLASSIFICATION OF FRUIT DISEASES USING IMAGE PROCESSING" is the bonafide work of MANIKANDAN R (20CAR08) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date

Dr. E.K. Vellingiriraj, M.E., M.B.A., Ph.D.,

Head of the Department,

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

Signature of the SUPERVISOR with Date

Mr. R. Navin Kumar, M.C.A., M.Phil.,

Assistant Professor,

Department of Computer Applications,

Nandha Engineering College,

Erode - 638052.

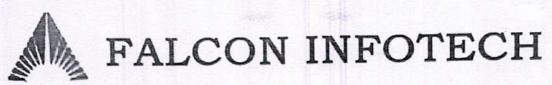
Submitted for the Project Viva-Voce examination held on 15/06/2022

Internal Examiner

External Examiner

INTOHOMOUS)
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ERODE-52

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ERODE - 638 053



140-c, 2nd Floor, Ponmani Tower, Avarampalayam Road, New Sidhapudur, Coimbatore- 641 044

Date: 20,05,2032.....

PROJECT COMPLETION LETTER

This is to certify that the student Mr.R.MANIKANDAN (Reg.No:20CAR08), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "DETECTION AND CLASSIFICATION OF FRUIT DISEASES USING IMAGE PROCESSING" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

Project Manager



PRINCIPAL,
NANDHA ENGINEERING COLLEGE
(AUTONOMOUS)
ERODE - 638 052

Mob: 7397183676, Web: falconinfotec.in

Mail: falconinformationtech@gmail.com

MULTI-STRATEGY SENTIMENT ANALYSIS OF CONSUMER REVIEWS WITH PARTIAL PHRASE MATCHING

A THESIS

Submitted by

SNEHA S. (Reg No. 20CAR13)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION

ENGINEERING

NANDHA ENGINEERING COLLEGE

ERODE - 638052

(Autonomous)

(Affiliated to Anna University, Chennai)

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "MULTI-STRATEGY SENTIMENT ANALYSIS OF CONSUMER REVIEWS WITH PARTIAL PHRASE

MATCHING" is the bonafide work of SNEHA S. (20CAR13) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date

Dr. E.K. Vellingiri Raj, M.E., Ph.D.,

Head of the Department,

Department of MCA,

Nandha Engineering College,

Erode - 638052.

1. Nob 231(12 - Signature of the SUPERVISOR with Date

Mr. R. Navin Kumar MCA., M.Phil.,

Assistant Professor.

Department of MCA,

Nandha Engineering College,

Erode - 638052.

Submitted for the Project Viva-Voce examination held on 15/06/2 p2.2

Internal Examiner

P. NOTE 17612

External Examiner

ERING COLLEGE WELLING SOLLEGE HITCHING HITCHING SOLLEGE HITCHING HITCHING SOLLEGE HITCHING



Optech Software India (P) Ltd

Date.......

21.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Ms.S.SNEHA (Reg.No;20CAR13), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed her final year project in our concern. Entire resource provided regarding this project, named "MULTI-STRATEGY SENTIMENT ANALYSIS OF CONSUMER REVIEWS WITH PARTIAL PHRASE MATCHING" in our organization during the period from January 2022 to May 2022.

During this project period her performance was good. We wish her all the best for a successful Future.

N.D.

Project Manager

OPTECH SOFTWARE INDIA PRIVATE LTD SHANNUGAN STREET HAMANATHAPCRAM

#20. First Floor. Vinayagar Kovil Street, Krishnasami Nagar, Ramanatha Puram.

Girchere - 641045. Ph : 0422 2314067.

8422 90667

Web: www.optechsoft.com

Email: optechsoftwares@gmail.com

H.O: Coimbatore.

B.O: Trichy, Chennai, Madurai.

DATA ANALYSIS OF CONSUMER COMPLAINTS IN BANKING INDUSTRY USING HYBRID CLUSTERING AND SENTIMENT ANALYSIS

A THESIS

Submitted by

SUJITHKUMAR S (Reg No. 20CAR14)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION

IN

DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

ERODE - 638052

(Autonomous)

(Affiliated to Anna University, Chennai)

MAY 2022



(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "DATA ANALYSIS OF CONSUMER COMPLAINTS IN BANKING INDUSTRY USING HYBRID CLUSTERING AND SENTIMENT ANALYSIS" is the bonafide work of SUJITHKUMAR S. (20CAR14) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date

Dr. E.K. Vellingiri Raj, M.E., Ph.D.,

Head of the Department,

Department of MCA,

Nandha Engineering College,

Erode - 638052.

