

Reg.No. 20091032007/RG

The Syndicate of the Anna University hereby makes known that SIVAKUMAR R has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Civil Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2015. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

PERFORMANCE EVALUATION OF UASBR FOR TREATING INDUSTRIAL WASTES

Given under the Seal of the University



Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

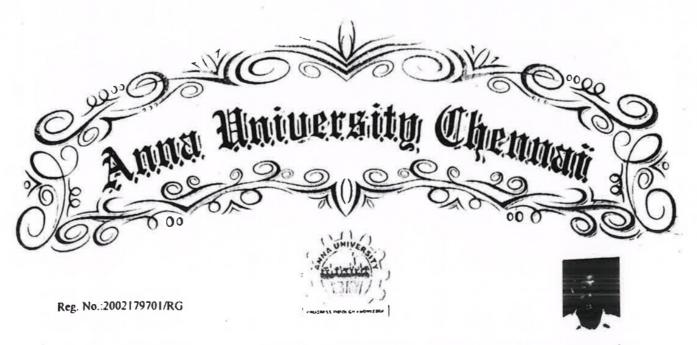
E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Chennai 600 025 India January 2016

Controller of Examinations 2

Registrar

Vice Chancellor



The Syndicate of the Anna University Chennai hereby makes known that SEKARAN V has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Civil Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2009.

Title of the thesis:

COMPARISON AND MODELLING OF ZONE SETTLING DATA FOR CYLINDRICAL AND VARYING CROSS SECTIONAL THICKENERS FOR DIFFERENT TYPES OF SUSPENDED MATERIALS

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

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nady,

Given under the Seal of the University

Chennai 600 025

India

February 2010 Controller of Examinations

Vice-Chancellor



# **FACULTY OF ENGINEERING**

The board of management of the Bharath University here by makes known that RAJPRASAD J born on 16-DEC-1979 has been admitted to the DOCTOR OF PHILOSOPHY in CIVIL ENGINEERING, he/she having satisfactory completed the prescribed programme of study and have been certified by duly appointed Examiner to have qualified to receive the same at the examination held on FEB 2012 with Registration number D07CE009

Thesis Title:

Experimental Investigation on treated recycled Aggregate PRINCIPAL College.

Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Dr. S. RAMABALAN, M.E., Ph.P.

Siven under the Seal of the University

DATE 173 Agaram Road Chennai - 600 073 Tamil Nadu

CONTROLLER OF EXAMINATIONS

DR.M.PREMJEYAKUMAR

REĞISTRAR Dr.Prof. S.M.RAJENDRAN MD.ERC.P/U.KL.FOMSA VICE - CHANCELLOR Dr.K.P.THOOYAMANI B.E,M.B.A,M.SC,ENGG..



Reg.No.20091012003/RG



The Syndicate of the Anna University hereby makes known that ELLISS YOGESH R has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Civil Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2018. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

ADVANCED OXIDATION OF TANNERY WASTEWATER FOR COD REDUCTION

Given under the seal of the University



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

PRINCIPAL

E.G.S. Pillay Engineering College,

Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Chennai 600025

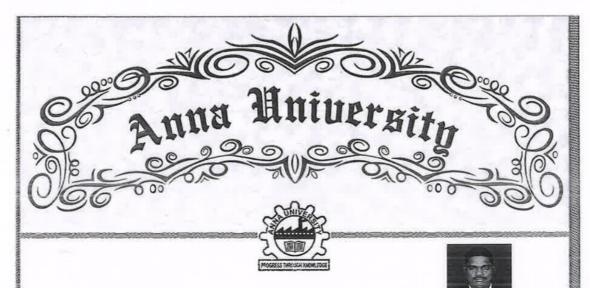
India

June 2018

25 7. Controller of Examinations

Registrar

istrar Nice-Chancellor



Reg.No. 20104022003/RG

The Syndicate of the Anna University hereby makes known that CHINNADURAI M has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2016. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

A NOVEL FRAMEWORK FOR OPTIMIZING SCHEDULING ALGORITHMS IN HIGH LEVEL SYNTHESIS TOOLS

Given under the Seal of the University



Chennai 600 025 India

May 2017

ontrolls of Examinations Regiona

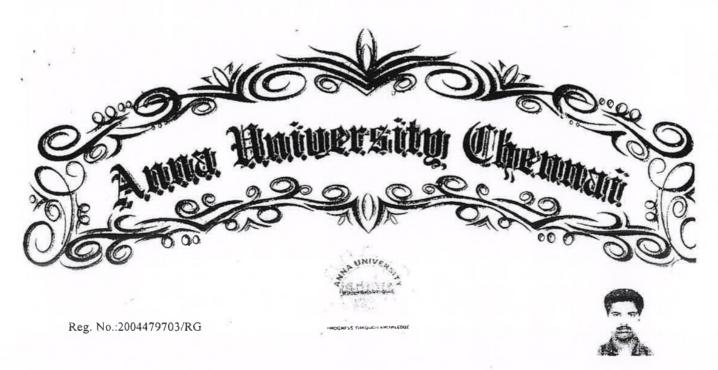
Dr. S. RAMABALAN, M.E., Ph.D. PRINCIPAL

PRINCIPAL
E.G.S. Pillay Engineering College.

Thethi, Pagole - 61, 002. Nagapattinam (D) Tanki Nadu.

Chairman, Convener Committee

Vice-Chancellor



The Syndicate of the Anna University Chennai hereby makes known that APPAVU alias BALAMURUGAN S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the aily appointed examiners to be qualified to receive the same in the year 2009.

Title of the thesis:

CLASSIFICATION PERFORMANCE OF **ENHANCING** THE ALGORITHMS THROUGH DATASET TUNING, FEATURE SELECTION AND EXCEPTION HANDLING ATTESTED

> Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu. Given under the Seal of the University



Chennai 600 025

February 2010 Controller of Examinations

Vic:-Chancellor



SI.No.AB20170264

SI.No.AB2017

# பொரியியர் புலம் **Faculty of Engineering**



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு கணேசன் தி

கணினி அறிவியல் மற்றும் பொறியியல் பாடப்பிரிவில்

அறிஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற தேர்வினோர் சான்றளித்தவாறு ஜுன் 2017 ஆம் ஆண்டில் இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கூக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the WANONWA MAM SUNDARANAR UNIVERSITY hereby makes known that GANESAL has been admitted to the Degree of Doctor of Philosophy in COMPUTER SCIENCE AND IGNEERING

been certified by duly appointed Examiners he / she having

be qualified to receive the same in the year JUNE 2017

Given under the seal of the University.





திருநெல்வேலி, இந்தியா Tirunelveli, India јъте́т / Dated 06.12.2017 (Dr.S.Prabahar)

கேர்வாணையர் Controller of Examinations



E.G.S. Pillay Engineering Vollege,

பதிவாளர் Registrar

துணைவேந்தர் Vice-Chancellor



Reg. No.:2003479727/RG

The Syndicate of the Anna University hereby makes known that SENTHAMARAI KANNAN S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2010.

Title of the thesis:

IMPROVING CLUSTERING AND CLASSIFICATION PERFORMANCE THROUGH EFFECTIVE ATTRIBUTE SELECTION

Chennai 600 025

December 2010 Controller of Examinations

Given under the Seal of the University

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

PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002.

Vice-Chancellor

Serial No. C27/18/11205

ANAMANAN BEBEREER BEBERE BEBEREER BEBEREER BEBEREER BEBEREER BEBEREER BEBEREER BEBEREER BEBEREER BEBER

Register No.

PHD 1842





The Vice-Chancellor and the Executive Council of the Tondicherry University, on the recommendations of the duly appointed Board of Examiners, hereby declare that

PRIYA, M.

has been admitted to the Degree of

# DOCTOR OF PHILOSOPHY

in Computer Science and Engineering for the thesis entitled "Distributed Trocessing of Spatial Textual Query Using Trobabilistic Technique" in April 2019.



Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.

B · Clifeurs Registrar

Puducherry Date Vice-Chancellor



# பொறியியற் புலம் **FACULTY OF ENGINEERING**

மனோன்மணியம்	சுந்தரனார்	பல்கலைக்கழக	ஆட்சிக்குமு
்	<mark>கண்ணன் சா</mark>	⁄	
கணினி இப	பல் மந்தும் பொறிய	ியல் பாடப்பிரிவில் /	

அழிஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற ஜனவரி 2013 ஆம் ஆண்டில் தேர்வினோர் சான்றளித்தவாறு இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY KANNAN S hereby makes known that

has been admitted to the Degree of Doctor of Philosophy in COMPUTER SCIENCE AND ENGINEERING

he / she having been certified by duly appointed Examiners to be qualified 2013 **JANUARY** to receive the same in the year

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002.

