

PAAVAI ENGINEERING COLLEGE

(Autonomous Institution)

(Approved by AICTE and Affiliated to Anna University)

(Accredited by National Board of Accreditation, New Delhi & NAAC (UGC) with 'A' Grade)

Paavai Nagar, NH - 7, PACHAL, NAMAKKAL - 637 018. Tamil Nadu

☎ 04286-243038, 58,88 & 98 Fax: 04286-243068 Email: pecprincipal@paavai.edu.in website: http://pec.paavai.edu.in

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the Paavai Engineering College has average percentage of full time teachers with Ph.D is 24.7% during the 2022-2023 year.



PRINCIPAL
PRINCIPAL
PAAVAI ENGINEERING COLLEGE
NH-7, PACHAL Post, NAMAKKAL Dis:

Anna University

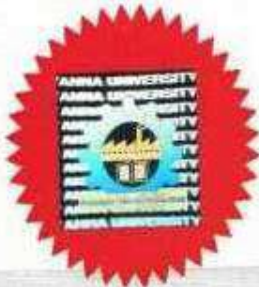


Reg. No: 71060321004/RG

The Syndicate of the Anna University hereby makes known that **ARRAVIND R** 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 INVESTIGATION ON MECHANICAL AND TRIBOLOGICAL BEHAVIOUR OF Al6061-Al₂O₃-Gr HYBRID COMPOSITE



Given under the Seal of the University

Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor

WARRL2017

ARRAVIND R

11060321004/RG/2017



महर्षि सूचना प्रौद्योगिकी विश्वविद्यालय

(University Established by State Legislature Act. of U.P. 31 of 2001)

महर्षि नगर, आई.आई.एम. बाई पास, सीतापुर रोड, लखनऊ 226020 (उप्र)
की कार्यकारी परिषद, विद्वत परिषद की संस्तुति पर



Serial No./ क्रमांक:- 1900323

Enrollment No./ अनुक्रमांक सं० : 15-PHDC-2254



दीपक डी जिन्होंने डॉक्टर ऑफ फिलॉस्फी की उपाधि हेतु निर्धारित पाठ्यक्रम अप्रैल, 2019 में पूरा किया, को उक्त उपाधि आज दिनांक 2 नवम्बर, 2019 को विश्वविद्यालय अनुदान आयोग के अधिनियम 2009 के अनुरूप प्रदान की गयी।

मुख्य विषय - मेकैनिकल इंजीनियरिंग

शीर्षक- HEAT TRANSFER WITH VISCO-ELASTIC FLUIDS IN A
MAGNETIC FIELD OF IC ENGINES

On the recommendations of the Academic Council, the Executive Council of

MAHARISHI UNIVERSITY OF INFORMATION TECHNOLOGY

(University Established by State Legislature Act. of U.P. 31 of 2001)

Maharishi Nagar, IIM By Pass, Sitapur Road, Lucknow-226020, U.P.

DEEPAK D having completed the prescribed requirements for the DOCTOR OF PHILOSOPHY in April, 2019, as per UGC regulation 2009, has been admitted to the said degree on this date 2nd November, 2019.

Major Subject - MECHANICAL ENGINEERING

Title - HEAT TRANSFER WITH VISCO-ELASTIC FLUIDS IN A
MAGNETIC FIELD OF IC ENGINES


कुलसचिव
Registrar




कुलपति
Vice Chancellor

Scanned by CamScanner

No. 100062



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING & TECHNOLOGY

ஏப்ரல், 2015 இல்

உருவாக்கப் பொறியியல்

பிரிவில் நடத்திய தேர்வுகளில்

தமிழ்ச்செல்வன் ப

தேர்ச்சியடைந்து ஆய்வின் மதிப்பீடு முனையாக அணுகல்பெற்ற திருவருத்தமலர் சான்றிதழை

ஆய்வியல் அறிஞர்

பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார்

என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இணைப்பு அறிவிக்கிறது.

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known that **TAMILCHELVAN P** 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 **APRIL, 2015**.

TITLE OF THE THESIS

INVESTIGATIONS ON WELDZONE AND STRENGTH CHARACTERISTICS ON EXPLOSIVE CLADDED TITAN I2SS 304 L PLATES.

