

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI - 15
(A Government Aided ISO 9001 : 2000 Certified Autonomous Institute Affiliated to Anna University)



BONAFIDE CERTIFICATE

Certified that this project report “Developing an app model for scheduling and monitoring the employee in an organization” is the bonafide work of K.Aparna Preethi (16IS002) who carried out the project work under my supervision during the Academic Year 2017-2018.


SIGNATURE

Dr.S.Muthuramalingam, M.E., Ph.D.,

Associate Professor

Head of the department

Information technology

Thiagarajar College of Engg.

Madurai – 15


SIGNATURE

A. Sheik Abdullah, M.E.,

Assistant Professor

Supervisor

Information technology

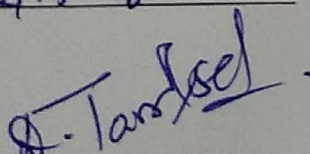
Thiagarajar College of Engg.

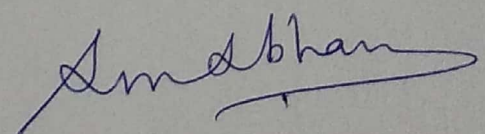
Madurai – 15

Station: Madurai

Date:

Submitted for the “VIVA-VOCE” Examination held at Thiagarajar College of Engineering
on 4.5.18


INTERNAL EXAMINER


EXTERNAL EXAMINER

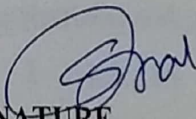
THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Government Aided ISO 9001: 2008 Certified Autonomous Institute Affiliated to Anna University)



BONAFIDE CERTIFICATE

Certified that the project report titled “**DESIGN AND DEVELOPMENT OF STEGO BASED INTRUSION DETECTION SYSTEM FOR IMAGE COVERS**” is the bonafide work of “**C. ABINAYA (16IS001)**” who carried out 14IS140 - Project work under my supervision during the academic year 2017-2018.


SIGNATURE

Dr. S. MUTHURAMALINGAM, M.E., Ph.D.,

ASSOCIATE PROFESSOR &

HEAD OF THE DEPARTMENT

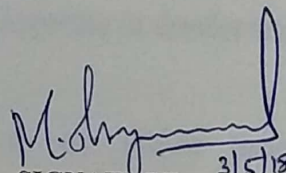
DEPARTMENT OF INFORMATION

TECHNOLOGY,

THIAGARAJAR COLLEGE OF

ENGINEERING,

MADURAI- 625 015.


SIGNATURE 31/5/18

Mr. M. THANGAVEL, M.E., (Ph.D.),

SUPERVIROR &

ASSISTANT PROFESSOR

DEPARTMENT OF INFORMATION

TECHNOLOGY,

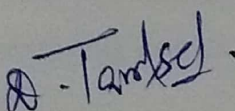
THIAGARAJAR COLLEGE OF

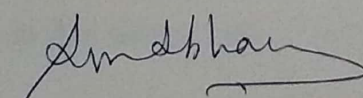
ENGINEERING,

MADURAI- 625 015.

Submitted for the VIVA VOCE Examination held on 4-5-2018

at Department of Information Technology, Thiagarajar College of Engineering.


INTERNAL EXAMINER


EXTERNAL EXAMINER

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Govt. Aided ISO9001:2008 Certified Autonomous Institution, Affiliated to AnnaUniversity)



BONAFIDE CERTIFICATE

Certified that this report titled “Analysis of Polycystic ovary syndrome using medical image registration technique” is the bonafide work of **R.Vinodhini (I6IS013)** 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

Dr.S.MUTHURAMALINGAM, M.E., Ph.D., Dr.R.SUGANYA,M.E.,Ph.D.,

ASSOCIATE PROFESSOR & HEAD

DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.

SIGNATURE

ASSOCIATE PROFESSOR

DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.