Signature of the SUPERVISOR with Date

Mr. R. Navin Kumar MCA., M.Phil.,

Assistant Professor,

Department of MCA,

Nandha Engineering College,

Erode - 638052.

Submitted for the Project Viva-Voce examination held on 15 106/2022

Internal Examiner

External Examiner



TIN No.: 33601885102



Optech Software India (P) Ltd

Date.....

20.05.2022

PROJECT COMPLETION LETTER

This is to certify that the student Mr.S.SUJITHKUMAR (Reg.No:20CAR14), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "DATA ANALYSIS OF CONSUMER COMPLAINTS IN BANKING INDUSTRY USING HYBRID CLUSTERING AND SENTIMENT ANALYSIS" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

*Dut

Project Manager

OPTECH SOFTWARE INDIA PRIVATE LTD 399,5HANMUCAM STREET, RANANATHAPURAM, OPP TO NILGIRIS, COMMATORE.

#20, First Floor,

Opportunity Through Technology

Vinayagar Kovil Street,

Krishnasami Nagar,

emenatha Puram.

641045. Ph : 0422 2314067.

8 22 90667

Web: www.optechsoft.com

Email: optechsoftwares@gmail.com

H.O: Coimbatore.

B.O: Trichy, Chennai, Madurai.

PRINCIPAL,

(MUTONETRING GOLLEGE

ERODE: 6319148)

ARMA BASED CROP YIELD PREDICTION USING TEMPERATURE AND RAINFALL PARAMETERS WITH GROUND WATER LEVEL CLASSIFICATION A THESIS

Submitted by

EMAYAVARMAN V. (20CAR20)

in partial fulfillment for the award of the degree of

MASTER OF COMPUTER APPLICATION
IN
DEPARTMENT OF COMPUTER APPLICATIONS





FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING NANDHA ENGINEERING COLLEGE

(Autonomous)
(Affiliated to Anna University, Chennai)

ERODE - 638052

MAY 2022



PRINCIPAL,
NANDHA ENGINEERING COLLEGE
(AUTONOMOUS)
ERODE - 638 052

NANDHA ENGINEERING COLLEGE

(Autonomous)

(Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Thesis titled "ARMA BASED CROP YIELD PREDICTION USING TEMPERATURE AND RAINFALL PARAMETERS WITH GROUND WATER LEVEL CLASSIFICATION" is the bonafide work of EMAYAVARMAN V. (20CAR20) 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 thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of The Hod with Date

Dr. E.K.VELLINGIRI RAJ, M.E., Ph.D.,

Professor and Head.

Department of Computer Applications.

Nandha Engineering College.

Erode-638052.

R. Aldo zutotos Signature of The Supervisor with Date

Mr.R.NAVINKUMAR, M.C.A., M. Phil.,

Assistant Professor.

Department of Computer Applications,

Nandha Engineering College,

Erode-638052.

Submitted for Project and Viva-Voce Examination held on 15.06-2022

TERNAL EXAMINER

EXTERNAL EXAMINER

MANDHA ENGINEERING COLLEGE



XPRESS Technology India

347-D2, SLI Complex, 3rd Floor, 7th street, Gandhipuram, Coimbatore, Tamilnadu, IN - 641012, Ph:9791930199

PROJECT COMPLETION LETTER

This is to certify that the student Mr.V.EMAYAVARMAN (Reg.No:20CAR20), from the Department of MCA studying in NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed his final year project in our concern. Entire resource provided regarding this project, named "ARMA BASED CROP YIELD PREDICTION USING TEMPERATURE AND RAINFALL PARAMETERS WITH GROUND WATER LEVEL CLASSIFICATION" in our organization during the period from January 2022 to May 2022.

During this project period his performance was good. We wish him all the best for a successful Future.

Project Manager

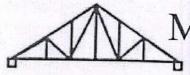




xpresstechnology.in

Mail: xpresstecpro@gmail.com

PRINCIPAL,
NANDHA ENGINEERING COLLEGE
(AUTONOMOUS)
ERODE - 638 052



M. PONMANI INDUSTRIES

23, Chennimalai Road, Diesal Shed Opp, Erode -638001.