பல்கலைக்கழக முத்திரை/செல்லில் அடங்கி
Given under the seal of the University



அண்ணாமலைப் பல்கலைக்கழகம்
Annamalai University

சான்றிதழ்

Dr. K. Arunagum
பொறியியல் பேராசிரியர்

Dr. S. Manian
கலாநாயகர்

Sl.No.: 001156A



**TAMIL NADU AGRICULTURAL UNIVERSITY
COIMBATORE**

On the recommendation of the
Academic Council and the Board of Management
hereby admits

VIVEKANANDHINI, A.
(ID No.: 2015800213)

to the degree of
Doctor of Philosophy
in AGRONOMY
(Faculty of Agriculture)



he / she having qualified to receive the same
securing an Overall Grade Point Average
of 8.77 out of 10.00 in the year 2018
together with all the honours and distinctions belonging
to this degree given under the seal of the University



COIMBATORE
Date: 25.10.2019




N. KUMAR
Vice Chancellor



Sl.No.: 0011560

**TAMIL NADU AGRICULTURAL UNIVERSITY
COIMBATORE**

On the recommendation of the
Academic Council and the Board of Management
hereby admits

AJAYKUMAR, R.
[ID No.: 2015808210]
to the degree of
Doctor of Philosophy
In AGRONOMY
(Faculty of Agriculture)



he / she having qualified to receive the same
securing an Overall Grade Point Average
of 8.95 out of 10.00 in the year 2019
together with all the honours and distinctions belonging
to this degree given under the seal of the University



COIMBATORE
Date: 25.10.2019




R. KUMAR
Vice Chancellor



.....அறிவியல்..... புலம்
FACULTY OF SCIENCE.....

2017 ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு ருபவதி ஜெயப்ரியா அ என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலட்சினையுடன், சென்னையில் 2018 ஆம் ஆண்டு மே திங்கள் 5 ஆம் நாள் அளிக்கப்பட்டது.

The Senate of the University of Madras hereby makes known that
RUBAVATHY JAYA PRIYA 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 in the year 2017.

Given under the seal of the University of Madras, at Chennai this
5th *day of* May 2018.

Title of the Thesis : "DENDRIMER AND THIOL FUNCTIONALIZED MWCNT NANOHYBRIDS AND SURFACTANT STABILIZED METAL NANOPARTICLES FOR BIOLOGICAL AND CATALYSIS APPLICATIONS" (Chemistry-Physical Chemistry)
ஆய்வுத் தலைப்பு :

Ph.D. Degree has been awarded in accordance with the minimum standards and procedure of the regulations of the University Grants Commission 2009.

L. J. J. J.
பதிவாளர்
Registrar



P. D. J. J.
துணை வேந்தர்
Vice-Chancellor



SLNo.: 0011634

**TAMIL NADU AGRICULTURAL UNIVERSITY
COIMBATORE**

On the recommendation of the
Academic Council and the Board of Management
hereby admits

VANITHA, S.

[ID No.: 2014864506]

to the degree of

Doctor of Philosophy

in LAND AND WATER MANAGEMENT ENGINEERING
(Faculty of Agricultural Engineering)



he / she having qualified to receive the same
securing an Overall Grade Point Average
of 8.66 out of 10.00 in the year 2018
together with all the honours and distinctions belonging
to this degree given under the seal of the University



COIMBATORE
Date : 25.10.2019



N. KUMAR
Vice Chancellor

No. : 0001454



**TAMIL NADU AGRICULTURAL UNIVERSITY
COIMBATORE**



*On the recommendation of the
Academic Council and the Board of Management*

hereby admits

DHARMARAJ, V.

to the degree of

Doctor of Philosophy

in BIO-ENERGY

(Faculty of Agricultural Engineering)

*he /she having qualified to receive the same
securing an Overall Grade Point Average
of **7.84** out of **10.00** in the year **2013***

*together with all the honours and distinctions belonging
to this degree given under the seal of the University*

Coimbatore

Date : 26-08-2014




K. RAMASAMY
Vice Chancellor

SLNo. 14/ 100739

Reg.No:2009195203

SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

சத்யபாமா பல்கலைக்கழகம்

(பல்கலைக்கழக பதிவு எண்: 3, அட்டம் 1956ல் கீழ் நிறுவப்பட்டது)

FACULTY OF BIO ENGINEERING



The Board of Management of Sathyabama University, hereby makes known that

ARUN KUMAR, T

has been conferred

the **DEGREE OF DOCTOR OF PHILOSOPHY**, having been certified by duly appointed examiners to be qualified to receive the same in **APRIL 2017** for the thesis entitled

STUDIES ON LACCASE PRODUCTION FROM *Pseudomonas* SPECIES AND ITS APPLICATION IN DEGRADATION OF AZO DYES

given under the seal of the university, at Chennai this **TWENTY NINETH** day of **July 2017**.