Submitted for the VIVAVOCE Examination held at Thiagarajar College of Engineering,

Madurai-15 on 4.5.2018

INTERNAL EXAMINER

EXTERNAL EXAMINER

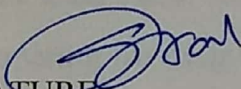
THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Govt. Aided ISO9001:2008 Certified Autonomous Institution, Affiliated to AnnaUniversity)



BONAFIDECERTIFICATE

Certified that this Report Titled “**TRUST BASED TASK SCHEDULING IN CLOUD COMPUTING USING NEURAL NETWORKS**” is the bonafide work of **S.Umamaheswari (I6IS012)** who carried out the work under my supervision during the academic year 2017-2018. 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

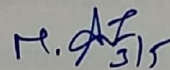
Dr.S.MUTHURAMALINGAM, M.E., Ph.D., Mr. M. ARUN FERA, M.E.,

ASSOCIATE PROFESSOR & HEAD

DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.


SIGNATURE

ASSISTANT PROFESSOR

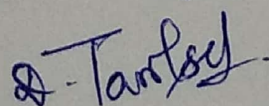
DEPARTMENT OF INFORMATION
TECHNOLOGY,

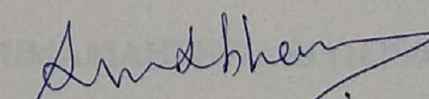
THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.

Submitted for the VIVAVOCE Examination held at Thiagarajar College of Engineering,

Madurai-15 on 4-5-2018


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EXTERNAL EXAMINER

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI - 15
(A Government Aided ISO 9001 : 2000 Certified Autonomous Institute Affiliated to Anna University)



BONAFIDE CERTIFICATE

Certified that this project report "Extractive Text Summarization Using Lexrank Algorithm For Title Generation" is the bonafide work of G.PRIYANKA (16IS008) who carried out the project work under my supervision during the Academic Year 2017-2018.


SIGNATURE

Dr.S.Muthuramalingam, M.E., Ph.D.,

HEAD OF THE DEPARTMENT

Information technology

Thiagarajar College of Engg.

Madurai - 15


SIGNATURE

Dr. C.Deisy, M.E., PhD.,

PROFESSOR

Information technology

Thiagarajar College of Engg.

Madurai - 15

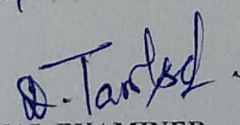
Station: Madurai

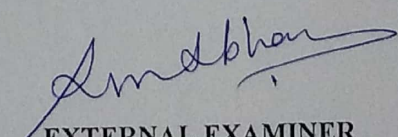
Date:

Submitted for the "VIVA-VOCE" Examination held at Thiagarajar College of Engineering

on

4-5-18


INTERNAL EXAMINER


EXTERNAL EXAMINER

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Govt. Aided ISO9001:2008 Certified Autonomous Institution, Affiliated to AnnaUniversity)



BONAFIDECERTIFICATE

Certified that this Report Titled “An Efficient Genetic Programming approach for GLCM based Rotation-invariant Feature Descriptors” is the bonafide work of **R.MONICA GRACE (I6IS006)** 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

Dr.S.MUTHURAMALINGAM, M.E., Ph.D.,

ASSOCIATE PROFESSOR & HEAD

DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.

SIGNATURE

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

ASSOCIATE
ASSISTANT PROFESSOR

DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.

Submitted for the VIVAVOCE Examination held at Thiagarajar College of Engineering,
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THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Govt. Aided ISO9001:2008 Certified Autonomous Institution, Affiliated to AnnaUniversity)



BONAFIDE CERTIFICATE

Certified that this Report Titled " **Improving Cognitive skills using Virtual Interactive therapy for autism children** ", is the bonafide work of **S.Manimala (16IS004)** who carried out the work under my supervision during the academic year 2017-2018. 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

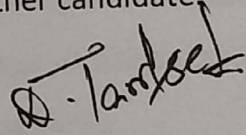
Dr.S.MUTHURAMALINGAM, M.E, Ph.D.,

ASSOCIATE PROFESSOR & HEAD

DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.


SIGNATURE

Dr.D.TAMIL SELVI, M.E, Ph.D.,

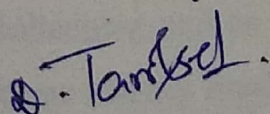
ASSOCIATE PROFESSOR

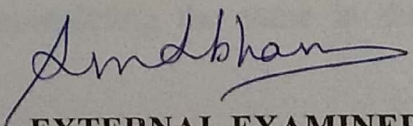
DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.