TO WHOMSOEVER IT MAY CONCERN

This is certify that Mrs. Aanandhi (Reg no. 20BA 001), II MBA (HR & Finance) student in Nandha Engineering College, Perundurai has successfully completed her internship training program during the period from 7th March 2022 to 7th june 2022. During the above period she was found sincere, dedicated and hard working.

Thanking you,

For POMMANI INDUSTRIES

PONMANI INDUSTRIES 23, Chennimalai Road, Diesel Shed (OPP).

ERODE - 638 001

Nandha Engineering College Erede 638 052.

This is to certify that Ms. Aarthi B (Reg No. 20BA002), IInd year MBA (HR & Operation) student in Nandha Engineering College, Perundurai has successfully completed her internship training program during the period from 7th March to 31st May.

During the above period she was found sincere, dedicated and hard working.

We wish her all success in her future endeavors.

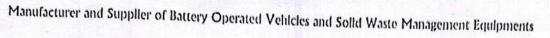
Regards,
Ajay Alanki
Talent Acquisition
Larsen & Toubro Infotech Ltd.
Phone: 8247814018



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052.



NEPTUNE AUTOMATION





NA023/2022

Date: 06-06-2022

Certificate of Training and Completion

This certifies that

Miss. Abharna.M.S, Nandha Engineering college, Erode

Has Successfully completed Internship training of

ACCOUNTS DEPARTMENT in Our Organization

From April 12 2022 to June 06 2022

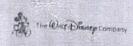


HR Manager



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052











06.06.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Antony Sham Kumar . C (Reg No. 20BA005), 2nd year MBA (HR & Finance) student of Nandha Engineering (Autonomous) College, Perundurai has successfully completed his project work during the period from "07 March 2022 to 31 May 2022"

During the above period he was found sincere, dedicated and hard working. We wish his all success in his future endeavour.

For Honeywell Creation,

Tiruppur

Nandha Engineering College (Autonomous) Erode - 638 052.

REGD OFFICE:

1st Street, Kongu Nagar, TIRUPUR - 641 607.

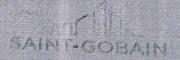
FACTORY:

21-B/4, Murugasamy Lay-out, Avishka Garden, S.F.NO:161/1B, Guruvayurappan Nagar (North), Poyampalayam, Tirupur -641 602

Ph: 0421 - 2485551, 2485552, 2485553, 2485554 Mob: 96293 63999

Fax: 0421 - 2485556 E-mail: honeywell@honeywellcreation.com

GSTIN: 33AAEFH4448R1ZX IE Code No .: 3206014191



SEFPRORT

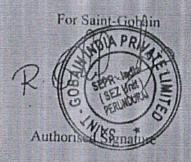
DATE: 06.06.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. G Deepak (Reg No.20BA006), IInd Year MBA (HR& Finance Management) student in Nandha Engineering college, Perundurai has successfully completed his internship training program during the period 07th Mar'22 to 23rd Mar'22.

During the above period he was found sincere, dedicated and hard working.

We wish his all success in his future endeavors,





PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052.

SAINT-GOBAIN INDIA PRIVATE LIMITED

SEPR INDIA

Parameteral Work SEZ Unit, Plot No S-23S-24, S25, S-37, S-40, S-41, SIPCOT Industrial Groth Centre -Engineering SEZ , Perundurai - 638052 Erode Dt., Tamilnadu. Tel : 04294 - 331100, 04294 - 331200 Fax: 04294 - 331104.

Regd.Office: Sigapl Aachi Building, Floor No.7,18/3 Rukmini Lakashimipathy Road, Egmore, chennai - 600008, Tamii Nadu, India CIN No.: U26109TN1997PTC07875



DATE:

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr. ELAVARASAN.R (REG.NO: 20BA008)

II- MBA student of Nandha Engineering College (Autonomous) had done project work in our concern from 7th March 2022 to 7th June 2022.

During this period his conduct and character was found to be good.

FGI PRATINA CULTURE N

PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 652.





NEPTUNE AUTOMATION

Manufacturer and Supplier of Battery Operated Vehicles and Solid Waste Management Equipments



NA023/2022

Date: 06-06-2022

Certificate of Training and Completion

This certifies that

Miss. Haripriya.G, Nandha Engineering college, Erode

Has Successfully completed Internship training of

HR DEPARTMENT in Our Organization

From April 12 2022 to June 06 2022



HR Manager



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052.