Given under the seal of the University

Vice Chancellor

Pro Chancellor



Date: July 29, 2017



Jepiavar Nagar, Chennai-600119,
Tamil Nadu, INDIA.

Anna University



Reg.No.71060522033/RC



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

Title of the Thesis:

CERTAIN INVESTIGATIONS ON EFFICIENT TRUST AND POWER AWARE ROUTING FOR WIRELESS SENSOR NETWORKS

Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Sl. No.: D18 014252

Register No. : 2009792112

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University Under Section 3 of UGC Act, 1956)



*The Board of Management of Sathyabama Institute of Science and Technology hereby makes known that **RAJASEKARAN.S** has been conferred the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **FACULTY OF ELECTRONICS ENGINEERING**, having been certified by duly appointed examiners to be qualified to receive the same on **DECEMBER 2019** for the thesis entitled **PERFORMANCE ANALYSIS OF HYBRID MEMORY CIRCUIT USING SINGLE ELECTRON TRANSISTOR** given under the seal of the institution, at Chennai this **EIGHTEENTH day of SEPTEMBER 2020***

Given under the seal of the Institution

Vice Chancellor

Chancellor



Dated: September 18, 2020



Jeppiaar Nagar, Chennai-600119,
Tamil Nadu, INDIA.



Anna University



Reg.No.100910222001/RG



The Syndicate of the Anna University hereby makes known that **AMUDHAVALLI N K** 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 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

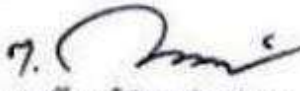
Title of the Thesis:

ENHANCEMENT OF STRENGTH AND DURABILITY CHARACTERISTICS OF TERNARY BLENDED FIBRE REINFORCED CONCRETE

Given under the seal of the University



Chennai 600025
India
June 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg. No. 7106/M2/2009/RG



The Syndicate of the Anna University hereby makes known that BANUMATHY D 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:

AN OPTIMIZED CLUSTERING TECHNIQUE FOR HIGHER DIMENSIONAL DATA

Given under the seal of the University



Chennai 600025
India
December 2015


Controller of Examinations


Registrar


Vice-Chancellor



Doctor of Philosophy in Engineering

In the subject of *Computer Science*
This is to certify that *Dr. Anurag Singh*
has been admitted to the degree of Doctor of Philosophy
in Engineering in this University at the Commencement
of *2015-16*

Dr. Anurag Singh
2015

PRINCIPAL

MAVAI ENGINEERING COLLEGE
UN-7, RACHAL Post, NAWABSHAH (U.P.)

AK Singh

Regn. No. : SP14CSD219



St. Peter's Institute of Higher Education and Research

Deemed to be University u/s 3 of the UGC Act, 1956



*The Board of Management of the
St. Peter's Institute of Higher Education and Research*

hereby makes known that

MARIA MANUEL VIANNY D

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

in

COMPUTER SCIENCE AND ENGINEERING

he having been certified by duly appointed examiners

to be qualified to receive the same

at the VIVA-VOCE examination held in JULY 2019.



Given under the seal of the Institute.

Date : 31-08-2019
Avadi, Chennai - 600 054
Tamilnadu, India



Yas K
Registrar

Mr. P. S. P. P. P.
Vice-Chancellor

Anna University



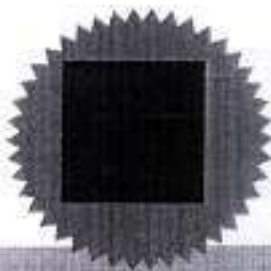
Reg.No. 7076062216/RG

The Syndicate of the Anna University hereby makes known that
MALATHY G *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* **2015**. *The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".*

Title of the Thesis:

PERFORMANCE ENHANCEMENT IN CLOUD USING RESERVATION CLUSTER

Given under the Seal of the University



Chennai 600 025
India
January 2016


Controller of Examinations


Registrar


Vice-Chancellor



Reg.No. 20074032007 RG



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

A NOVEL APPROACH FOR MRI IMAGE ANALYSIS USING SOFT COMPUTING TECHNIQUES



Given under the Seal of the University

Chennai 600 025
India
November 2014

[Signature]
Controller of Examinations

[Signature]
Registrar

[Signature]
Vice-Chancellor

Register Number : CS1804



HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE

(Deemed to be University Under Section 3 of the UGC Act, 1956)

Serial No. : RPH226203



*The Chancellor and the Board of Management of
Hindustan Institute of Technology and Science*

hereby makes known that

ARIVUKARASI M.

has been admitted to the Degree of

Doctor of Philosophy

under the Faculty of Engineering and Technology

having been certified by duly appointed examiners to be

qualified to receive the same

Given on this day, the 27th April 2022

Title of the Thesis :

**AN EFFECTIVE PHISHING DETECTION MODEL USING HYBRID
FEATURES ALGORITHM AND DEEP LEARNING TECHNIQUES**

Given under the Seal of the University



DATE : 30-09-2022
Chennai, India

REGISTRAR

VICE-CHANCELLOR

CHANCELLOR

Regn. No. : SP13CSD225



St. Peter's Institute of Higher Education and Research

Deemed to be University u/s 3 of the UGC Act, 1956



*The Board of Management of the
St. Peter's Institute of Higher Education and Research
hereby makes known that*

KARTHIK J

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

in

COMPUTER SCIENCE AND ENGINEERING

he having been certified by duly appointed examiners

to be qualified to receive the same

at the VIVA-VOCE examination held in AUGUST 2022.



Given under the seal of the Institute

Date : 30-10-2022
Avadi, Chennai - 600 054
Tamilnadu, India



Yac K.. -
Registrar

EDATJ
Vice-Chancellor

Anna University



Reg.No. 18145297137/RG

The Syndicate of the Anna University hereby makes known that
MARUTHATHURAI K 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 **2022**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".

Title of the Thesis:

**VISIBLE ACTIVE NOVEL SEMICONDUCTOR COMPOSITES:
SYNTHESIS, CHARACTERIZATION AND PHOTOCATALYTIC
DEGRADATION OF ORGANIC POLLUTANTS**

Given under the Seal of the University



Chennai 600 025
India
July 2022

P. Sathish
Controller of Examinations

J. M.
Registrar

R. V. Vijay
Vice-Chancellor

1003321

AcSIR

वैज्ञानिक और नवीकृत अनुसंधान अकादमी

Sl. No. 2022/2016

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH

(Established by an Act of Parliament as an Institution of National Importance)

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH ON THE RECOMMENDATION OF THE SENATE

HEREBY CONFERS UPON

Ellamparuthy G

THE DEGREE OF

DOCTOR OF PHILOSOPHY IN ENGINEERING

UNDER THE FACULTY OF ENGINEERING SCIENCES

FOR THE RESEARCH WORK CARRIED OUT AT CSIR-Institute of Minerals and Materials Technology, Bhubaneswar, INDIA

WITH THE THESIS TITLE

**Studies on mechanical separation and hydrometallurgical extraction of metal values from
end-of-life printed circuit boards**

THE CANDIDATE HAS BEEN DECLARED QUALIFIED FOR THE AWARD OF THE DEGREE ON 18th February, 2022.

AcSIR

Academy of Scientific & Innovative Research

CERTIFIED TRUE COPY OF ORIGINAL



Rajinder Singh
Director



SIGN

ASSOCIATE DIRECTOR

Chandra Shekhar
Chancellor

Anna University



Reg.No. 1116051203896G

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


Title of the Thesis:

ROUTING OPTIMIZATION IN MOBILE WIRELESS SENSOR NETWORKS USING SOFT COMPUTING TECHNIQUES

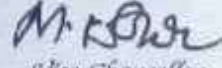


Given under the Seal of the University

Chennai 600 025
India
March 2021
www.auniv.ac


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No.7979022114/103



The Syndicate of the Anna University hereby makes known that **VIJAYAKUMAR 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 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

CERTAIN INVESTIGATION ON FPGA ROUTING ALGORITHM FOR REDUCTION OF POWER AND DELAY

Given under the seal of the University



Chennai 600025
 India
 June 2019


 Controller of Examinations


 Registrar


 Vice-Chancellor

Anna University



ANU/01/00117/2011/001

The Syndicate of the Anna University hereby notifies that
ARUNA 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 **2011**.