Given under the seal of the University. Nadu.

திருநெல்வேலி, இந்தியா Tirunelveli, India 23.09.2013

Schihiran (Dr.S.Prabahar)

தேர்வாணையர் Controller of Evaminations

(Dr.T.Tamizh Chelvam)

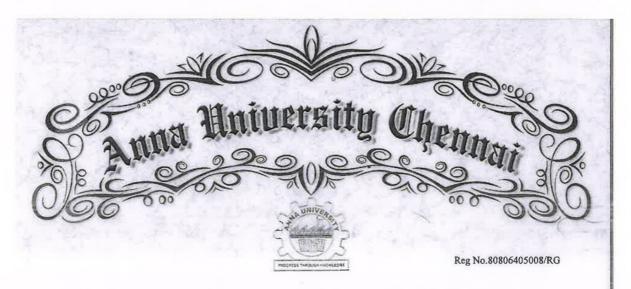
பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

பதிவாளர்

Registrar

(Dr.A.K.Kumaraguru)

துணை வேந்தர் Vice-Chancellor



The Syndicate of the Anna University Chennai hereby makes known that MURALI N has been admitted to the DEGREE OF MASTER OF ENGINEERING in COMPUTER SCIENCE AND ENGINEERING under the Faculty of Information and Communication Engineering, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same, and has been placed in FIRST CLASS at the Examination held in NOVEMBER 2008.

Chennai 600 025 India

India
June 2009

Controller of Examinations

Given under the Seal of the University

Registrar

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College,

Thethi. Nagore - 611 002.

Vice-Chancellor



Reg.No.1414459842/RG



The Syndicate of the Anna University hereby makes known that MANIVANNAN R has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

LOW LATENCY ANONYMITY DETECTION AND PREVENTION USING NOVEL DIVERSITY MIX TECHNIQUES

Given under the seal of the University



Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Chennai 600025 India

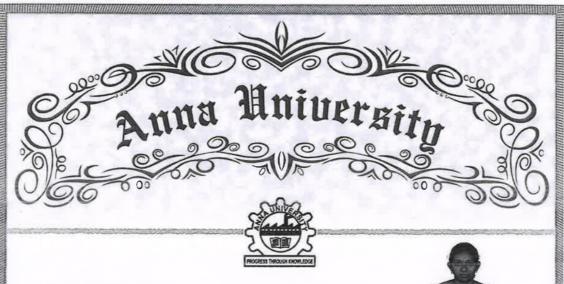
June 2018

Controller of Examinations



Registrar





Reg.No. 1323469213/RG

The Syndicate of the Anna University hereby makes known that **ELAKIYA E** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Information and Communication
Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2020. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".
Title of the Thesis:

TOPIC AND SUBTOPIC DETECTION USING TEXT MINING

Given under the Seal of the University

Chennai 600 025

India

March 2021

Controller of Examinations

Pagistrar

Wice Chancellor

Dr. S. RAMABAZAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.



Reg.No. 20093012012/RG

The Syndicate of the Anna University hereby makes known that MOHAN V has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Electrical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2015. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

PERFORMANCE ENHANCEMENT OF AC-DC-AC CONVERTER SYSTEMS

Given under the Seal of the University

POWER POWER POWER

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

E.G.S. Pillay Engineering College, Thethi: Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.

Chennai 600 025 India January 2016

Controller of Framinations

Consisterar

Wice Chancellor

Serial No.: C24/15/20703

ndicherry Aniversity

The Vice-Chancellor and the Executive Council of the Pondicherry University, on the recommendations of the duly appointed Board of Examiners, hereby declare that

# SURESH PADMANABHAN, T.

has been admitted to the Degree of

# DOCTOR OF PHILOSOPHY

having submitted a thesis entitled "NOVEL CONTROL STRATEGIES FOR AC-AC POWER CONVERSION SYSTEMS"

and having successfully completed the prescribed requirements in the year MARCH 2015.

ELECTRICAL AND ELECTRONICS ENGINEERING. Discipline:

Given under the Seal of the University

Puducherry Date 4 OCT 2016 Dr. S. RAMABAKAN, M.E. Ph.O., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.



# Faculty of Engineering and Technology

The Board of Management of the SRM University

hereby makes known that

PALANTVEL P

has been admitted to the degree of Doctor of Philosophy,

having been certified by duly appointed examiners to be

qualified to receibe the same in DECEMBER - 2012

Title of the Thesis: PERFORMANCE ANALYSIS OF THREE PHASE CASCADED MULTILEVEL INVERTERS USING PULSE WIDTH MODULATION TECHNIQUES (ELECTRICAL AND ELECTRONICS ENGINEERING)

Gitten under the seal of the University



28-DEC-2012

SRM NAGAR KATTAHEULATHUR 1907-2007 KANCHEFURAN (DEST) TAMENADE, DIEKA

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002

Nagapattinam (Dt) Tamil No



# Annamalai



# University

Register No. 1434110002

# PROVISIONAL CERTIFICATE - Ph.D

This is to certify that GANESAN @ SUBRAMANIAN G
has qualified himself / herself for the award of the Degree of Doctor of Philosophy in

ELECTRICAL ENGINEERING (EXTERNAL)

on **09/03/2020** and he/she having been certified by duly appointed examiners and approved by the Syndicate of the University.

# TITLE OF THE THESIS

"PRICE BASED AUTOMATIC GENERATION CONTROL WITH OPTIMAL PLANNING OF ANCILLARY SERVICES IN THE INTEGRATED MARKET SYSTEMS CONSIDERING DIVERSE ENERGY SOURCES IN RESTRUCTURED POWER SYSTEM"

Annamalainagar - 608 002

Date: 22/06/2020

THE LANGER TO SEE STATE OF THE SEE STATE

Melwanary
Controller of Examinations

Dr. S. RAMABAYAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi. Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



# ANNA UNIVERSITY **CHENNAI - 600 025** PROVISIONAL CERTIFICATE

Folio No.:

RAR013215

This is to certify that the candidate has qualified for the award of Degree of Doctor of Philosophy in compliance of the UGC Regulations 2016 as detailed below:

Name

CHITRAKALA G

**Registration Number** 

: 16243597182

Degree

: Ph.D.

Department / Centre / Subject : PETROCHEMICAL TECHNOLOGY

**Faculty** 

: ELECTRICAL ENGINEERING

Date, Month & Year of Viva-Voce

**Examination held** 

: 14.12.2020

Title of the Thesis

: DISTORTION REDUCTION, COMPONENTS COUNT WANING AND CONDUCTION PATH **CURBING OPTIONS IN MULTILEVEL** 

INVERSION



PRINCIPAL E.G.S. Pillay Engineering College,

Thick Hamor 24

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

· Samuel

Controller of Examinations

Chennai - 600 025 Date: 07-JAN-2021





3

ê

Reg No. 7081051115

The Syndicate of the Anna University Coimbatore hereby makes known that RAJARAM A has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING having been certified by the duly appointed examiners to be qualified to receive the same in the year 2011.

Title of the thesis:

0

100 m

0

A TRUST BASED DISTRIBUTED AUTHENTICATION PROTOCOL FOR SECURITY IN MOBILE AD HOC NETWORKS

> Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002.

Given under he cal of the University



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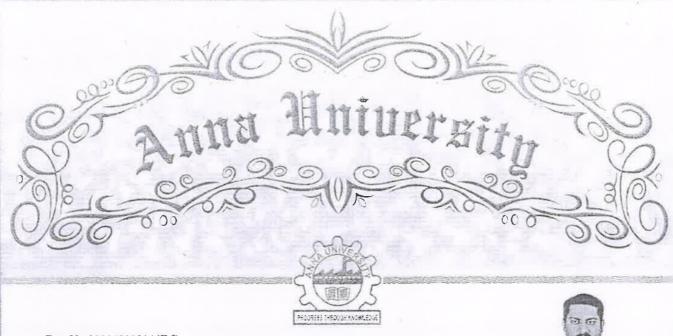


community of Lyammations



Registrat

Vice- hancellor



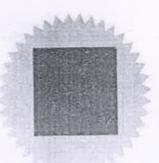
 ${\rm Reg. No. 20104012014/RG}$ 



The Syndicate of the Anna University hereby makes known that PADMANABAN B has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2018. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

INVESTIGATIONS ON THE CHARACTERISTICS OF GATE ENGINEERED GATE ALL AROUND MOSFET FOR BIOMOLECULE DETECTION



Given under the seal of the University

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Chemai 600925

£218.1039

Inne 2018

Controller of Examinations

Registrar

M. K. South



The Syndicate of the Anna University hereby makes known that SUNDAR RAJ A has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2018. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009" Title of the Thesis:

NOVEL SENSING MODELS AND CLUSTERING METHODOLOGIES IN WIRELESS SENSOR NETWORK FOR MANAGING ENERGY UTILIZATION



Given under the seal of the University

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Cheenal 600025

Tirlia

June 2018

Controller of Examinations

Registrar



Rug No 17244597588/RG

The Syndicate of the Anna University hereby makes known that SATHIYA V has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2020. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".

