



**(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)**

**S.P.G.Chidambara Nadar - C.Nagammal Campus**

**S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).**



## **NAAC – CRITERION 2**

### **Teaching – Learning & Evaluation**

**2.4.2 Number of full-time teachers with Ph.D. /  
D.M. / M.ch. / D.N.B Super-Speciality / D.Sc. /  
DLitt during the year 2020-21**

**[Proofs]**

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**Engineering  
And  
Technology**



Reg. No.:2004479727/RG

The Syndicate of the Anna University hereby makes known that  
**INDRA DEVI 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 2010.

Title of the thesis:

**MACHINE LEARNING TECHNIQUES IN AUTOMATED WEB PAGE  
 CLASSIFICATION**

Given under the Seal of the University



Chennai 600 025  
 India

December 2010

V. Srinivasan

Controller of Examinations

Srinivasan  
 Registrar

Srinivasan  
 Vice-Chancellor

(5)



# Anna University



Reg.No. 2004479728/RG

The Syndicate of the Anna University hereby makes known that **MUTHUSELVI 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 2012.

*Title of the Thesis:*

**A GENETIC ALGORITHM BASED APPROACH FOR MULTI-OBJECTIVE OPTIMIZATION OF REAL-TIME SCHEDULING**

*Given under the Seal of the University*



(18)

# Anna University



Reg.No. 2007MCE0040001

*The Syndicate of the Anna University hereby notifies known that*  
**MEENAKSHI 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* **2014**. *The degree has been awarded in compliance*  
*with the 'University Grants Commission, Regulations 2009'.*

*Title of the Thesis:*

**DEVELOPING KNOWLEDGE STORAGE AND INFORMATION  
 RETRIEVAL SYSTEMS FOR EDAPHOLOGY**

*Given under the Seal of the University*

(3)



# Anna University



Reg.No. 20117401069/RG

The Syndicate of the Anna University hereby makes known that **RAMYA 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 **2020**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

**FACIAL EXPRESSION RECOGNITION USING CONVOLUTIONAL NEURAL NETWORK BASED APPROACH FOR 3D FACIAL IMAGES**



*Given under the Seal of the University*

Chennai 600 025  
India  
March 2021  
RAM014236

  
Controller of Examinations  
RAMYA R

  
Registrar

  
Vice-Chancellor  
THIRUTHUTHI - ANNA UNIVERSITY

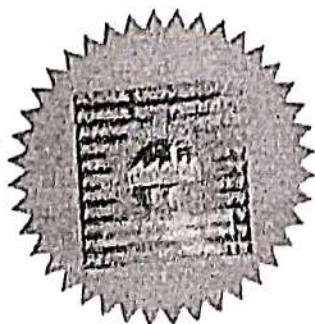


Reg. No. 20117401066/RG

*The Syndicate of the Anna University hereby makes known that ANANDH 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 2020. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".*

*Title of the Thesis:*

CONTENT BASED IMAGE RETRIEVAL WITH USER RELEVANT FEEDBACK



*Given under the Seal of the University*

Chennai 600 025  
India  
March 2021

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice Chancellor





# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: SAR014063

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 : SUTHA JEBAKUMARI V

Registration Number : 1324479264

Degree : Ph.D.

Department/Centre/Subject : COMPUTER SCIENCE AND ENGINEERING

Faculty : INFORMATION AND COMMUNICATION  
ENGINEERING

Date, Month & Year of Viva-Voce

Examination held : 21.04.2021

Title of the Thesis : AN IMPROVED APPROACH FOR EPILEPTIC  
SEIZURE DETECTION IN  
ELECTROENCEPHALOGRAM SIGNALS USING  
OPTIMIZED FEATURES

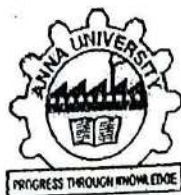


Chennai - 600 025

Date: 24-JUN-2021

  
Controller of Examinations





Reg.No. 2006479701/RG

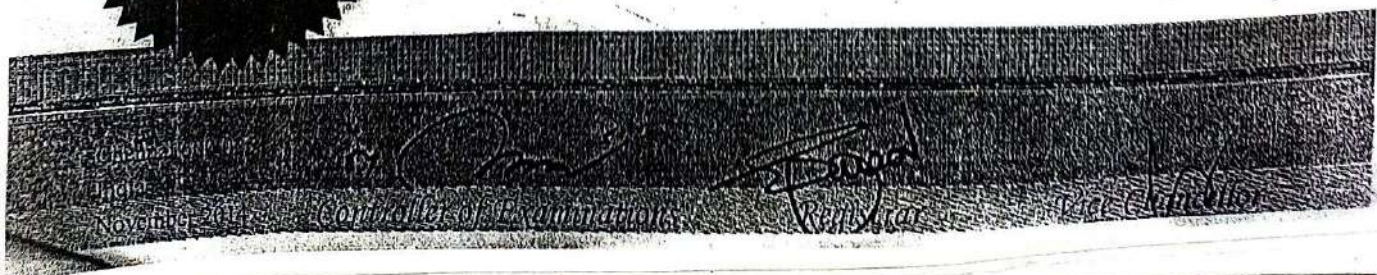
The Syndicate of the Anna University hereby makes known that **SURESH BABU R** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2014**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

**SPECTRUM SENSING AND SPECTRUM MANAGEMENT IN SPACE  
TIME BLOCK CODED - OFDM BASED COGNITIVE SYSTEM**



*Given under the Seal of the University*





# Anna University



Reg. No.:2003479731/RG

The Syndicate of the Anna University hereby makes known that **GEETHA PRIYA C** 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:

**SYNCHRONIZATION TECHNIQUES FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING IN WIRELESS LOCAL AREA NETWORK**

*Given under the Seal of the University*



Chennai 600 025  
India

December 2010 Controller of Examinations

CAR014058

*V. Srinivasan*

*Srinivasan*  
Registrar

*Srinivasan*  
Vice-Chancellor

ANNA UNIVERSITY CHENNAI



# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: RAR014250


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	: GEETHA A
Registration Number	: 1224479803
Degree	: Ph.D.
Department/Centre/Subject	: ELECTRONICS AND COMMUNICATION ENGINEERING
Faculty	: INFORMATION AND COMMUNICATION ENGINEERING
Date, Month & Year of Viva-Voce	
Examination held	: 09.03.2020
Title of the Thesis	: DEVELOPMENT OF AUTOMATIC GENDER CLASSIFICATION ALGORITHMS FOR PERSON SPECIFIC IDENTIFICATION



Chennai - 600 025

Date: 05-JUN-2020

  
Controller of Examinations



# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: RAR014144


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	: VENKATESAN R S
Registration Number	: 2011140005
Degree	: Ph.D.
Department/Centre/Subject	: ELECTRONICS AND COMMUNICATION ENGINEERING
Faculty	: INFORMATION AND COMMUNICATION ENGINEERING
Date, Month & Year of Viva-Voce Examination held	: 27.01.2020
Title of the Thesis	: EVALUATING RUN-TIME TECHNIQUES FOR LEAKAGE POWER REDUCTION IN NANOSCALE CMOS VLSI SYSTEMS



Chennai - 600 025

Date: 27 FEB 2020

  
Controller of Examinations



# Anna University



Reg.No. 1324489733/RG

The Syndicate of the Anna University hereby makes known that **PANDI SELVI T** 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:

**A FRAMEWORK FOR SEGMENTATION AND VOLUME ESTIMATION OF TUMOR IN MAGNETIC RESONANCE IMAGES OF BRAIN**

Given under the Seal of the University



*[Signature]*

*[Signature]*

*M.K. [Signature]*

# Anna University



Reg.No. 1324389106/RG

*The Syndicate of the Anna University hereby makes known that **JEYALAKSHMI 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 2009".*

*Title of the Thesis:*

**IMPROVING THE CAPACITY OF WIRELESS NETWORKS USING PHYSICAL LAYER NETWORK CODING**



*Given under the Seal of the University*

Chennai 600 025  
India  
March 2021  
KAROTIARI

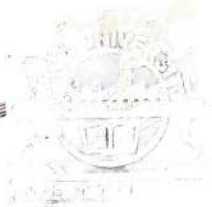
  
Controller of Examinations  
JEYALAKSHMI V

  
Registrar

  
Vice-Chancellor  
K. S. SIVAKUMAR



# Anna University



Reg.No. 1324479201/RG



The Syndicate of the Anna University hereby makes known that **MARY SINDHUJA N 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 **2021**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

**REDUCED SIZE RADIO FREQUENCY PHASE SHIFTERS FOR 5G SYSTEMS**




*Given under the Seal of the University*

Chennai 600 025

India

March 2021

RAR014157

  
Controller of Examinations  
MARY SINDHUJA N M

  
Registrar

  
Vice-Chancellor





Reg. No.:2003379103/RC

The Syndicate of the Anna University hereby makes known that **JEYADEVI S** 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 2011.