Title of the thesis:

**PERFORMANCE ENHANCEMENT OF MIMO MOBILE AD HOC
NETWORKS FOR IEEE 802.16 WIMAX SYSTEM EMPLOYING CROSS
LAYER DESIGN**

Given under the Seal of the University



ANU/01/00117/2011/001
Date
January 2012

[Signature]
Controller of Examinations

[Signature]
Registrar

[Signature]
Vice-Chancellor

Anna University



Reg.No. 4087052215/RG



The Syndicate of the Anna University hereby makes known that **LOGANAYAGI 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 **2016**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

AN EXTENDED BILATERAL FILTER FOR SPECKLE REDUCTION IN ULTRASOUND KIDNEY IMAGE SEGMENTATION FOR STONE DETECTION

Given under the Seal of the University



Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor

Series No: C25/16/43329

Register No

PHD 1198



Pondicherry University



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

PUSHPAVALLI, R.

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

in Electronics and Communication Engineering for the thesis entitled "An Investigation on Intelligent Nonlinear Filtering Techniques for Image Enhancement" in January 2017.

Given under the Seal of the University



[Signature]
Registrar

Puducherry
Date **29 JUL 2017**

[Signature]
Vice-Chancellor

Anna University

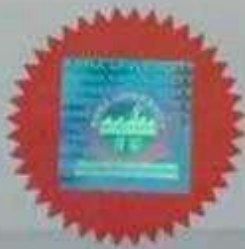


Reg.No. 11160532030/RG

The Syndicate of the Anna University hereby makes known that PUNITHA L. 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:

DESIGN OF HIGH SPEED AND LOW POWER FLIP FLOP DESIGN IN MEMORY APPLICATIONS USING MICRON TECHNOLOGY



Given under the Seal of the University

Chennai 600 025
India
March 2021

Controller of Examinations

Registrar

Vice-Chancellor

Anna University



Reg.No. 1324469317/RG

The Syndicate of the Anna University hereby makes known that
MOHANA PRIYA 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:

AN EFFICIENT APPROACH FOR MALICIOUS BASE STATION AND LINK FAILURE DETECTION IN HETEROGENEOUS NETWORKS



Given under the Seal of the University

Chennai 600 025
India
March 2021


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 10960421027-RO

The Syndicate of the Anna University hereby makes known that
MURALI BABU B *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:

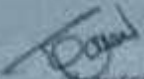
CHARACTERISTICS ESTIMATION OF QUANTUM DOT SOLAR CELL USING ADVANCED MATHEMATICAL MODELS

Given under the Seal of the University



Chennai 600 025
 India
 January 2015


Controller of Examinations


Registrar


Vice-Chancellor



Reg.No. 11160431003/RG

The Syndicate of the Anna University hereby makes known that BALAJI G 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 2016. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

WIND ENERGY CONVERSION SYSTEM USING NOZZLE AUGMENTED WIND TURBINE AND POWER CONVERTERS

[Handwritten signature]



Given under the Seal of the University

[Handwritten signature]

PRINCIPAL
PAVAI ENGINEERING COLLEGE
50-7 PACHAL Post, NAMAKKAL Dist.

Anna University



Reg.No. 11210431042RG

The Syndicate of the Anna University hereby makes known that **RATHINAM A** 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 **2016**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

INVESTIGATIONS ON PERFORMANCE OF MULTILEVEL INVERTER TOPOLOGIES FOR MEDIUM POWER APPLICATIONS

Given under the Seal of the University



Chennai: 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor

Anna University



Reg.No.1314169800/RG



The Syndicate of the Anna University hereby makes known that
JAGATHEESAN K 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:


BIO-INSPIRED ALGORITHMS FOR AUTOMATIC GENERATION CONTROL OF MULTI-AREA INTERCONNECTED HYDRO-THERMAL POWER SYSTEMS WITH NON-LINEARITY

Given under the seal of the University



Chennai 600025
India
June 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 1314369135/RG

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

Title of the Thesis:

INVESTIGATIONS ON STABILITY AND FAULT ANALYSIS OF BLDC MOTOR USING AN INTELLIGENT CONTROLLERS



Given under the Seal of the University

Chennai 600 025
India
March 2021
ANNA


Controller of Examinations


Registrar


Vice-Chancellor
ANNAUNIVERSITY.ORG

Anna University



Reg.No. 1414369746/RG

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

Title of the Thesis:

DESIGN OF PHOTOVOLTAIC MODULE INTEGRATED MODIFIED THREE-PORT INTERLEAVED FLYBACK CONVERTER FED SIX-LEVEL SHUNT ACTIVE POWER FILTER

Given under the Seal of the University



Chennai 600 025
India
July 2022
14-0000

P. Sathishkumar
Controller of Examinations

J. M.
Registrar

R. V. Vijay
Vice-Chancellor

Anna University



Reg.No. 1614369156/RG

The Syndicate of the Anna University hereby makes known that **RAMACHANDRAN 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 **2022**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

CERTAIN INVESTIGATIONS ON SOLAR PHOTOVOLTAIC INTERFACED QUASI IMPEDANCE SOURCE NETWORK BASED STATIC COMPENSATOR FOR VOLTAGE AND FREQUENCY CONTROL IN THE WIND ENERGY SYSTEM

Given under the Seal of the University



Chennai 600 025
India
July 2022

P. Sankaranarayanan
Controller of Examinations

1.11-
Registrar

R.V. Vijay
Vice-Chancellor

Anna University



Reg. No.17143697171/RI



The *Senate* of Anna University hereby makes known that **RATHINAVEL** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** in the Faculty of Electrical 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 2016".

Title of the Thesis:

THE STUDIES OF CLAD REMOVED FIBRE OPTIC GAS SENSOR BASED ON $MnCo_2O_4$, $MgCo_2O_4$, $FeCo_2O_4$ AND $NiCo_2O_4$ NANOPARTICLES AS HIGH PERFORMANCE ETHANOL AND ACETONE GAS DETECTION AT ROOM TEMPERATURE USING HYDROTHERMAL METHOD

Given under the seal of the University



Chennai 600025
India
July 2022

P. Sankarivel
Controller of Examinations

A. R. A.
Registrar

R. V. Vijay
Vice-Chancellor

Anna University



Reg.No. 1214459806/RG

The Syndicate of the Anna University hereby makes known that
BOOPATHI D 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:

ANT COLONY OPTIMIZATION TECHNIQUE TUNED CONTROLLER FOR FREQUENCY REGULATION OF SINGLE AREA NUCLEAR POWER GENERATING SYSTEM

Given under the Seal of the University



Chennai 600 025
India
July 2022

P. Sankaranarayanan
Controller of Examinations

f. M.
Registrar

R. V. Lakshmi
Vice-Chancellor



Reg. No. 201177011001/REG

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

Anna University



Reg. No: 100960122057/R/G

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

PRODUCTION, PURIFICATION AND APPLICATION OF LIPASES FROM SELECTED POTENT BACTERIAL STRAINS ISOLATED FROM OIL SPILLED SOILS



Given under the Seal of the University

Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor

Reg No : DMHP0639 ✓
College Code: 501 ✓

No.2KM 00157 ✓



பெரியார் பல்கலைக்கழகம்
PERIYAR UNIVERSITY



FACULTY OF SCIENCE



The Syndicate of the PERIYAR UNIVERSITY hereby makes known that
CHITRA P ✓ has been admitted to the
Degree of DOCTOR OF PHILOSOPHY in BIOCHEMISTRY ✓
having been certified by duly appointed Examiners to be qualified to receive the
same on September 11, 2014 ✓ for the thesis entitled,

*A STUDY OF MARKERS IN THE PROGRESSION OF HIV PATIENTS UNDERGOING
HIGHLY ACTIVE ANTIRETROVIRAL THERAPY.* ✓

This degree is awarded in accordance with the UGC Regulations on Minimum
Standards and Procedure 2009.



VERIFIED & FOUND CORRECT

[Signature]

Given under the seal of the University



Dated : 16-09-2015
Place : Salem - 636011
Tamil Nadu, India.

[Signature]
Controller of Examinations

[Signature]
Registrar

[Signature]
Vice-Chancellor

Anna University



Reg No. 11200621139/RC

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

Title of the Thesis:

PERFORMANCE ANALYSIS OF AUTHORIZATION AND ATTRIBUTE BASED ENCRYPTION TECHNIQUES FOR SECURED CLOUD DATA SERVICES

Given under the seal of the University



Control 80805
India
December 2018

Controller of Examinations

Registrar

Vice-Chancellor

Anna University



Reg.No. TT006229(B)

The Syndicate of the Anna University hereby make known that **SELVI K** 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 **2013**.