Title of the Thesis:

EVOLUTIONARY ALGORITHMS BASED MULTI-OBJECTIVE

TRAJECTORY PLANNING OF MOBILE ROBOTS



Given under the Seul of the University

Chennai 600 025

India

March 2021

of Omes

Controller of Examinations

Registrar

M. K. C. Du.

ATTESTED

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

PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamil Nadu.



The Syndicate of the Anna University hereby makes known that VIJAYALAKSHMI P has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

STUDY ON THE INFLUENCE OF SURFACTANTS IN IMPROVING THE PERFORMANCE OF TURNING PROCESS

Given under the seal of the University



ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Chennal 600025

India

June 2018

7. Sm

Resistrar

M. P. Street



# ANNA UNIVERSITY CHENNAI - 600 025

# PROVISIONAL CERTIFICATE

Folio No.: PAR014200

This is to certify that the candidate has qualified for the award of *Degree of Doctor* of *Philosophy* in compliance of the UGC Regulations 2009 as detailed below:

Name

ANAKATH A S

Registration Number

1513459177

Degree

Ph.D.

Department/Centre

MATHEMATICS

Faculty

INFORMATION AND COMMUNICATION

**ENGINEERING** 

Date, Month & Year of Viva-Voce

Examination held

11.10.2017

Title of the Thesis

A STUDY OF PRIVACY PRESERVING AUTHENTICATION WITH ANONYMITY AND MULTI FACTOR SECURITY IN

CLOUD COMPUTING ENVIRONMENT

Chennai 600 025

13-NOV-17

Controller of Examinations

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

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.



Reg.No. 16154597382/RG

The Syndicate of the Anna University hereby makes known that MANIKANDAN'S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2020. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".

Title of the Thesis:

DESIGN OF AGENT INTERACTION SYSTEM FOR MONITORING DATA LOGGING IN REMOTE LOCATION

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

E.G.S. Pillay Engineering College, Thethi. Nagore - 611 002.

Given under the Seal of the University

Chennai 600 025

March 2021

7 Controller of Examinations

Registrar

M. E. STOL-Vice-Chancellor



# ANNA UNIVERSITY CHENNAI - 600 025 PROVISIONAL CERTIFICATE

Folio No.:

RAR014593

This is to certify that the candidate has qualified for the award of **Degree of Doctor of Philosophy** in compliance of the UGC Regulations 2016 as detailed below:

Name

MANIKANDA KUMARAN K

**Registration Number** 

: 16144597379

Degree

Ph.D.

Department / Centre / Subject :

COMPUTER SCIENCE AND ENGINEERING

Faculty

INFORMATION AND COMMUNICATION

ENGINEERING

Date, Month & Year of Viva-Voce

**Examination held** 

15.10.2020

Title of the Thesis

TASK OFFLOADING OPTIMIZATION FOR CLOUD-ENHANCED ROBOTIC SYSTEM USING

HYBRID INTELLIGENT GENERIC ALGORITHM



Chennai - 600 025

Date: 07-NOV-2020

Controller of Examinations

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Billay Engineering Callege

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.



# பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSIT

# வணிகவியல் புலம் TACULTY OF COMMERCE

2011 பாதிதாகள் பல்கலைக்கழக ஆட்சக் தழு ஐற்கை

51 25TILd 24 Egili Sys XI R ரா. கார்த்தி முனைவர் जाजभारता हो। ബത്ന് കബിലര് பிரிவின் தக்க தேர்வாளர்கள் சான்றளித்துபடி பெற்றவர் 3053 हा दशासा けるしあるのぶ 先きはっき முனைவர் என்னும் அவருக்குப் பட்டத்தை இவச்சினையுடன் வழங்குகிறது.

BHARATHIDASAN UNIVERSITY herebu mukes Syndicate the has been uumitte. R. KARTHI that known OF PHILOSOPHY in DOCTOR : sumocc Degree certified having been. bu COMMERCE. gunlified to receive the be same appointed Examiners to

JULY 2011

Thesis Title

"A STUDY ON CUSTOMERS ATTITUDE TOWARDS THE SERVICES OF LIFE INSURANCE CORPORATION OF INDIA AT NAGAPATTINAM DISTRICT - TAMILNADU"

AN, M.E., Ph.D.,

Given under the seal of the Universities. S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

த்ருக்கிராப் பாரி Tiruchirappalli

10th November 2011

பதின்னா Registrar

Service of Vice - Chancello-

0 NOV 2011



# Bharathiar University பாரதியார் பல்கலைக் கழகம் FACULTY OF COMMERCE ഖഞ്ഞിക്ക്വിധാർ പ്പാ



என்னும் பிரிவில் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் ഖഞ്ഞിക്ഖിധ്പാ தேர்வாளர் குழு, பல்கலைக் இலச்சினையுடன், பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது. 10 ஆம் நாளில் அமைக்கப்பட்ட பட்டத்தைப் ஆம் ஆண்டு, ஏப்ரல் انهزاه முறையாக அவருக்கு கழகத்தால் சந்திரசேகர் எஸ் ,2013 ग्रांका, பாரதியார் பல்கலைக் சான்றளித்ததை

The Syndicate of the Bharathiar University hereby makes known that CHANDRASEKARS has been admitted to the Degree of DOCTOR OF PHILOSOPHY in COMMERCE, having been certified by duly appointed Examiners to be qualified to receive the same on 10th APRIL 2013.

Given under the Seal of the University. 🦍 K. G. Senthynn

MABALAM, M.E., Ph.D.

E.G.S. Pillay Engineering College,

PRINCIPAL



Registrar பதிவாளர்

தேர்வாணையர்

Dated: Sun Jurie 20%

கோயற்புத்தூர் Coimbatore

Controller of Examinations

Vice-Chancellor துணைவேந்தர்

A AAAAAAA

# மதுரை காமராசர் பல்கலைக்கழகம் Madurai Kamarai University



FACULTY OF SCIENCE - COMPUTER SCIENCE அறிவியற் புலம் - கணினி அறிவியல்

2015 ஆம் ஆண்டில் மதுரை காமராசர் பல்கலைக்கழகத்தில்

ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேட்டுக்காக

12-11-2015

நாளன்று முனைவர் பட்டம்

தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றனிக்கப்பட்டு

சந்திரபோஸ், அ.

ு என்பவருக்கு முணைவர் பட்டம் அளிக்கப்படுகிறது என்று மதுரை காமராசர் பல்கலைக்கழக

ஆட்சிப் பேரவை அறிவிக்கின்றது. 🔾 வதுரை காட்றாகர் பல்கமைக்கழக இலச்சினையுடன், மதுரையில்

2016

Mic Mark

பிப்ரவரி Societa 12 ஆம் நாள் அளிக்கப்பட்டது.

The Senate of the Madurai Kamaraj University hereby makes known that CHANDRABOSE, A.

has been conferred the

# DEGREE OF DOCTOR OF PHILOSOPHY

he I she having been certified by duly appointed Examiners to be qualified to receive the same as on 12-11-2015

Madural Kamaraj University, at Madural seal of the Given under the 12th day of February 2016

Title of the Thesis: "A FRAME WORK FOR THE ENGINEERING OF RELIABLE DISTRIBUTED SYSTEM".



Udamagan, ugjang - 625 021 Palkalainagar, Madural - 625 021

Subject Area: COMPUTER SCIENGERAMABALAN, M.E. Ph.D. PRINCIPAL

E.G.S. Pillay Engineering College. Thethi, Nagore - 611 003.

Nagapattinam (Dt) Tarnii Ivadu.