Submitted for the VIVAVOCE Examination held at Thiagarajar College of Engineering,
Madurai-15 on 4-5-2018


INTERNAL EXAMINER


EXTERNAL EXAMINER

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Govt. Aided ISO9001:2008 Certified Autonomous Institution, Affiliated to Anna University)



BONAFIDE CERTIFICATE

Certified that this Report Titled “**Deadlock Detection Using SNA Based Resource Optimization Techniques**” is the bonafide work of **T.Ramya (I6IS009)** who carried out the work under my supervision during the academic year 2017-2018. 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

Dr.S.MUTHURAMALINGAM, M.E., Ph.D.,
ASSOCIATE PROFESSOR & HEAD
DEPARTMENT OF INFORMATION
TECHNOLOGY,
THIAGARAJAR COLLEGE OF
ENGINEERING,
MADURAI - 625 015

SIGNATURE

Ms. C.SANTHIYA, M.E., (Ph.D).,
ASSISTANT PROFESSOR
DEPARTMENT OF INFORMATION
TECHNOLOGY,
THIAGARAJAR COLLEGE OF
ENGINEERING,
MADURAI - 625 015

Submitted for the VIVAVOCE Examination held at Thiagarajar College of Engineering,
Madurai-15 on 4.5.2018

INTERNAL EXAMINER

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THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Govt. Aided ISO9001:2008 Certified Autonomous Institution, Affiliated to AnnaUniversity)



BONAFIDE CERTIFICATE

Certified that this Report Titled **“Delay Optimization using multiple controllers with different flow update modes in Software Defined Network (SDN)”** is the bonafide work of **J.T. Nandhini (16IS007)** who carried out the work under my supervision during the academic year 2017-2018. 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

Dr.S.MUTHURAMALINGAM, M.E, Ph.D.,

ASSOCIATE PROFESSOR & HEAD

DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.


SIGNATURE

Dr.S.MUTHURAMALINGAM, M.E, Ph.D.,

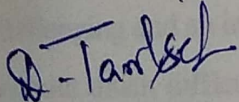
ASSOCIATE PROFESSOR & HEAD

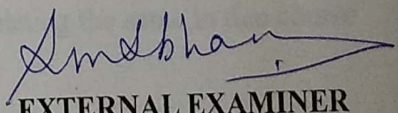
DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.

Submitted for the VIVA VOCE Examination held at Thiagarajar College of Engineering,
Madurai-15 on 4.5.18


INTERNAL EXAMINER


EXTERNAL EXAMINER

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Govt. Aided ISO9001:2008 Certified Autonomous Institution, Affiliated to Anna University)



BONAFIDE CERTIFICATE

Certified that this Report Titled “Evaluating Bandwidth Utilization during Resource Attack in SDN Controller - Switch Communication” is the bonafide work of **R. Guru Roja (I6IS003)** who carried out the work under my supervision during the Academic Year 2017-2018. 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

Dr.S.Muthuramalingam, M.E., Ph.D.,
ASSOCIATE PROFESSOR & HEAD

DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.

SIGNATURE

Ms. S. Sujitha, M.E.,
ASSISTANT PROFESSOR

DEPARTMENT OF INFORMATION
TECHNOLOGY,

THIAGARAJAR COLLEGE OF
ENGINEERING,

MADURAI - 625 015.

Submitted for the VIVA VOCE Examination held at Thiagarajar College of Engineering,
Madurai-15 on 4-5-18

INTERNAL EXAMINER


EXTERNAL EXAMINER

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI - 15
(A Government Aided ISO 9001 : 2000 Certified Autonomous Institute Affiliated to Anna University)



BONAFIDE CERTIFICATE

Certified that this project report “Energy Aware Resource Management in Cloud Data center” is the bonafide work of **P.SINDHIYA (16IS011)** who carried out the project work under my supervision during the Academic Year 2017-2018.