*Title of the thesis:*

**EVOLUTIONARY ALGORITHMS BASED SOLUTION TO REACTIVE POWER PLANNING AND DISPATCH PROBLEMS WITH SECURITY CONSTRAINTS**

*Given under the Seal of the University*



Chennai 600 025  
India

January 2012

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor



# Die Montanuniversität Leoben

verleiht

kraft des ihr durch die kaiserliche Entschliessung vom 31. Juli 1904 erteilten Rechtes

unter dem Rektorat des Ordentlichen Universitätsprofessors

Dipl.-Ing. Dr. mont. Franz JEGLITSCH

Herrn

## C. T. Vijayakumar

B.Sc. und M.Sc. der Madras Universität

Ph.D. der Madras Universität

geboren am 12. Mai 1952 in Sivakasi, Indien

den Titel und die Würde eines

## Doktors

### der montanistischen Wissenschaften

nachdem er im ordnungsmässigen Promotionsverfahren durch die Dissertation

"INVESTIGATIONS ON THE THERMAL DEGRADATION OF POLYESTERS"

sowie durch die strenge Prüfung seine wissenschaftliche Befähigung erwiesen hat.

Leoben, am 1. Juli 1988

Der Rektor:

*P. Hauer, Prof. Dipl.-Ing. Dr. mont. F. Jeglitsch*

Der Promotor:

*P. Hauer, Prof. Dipl.-Ing.  
Dr. mont. F. Jeglitsch*

Der Promotor:

*O. Hauer, Prof. Dr. Ing. W. G. R.*



# Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg.C1/85/Law, dated 17th April 1985)



## FACULTY OF SCIENCE

*The Syndicate of the Mahatma Gandhi University  
hereby makes known that*

**Sri. S. GANDHI**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*  
**Chemistry**

*he having been certified by duly appointed examiners to be qualified to  
receive the same.*

*Title of the Thesis : Structural, Mechanical and Thermal Properties of  
PVA-metal oxide Nanocomposites*

*Given under the seal of the University*

Date of Syndicate Decision: 19-07-2014

University Buildings  
Priyadarshini Hills P.O.  
Kottayam - 686 560  
Kerala, India

Dated : 08-December-2014



*[Signature]*  
Vice-Chancellor





Reg. No.:2003719749/RG

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

*Title of the thesis:*

**SYNTHESIS, CHARACTERIZATION AND THERMAL STUDIES OF  
 BISPROPARGYL ETHER - BISMALEIMIDE BLENDS**

*Given under the Seal of the University*



Chennai 600 025  
 India  
 December 2010

Controller of Examinations

*V. Jayaram*

*Shaymud*  
 Registrar

*Chandrasekhar*  
 Vice-Chancellor





Reg. No.:2004519101/RG

The Syndicate of the Anna University hereby makes known that **BASKARAN R** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Technology, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2012**.

Title of the thesis:

**UNSATURATED POLYESTER / INORGANIC MINERAL NANOCOMPOSITES - PREPARATION AND PROPERTIES**

Given under the Seal of the University



Chennai 600 025  
India  
January 2012

Controller of Examinations

Registrar

Vice-Chancellor





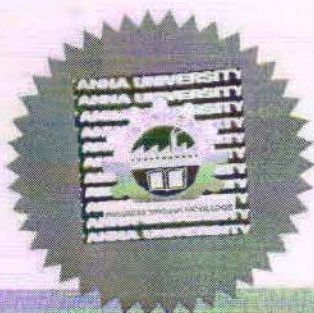
Reg.No. 20117701001/RG

*The Syndicate of the Anna University hereby makes known that*  
**KAILASH S** *has been admitted to the* **DEGREE OF DOCTOR OF**  
**PHILOSOPHY** *under the* **Faculty of Technology**, *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:*

**STUDIES ON POLYMER BASED SPLINTING MATERIAL**

*Given under the Seal of the University*



Chennai 600 025  
 India  
 January 2016

  
 Controller of Examinations

  
 Registrar

  
 Vice-Chancellor





Reg.No. 95910508002/RG

*The Syndicate of the Anna University hereby makes known that*  
**SRI BALA M G** has been admitted to the **DEGREE OF MASTER OF**  
**TECHNOLOGY** in **POLYMER TECHNOLOGY** under the Faculty of  
*Technology, 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 WITH DISTINCTION** at the  
*Examination held in* **JUNE 2012.**

*Given under the Seal of the University*



Chennai 600 025  
 India  
 March 2013  
 (P.T.O.)

*[Signature]*  
 Controller of Examinations

*[Signature]*  
 Registrar

*[Signature]*  
 Vice-Chancellor





Reg.No.1414289757/RG



The Syndicate of the Anna University hereby makes known that **PONPRAPAKARAN K** 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 **2019**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

**STUDIES ON ELECTRICALLY CONDUCTING POLY(ANILINE) BASED CO-POLYMER NANOCOMPOSITES**

*Given under the seal of the University*



Chennai 600025  
India  
December 2019  
Q4161226

*[Signature]*  
Controller of Examinations

PONPRAPAKARAN K

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor





# ANNA UNIVERSITY

## CENTRE FOR RESEARCH

Sardar Patel Road, Chennai - 600 025, India



**Dr. K.P. JAYA**  
DIRECTOR

Ref : No. 1414589420/Ph.D./AR8

Date : 10.07.2020

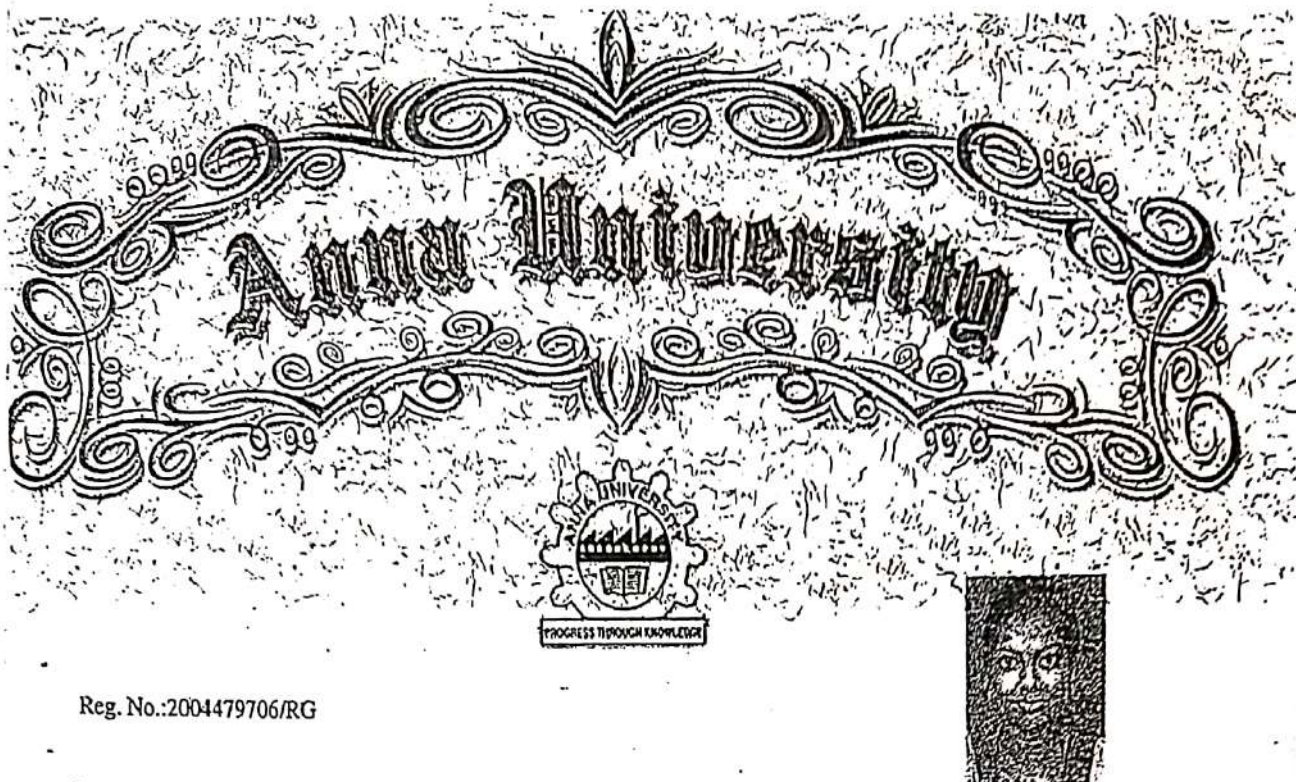
### TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.K.Agathian**, has registered for Ph.D. Programme in **Ceramic Technology** during January-2014 . The scholar has submitted the thesis entitled, "**STUDIES ON BIOPOLYMER BASED SCHIFF BASE**" and has successfully completed the oral examination held on 18.06.2020 for the award of Ph.D. Degree under the Faculty of **Technology**.