Cell: 98433 - 94012 97502 - 77888

JAI MAARUTHI TEX

GLOTH MERCHANT 196, Brinda Street, ERODE - 638 001.

Date

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr. HARISH.P (REG.NO: 20BA011)

II. MBA student of Nandha Engineering College (Autonomous) had done project work in our concern from 7th March 2022 to 7th June 2022.

During this period his conduct and character was found to be good.

For JAI MAARUTHI TEX

Proprietor

AUTONOMOUS) CO ERODE-52

PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052.



88/1, Puliyankadu, Moolakkarai, Perundurai Main Road, Nasiyanur (P.O), ERODE – 638 107 (TN).

Phone: 0424 – 2556644, 2556664 | E-mail: accounts@sunraja.com | Web: www.sunraja.com |
FSSAI No.: 10012042000132 | PAN No.: AAIC52682M

DATE: 1-6-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify Mr.S.KANNAN (20BA014), student of NANDHA ENGINEERING COLLEGE has successfully completed his internship in the field of oil manufacturing from 7th March-2022 to 23 May-2022

During the period of internship she was exposed to different processes and was found to be diligent and hardworking.

We wish her all the success in his career.

For Sunraja oil industries private limited,

Authorised signatory

Head of Human Resource Executive.

AUTORONOUS) CO ERODE-52

PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638.052.



2B.SENGUNDHA PURAM 5TH STREET, MANGALAM ROAD,TIRUPPUR- 641604

DATE: 01-06-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify Ms. M KOUSALYA (20BA015), student of NANDHA ENGINEERING COLLEGE (AUTONOMOUS) has successfully completed her internship training program during the period from March-2022 to May-2022

During the period of internship she was exposed to different processes and was found to be diligent and hardworking.

We wish her all the success in his career.

Factory Manager

FOR HERO FASHION

Operation Manager



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode \$38,052



The Salem Co-Operative Sugar Mills Ltd.,

ISO 9001: 2000 QMS CERTIFIED SUGAR MILLS

MOHANUR – 637 015, Namakkal District, Tamil Nadu.

CST. No. 413036 TIN. No. 33513100028



Reg. No. 663369

TO WHOMSOEVER IT MAY CONCERN

This is to certify that LEVIN HARRISSON (Reg No: 20BA017) is studying II-MBA in Nandha Engineering College, Erode. He has done for his project work in our Concern. During the Project period from 7th March 2022 to 7th June 2022.

Project period, he was found to be punctual, enthusiastic and taken keen interest in learning.

Thanking You,

For The Salem Co-op. Sugar Mills Ltd,



Grams: "SALEMSUGAR"

O.OP. SUG ttapalayam Villag est Office

Office Manager

Nandha Engineering Co Phone: EPABX: STD: 04286 - 255221, cell: 8903063266, Mohanut Autonom

Fax: 04266d855638 052.

E-MAIL: sacos07@yahoo.co.in

"ஒளிமயமாக வாழ ஒன்றே போதுமே"

ARUN FABRICS

(Printed Bed spreads, Printed Rolls, Drill, Sharteen Cloth)

60-A, Thiruvengata Samy Street, Erode – 638001.

Mobile: 93450 02388

Date: 06-06-2022

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr. MANIKANDAN.K (REG, NO: 20BA018)

P- MBA student of Nandha Engineering College (Autonomous) had done project, work in our concern from 24th March 2022 to 27th May 2022.

During this period his conduct and character was found to be good.

Thanking You



for Proprietor



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052

Email ID: jegan@arunfabrics.in



SANMA KNIT FASHIONS

Mfrs & Exporters of Knitted Garments

Date: 31-05-2022

Certificate

Certified that shri R Manikandan, MBA II Year Student of NANDHA ENGINEERING COLLEGE, ERODE has Undergone Internship training in the area of Human Resource at Sanma Knit Fashions During the period from 07/03/2022 to 31/05/2022.

For Sanma Knit Fashions

Authorised Signatory



PRINCIPAL

Nandha Engineering College (Autonomous) Erode 638 052.

1/244C, Sri Ragavandhara Thottam, Kalampalayam, Pongupalayam Post, AVP School Backside, Tirupur - 641 666.

Factory: S.F.No. 305/3B, Alukuli Village, Gobipalayam (P.O), Gobichettipalayam (T.K), Erode District - 638 453.