பதிவாளர்கிப்சதுபடி Registrar ./p-sherge

Convener, Syndicate Committee general author Vice-Chancellor

Controller of Examinations



# பாரதியார் பல்கலைக் கழகம் Bharathiar University

जाणीनीयारं प्रथां

# FACULTY OF SCIENCE

⊕(y.	கணிப்பான் அறிவியல்	<i>क्तां जाति क्रुं</i> काम्	இலச்சினையுடன்.	
தேர்வாளர்	கணிப்பான்	என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச்	अपुर क्यून	
היוחרים	(si)	க்குதியன்	-16	
அமைக்கப்பட்ட	क्रा क्रीक	GUDS	பல்கலைக்	। ग्रेकी
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முறையாக	icuit 4		பட்டத்தைப்	(4)(A)
÷	Mon Geil ibuit 4-Mi	ஆய்வியல் அறிஞர்	.7	கழக ஆட்சிக் குழு வழங்குகின்றது.
பாரதியார் பல்கலைக் கழகத்தால்	2019ஆம் ஆண்	இயல் அ	نجؤاه	क्पृक
തെല് ക	201	ஆய்வ	भवातुरुंक	பாரதியார் பல்கலைக்
ர் பல்க	ņт,	1.වි.අන්වික්ව	Alon(	<b>ग</b> मं प्रकं
பாரதிய	வனிதா ஐா,	என்னும் பிரிவில்	ஏற்று.	பாரதிய

VANITHA J COMPUTER SCIENCE, having been certified by duly appointed Examiners to be qualified to receive the same on 4th SEPTEMBER 2019. that Rivann in DOCTOR OF PHILOSOPHY makes hereby University to Bharathiar Degree the the to admitted Syndicate been has



Given under the Seal of the University.

தேர்வாணையர்(பொ)

பதிவாளர்(பெர)

E,G.S. Pillay Engineering College, Nagapattihal) (QUV Comin)

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

PRINCIPAL

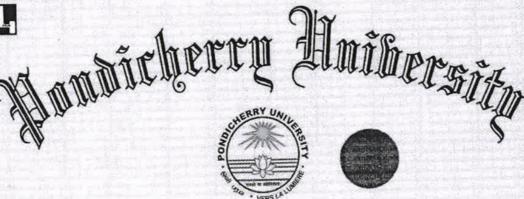
ATTESTED

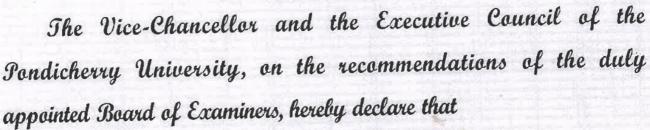
துணைவேந்தர்

Vice-Chancellor

Registrar(i/c)







# ARUNKUMAR, P.

has been admitted to the Degree of

# DOCTOR OF PHILOSOPHY

in Computer Science and Engineering for the thesis entitled "A Multi-Objective Pareto based Hyper-Heuristic approach to optimize scientific and big data workflows task scheduling in IAAS cloud" in November 2019.



ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002 Nagapattinam (Dt) Tamil Nadu.

Po · CliMuus Registrar

Puducherry
Date 2 6 FFR 7070

Vice-Chancellor



The Syndicate of the Anna University Chennai hereby makes known that RAMABALAN S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2009.

Title of the thesis:

**EVOLUTIONARY** TRAJECTORY **PLANNING FOR** INTELLIGENT ROBOTS

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Given under the Seal of the University

Chennai 600 025

Female 2010 Controller of Examinations

Vice-Chancellor



# அண்ணாமலைப் பல்கலைக்கழகம்





பொறியியற்புலம் FACULTY OF ENGINEERING & TECHNOLOGY

செப்டம்பர் 2015 இஸ்

உருவாக்கப் பொறியியல்

பிரிவில நட*த்திய* தேர்வுகளில் கிரஷ்ண மோகன் சு

தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்கு முவிளர் சான்றளித்தபடி, ஆய்வியல் அறிஞர் பட்டம் பெறுவகற்க உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு 2 sorous அறிவிக்கின்றது.

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known trat KRISHNAMOHANS has been admitted to the Degree of DOCTOR OF PHILOSOPHY in MANUFACTURING ENGINEERING, he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in SEPTEMBER, 2015.

> TITLE OF THE THESIS SOME STUDY ON Ti6A14V/SiCp NANO COMPOSITES.

ுல்கலைக்கழக முத்திரை பெறுகின்றது Given under the seal of the University



SHOTS ON TILDESTAUGAT Annamalainagar

3-67:

பத்வானர் (பொறுப்பு)

Dr. S. RAMABALAN, M.E., Ph.O., PRINCIPAL E.G.S. Pillay Engineering College,

Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

> Dr.S.Manian துகைய வேர்கர்



# அண்ணாமலைப் பல்கலைக்கழகம்





பொறியியற்புலம் FACULTY OF ENGINEERING & TECHNOLOGY

டிசம்பர் 2017 இல்

உருவாக்கப் பொறியியல்

அறிவிக்கின்றது.

பிரிவில் நடத்திய தேர்வுகளில்

ராமானுஜம் ந

தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி. ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இதன்வழி

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes that RAMANUJAM N has been admitted to the

DOCTOR OF PHILOSOPHY in MANUFACTURING ENGINEERING, Degree of

he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in DECEMBER, 2017.

TITLE OF THE THESIS

STUDY ON WEAR BEHAVIOR OF MAGNESIUM (AZ91) MATRIX WITH SiCp REINEFORCED COMPOSITE PRODUCED THROUGH ACCUMULATIVE DIFFUSION BONDING

பல்கலைக்கழக முத்திரை பெறுகின்றது Given under the seal of the University



Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

அண்ணாமலைநகர் Annamalainagar

நாள்:

Dated: 17/02/2018

பதிவாளர் (பொறுப்பு) Registrar (i/c)

Dr.S.Manian துணை வேந்தர் Vice-Chancellor



# அண்ணாமலைப் பல்கலைக்கழகம்







பொ**றியியற்பு**லம் FACULTY OF ENGINEERING & TECHNOLOGY

டிசம்பர், 2017

உருவாக்கப் பொறியியல்

பிரிவில் நடத்திய தேர்வுகளில் சிவராமகிருஷ்ணன் வே

தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி, ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இதன்வழி அறிவிக்கின்றது.

ANNAMALAI UNIVERSITY The Syndicate of the hereby makes known that SIVARAMAKRISHNAN V has been admitted to the DOCTOR OF PHILOSOPHY in MANUFACTURING ENGINEERING,

he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in DECEMBER, 2017.

## TITLE OF THE THESIS

STUDY ON HOT DEFORMATION BEHAVIOR OF MAGNESIUM (AZ91) MATRIX WITH SIC, REINFORCED COMPOSITES FABRICATED THROUGH ACCUMULATIVE DIFFUSION BONDING

பல்கலைக்கழக முத்திரை பெறுகின்றது Given under the seal of the University

அண்ணாமலைநகர் Annamalainagar

நாள்:

பதிவாளர் (பொறுப்பு)

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College. Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Dr.S.Manian

துணை வேந்தர்



# Indian Institute of Technology Madras

Doctor of Philosophy hereby confers the degree of

of the Institute

# SIVARAMAN V

for successfully completing the presorited programme of study and presenting the thesis entitled



ME08D011

STUDY ON MACHINABILITY OF A FERRITE-BAINITE-MARTENSITE

MICROALLOYED STEEL

Given this day the Twentyfirst of July, 2017

under the seal of the Institute.

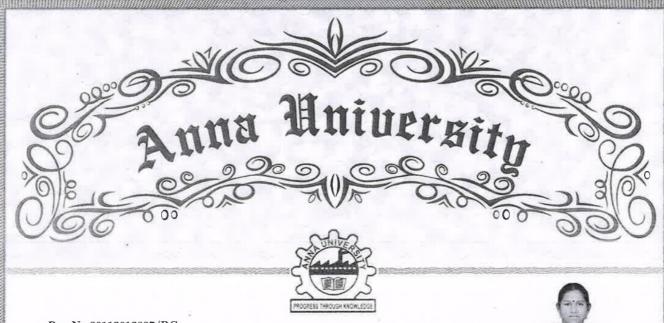
ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College. Nagapatiman (ปัญ โดกก ฟินติน. Thethi Nacore 611 102.

Chairman, Board of Governors

Registrar



Reg.No.20112012007/RG

The Syndicate of the Anna University hereby makes known that **JEEVAMALAR J** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Mechanical Engineering**. having been certified by the duly appointed examiners to be qualified to receive the same in the year **2017**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

EXPERIMENTAL INVESTIGATIONS AND PARAMETRIC STUDY OF ELECTRIC DISCHARGE DRILLING FOR INCONEL 718 ALLOY

Given under the seal of the University



Dr. S. RAMABALAN, M.E. Ph.D.,
PRINCIPAL

E.G.S. Pillay Engines Thethi. Nagore
Nagapattinam (Dt)

Chennai 600025 India

June 2018

Controller of Examinations

Registrar

M. K. Strake



Reg.No. 1314279202/RG

Title of the Thesis:

The Syndicate of the Anna University hereby makes known that CHOCKALINGAM S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2016. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

INVESTIGATION ON MACHINABILITY AND DAMPING PERFORMANCE BY MODIFICATION OF BORING BAR USING PASSIVE DAMPING METHOD

Given under the Seal of the University



Chennai 600 025

India May 2017

May 2017

Controller of Examinations

Registrar

Chairman, Convener Committee

Vice-Chancellor

ATTESTER

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillan Francisco

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.