The Ph.D. Degree awarded by this University is in compliance of the UGC Regulations 2009.

*[Signature]*  
10/7.2020  
DIRECTOR (RESEARCH) 2/2

*[Signature]*  
10/7/2020



Reg. No.:2004479706/RG

The Syndicate of the Anna University hereby makes known that  
**SUBATHRA P** 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:

**A CLUSTER BASED RELIABLE GROUP COMMUNICATION FOR  
 SECURE MANET**

Given under the Seal of the University



Chennai 600 025  
 India

December 2010. Controller of Examinations

*V. Myr...*

*Registrar*

*Vice-Chancellor*

Scanned with CamScanner

Scanned with CamScanner





Reg.No.20117401074/RG



The Syndicate of the Anna University hereby makes known that CHENGATHIR SELVI 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 2018. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

VIDEO BASED FACE RECOGNITION FOR BIOMETRIC AUTHENTICATION

Given under the seal of the University



Chennai 600025  
India  
December 2018  
FARM 1117

*[Signature]*  
Controller of Examinations  
CHENGATHIR SELVI M

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor



# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: RAR014106


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 : VAKAIMALAR E  
Registration Number : 20117401065  
Degree : Ph.D.  
Department/Centre/Subject : COMPUTER SCIENCE AND ENGINEERING  
Faculty : INFORMATION AND COMMUNICATION ENGINEERING  
Date, Month & Year of Viva-Voce Examination held : 10.01.2020  
Title of the Thesis : MULTIFOCUS IMAGE FUSION FRAMEWORK USING DISCRETE COSINE TRANSFORM AND SPATIAL FREQUENCY



Chennai - 600 025

Date: 06-FEB-2020

  
Controller of Examinations



# Anna University



Reg.No. 20117401067/RG



The Syndicate of the Anna University hereby makes known that **ARTHY 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 **2020**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

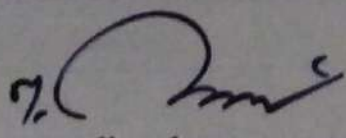
*Title of the Thesis:*

**BLIND ROBUST SPATIAL DOMAIN WATERMARKING FOR 3D OBJECTS**



*Given under the Seal of the University*

Chennai 600 025  
India  
March 2021  
BAM004507

  
Controller of Examinations  
AR001 6

  
Registrar

  
Vice-Chancellor  
BAM004507



## *Faculty of Technology*

*The Syndicate of the Anna University hereby makes known that*

**ANANT ACHARY**

*has been admitted to the Degree of Doctor of Philosophy  
he having been certified by duly appointed Examiners to be qualified  
to receive the same in the year 1998 .*

*Title of the thesis* **PROCESS DEVELOPMENT FOR HYDANTOINASE**

**PRODUCTION , CHARACTERIZATION AND BIOTRANSFORMATION OF**

**DL -p -HYDROXYPHENYLHYDANTOIN TO D -p - HYDROXYPHENYLGLYCINE USING**

**AGROBACTERIUM RADIOBACTER NRRL B 11291 .**



*Given under the Seal of the University*

*University Buildings,*

*Madras-600 025*

*Dated* **3 SEP 1998**

*[Signature]*

*Registrar*

*[Signature]*

*Vice - Chancellor*





# हैदराबाद विश्वविद्यालय

## University of Hyderabad

अनुक्रमांक

Enrol. No.

93LAPH01

छात्र का नाम

Name of the scholar

M. Vasanthi

पाठ्यक्रम

Course of study

Ph.D. Animal Science

शोध-प्रबंध का शीर्षक

Title of the thesis/dissertation/project

*Studies on a Haemolymph peptide that regulates ecdysterone Mediated Lysosomal Activity and Protein Phosphorylation during Postembryonic development of rice Moth Corcyra cephalonica*

निर्देशक का नाम

Name of the supervisor

Dr. Aparna Dutta gupta

विभाग / संकाय

Department/School

Department of Animal Sciences  
School of Life Sciences

दिनांक / Dated

December 29, 2004

कुल सचिव / Registrar



செ.நா. 009452, 6.9.2007, 009452

# பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

(Established by the Government of Tamil Nadu in 1982, Recognized by UGC under II and III of UGC Act,  
Member, Association of Indian Universities and Association of Commonwealth Universities, Accredited by NAAC with 'A' Grade)

## அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சித் குழு ஜூலை 2007

ஆம் ஆண்டு

இரா. சியாம் குமார் /

என்பவர்

துண்ணுயிரியல் /

பிரிவில்

முனைவர் /

என்னும்

பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க நேர்வானிகள் சான்றளித்தபடி, முனைவர்  
என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சிணையுடன் வழங்குகிறது.

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes  
known that R. SHYAM KUMAR / has been admitted  
to the Degree of DOCTOR OF PHILOSOPHY, / in the subject  
MICROBIOLOGY, / having been certified by duly  
appointed Examiners to be qualified to receive the same in  
JULY 2007. /

Thesis Title

"DIVERSITY AND CHARACTERIZATION OF CYANOBIONTS IN THE  
LICHENS OF YERKAUD AND KOLLIHILLS, TAMIL NADU (INDIA)"



Given under the seal of the University.