E-mail: shan@sanmaknitfashions.com, Web: www.sanmaknitfashion.com

GSTIN: 33ABFFS7425R1ZK, PAN: ABFFS7425R



Sf No 323/1c, Nochipalayam, Karaipudur Village, Tirupur - 641 605.

Cell: 97870 70782 | Email: phoenixfashion3@gmail.com | GSTIN: 33AYLPR2280G1ZB

DATE:08/06/2022

TO WHOM IT MAY CONCERN

This is to certify Ms. S.MANJUBASINI (20BA020), student of NANDHA ENGINEERING COLLEGE has successfully completed her internship in the field of garment manufacturing from March-7 2022 to June-7 2022.

During the period of internship she was exposed to different processes and was found to be diligent and hardworking.

We wish her all the success in her career .

FOR PHOFMIX FASHION

Authorized signature

(AUTONOMOUS) CO ERODE-52

PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052.



Ref No TR-15(4)/034842

21/05/2022

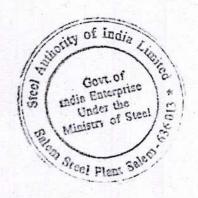
Certificate

Certified that Shri NARENDRA KUMAR.K,MBA, II year student of NANDHA ENGINEERING COLLEGE, ERODE has undergone Internship Training in the area of MARKETING at Salem Steel Plant during the period from 01/04/2022 to 21/05/2022.

(Ilan Jalos)

R Ulaganathan

GM(HRD&CSR)



AUTOMONOUS) CO ERODE-52

PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052.

सेलम - 636 013 तमिलनाडु Salem-636 013 Tamil Nadu

दूरभाष : 0427-238 3021 फैक्स : 0427-238 2800 Phone : 0427-238 3021 Fax : 0427-238 2800

ई-मेल :genladmn@sailssp.in E-mail ; genladmn@sailssp.in

येबसाईट : www.sail.co.ln Website : www.sail.co.ln

हर किसी की ज़िन्दगी से जुड़ा हुआ है सैल

There's a little bit of SAIL in everybody's life



Manufacturing and Export of Knitted, Ready Made Garments



No.62/1, 60 Feet Road, Maruthachalapuram, Kumarananthapuram, Tirupur-641602, Tamil Nadu, INDIA. Tel. 914214352050,4341224.

E-mail: kandasamy@coralknitwear.com accounts@coralknitwear.com

TO WHOMSOEVER IT MAY CONCERN

Date: 03-06-2022

This is to certify that Mr. Nishaanth.G (20BA022) an MBA student with the specialization of HR & Finance from Nandha Engineering College (Autonomous), Erode has been successfully completed his project work at Coral Knit Wear on "HUMAN RESOURCES POLICIES & ITS IMPLEMENTATION" in our company from 7th March 2022 to 31st May 2022.

During this tenure period, we found him dedicated, punctuality, hardworking and his character was good.

We hereby certify that his overall performance was good to the best of our knowledge. We wish him good luck for his future endeavour.

For CORAL KNIT WEAR

Partner



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052.

AEPC, RCMC NO – 204243 IE CODE: 3205003411 GSTIN : 33AACFC0108K1Z1 BANKERS: KARNATAKA BANK LTD., 37, P.N. ROAD, TIRUPPPUR – 641 602

KMS TVS PRIVATE LTD.,



94, Lakshmi Nagar, Erode Road, Bhavani 638 315,

Phone: +91 90951 43915

Email: kmstvs@gmail.com

Date: 03-06-2022

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr. PON SHANKAR.B (REG.NO: 20BA023)

II- MBA student of Nandha Engineering College (Autonomous) had done project work in our concern from 28th March 2022 to 20th May 2022.

During this period his conduct and character was found to be good.

Thanking you

For KMS TVS, Bhavani



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erodo - 638 052







TO WHOM SO EVER IT MAY CONCERN

This is to certify that L.Ranjith kumar (Reg No: 20BA025) is studying MBA in Nandha Engineering College, Erode. He has done for his project work in our Concern, During the Project period from 7th March 2022 to 7th june 2022.

Project period, he was found to be punctual enthusiastic and taken keen interest in learning,

Thanking you,



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052.