SIGNATURE

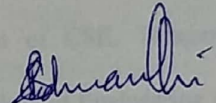
Dr.S.Muthuramalingam, M.E., Ph.D.,

HEAD OF THE DEPARTMENT

Information technology

Thiagarajar College of Engg.

Madurai – 15


SIGNATURE

Dr. S.Padmavathi, M.E., Ph.D.,

PROFESSOR

Information technology

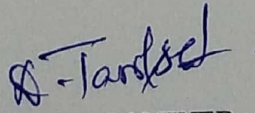
Thiagarajar College of Engg.

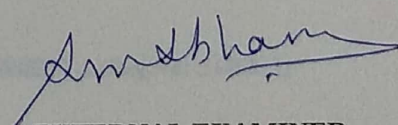
Madurai – 15

Station: Madurai

Date:

Submitted for the “VIVA-VOCE” Examination held at Thiagarajar College of Engineering
on 4-5-2018


INTERNAL EXAMINER


EXTERNAL EXAMINER

26th, April, 2017

Yoga Priya J
Thiagarajar College of Engineering
Madurai
Tamil Nadu

Mayilsamy K

Technical Manager

FN-BBA

Direct office: +91 44 3312 8000

Direct fax: +91 44 33128945

Alcatel-Lucent India Limited

(A Nokia Corporation Company)

Office Address:

14th & 15th Floor,

Tower C,

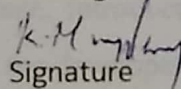
DLF Cyber Greens,

DLF City, Phase - III,

Gurgaon - 122 002,

Haryana, India

Certified that Ms. **Yoga Priya J (15IS018)** bearing **UPI NO: CA0205886** has undergone Internship regarding the project **"Software Implementation of Trace and Debug Framework for Quality of Service Module"** at our organization. The trainee was found to be regular, punctual and attentive during the period of training at our organization.


Signature

Mayilsamy K

Regd. Office:

Alcatel-Lucent India Limited

(A Nokia Corporation Company)

202-206,

Tolstoy House,

15 Tolstoy Marg,

New Delhi - 110 001,

India

Corporate Identity Number:

U72200DL1992PLC047870

26th April 2018

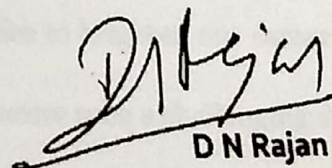
CERTIFICATE BY EXTERNAL GUIDE

This is to Certify that the project report entitled "**File and Printer Sharing Using Samba for Residential Gateways**" submitted by **Meena S (16IS005)** to Thiyagarajar College of Engineering in partial fulfillment of the requirement for the award of the degree of M.E (Computer Science and Information Security) is a record of bonafide work carried out by her under my guidance. The project fulfils the requirement as per the regulations of this Institute and in my opinion, meets the necessary standards for submission. The content of this report have not been submitted and will not be submitted either in part or in full, for the award of any other degree or diploma in this institution or any other Institute or University.

Alcatel-Lucent India Limited
(A Nokia Corporation Company)
Office Address:
14th & 15th Floor,
Tower C,
DLF Cyber Greens,
DLF City, Phase - III,
Gurgaon - 122 002,
Haryana, India.

Regd. Office:
Alcatel-Lucent India Limited
(A Nokia Corporation Company)
202-206,
Tolstoy House,
15 Tolstoy Marg,
New Delhi - 110 001,
India
Corporate Identity Number:
U72200DL1992PLC047870

Signature of External supervisor



D N Rajan

Technical Manager

Ref:KSCI:HR & Admin:2018-19

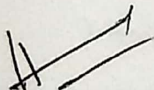
19.04.2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. K. Rohini**, Master of Engineering - Computer Science and Information Security from Thiagarajar Engineering College, Madurai has successfully completed an internship project in the role of Software Developer Intern in Kewaunee Scientific Corporation India Private Limited. The internship duration was from 11.01.2018 to 19.04.2018.

During this period she worked on GUI development for customer feedback management KGCS and successfully met the objectives that were set at the beginning of the project. Ms. K. Rohini had shown dedication and skill in her work and we wish her all the best in all her future endeavors.

For Kewaunee Scientific Corporation India Private Limited,


Harikrishna Rao K
Director – Factory Operations