திருச்சிராப்பள்ளி  
Tiruchirappalli

தாள் /

Dated : 12th October 2007

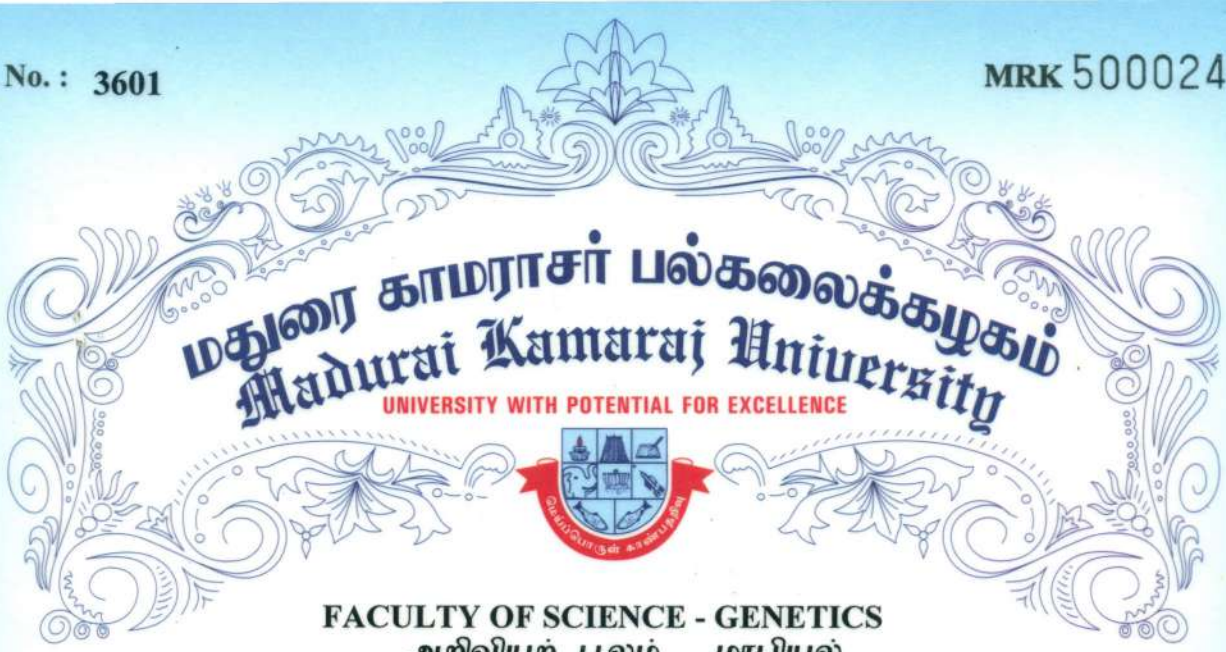
B 009452 ISSUED ON

பதிவரை  
Registrar

திரு. ச. சேஷசுப்பிரமணியன்  
Vice-Chancellor

12 OCT 2007





## FACULTY OF SCIENCE - GENETICS

அறிவியற் புலம் - மரபியல்

2012 ஆம் ஆண்டில் மதுரை காமராசர் பல்கலைக்கழகத்தில்

ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேட்டுக்காக 08-12-2011 நாளன்று முனைவர் பட்டம்

பெறத் தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு

கீதா, க.

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப் பேரவை அறிவிக்கின்றது.

மதுரை காமராசர் பல்கலைக்கழக இலச்சினையுடன், மதுரையில்

2012

ஆம் ஆண்டு

மார்ச்

திங்கள்

28

ஆம் நாள் அளிக்கப்பட்டது.

The Senate of the Madurai Kamaraj University hereby makes known that

GEETHA, K.

has been conferred the

## DEGREE OF DOCTOR OF PHILOSOPHY

he / she having been certified by duly appointed Examiners to be qualified to receive the same as on 08-12-2011

Given under the seal of the Madurai Kamaraj University, at Madurai this 28<sup>th</sup> day of March 2012

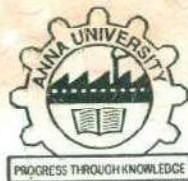
Title of the Thesis :

"XYLANASE FROM *Bacillus Pumilus* B20: PRODUCTION, CHARACTERIZATION AND ITS APPLICATION FOR XYLO-OLIGOSACCHARIDE PRODUCTION".

Subject Area : GENETICS







*Title of the Thesis:*

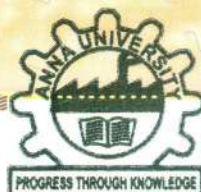
*Given under the Seal of the University*

*[Signature]*  
Controller of Examinations

Registrar

*Vice-Chancellor*





Reg.No.20117701005/RG



*The Syndicate of the Anna University hereby makes known that*  
**KARTHIKUMAR S** *has been admitted to the* **DEGREE OF DOCTOR OF PHILOSOPHY** *under the* **Faculty of Technology**, *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:*

**PRODUCTION, PURIFICATION AND CHARACTERIZATION OF MICROBIAL LIPASE AND ITS APPLICATIONS IN BIOTRANSFORMATION REACTIONS**

*Given under the seal of the University*



Chennai 600025  
 India  
 December 2018  
 PAR01049

  
**Controller of Examinations**  
 KARTHIKUMAR S

  
**Registrar**

  
**Vice-Chancellor**  
 VICECHANCELLOR@ANNAUNIVERSITY.ORG





The Syndicate of the Anna University hereby makes known that **MARIAAMALRAJ S** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Technology**, 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**”.

# OPTIMIZATION OF PRODUCTION OF BIOSURFACTANT FROM MICROORGANISM AND ITS APPLICATION IN BIOREMEDIATION

*M. K. Swartz*  
Vice-Chancellor





# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: QAR015028

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 : PADMANABAN V C

Registration Number : 1415589121

Degree : Ph.D.

Department/Centre/Subject : BIOTECHNOLOGY

Faculty : TECHNOLOGY

Date, Month & Year of Viva-Voce Examination held : 13.05.2019

Title of the Thesis : PROCESS DEVELOPMENT FOR THE DEGRADATION OF INDUSTRIAL AZO DYES BY MICROBIAL AND GAMMA IRRADIATION: AUGMENTED APPROACH



**Controller of Examinations**

**Chennai - 600 025**

**Date: 08-JUN-19**



# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: RAR015015

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 : PRADIBA D

Registration Number : 1424589711

Degree : Ph.D.

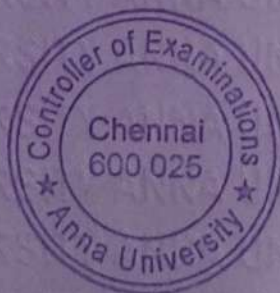
Department/Centre/Subject : BIOTECHNOLOGY

Faculty : TECHNOLOGY

Date, Month & Year of Viva-Voce

Examination held : 13.01.2020

Title of the Thesis : IDENTIFICATION OF FLAVONOIDS AS  
INHIBITORS OF MATRIX  
METALLOPROTEINASE-9 FOR THE  
MANAGEMENT OF RHEUMATOID ARTHRITIS:  
IN-SILICO AND IN-VITRO STUDIES



Controller of Examinations

Chennai - 600 025

Date: 06-FEB-2020





# Indian Institute of Technology Madras

*heroby confers the degree of*  
**Doctor of Philosophy**  
*of the Institute*  
*on*

**S KALYANI**

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

**A UNIFIED APPROACH FOR SECURITY ASSESSMENT  
 OF POWER SYSTEMS USING PATTERN CLASSIFIERS**



EE07D015



*Given this day the Twentysecond of July, 2011*  
*under the seal of the Institute.*

*H. G. Srinivasan*  
 Registrar

*M. S. Subramanian*  
 Director

*M. S. Subramanian*  
 Chairman, Board of Governors





Reg.No. 2011130032/RG

The Syndicate of the Anna University hereby makes known that **PRINCE WINSTON D** 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 2013.

*Title of the Thesis:*

**CERTAIN INVESTIGATIONS ON ENERGY CONSERVATION IN AC AND DC MOTOR DRIVES**

*Given under the Seal of the University*







Reg.No.2010730107/RG



The Syndicate of the Anna University hereby makes known that **SUDALAIMANI M** 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 **2018**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**PERFORMANCE ENHANCEMENT OF CONTROLLERS FOR PWM BOOST RECTIFIER**

Given under the seal of the University



Chennai 600025  
India  
December 2018  
FAR/12/18


*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

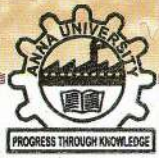
*[Signature]*  
Vice-Chancellor

SUDALAIMANI M






**Anna University**



PROGRESS THROUGH KNOWLEDGE


Reg.No.20117301008/RG




*The Syndicate of the Anna University hereby makes known that*  
**RAJESHBABU S** *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*  
**2019. The degree has been awarded in compliance with the “University Grants**  
**Commission, Regulations 2009”.**


*Title of the Thesis:*  
**CERTAIN INVESTIGATIONS ON POWER QUALITY EVENTS AND ITS**  
**ENHANCEMENT USING CUSTOM POWER DEVICES**


*Given under the seal of the University*



Chennai 600025  
India  
December 2019  
QA302399

  
**Controller of Examinations**  
RAJESHBABU S

  
**Registrar**

  
**Vice-Chancellor**  
MURUGAN LAKSHMINARAYANAN





Reg.No.1324379701/RG



*The Syndicate of the Anna University hereby makes known that*  
**JESLIN DRUSILA NESAMALAR J** *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* **2018**. *The degree has been awarded in compliance with the* **“University Grants Commission, Regulations 2009”**.