For PODARAN FOODS INDIA PRIVATE LIMITED

AUTHORISED SIGNATORY

Podaran Foods India Private Limited

Unit-1

D.No. 6/110-8, Malapalayam, Chitampalayam, Palayakottai (Kaspa) Village, Nathakadaiyur - 638 108. Kangayam T.K, Tirupur Dist. Tamil Nadu. INDIA Unite2

Plot No. 12, 13, 18, 19, Srini Food Park, Mogili Village, Bangarupalayam Mandal, Chittoor - 517 429. Andra Pradesh. INDIA



POPPYS Knit Wear Pvt. Ltd.,

DATE:

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr. SARAN,B (REG.NO: 20BA026) 11- MBA student of Nandha Engineering College (Autonomous) had done project work in our concern from 7th March 2022 to 7th June 2022.

During this period his conduct and character was found to be good.

Thanking you

For Poppys knit wear, Timppur

MANAGER

PRINCIPAL

Nandha Engineering College (Autonomous)

33, M.P.Nagar, Kongu Nagar Extn. Tirupur, Tamii Nadu - 641 607

Phone: +91 421 2221144 / 55 / 66.

Email: info@poppysknitwear

www.poppysonlile.com



PROJECT COMPLETION CERTIFICATE

June 6, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. SIVARANJANI S (Reg no: 20BA028), IInd year MBA (HR & OPERATION) student in Nandha Engineering College, Perundurai has successfully completed her project work in our concern during the period from 07th March 2022 to 31st May 2022.

During the above period she was found sincere, dedicated, and hard working.

We wish her all success in her future endeavours.

Thanking You,

Regards, Ajay Alanki Talent Acquisition Larsen & Toubro Infotech Ltd. Phone: 8247814018



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052.



DATE: 1-6-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify Ms.P.SOUNDARYA (20BA030), student of NANDHA ENGINEERING COLLEGE has successfully completed her internship in the field of steel manufacturing from March-2022 to May-2022

During the period of internship she was exposed to different processes and was found to be diligent and hardworking.

We wish her all the success in his career.

For Omega techniks India private limited,

Authorised Signatory,



No. 2B, Sidco Industrial Estate, (NP), 6th Street, Ambattur, Chennai - 600098.

Phone: +9144430 99654 E-mail: contact@omegatechniks.com / www.omegatechniks.com



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052.



NEPTUNE AUTOMATION

Manufacturer and Supplier of Battery Operated Vehicles and Solid Waste Management Equipments



NA023/2022

Date: 06-06-2022

Certificate of Training and Completion

This certifies that

Miss. Sriranjani.S, Nandha Engineering college, Erode

Has Successfully completed Internship training of

HR DEPARTMENT in Our Organization

From April 12 2022 to June 06 2022



HR Manager



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erede - 638 052.



AKSHERA PAPERS

25.05.2022

COMPLETION CERTIFICATE

This is to certify that SURIYARANJINI.R(REG NO:20BA032)Final Year MBA student of Nandha Engineering College(Autonomus) she Has successfully completed her main project in "A STUDY ON EMPLOYEE WELFARE PERTAINING TO SATISFACTION IN AKSHERA PAPER MILL WITH REFERENCE TO SATHYAMANGALAM "from 07/03/2022 to 20/05/2022. All necessary details were provided from our side for the establishment of this project and during this period her performance was good. We wish the very best in her future endeavors.

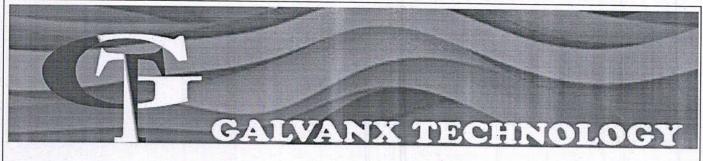


Akshera Papers

Authorized Signatory



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052.



Date: 25-05-2022

way to carreer

To Whom It May Concern

Certified that Shri K.SUTHAKAR, MBA II year student of NANDHA ENGINEERING COLLEGE, ERODE has undergone Internship Training in the area of Human Resource at Erode, Galvanx Technology during the period from 1/4/2022 to 21/5/2022.

We wish her every success in life.

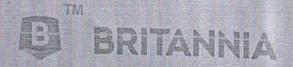




PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode 638 052.

GALVANX TECHNOLOGY

2ND FLOOR NITHIN COMPLEX, NEAR OLD BUS STAND, PERUNDURAI-638052



DATE: 1-6-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify Ms.S.VASUKI (20BA034), student of NANDHA ENGINEERING COLLEGE has successfully completed her internship in the field of Biscuits manufacturing from 7th March-2022 to 31st May-2022

During the period of internship she was exposed to different processes and was found to be diligent and hardworking.