### அண்ணாமலைப் பல்கலைக்கழகம் ANNAMALAI UNIVERSITY





### FACULTY OF ENGINEERING & TECHNOLOGY

The Syndicate of the ANNAMALAI UNIVERSITY

ereby makes

known that

NAVANEETHA KRISHNAN V

has been admitted to the

Degree of DOCTOR OF PHILOSOPHY in MANUFACTURING ENGINEERING

he/she having been certified by duly appointed Board of Examiners who valued

his/her thesis to be qualified to receive the same in JANUARY, 2019.

TITLE OF THE THESIS

"MECHANICAL AND TRIBOLOGICAL INVESTIGATION ON POLYMER NANO COMPOSITE"

Given under the seal of the University

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
G. College,
Thirty No.
Nogaphanomica, (27) Tallin hadu.



Annamalainagar
Dated: 30/11/2019

Dr. N, Krishnamohan Registrar (i/c)

**Dr. V. Murugesan**Vice-Chancellor





Code No. 0493C : S.No. 869561

### பாரத்தாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

Re-accredited with 'A' Grade by NAAC

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Act;
Member, Association of Indian Universities and Association of Commonwealth Universities)

அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு செப்டம்பர் ஆம் ஆண்டு அ. சார்லஸ் என்பவர் வேதியியல் பிரிவில் முனைவர் என்னும் பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

BHARATHIDASAN UNIVERSITY нетебу known that A. CHARLES has been admitted the DOCTOR Дедтее OF PHILOSOPHY, subject CHEMISTRY, having *been* certified 64 duly appointed Examiners qualified receive the same SEPTEMBER 2015.

Thesis Title

"PHYTOCHEMICAL AND BIOACTIVITY STUDIES OF ALSEODAPHNE SEMECARPIFOLIA NEES AND THUNBERGIA FRAGRANS ROXB



Given under the seal of the University

த்குச்சிரம்பன்வி Tiruchirappalli

ள் பத்வாளிர் R ii 05th November 2015 துணைவேந்தர் Vice-Chancello

J 033671

ISSUED ON

05-11-2015

ATTESTED

Dr. S. RAMABA AN, M.E., Ph.D., PRINCIPAL E.G.S. Pillay Engineering College,

Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamii Nadu.



### அறிவியற் புலம் FACULTY OF SCIENCE

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குமு கோபி சி

வேதியியல் பாடப்பிரிவில்

அநீஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற டிசம்பர் 2015 தேர்வினோர் சான்றளித்தவாறு ஆம் ஆண்டில் இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்தீரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY GOPI C hereby makes known that has been admitted to the Degree of Doctor of Philosophy in CHEMISTRY

he / she having been certified by duly appointed Examiners to be qualified DECEMBER 2015 to receive the same in the year



திருநெல்வேலி, இந்தியா Tirunelveli, India <sub>Бпат</sub>, Dated ... 13.02.2016 Given under the seal of the University.

Schihiran (Dr.S.Prabahar)

தேர்வாணையர் Controller of Examinations

(Dr.A.John De Brillo)

பதிவாளர் Registrar (Convenet)

துணை வேந்தர் Vice-Chancellor

MABALAN, M.E., Ph.D., Dr. S. R PRINCIPAL

E.G.S. Pilitay Engineering College, Thethi. Nagore - 611 102 Nagapatunam (Di) Tamii Nadu.

H 074565

இலச்சினையுடன் வழங்குகிறது.





Code No. 00690 :S.No. 733319

### **பாரத்தாசன் பல்கலைக்கழகம்** BHARATHIDASAN UNIVERSITY

(Established by the Government of Tamir Nadu in 1982; Recognized by UGC under 21 and 12B of UGC Act;
Member, Association of Indian Universities and Association of Commonwealth Universities; Accredited by NAAC with 'A' Grade)

அறிவியல் புலம் FACULTY OF SCIENCE

L	<i>ாரதிதாசல்</i>	ள் பல்கள	லைக்கழச	· 25	ட்சிக் குழு 🥃	ஆகஸ்டு <i>2013</i>
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முனைவர்	என்னு	ம்	பட்டத்தை		அவருக்குப்	பல்கலைக்கழக

of the BHARATHIDASAN UNIVERSITY *нетебу* такеs Syndicate S. PONSADAI LAKSHMI has admitted that been known PHILOSOPHY, OF Degree DOCTOR the subject CHEMISTRY, 64 duly having been certified qualified appointed the same Examiners to receive AUGUST 2013.

Thesis Title

"WATER QUALITY ÁSSESSMENT AND MONITORING IN AND AROUND MAYILADUTHURA! OF NAGAPATTINAM DISTRICT"



Given under the seal of the University.

Tiruchirappalli

Date: 25th November 2013

Lowy Registra

AUTHORIZED SIGNATORY

For

துணைவேந்தர் Vice - Chancellor

ISSUED ON : 2 5 NOV 2013

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.B.,

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamii Nadu.



### அன்னோமலைப் பல்கலைக்காகுக்

### ANNAMALAI UNIVERSITY





கலை**யியற்**புலம் FACULTY OF ARTS

நவம்பர் 2014

ஆங்கிலம்

பிரிவில் நடத்திய தேர்வுகளில் அசாருதீன் நெ

தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி, ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு அறிவிக்கின்றது. இதன்வழி

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known that ASHARUDEEN N has been admitted to the

DOCTOR OF PHILOSOPHY in ENGLISH, Degree of

he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in NOVEMBER, 2014.

TITLE OF THE THESIS

AN ANALYSIS OF FLUSTERED CHARACTERS IN THE SELECT PLAYS OF SAM SHEPARD

பதிவாளர் (பொறுப்பு)

Registrar (t/c)

பல்கலைக்கழக முத்திரை பெறுகின்றது Given under the seal of the University

அண்ணாமலைநகர் Annamalainagar

நாள்:

Dated: 26/02/2016

AM, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.

Dr.S.Manian துணை வேந்தர் Vice-Chancellor





Reg.No. 31514-Ph.D-MAT

Code no. A95B5 : S.No.

Re-accredited with 'A' Grade by NAAC

the Government of Taruil Nadu in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Act; bet, Association of Indian Universities and Association of Commonwealth Universities)



### அறிவியல் புலம் FACULTY OF SCIENCE

	பாரதிதாசன்	பல்கண	லக்கழக	ஆட்சிக் கு	œ.	அக்டே	<b>ாபர்</b> 2018
ஆம்	ஆண்டு			தீபா இரா			என்பவர்
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சான்ற	ளித்தபடி	முகை	சுவர்	என்னும்	ىند	த்தை	அவருக்குப்
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	The	Syndia	cate of the	BHARATH	IDASA	VINU NA	ERSITY	hereb	y makes
knou	m	that		DEEPA	R		has	бееп	admitted
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MAT	HEM	ATICS	THE COLUMN				having	been	certified
бу	dи	ly	appointed	Examiners	to	бе	qualified	to	receive
the	sami	e in	OCTOBER	2018.					

Place of Study: TRANQUEBAR BISHOP MANICKAM LUTHERAN COLLEGE PORAYAR.

### Title of the Thesis

"AN OVERVIEW ON THE DEVELOPMENT OF FUZZY RANDOM VARIABLES"



Given under the seal of the University.



M 050165

tober 2018

12-11-2018

ISSUED ON :

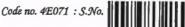
வேந்தர் Vice - Chancellor

Dr. S. RAMABALAN, M.E., Ph.D. PRINCIPAL E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002.

Nagapattinam (Dt) Tamil Nadu.

Reg.No. 49521-Ph.D-MAT







# பாரதிதாசன் பல்கலைக்கழகம்



(Accredited with A+ Grade by NAAC in the Third Cycle)

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Act; Member, Association of Indian Universities and Association of Commonwealth Universities)

### அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசல	ள் பல்கலைக்	கழக	ஆட்சிக்	குழு		ஜுன்	T 2019
ஆம் ஆண்டு		ð	<mark>கமலநாதன்</mark>	சா			என்பவர்
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					9	NF 201	in 111	same	t.he

Place of Study: TRANQUEBAR BISHOP MANICKAM LUTHERAN COLLEGE PORAYAR.