*Title of the Thesis:*

**CONGESTION MANAGEMENT WITH RENEWABLE ENERGY GENERATION USING SWARM INTELLIGENT TECHNIQUES**

*Given under the seal of the University*



Chennai 600025

India

June 2018

PAR03128

*J. Drusila Nesamalar J*  
**Controller of Examinations**  
 JESLIN DRUSILA NESAMALAR J

*[Signature]*  
**Registrar**

*M. K. [Signature]*  
**Vice-Chancellor**  
 FOR OFFICIAL USE ONLY





## DEVELOPMENT AND TESTING OF NANO COMPOSITE BASED INSULATING MATERIAL USING GREEN FIBRE



*M. K. Shor*  
Vice-Chancellor



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट  
National Institute of Technology Calicut



*Upon the recommendation of the Senate hereby confers on*

**SENTHIL.S**

*the degree of*

*Doctor of Philosophy*

*in the year 2014*

*Based on the thesis entitled:*

**"ANALYSIS OF DECISION PROBLEMS IN REVERSE LOGISTICS  
NETWORKS USING HYBRID MULTI-CRITERIA DECISION  
MAKING METHODS"**

*Given at the National Institute of Technology Calicut*

*on 10<sup>th</sup> January, 2015*

  
Registrar

  
Director

  
Chairperson





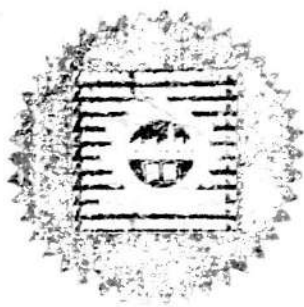
Reg. No. 70800/3140/RG



The Syndicate of the Anna University hereby makes known that SARAVANAKUMAR S 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 2014. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the thesis:

CHARACTERIZATION OF NATURAL CELLULOSIC *Prosopis juliflora* FIBERS AS POTENTIAL REINFORCEMENT FOR POLYMERIC MATRICES

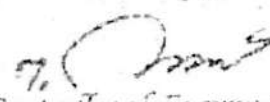


Given under the Seal of the University

Chennai 600 025

India

November 2014

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



Reg.No.1414289135/RG



*The Syndicate of the Anna University hereby makes known that NARAYANASAMY 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:*

**EFFECT OF TiC AND MoS<sub>2</sub> ADDITIONS ON THE TRIBOLOGICAL PROPERTIES OF MAGNESIUM HYBRID COMPOSITES**

*Given under the seal of the University*



Chennai 600025  
India  
June 2018  
FAMISION

*N. Narayanasamy P*  
**Controller of Examinations**  
NARAYANASAMY P

*[Signature]*  
**Registrar**

*M.K. Sridhar*  
**Vice-Chancellor**





# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: RAR012212

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 : THANGA KASI RAJAN S

Registration Number : 1214279773

Degree : Ph.D.

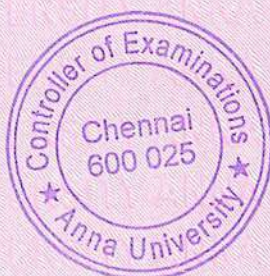
Department/Centre/Subject : MECHANICAL ENGINEERING

Faculty : MECHANICAL ENGINEERING

Date, Month & Year of Viva-Voce

Examination held : 28.08.2020

Title of the Thesis : WEAR, MECHANICAL AND CORROSION  
BEHAVIOUR OF COPPER-FLY ASH-TUNGSTEN  
HYBRID COMPOSITES



**Chennai - 600 025**

**Controller of Examinations**

**Date: 26-SEP-2020**





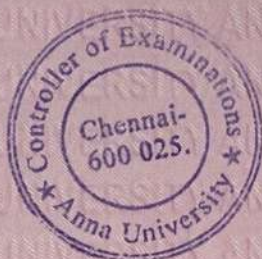
# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: SAR012019


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 : PRABHU B  
Registration Number : 1314279745  
Degree : Ph.D.  
Department/Centre/Subject : MECHANICAL ENGINEERING  
Faculty : MECHANICAL ENGINEERING  
Date, Month & Year of Viva-Voce Examination held : 15.04.2021  
Title of the Thesis : EXPERIMENTAL INVESTIGATION ON STABILITY AND THERMAL CHARACTERISTICS OF NANOCOMPOSITE PARTICLES DISPERSED PARAFFIN WAX FOR THERMAL ENERGY STORAGE SYSTEMS



Chennai - 600 025

Date: 24-JUN-2021

  
Controller of Examinations





Reg.No. 2006179101/RG

*The Syndicate of the Anna University hereby makes known that*  
**LAKSHMI 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 2012.*

*Title of the Thesis:*

**AN EXPERIMENTAL INVESTIGATION ON UTILIZATION OF GROUNDED WASTE E-PLASTIC AS FILLER MATERIAL IN CONCRETE**

*Given under the Seal of the University*



Chennai 600 025  
 India

*[Signature]*

*[Signature]*





Reg. No. 2004179701/RG

*The Syndicate of the Anna University hereby makes known that*  
**KATHIRVEL P** *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 2011.*

*Title of the thesis:*

**PERFORMANCE OF QUATERNARY CEMENT CONCRETE WITH FLY**  
**ASH, RICE HUSK ASH AND LIMESTONE POWDER**

*Given under the Seal of the University*



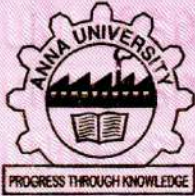
Chennai 600 025  
 India  
 January 2012

*[Signature]*  
 Controller of Examinations

*[Signature]*  
 Registrar

*[Signature]*  
 Vice-Chancellor





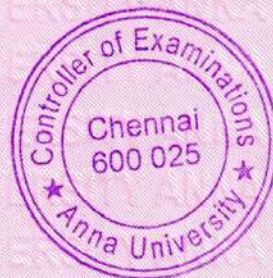
# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: QAR011034

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 : KARTHIK A  
Registration Number : 1514179723  
Degree : Ph.D.  
Department/Centre/Subject : CIVIL ENGINEERING  
Faculty : CIVIL ENGINEERING  
Date, Month & Year of Viva-Voce Examination held : 26.06.2019  
Title of the Thesis : STUDY ON FLY ASH-GGBS BASED AMBIENT CURED GEOPOLYMER CONCRETE



**Chennai - 600 025**

**Controller of Examinations**

**Date:** 20-JUL-19





பொறியியற் புலம்  
**FACULTY OF ENGINEERING**

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு  
கண்ணன் க

தொழிற்சாலை பொறியியல் - கணினி அறிவியல் (இணைவு) பாடப்பிரிவில்  
அந்ஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற  
தேர்வினோர் சான்றளித்தவாறு ஜனவரி 2014 ஆம் ஆண்டில்  
இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

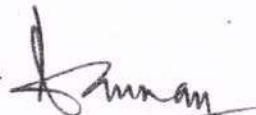
The Syndicate of the **MANONMANIAM SUNDARANAR UNIVERSITY**  
hereby makes known that **KANNAN K**  
has been admitted to the Degree of Doctor of Philosophy in  
**INDUSTRIAL ENGINEERING-COMPUTER SCIENCE (INTERDISCIPLINARY)**


he/she having been certified by duly appointed Examiners to be qualified  
to receive the same in the year **JANUARY 2014**



Given under the seal of the University.

திருநெல்வேலி, இந்தியா  
Tirunelveli, India

  
(Dr. N. Kannan)  
கேர்வாணையர்

  
(Dr. T. Tamizh Chelvam)  
பிரிவாளர்

  
(Dr. A. K. Kumarguru)  
கணினி பேராசிரியர்



# **Science And Humanities**





2008 ஆம் ஆண்டில் மதுரை காமராசர் பல்கலைக்கழகத்தில்

ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேட்டுக்காக 22-10-2008 நாளன்று முனைவர் பட்டம்  
பெறத் தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு  
பிரதீபா, நா.

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று மதுரை காமராசர் பல்கலைக்கழக  
ஆட்சிப்பேரவை அறிவிக்கின்றது.