We wish her all the success in his career.

For Profit in Justry Limited,

Head of Human Resource Executive.

Britannia Industry Limited

Plot No MM9 Sipcot Industries Growth Centre, Ingur, Perundurai – 638052, Erode Dist, Tamil Nadu. CIN NO: U18204TZ2010PTC016384 Website: WWW.britannia.co.in



PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052.

INFRA TEX

No.326,PSG MILL PREMISES, COVAI MAIN ROAD, PERUNDURAI Ho, PERUNDURAI, ERODE(Dt)- 638 052 Cell: 04294-221436,222326

Date: 03-06-2022

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr. VENKATESHWARAN.M (REG.NO: 20BA035) II- MBA student of Nandha Engineering College (Autonomous) had done project work in our concern from 28th March 2022 to 20th May 2022.

During this period his conduct and character was found to be good.

Thanking you

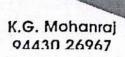
PERUNDURAL

Email ID: srisakthlinfra@gmail.com



PRINCIPAL Nandha Engineering College (Autonomous) Erode - 638 052.





To Whom It May Concern

Certified that Shri R. VISHNU VARTHAN, MBA II year student of NANDHA ENGINEERING COLLEGE, ERODE has undergone Internship Training in the area of Human Resource at Erode, KOUSIC & CO during the period from 1/4/2022 to 21/5/2022.

We wish him every success in life.

For KOUSIC & CC

PARTMET

PRINCIPAL
Nandha Engineering College
(Autenomous)

Erode - 638 052

A-24, Housing Unit, Kollampalayani, Erode - 638 002. Tamil Nadu, India, GSTIN: 33AAEFK9708P1ZT & kousic.co@gmail.com



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E - Mail : mani@arrowgarments.in

: sales@arrowgarments.in

Web : www.arrowgarments.in

DATE:

TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr. ABINESH.R (REG.NO: 20BA037) II- MBA student of Nandha Engineering College (Autonomous) had done project work in our concern from 7th March 2022 to 7th June 2022.

During this period his conduct and character was found to be good.

FOR ARROW GARMENT

Authorized Signatory

Nandha Engineering College (Autonomous)

Erede - 638 052

SF 14, Kadir Nagar, (Opp. to Selvi Furniture), Kangayam Road, TIRUPUR - 641 604. S.INDIA.

TIN No: 33362423099

: 761632 DT. 17-10-2000 NSIC : NSIC/GP/COI/2016/0022747

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INDIAN NAVY: A4248K

667-25/11/2010

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: 200905 AEPC

IEC 3200004568



NEPTUNE AUTOMATION

Manufacturer and Supplier of Battery Operated Vehicles and Solid Waste Management Equipments



NA023/2022

Date: 06-06-2022

Certificate of Training and Completion

This certifies that

Mr. Kishorekumar.V, Nandha Engineering college, Erode

Has Successfully completed Internship training of

ACCOUNTS DEPARTMENT in Our Organization

From April 12 2022 to June 06 2022



HR Manager

GINEER (AUTONOMOUS) CO ERODE-52

PRINCIPAL
Nandha Engineering College
(Autonomous)
Erode - 638 052.

No. 833 - 1 AF 3 Kkal Road, Pallipalayam, Nasiyanur Post - 638 107, Erode, Tamilnadu. D +91 98940 91134 an neptuneautomation@gmail.com



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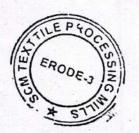
29-C, Marapalam Road, KAS Nagar, Karungalpalayam (East), Erode - 638 003. (India)

Ref. SCMTPM /

Date: 21/05/2022

Certificate

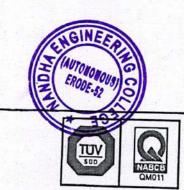
Certified that Shri SABARI.K,MBA student of NANDHA ENGINEERING COLLEGE, ERODE has undergone Internship Training in the office area of HR (HUMAN RESOURCES) at SCM TEXTTILES PROCESSING MILLS during the period from 01/04/2022 to 21/05/2022



For SCM Texttile Processing Mills,

Dumm-

Authorized Signatory.



PRINCIPAL
Nandha Engineering College
(Autonomous)

H.O.: 57, V.O.C. Nagar (South), Valayankadu, Tirupur - 641 603. INDIA.
Phone: 91 - 421 - 4319888, Fax: 91 - 421 - 2248889