### Title of the Thesis

"CONTRIBUTION TO THE STUDY ON RANKING METHODS ON FUZZY NUMBERS"

Given under the seal of the University.

Dr. S. RAMA E.G.S. Pillay Engineering College.

Thethi, Nagore - 611 002. Nagapatimam (Dr) Tamii wadu.

துணைவேந்தர் Vice - Chancellor



O 000678

திருச்சிராப்பள்ளி Tiruchirappalli

Date : 1st October 2019

ISSUED ON: 01-10-2019





Reg.No. 58860-Ph.D-MAT



Code no. 802CC : S.No.



# பாரதிதாசன் பல்கலைக்கழகம்

(Accredited with A+ Grade by NAAC in the Third Cycle)

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Act; Member, Association of Indian Universities and Association of Commonwealth Universities)



### அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசல	ள் பல்கலைக்கழக	ஆட்சிக் கு	மு	மே	2019
ஆம் ஆண்டு		கவிதா த			என்பவர்
கணிதவியல்			பி	ரிவில்	முனைவர்
என்னும் பட்ட	_த்திற்குத் தகுதி	பெற்றவர்	என்று	தக்க	தேர்வாளர்கள்
சான்றளித்தபடி	முனைவர்	என்னும்	பட்ட	த்தை	அவருக்குப்
பல்கலைக்கழக	இலச்சினையுடன்	வழங்குகிற	து.		

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					<b>)</b> .	Y 2019	in MA	same	the

Place of Study: A.D.M. COLLEGE FOR WOMEN(Autonomous), NAGAPPATTINAM.

### Title of the Thesis

"A STUDY ON DOMINATION IN FUZZY GRAPHS"

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

PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002.

Given under the seal of the University.

Nagapattinam (Dt) Tamil Nadu.



095153

திருச்சிராப்பள்ளி Tiruchirappalli

நாள் : Date : 1st October 2019

ISSUED ON: 24-08-2021



துணைவேந்தர் Vice - Chancellor





hereby confers the degree of Doctor of Philosophy of the institute on

### EDWARD ANAND E

for successfully completing the prescribed programme of study and presenting the thesis entitled

CORROSION AND TRIBOLOGICAL STUDIES ON PULSE ELECTRODEPOSITED COBALT BASED COATINGS REINFORCED WITH CARBON NANOTUBES

at the viva-voce examination held on Twenty Ninth June 2015



Siven this day the twenty second of August, 2015 Under the seal of the Institute



TIRUCHIRAPPALLI - 620 015, INDIA



Huder Director Chairperson,
Board of Governors

1619

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamid Nadu.





Code No. 008CE S.No. 69032

# பாரத்தாசன் பல்கலைக்கழகம்

அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு டிசம்பர் 2017

ஆம் ஆண்டு

ந. மூர்த்தி

என்பவர்

இயற்பியல்

பிரிவில்

முனைவர்

என்னும்

பட்டத்திற்குத்

தகுதி பெற்றவர்

தக்க தேர்வாளர்கள் சான்றளித்தபடி

முனைவர்

என்னும்

என்று பட்டத்தை

அவருக்குப்

பல்கலைக்கழக

இலச்சினையுடன் வழங்குகிறது.

Syndicate known that

of the BHARATHIDASAN UNIVERSITY N. MOORTHY

been

hereby makes admitted

the

Degree

DOCTOR OF

PHILOSOPHY,

subject

appointed

PHYSICS,

having Examiners

been qualified certified receive

has

Бу

in

DECEMBER 2017.

Thesis Title

"QUANTUM CHEMICAL CALCULATIONS AND SPECTRAL ANALYSIS OF SOME ORGANIC NON LINEAR OPTICAL CRYSTALS"

Given under the seal of the University.



P. Maurisa

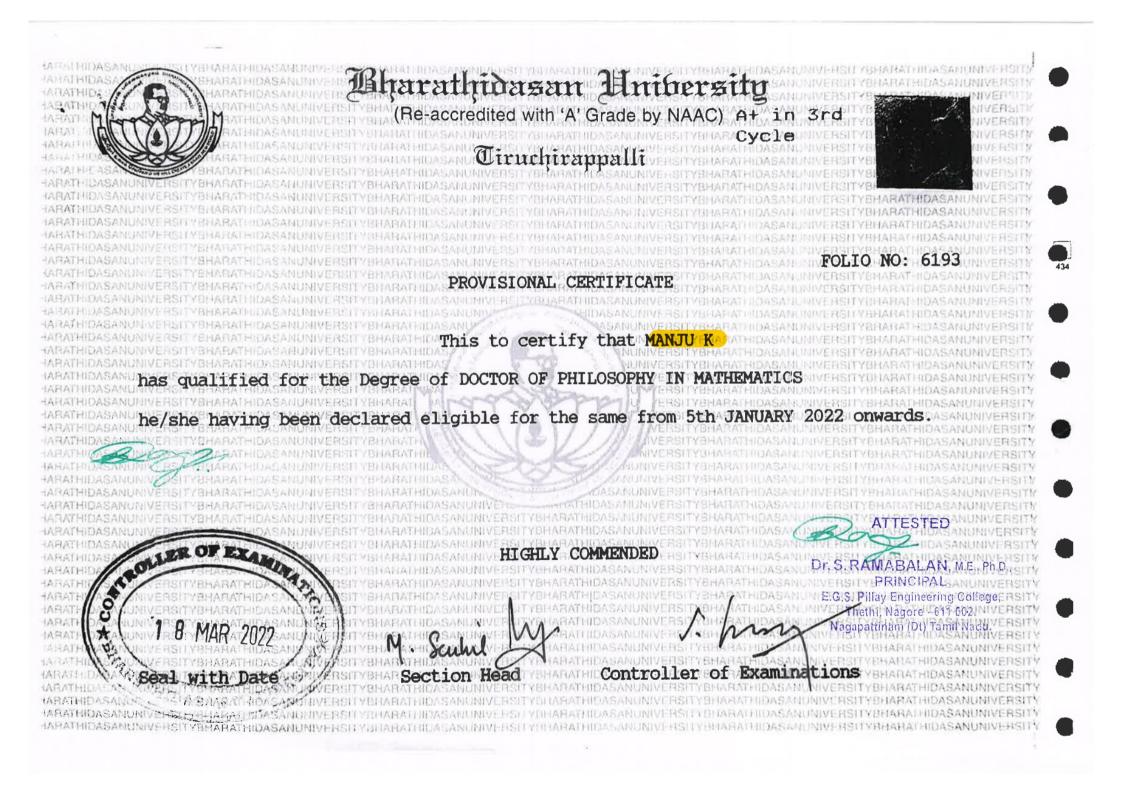
L 056252

21st February 2018

ISSUED ON :

21-02-2018

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL E.G.S. Pillay Engineering College, Thethi, Nagore - 611 102. Nagapattinam (Dt) Tamil Nadu.





### அண்ணாமலைப் பல்கலைக்கழகம் ANNAMALAI UNIVERSITY





### FACULTY OF ENGINEERING & TECHNOLOGY

The Syndicate of the ANNAMALAI UNIVERSITY

ereby makes

known that

NAVANEETHA KRISHNAN V

has been admitted to the

Degree of DOCTOR OF PHILOSOPHY in MANUFACTURING ENGINEERING

he/she having been certified by duly appointed Board of Examiners who valued

his/her thesis to be qualified to receive the same in JANUARY, 2019.

TITLE OF THE THESIS

"MECHANICAL AND TRIBOLOGICAL INVESTIGATION ON POLYMER NANO COMPOSITE"

Given under the seal of the University

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
G. College,
Thirty No.
Nogaphanomica, (27) Tallin hadu.



Annamalainagar
Dated: 30/11/2019

Dr. N, Krishnamohan Registrar (i/c)

**Dr. V. Murugesan** Vice-Chancellor





Code No. 0493C : S.No. 869561

### பாரத்தாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

Re-accredited with 'A' Grade by NAAC

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Act;
Member, Association of Indian Universities and Association of Commonwealth Universities)

அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு செப்டம்பர் ஆம் ஆண்டு அ. சார்லஸ் என்பவர் வேதியியல் பிரிவில் முனைவர் என்னும் பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

BHARATHIDASAN UNIVERSITY нетебу known that A. CHARLES has been admitted the DOCTOR Дедтее OF PHILOSOPHY, subject CHEMISTRY, having *been* certified 64 duly appointed Examiners qualified receive the same SEPTEMBER 2015.