மதுரை காமராசர் பல்கலைக்கழக இலச்சினையுடன், மதுரையில்

2009 ஆம் ஆண்டு

அக்டோபர் திங்கள்

13 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the Madurai Kamaraj University hereby makes known that*

**PRATHEEBA, N.**

*has been conferred the*

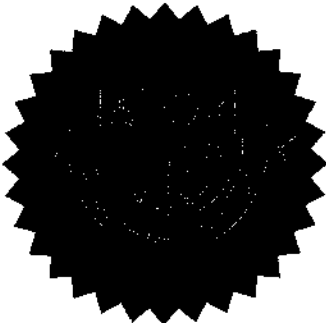
**DEGREE OF DOCTOR OF PHILOSOPHY**

*he / she having been certified by duly appointed Examiners to be qualified to receive  
the same as on 22-10-2008*

*Given under the seal of the Madurai Kamaraj University, at Madurai this  
13<sup>th</sup> day of October 2009*

**Title of the Thesis :**

**"MAPPING THE SOCIO-POLITICAL VISION IN  
NAYANTARA SAHGAL'S SELECT NOVELS."**



**Subject Area : ENGLISH.**

பல்கலைநகர், மதுரை - 625 021  
Palkalainagar, Madurai - 625 021  
நாள் Dated : 13-10-2009

J. R. S.?  
தேர்வாளர்  
Controller of Examinations

Register

Vice-Chancellor





FACULTY OF ARTS - ENGLISH  
கலையியற் புலம் - ஆங்கிலம்

2012 ஆம் ஆண்டில் மதுரை காமராசர் பல்கலைக்கழகத்தில்

தமிழ்நாடு சட்டப் பேரவை ஆய்வேட்டுக்காக 22-12-2011 நாளன்று முனைவர் பட்டம் பெறத் தகுதி அமைப்பவர் என்று தக்க தேர்வாளர்களால் அன்றளிக்கப்பட்டு சுந்தரராஜன், நா.

என்பவருக்கு முன்னாலேயே பம்பாய் அளிக்கப்படுகிறது என்று பஞ்சரை காபராமர் பல்கலைக்கழக ஆய்விப்போலை அறிவிக்கின்றார்.

УТВЕРЖДАЮ: Генеральный директор «Агросфера» 2012 г. И.И. Битин

[illegible]

The Senate of the Madurai Kamaraj University hereby makes known that

SUNDARAJAN, N.

has been conferred the

DEGREE OF DOCTOR OF PHILOSOPHY

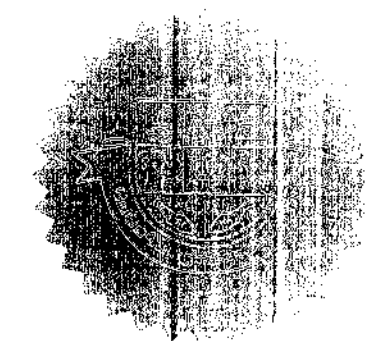
he / she having been certified by duly appointed Examiners to be qualified to receive the same as in 05-17-2011

Given under the Seal of the Madurai Kamaraj University, at Madurai this  
28<sup>th</sup> day of March 2012.

### Order of the Books

"THE NATIONAL MIRROR OF ALL ASSESSMENT"

Source: Area : D 1971/2





Register No : 11JLDRPEN004

Folio No : 00814



# KARPAGAM UNIVERSITY

Karpagam Academy of Higher Education  
(Established Under Section 3 of UGC Act 1956)  
Coimbatore - 641 021, India

The Board of Management of the **KARPAGAM UNIVERSITY** hereby makes known that **KAYAL VIZHI.B**

has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY in ENGLISH**

under the **FACULTY OF ARTS**

having been certified by the duly appointed examiners to be qualified to receive the same on **22<sup>nd</sup> August 2016**

Coimbatore

Dated : 12.11.2016



THE SEAL OF UNIVERSITY

*PPM*  
CONTROLLER OF EXAMINATIONS

*[Signature]*  
REGISTRAR

*[Signature]*  
VICE-CHANCELLOR







பாரதியார் பல்கலைக் கழகம்  
Bharathiar University

அறிவியல் பலம்

FACULTY OF SCIENCE



பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,  
தனலட்சுமி கா, 2013ஆம் ஆண்டு, ஆகஸ்ட் 19 ஆம் நாளில் கணிதவியல் என்னும் பிரிவில்  
ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை  
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சினைபுடன்,  
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that **THANALAKSHMI K**  
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **MATHEMATICS**,  
having been certified by duly appointed Examiners to be qualified to receive the same on 19th AUGUST 2013.

Given under the Seal of the University.

சொயம்புத்தூர்

Coimbatore

நாள்

Dated: 25th March 2014

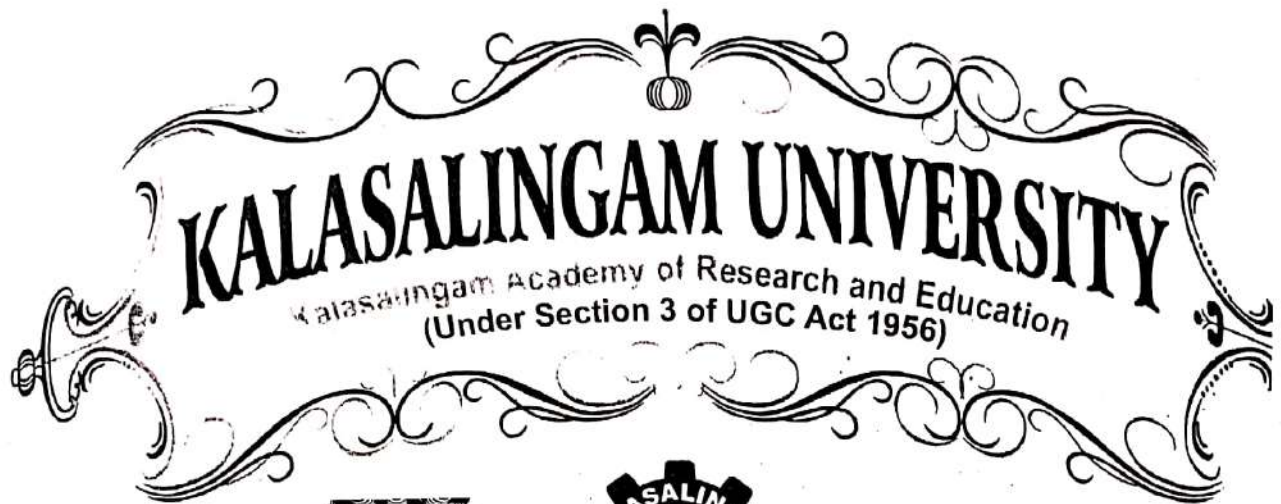
Controller of Examinations i/c

Registrar

Vice-Chancellor

A007943





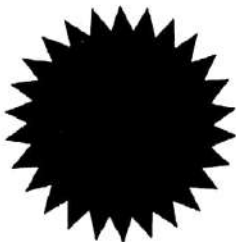
Register No. : 200813108

The Board of Management of the Kalasalingam University hereby makes known that Mr.KAMATCHI N. has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of **Mathematics**, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2013.

Title of the thesis:

**"DISTANCE MAGIC AND DISTANCE ANTIMAGIC LABELINGS OF GRAPHS"**

*Given under the seal of the University*



Anand Nagar,  
Krishnankoil - 626 126,  
Tamil Nadu, India

Controller of Examinations

Registrar

Vice - Chancellor

Date: 11.06.2013

Reg. No. 4479



அறிவியற் புலம்  
FACULTY OF SCIENCE

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு  
மகேஸ்வரி ஏ.

கணிதவியல் பாடப்பிரிவில்

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

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY  
hereby makes known that MAHESWARI A.  
has been admitted to the Degree of Doctor of Philosophy in  
MATHEMATICS

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



Given under the seal of the University.

திருநெல்வேலி, இந்தியா  
Tirunelveli, India

நாள், Dated 23.09.2013

S. Prabahar  
(Dr.S.Prabahar)  
தேர்வாணையர்

Controller of Examinations

(Dr.T.Tamizh Chelvam)  
பதிவாளர்  
Registrar

(Dr.A.K.Kumaraguru)  
துணை வேந்தர்  
Vice-Chancellor



Reg. No. : P 3127

KPVP 50007916



FACULTY OF SCIENCE - MATHEMATICS  
அறிவியற் புலம் - கணிதவியல்

2016 ஆம் ஆண்டில் மதுரை காமராசர் பல்கலைக்கழகத்தில்

ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேட்டுக்காக 23-11-2016 நாளன்று முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு தமிழிசை, ஆ.

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப் பேரவை அறிவிக்கின்றது.

மதுரை காமராசர் பல்கலைக்கழக இலச்சினையுடன், மதுரையில்

2017

ஆம் ஆண்டு

ஜூலை

திங்கள்

28

ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the Madurai Kamaraj University hereby makes known that*  
**THAMILISAI, A**

*has been conferred the*

**DEGREE OF DOCTOR OF PHILOSOPHY**

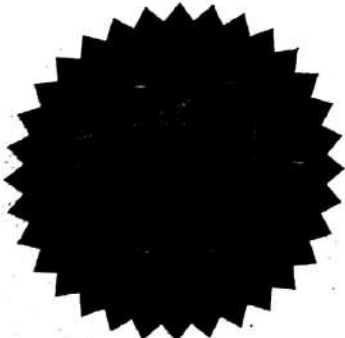
*he / she having been certified by duly appointed Examiners to be qualified to receive the same as on* 23-11-2016

*Given under the seal of the Madurai Kamaraj University, at Madurai this* 28<sup>th</sup> day of July 2017

**"STUDIES ON NEW BITOPOLOGICAL SEPARATION AXIOMS".**

**Title of the Thesis :**

**Subject Area : MATHEMATICS**

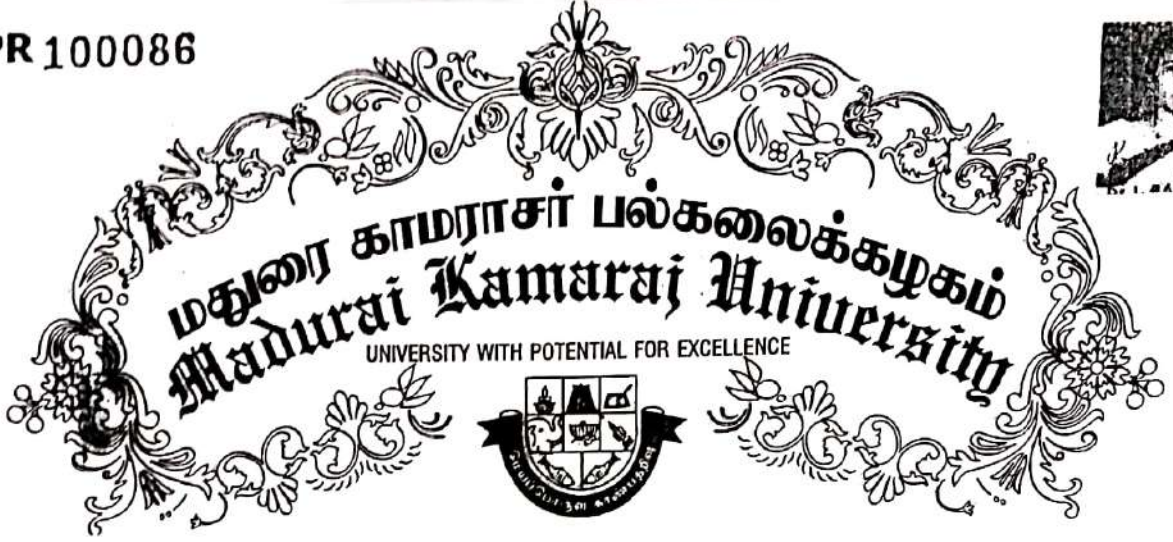


பல்கலைநகர், மதுரை - 625 021  
Palkalainagar, Madurai - 625 021  
நாள் Dated : 28-07-2017

தேர்வாணையர் (பொ.) பதிவாளர் (பொ.)  
Controller of Examinations (I/c) Registrar (I/c)

துணைவேந்தர்  
Vice-Chancellor

CPPR 100086



**அறிவியல் புலம்-கணிதவியல்**  
**FACULTY OF SCIENCE-MATHEMATICS**

\_\_\_\_\_ **2017** ஆம் ஆண்டில் மதுரை காமராசர் பல்கலைக்கழகத்தில், ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேடுக்காக \_\_\_\_\_ **21-12-2017** \_\_\_\_\_ நாளன்று முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு \_\_\_\_\_ **மேகலா நர** என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப் பேரவை அறிவிக்கின்றது.

மதுரை காமராசர் பல்கலைக்கழக இலச்சினையுடன் அளிக்கப்பட்டது.

The Senate of the MADURAI KAMARAJ UNIVERSITY in the year **2017** hereby makes known that \_\_\_\_\_ **MEHALA N** \_\_\_\_\_ has been conferred **DEGREE OF DOCTOR OF PHILOSOPHY** he/she having certified by duly appointed Examiners to be qualified to receive the same as on **21-12-2017**.

Given under the seal of the University.

**Register No : P3394**

**Subject Area : MATHEMATICS**

**Title of Thesis : ANALYSIS OF NON-LINEAR CHEMICAL REACTION SYSTEM**

**This Degree Certificate is awarded In Compliance of the UGC Regulations 2009**



நாள் Date **28 January 2018**  
பல்கலைநகர், மதுரை - 625 021  
Palkalai Nagar, Madurai - 625 021

\_\_\_\_\_ **தேர்வாளையர்**  
**Controller of Examinations**

\_\_\_\_\_ **பதிவரளர்**  
**Registrar**

\_\_\_\_\_ **துணைவேந்தர்**  
**Vice-Chancellor**



CPPR 101648



அறிவியற் புலம் - கணிதவியல்  
FACULTY OF SCIENCE - MATHEMATICS

2019 ஆம் ஆண்டில் மதுரை காமராசர் பல்கலைக்கழகத்தில், ஆய்வு நிகழ்த்தி  
வழங்கிய ஆய்வேடுக்காக 15-06-2018 நாளன்று முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று  
தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு பிருந்தா சே  
என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப் பேரவை  
அறிவிக்கின்றது.

மதுரை காமராசர் பல்கலைக்கழக இலச்சினையுடன் அளிக்கப்பட்டது.

The Senate of the MADURAI KAMARAJ UNIVERSITY in the year 2019 hereby makes  
known that BRINDHA S has been  
conferred DEGREE OF DOCTOR OF PHILOSOPHY he/she having certified by duly  
appointed Examiners to be qualified to receive the same as on 15-06-2018.

Given under the seal of the University.

Register No : P4289

Subject Area : MATHEMATICS

Title of Thesis : FURTHER INVESTIGATIONS ON NEW BITOPOLOGICAL CONCEPTS

This Degree Certificate is awarded in Compliance of the UGC Regulations 2009



திகதி Date 28 September 2019  
பல்கலைக்கழகம், மதுரை - 625 021  
Palkalai Nager, Madurai - 625 021

தேர்வாளணையர்  
Controller of Examinations

பதிவாளர்/பொறுப்பு  
Registrar in-charge

துணைவேந்தர்  
Vice-Chancellor



மதுரை காமராசர் பல்கலைக்கழகம்  
**Madurai Kamaraj University**  
 UNIVERSITY WITH POTENTIAL FOR EXCELLENCE



FACULTY OF SCIENCE - PHYSICS  
 அறிவியற் புலம் - இயற்பியல்

2012 ஆம் ஆண்டில் மதுரை காமராசர் பல்கலைக்கழகத்தில்

ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேட்டுக்காக 05-11-2011 நாளன்று முனைவர் பட்டம்

பெறத் தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு  
 எழிலரசி, அ.

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று மதுரை காமராசர் பல்கலைக்கழக  
 ஆட்சிப் பேரவை அறிவிக்கின்றது.

மதுரை காமராசர் பல்கலைக்கழக இலச்சினையுடன், மதுரையில் 2012 ஆம் ஆண்டு  
 மார்ச் திங்கள் 28 ஆம் நாள் அளிக்கப்பட்டது.

The Senate of the Madurai Kamaraj University hereby makes known that  
**YELIL ARASI, A.**

has been conferred the

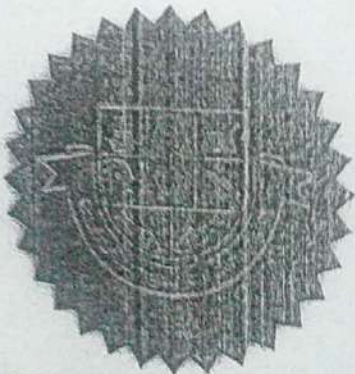
DEGREE OF DOCTOR OF PHILOSOPHY

he / she having been certified by duly appointed Examiners to be qualified to receive  
 the same as on 05-11-2011

Given under the seal of the Madurai Kamaraj University, at Madurai this  
 28<sup>th</sup> day of March 2012

Title of the Thesis: "ROLE OF NANO MATERIALS ON THE STRUCTURE-  
 PROPERTY RELATIONSHIP OF ELECTRICALLY  
 CONDUCTING POLYMER".