Thesis Title

"PHYTOCHEMICAL AND BIOACTIVITY STUDIES OF ALSEODAPHNE SEMECARPIFOLIA NEES AND THUNBERGIA FRAGRANS ROXB



Given under the seal of the University

Sold ratustral Tiruchtrappalii 05th November 2015

பதிவாளர் Registra

துணைவேந்தர் Vice-Chancello

J 033671

.

ISSUED ON

05-11-2015

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL E.G.S. Pillay Engineering College,

Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamii Nadu.



### அண்ணாமலைப் பல்கலைக்கழகம்





பொறியியற்புலம் FACULTY OF ENGINEERING & TECHNOLOGY

டிசம்பர் 2017 இல்

உருவாக்கப் பொறியியல்

அறிவிக்கின்றது.

பிரிவில் நடத்திய தேர்வுகளில்

ராமானுஜம் ந

தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி. ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இதன்வழி

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes that RAMANUJAM N has been admitted to the

DOCTOR OF PHILOSOPHY in MANUFACTURING ENGINEERING, Degree of

he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in DECEMBER, 2017.

TITLE OF THE THESIS

STUDY ON WEAR BEHAVIOR OF MAGNESIUM (AZ91) MATRIX WITH SiCp REINEFORCED COMPOSITE PRODUCED THROUGH ACCUMULATIVE DIFFUSION BONDING

பல்கலைக்கழக முத்திரை பெறுகின்றது Given under the seal of the University



Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

அண்ணாமலைநகர் Annamalainagar

நாள்:

Dated: 17/02/2018

பதிவாளர் (பொறுப்பு) Registrar (i/c)

Dr.S.Manian துணை வேந்தர் Vice-Chancellor



### அண்ணாமலைப் பல்கலைக்கழகம்







பொ**றியியற்பு**லம் FACULTY OF ENGINEERING & TECHNOLOGY

டிசம்பர், 2017

உருவாக்கப் பொறியியல்

பிரிவில் நடத்திய தேர்வுகளில் சிவராமகிருஷ்ணன் வே

தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி, ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இதன்வழி அறிவிக்கின்றது.

ANNAMALAI UNIVERSITY The Syndicate of the hereby makes known that SIVARAMAKRISHNAN V has been admitted to the DOCTOR OF PHILOSOPHY in MANUFACTURING ENGINEERING,

he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in DECEMBER, 2017.

### TITLE OF THE THESIS

STUDY ON HOT DEFORMATION BEHAVIOR OF MAGNESIUM (AZ91) MATRIX WITH SIC, REINFORCED COMPOSITES FABRICATED THROUGH ACCUMULATIVE DIFFUSION BONDING

பல்கலைக்கழக முத்திரை பெறுகின்றது Given under the seal of the University

அண்ணாமலைநகர் Annamalainagar

நாள்:

பதிவாளர் (பொறுப்பு)

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College. Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Dr.S.Manian

துணை வேந்தர்



# Indian Institute of Technology Madras

Doctor of Philosophy hereby confers the degree of

of the Institute

# SIVARAMAN V

for successfully completing the presorited programme of study and presenting the thesis entitled



ME08D011

STUDY ON MACHINABILITY OF A FERRITE-BAINITE-MARTENSITE

MICROALLOYED STEEL

Given this day the Twentyfirst of July, 2017

under the seal of the Institute.

ATTESTED

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

E.G.S. Pillay Engineering College. Nagapatiman (ปัญ โดกก ฟินติน. Thethi Nacore 611 102. PRINCIPAL

Registrar

Chairman, Board of Governors

Centre Code: 15 Reg.No. 49521-Ph.D-MAT



Code no. 4E071 : S.No.



# பாரதிதாசன் பல்கலைக்கழகம்



(Accredited with A+ Grade by NAAC in the Third Cycle)

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Act; Member, Association of Indian Universities and Association of Commonwealth Universities)

### அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் 2019 ஜுன் ஆம் ஆண்டு கமலநாதன் சா என்பவர் கணிதவியல் பிரிவில் முனைவர் பட்டத்திற்குத் என்னும் தகுதி பெற்றவர் தக்க தேர்வாளர்கள் என்று சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes that known KAMALANATHAN S has бееп admitted Degree the DOCTOR OF PHILOSOPHY, the in subject MATHEMATICS, having been certified бу duly appointed Examiners 6е qualified to to receive the in JUNE 2019. same

Place of Study: TRANQUEBAR BISHOP MANICKAM LUTHERAN COLLEGE PORAYAR.

### Title of the Thesis

"CONTRIBUTION TO THE STUDY ON RANKING METHODS ON FUZZY NUMBERS"

Given under the seal of the University.

Dr. S. R E.G.S. Pillay Engineering College. Thethi, Nagore - 611 002. Nagapattmam (Dt) Tamii wadu.

துணைவேந்தர் Vice - Chancellor

திருச்சிராப்பள்ளி Tiruchirappalli

Date : 1st October 2019

ISSUED ON: 01-10-2019



000678



Reg.No. 58860-Ph.D-MAT



Code no. 802CC : S.No.



# பாரதிதாசன் பல்கலைக்கழகம்

(Accredited with A+ Grade by NAAC in the Third Cycle)

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Act; Member, Association of Indian Universities and Association of Commonwealth Universities)



### அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசல	ள் பல்கலைக்கழக	ஆட்சிக் கு	மு	மே	2019
ஆம் ஆண்டு		கவிதா த			என்பவர்
கணிதவியல்			பி	ரிவில்	முனைவர்
என்னும் பட்ட	_த்திற்குத் தகுதி	பெற்றவர்	என்று	தக்க	தேர்வாளர்கள்
சான்றளித்தபடி	முனைவர்	என்னும்	பட்ட	த்தை	அவருக்குப்
பல்கலைக்கழக	இலச்சினையுடன்	வழங்குகிற	து.		

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receive	to	qualified	бе	to	Examiners	ointed	арр	duly	бу
					<b>)</b> .	Y 2019	in MA	same	the

Place of Study: A.D.M. COLLEGE FOR WOMEN(Autonomous), NAGAPPATTINAM.

### Title of the Thesis

"A STUDY ON DOMINATION IN FUZZY GRAPHS"

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

PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002.

Given under the seal of the University.

Nagapattinam (Dt) Tamil Nadu.



095153

திருச்சிராப்பள்ளி Tiruchirappalli

நாள் : Date : 1st October 2019

ISSUED ON: 24-08-2021



துணைவேந்தர் Vice - Chancellor





hereby confers the degree of Doctor of Philosophy of the institute on

### EDWARD ANAND E

for successfully completing the prescribed programme of study and presenting the thesis entitled

CORROSION AND TRIBOLOGICAL STUDIES ON PULSE ELECTRODEPOSITED COBALT BASED COATINGS REINFORCED WITH CARBON NANOTUBES

at the viva-voce examination held on Twenty Ninth June 2015



Siven this day the twenty second of August, 2015 Under the seal of the Institute



TIRUCHIRAPPALLI - 620 015, INDIA



Huder Director Chairperson,
Board of Governors

1619

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamid Nadu.





Code No. 008CE S.No. 69032

# பாரத்தாசன் பல்கலைக்கழகம்

அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு டிசம்பர் 2017 ந. மூர்த்தி என்பவர்

இயற்பியல் பிரிவில்

முனைவர் என்னும்

பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை பல்கலைக்கழக அவருக்குப்

இலச்சினையுடன் வழங்குகிறது.

ஆம் ஆண்டு

Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that N. MOORTHY has been admitted the DOCTOR OF PHILOSOPHY, Degree subject PHYSICS, having been certified Бу appointed Examiners qualified receive in DECEMBER 2017.

Thesis Title

"QUANTUM CHEMICAL CALCULATIONS AND SPECTRAL ANALYSIS OF SOME ORGANIC NON LINEAR OPTICAL CRYSTALS"

Given under the seal of the University.



P. Maurisa

L 056252

21st February 2018

ISSUED ON :

21-02-2018

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL E.G.S. Pillay Engineering College,

Thethi, Nagore - 611 102. Nagapattinam (Dt) Tamil Nadu.



## Mharathidasan Alniversity (Accredited with A+ Grade by NAAC in the Third Cycle)

Tiruchirappalli

PROVISIONAL CERTIFICATE FOLIO NO: 6057

This to certify that PRINCE RICHARD J

has qualified for the Degree of DOCTOR OF PHILOSOPHY IN PHYSICS

he/she having been declared eligible for the same from 24th NOVEMBER 2021 onwards

3 0 DEC 2021

HIGHLY COMMENDED

Section Head

Controller of Examinations

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
PRINCIPAL
College,

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 902. Nagapattinam (Dt) Tamil Nadu.