Subject Area : PHYSICS



பல்கலைக்கழகம், மதுரை - 625 021  
 Palakalainagar, Madurai - 625 021  
 Date Dated: 28.03.2012

Controller of Examinations

Registrar

Vice-Chancellor





பாரதியார் பல்கலைக் கழகம்  
Bharathiar University

அறிவியல் புலம்  
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,  
ஹேமா மு, 2009ஆம் ஆண்டு, அக்டோபர் 13ஆம் நாளில் இயற்பியல் என்னும் பிரிவில்  
ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை  
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சினையுடன்,  
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that HEMA M  
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in PHYSICS,  
having been certified by duly appointed Examiners to be qualified to receive the same on 13th OCTOBER 2009.

Given under the Seal of the University.



கோயம்புத்தூர்  
Coimbatore  
நாள்

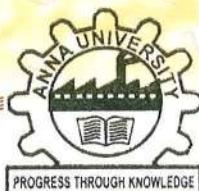
B.V.  
தேர்வாளனையர்

Penn  
பதிவாளர்  
Registrar

V.V.  
துணைவேந்தர்  
Vice-Chancellor

Dated: 24th November 2009 Controller of Examinations  
y50211

C N° 213951



Reg.No.1314789153/RG



*The Syndicate of the Anna University hereby makes known that **SAKTHIRAJ K** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Science and Humanities**, 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:*

**PREPARATION AND STUDY OF ROOM TEMPERATURE FERROMAGNETISM IN TIN OXIDE NANOCRYSTAL**

*Given under the seal of the University*



Chennai 600025

India

June 2018  
PAR017233

*[Signature]*  
Controller of Examinations

SAKTHIRAJ K

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

850C3BA23D3C747AEFAC5AC32D1DB



Sl. No. 0500435



# அழகப்பா பல்கலைக்கழகம் Alagappa University

{Accredited with A+ Grade by NAAC (CGPA 3.64) in the Third Cycle}

{Graded as Category - I University and Granted Autonomy by MHRD-UGC,  
2019: Asia Rank - 216, QS BRICS Rank - 104, QS India Rank - 20}

அறிவியற்புலம்

அழகப்பா பல்கலைக்கழக ஆட்சிக்குழு

சாந்தி மு

என்பவருக்கு

இயற்பியலில் முனைவர்

பட்டத்தை அதற்குரிய தேவைகளை நிறைவு செய்தமையால்

ஜூலை 2018 இல் அளிக்கிறது

பல்கலைக்கழக முத்திரை பெறுகிறது



**FACULTY OF SCIENCE**

**The Syndicate of the Alagappa University**

hereby confers the degree of

**DOCTOR OF PHILOSOPHY IN PHYSICS**

on

**SHANTHI M**

in JULY 2018 for having fulfilled the requirements for the degree

**Title of the Thesis: Preparation and Characterization of Solid and Gel Polymer Electrolytes Based on Poly (Vinylidene Chloride-Co-Acrylonitrile)**



Given under the seal of the University

Karaikudi

Date: 01-Nov-2018

*(Signature)*

பதிவாளர்  
Registrar

*(Signature)*

துணைவேந்தர்  
Vice - Chancellor



# Anna University



Reg.No.2011150102/RG



The Syndicate of the Anna University hereby makes known that **BHARATHY G** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Science and Humanities**, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2019**. The degree has been awarded in compliance with the “**University Grants Commission, Regulations 2009**”.

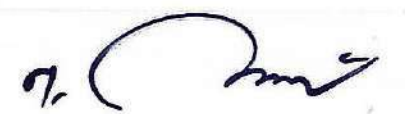
*Title of the Thesis:*

**SYNTHESIS AND PROPERTIES OF METALS DOPED NiO NANOPARTICLES**

*Given under the seal of the University*



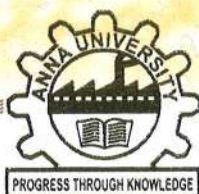
Chennai 600025  
India  
December 2019  
QAR31777

  
Controller of Examinations  
BHARATHY G

  
Registrar

  
Vice-Chancellor  
HAF4B2FA773E28A0C0CCF74BCD





Reg.No. 1414789733/RG



*The Syndicate of the Anna University hereby makes known that*  
**MANIKANDAN K M** *has been admitted to the* **DEGREE OF DOCTOR OF PHILOSOPHY** *under the Faculty of Science and Humanities, 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:*

**FABRICATION OF HIGH EFFICIENT DYE SENSITIZED SOLAR CELL USING POLYMER ELECTROLYTES**



*Given under the Seal of the University*

Chennai 600 025  
 India  
 March 2021  
 RAR017165

  
 Controller of Examinations  
 MANIKANDAN K M

  
 Registrar

  
 Vice-Chancellor  
 1906E11DA56193621953A246A65A704



AB21



Code No. 00046 S.No. 479301

# பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2f 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

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு செப்டம்பர் 2009

ஆம் ஆண்டு

தி. தனலெட்சுமி,

என்பவர்

வேதியியல்

பிரிவில்

முனைவர்

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 T. DHANALAKSHMI has been admitted  
to the Degree of DOCTOR OF PHILOSOPHY, in the subject  
CHEMISTRY, having been certified by duly  
appointed Examiners to be qualified to receive the same in  
SEPTEMBER 2009.

Thesis Title

"SYNTHESIS, STRUCTURE, SPECTRA, REDOX AND CATALYTIC  
PROPERTIES OF COPPER(II) AND BIOINSPIRED IRON(III)  
COMPLEXES OF TRIDENTATE 3N LIGANDS"

Given under the seal of the University.

திருச்சிராப்பள்ளி  
Tiruchirappalli

நாள் : 27th November 2009

Dated :

E 33057

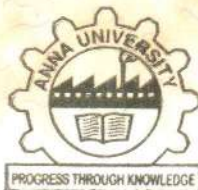
ISSUED ON : 27 NOV 2009

*R. L.*  
பதிவாளர் Registrar

*B. M.*

துணைவேந்தர் Vice-Chancellor





Reg.No. 1224779738/RG

*The Syndicate of the Anna University hereby makes known that*  
**LUNA EUNICE S** *has been admitted to the* **DEGREE OF DOCTOR OF PHILOSOPHY** *under the* **Faculty of Science and Humanities**, *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:*

**SYNTHESIS AND CHARACTERIZATION OF BLOCK COPOLYMERS**

*Given under the Seal of the University*



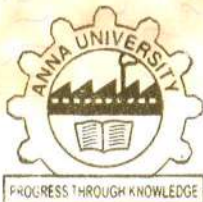
Chennai 600 025  
 India  
 January 2016  
 MAH017323

*Controller of Examinations*

*Registrar*

*Vice-Chancellor*





Reg.No. 20117501010/RG

*The Syndicate of the Anna University hereby makes known that*  
**DHANALAKSHMI J** *has been admitted to the* **DEGREE OF DOCTOR**  
**OF PHILOSOPHY** *under the* **Faculty of Science and Humanities**, *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:*

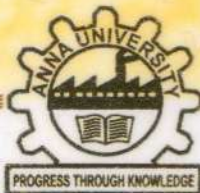
**HIGH TEMPERATURE MATRIX RESINS**

*Given under the Seal of the University*





# Anna University



Reg.No. 20117501009/RG

*The Syndicate of the Anna University hereby makes known that*  
**SHAMIM RISHWANA S** *has been admitted to the* **DEGREE OF**  
**DOCTOR OF PHILOSOPHY** *under the Faculty of Science and*  
*Humanities, 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:*

**SYNTHESIS AND CHARACTERIZATION OF POLYBENZOXAZINE**

*Given under the Seal of the University*



Chennai 600 025

India

May 2017

*Controller of Examinations*

SHAMIM RISHWANA S

*Registrar*

*Chairman, Convener Committee*

*Vice-Chancellor*