Reg. No.:2003479727/RG

The Syndicate of the Anna University hereby makes known that SENTHAMARAI KANNAN S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2010.

Title of the thesis:

IMPROVING CLUSTERING AND CLASSIFICATION PERFORMANCE THROUGH EFFECTIVE ATTRIBUTE SELECTION

Chennai 600 025

December 2010 Controller of Examinations

Given under the Seal of the University

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

PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002.

Vice-Chancellor



Reg. No.:2003479727/RG

The Syndicate of the Anna University hereby makes known that SENTHAMARAI KANNAN S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2010.

Title of the thesis:

IMPROVING CLUSTERING AND CLASSIFICATION PERFORMANCE THROUGH EFFECTIVE ATTRIBUTE SELECTION

Chennai 600 025

December 2010 Controller of Examinations

Given under the Seal of the University

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

PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002.

Vice-Chancellor





Code No. 008CE S.No. 69032

# பாரத்தாசன் பல்கலைக்கழகம்

அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு டிசம்பர் 2017 ந. மூர்த்தி என்பவர்

இயற்பியல் பிரிவில்

முனைவர் என்னும்

பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை பல்கலைக்கழக அவருக்குப்

இலச்சினையுடன் வழங்குகிறது.

ஆம் ஆண்டு

Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that N. MOORTHY has been admitted the DOCTOR OF PHILOSOPHY, Degree subject PHYSICS, having been certified Бу appointed Examiners qualified receive in DECEMBER 2017.

Thesis Title

"QUANTUM CHEMICAL CALCULATIONS AND SPECTRAL ANALYSIS OF SOME ORGANIC NON LINEAR OPTICAL CRYSTALS"

Given under the seal of the University.



P. Maurisa

L 056252

21st February 2018

ISSUED ON :

21-02-2018

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 102. Nagapattinam (Dt) Tamil Nadu.



## Mharathidasan Alniversity (Accredited with A+ Grade by NAAC in the Third Cycle)

Tiruchirappalli

PROVISIONAL CERTIFICATE FOLIO NO: 6057

This to certify that PRINCE RICHARD J

has qualified for the Degree of DOCTOR OF PHILOSOPHY IN PHYSICS

he/she having been declared eligible for the same from 24th NOVEMBER 2021 onwards

3 0 DEC 2021

HIGHLY COMMENDED

Section Head

Controller of Examinations

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
PRINCIPAL
College,

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 902. Nagapattinam (Dt) Tamil Nadu.





Code No. 008D8 :S.No. 988813

### **பாரத்தாசன் பல்கலைக்கழகம்** BHARATHIDASAN UNIVERSITY

Re-accredited with 'A' Grade by NAAC

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Act;
Member, Association of Indian Universities and Association of Commonwealth Universities)

அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு நவம்பர் 2015

ஆம் ஆண்டு ஜீ. பார்த்தீபன் என்பவர் கணிதவியல் புனைவர் என்னும் பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that J. PARTHEEBAN has been admitted **DOCTOR** PHILOSOPHY, OF Degree subject MATHEMATICS. having been certified Бу duly appointed Examiners qualified receive the NOVEMBER 2015.

Thesis Title

"CONTRIBUTIONS TO THE STUDY ON FUZZY SETS AND FUZZY LOGIC WITH APPLICATIONS"

Given under the seal of the University.



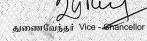
திருச்சிராப்பள்ளி 14th October 2016 Tiruchirappalli

iruchirappaili

14-10-2016

ISSUED ON :









hereby confers the degree of Doctor of Philosophy of the institute on

### EDWARD ANAND E

for successfully completing the prescribed programme of study and presenting the thesis entitled

CORROSION AND TRIBOLOGICAL STUDIES ON PULSE ELECTRODEPOSITED COBALT BASED COATINGS REINFORCED WITH CARBON NANOTUBES

at the viva-voce examination held on Twenty Ninth June 2015



Siven this day the twenty second of August, 2015 Under the seal of the Institute



TIRUCHIRAPPALLI - 620 015, INDIA



Huder Director Chairperson,
Board of Governors

1619

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thethi, Nagore - 611 002.
Nagapattinam (Dt) Tamid Nadu.

Centre Code: 13 Reg.No. 14210-Ph.D-MAT





# பாரதிதாசன் பல்கலைக்கழகம்



(Accredited with A+ Grade by NAAC in the Third Cycle)

(Established by the Government of Tamil Nada in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Acts. Member, Association of Indian Universities and Association of Commonwealth Universities.

### அறிவியல் புலம் FACULTY OF SCIENCE

	பாரதிதாசன்	பல்கலை	க்கழக .	ஆட்சிக்	குழு	அக்டோ	ruit	2021
<b>-28</b>	ம் ஆண்டு			தாரணி	F			என்பவர்
<b>&amp;6</b>	ணிதவியல்					பாடத்தில்	(	ழனைவர்
ЦL	_டத்திற்குத்	தகுதி	பெற்றவ	r <b>ा</b>	ன்று	தக்க	தேர்	வாளர்கள்
æ	ன்றளித்தபடி	முக	ணவர்		பட்	டத்தை	<b>.</b>	வருக்குப்
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	The	Synd	icate	of the	BHARATH	IDAS#	VINU NA	ERSITY	heret	by makes
knou	vn	that			THARAM	NI S		has	been.	admitted
to	the	Deg	ree	of	DOCTOR OF	PHILO	SOPHY,	in	the	subject
MAT	HEMA	ATICS	5,					having	бееп	certified
бу	du.	ly	appo	ointed	Examiners	to	6e	qualified	to	receive
the	same	in.	OC.	TOBER	2021.					

Place of Study: A.D.M. COLLEGE FOR WOMEN(Autonomous), NAGAPPATTINAM.

> "Ph.D. Degree has been awarded in accordance with the Minimum Standards and Procedure of the Regulations of the University Grants Commission 2016".



Title of the Thesis

"A STUDY ON FUZZY SOFT DIGRAPHS AND ITS APPLICATIONS" ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL

E.G.S. Pillay Engineering College, Thethi. Nagore - 611 002. Nagapattinam (Dt) Tamii Ivadu.



Given under the seal of the University.

Sit Vice - Chancellor

திருச்சிராப்பன் Tiruchirappelli

9th December 2021

ISSUED ON : 09-12-2021

103493



Serial No.: C24/15/20703

ndicherry Aniversity

The Vice-Chancellor and the Executive Council of the Pondicherry University, on the recommendations of the duly appointed Board of Examiners, hereby declare that

### SURESH PADMANABHAN, T.

has been admitted to the Degree of

### DOCTOR OF PHILOSOPHY

having submitted a thesis entitled "NOVEL CONTROL STRATEGIES FOR AC-AC POWER CONVERSION SYSTEMS"

and having successfully completed the prescribed requirements in the year MARCH 2015.

ELECTRICAL AND ELECTRONICS ENGINEERING. Discipline:

Given under the Seal of the University

Puducherry Date 4 OCT 2016 Dr. S. RAMABAZAN, M.E. Ph.O.,

PRINCIPAL E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.



The Syndicate of the Anna University hereby makes known that VIJAYALAKSHMI P has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

STUDY ON THE INFLUENCE OF SURFACTANTS IN IMPROVING THE PERFORMANCE OF TURNING PROCESS

Given under the seal of the University



ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL

E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

Chennal 600025

India

June 2018

7. Sm

Resistrar

M. P. Street

Serial No.: C24/15/20703

ndicherry Aniversity

The Vice-Chancellor and the Executive Council of the Pondicherry University, on the recommendations of the duly appointed Board of Examiners, hereby declare that

### SURESH PADMANABHAN, T.

has been admitted to the Degree of

### DOCTOR OF PHILOSOPHY

having submitted a thesis entitled "NOVEL CONTROL STRATEGIES FOR AC-AC POWER CONVERSION SYSTEMS"

and having successfully completed the prescribed requirements in the year MARCH 2015.

ELECTRICAL AND ELECTRONICS ENGINEERING. Discipline:

Given under the Seal of the University

Puducherry Date 4 OCT 2016 Dr. S. RAMABAZAN, M.E. Ph.O.,

PRINCIPAL E.G.S. Pillay Engineering College, Thethi, Nagore - 611 002. Nagapattinam (Dt) Tamil Nadu.