Title of the Thesis:

AN ENHANCED GRIDWAY METASCHEDULER FOR HETEROGENEOUS GRID USING TRUST AND REPUTATION

Given under the Seal of the University



Chennai 600 025
India
November 2013

[Signature]
Controller of Examinations

[Signature]

[Signature]



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்
Manonmaniam Sundaranar University



பொறியியற் புலம்
Faculty of Engineering



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு
மடசாமி ராஜா க

கவனி அறிவிப்பு மற்றும் பொறியியல் பாடப்பிரிவில்

அறிஞர் பட்டம் பெறுவதற்குத் தேர்தீயுட்பயன் என முறையாக அமைக்கப்பெற்ற
தேர்வினை சான்றிதழ்வாய் ஜூன் 2017 ஆம்
ஆண்டில் இப் பட்டப்பேற்றத்து உட்பயன் ஆய்வின்றி என இதுவழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரைமடள் இது வழங்கப்படுகின்றது.

The Syndicate of the **MANONMANIAM SUNDARANAR UNIVERSITY**
hereby makes known that **MADASAMY RAJA G**
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 to receive the same in the year **JUNE 2017**

Given under the seal of the University.



திருவள்ளூர், தமிழ்நாடு
Tiruvallur, India
முதல் / Dated : 06.12.2017

Shikhar
(Dr.S.Prebnar)
குழுவளையாளர்
Cordinator of Examinations

P. Govindaraju
(Dr.P.Govindaraju)
பதிவுரை
Registrar

Jee.
(Dr.K.Sashari)
உதவி இயக்குநர்
Vice-Chancellor



Reg.No. 1714459/211/RG



The Syndicate of the Anna University hereby makes known that **THIYAGARAJAN 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 **2020**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".

Title of the Thesis:

A FRAMEWORK OF OPTIMIZED ENERGY CONSUMPTION TECHNIQUES FOR EFFICIENT DATA COMMUNICATIONS IN MOBILE AD HOC NETWORKS



Given under the Seal of the University

Chennai 600 025
India
March 2021

Controller of Examinations

Registrar

Vice-Chancellor

Anna University



Reg.No.11260331073/RG

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


Title of the Thesis:

STUDIES ON THE VARIOUS DESIGN AND MANUFACTURING PARAMETERS OF ROLLER SHAFTS FOR SUGARCANE MILLS

Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor



Reg.No.20102012001/RG



The Syndicate of the Anna University hereby makes known that **AJAYKARTHIK R T** 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:

EXPERIMENTAL INVESTIGATIONS ON NYLON BASED COMPOSITE GEAR MATERIALS

Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg. No: D114269244/RG



The Syndicate of the Anna University hereby makes known that **SIVASUBRAMANIAM A 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 **2021**. The degree has been awarded in compliance with the 'University Grants Commission, Regulations 2009'.

Title of the Thesis:

HEAT TRANSFER ENHANCEMENT STUDIES IN DOUBLE PIPE HEAT EXCHANGER USING VARIANT PLAIN TAPE INSERTS

Given under the Seal of the University



Chennai 600 025
India
July 2022

P. Sathishan
Controller of Examinations

T.R.A.
Registrar

R.V. Vijay
Vice-Chancellor

Sl.No. 14/ 100407

Reg.No. 2008794101

SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

(A CHRISTIAN MINORITY INSTITUTION)

சத்யபாமா பல்கலைக்கழகம்

(Established under section 3 of UGC Act, 1956)

(சிறுத்தொரு சிறுபான்மையினர் கல்வி திருவணம்)

FACULTY OF MECHANICAL ENGINEERING



The Board of Management of Sathyabama University, hereby makes known that

PREMKUMAR. M

has been conferred

the **DEGREE OF DOCTOR OF PHILOSOPHY**, having been certified by duly appointed

examiners to be qualified to receive the same on **JULY 15, 2013** for the thesis entitled

HEAT TRANSFER STUDIES ON SOLAR THERMAL STORAGE SYSTEM

Given under the seal of the university, at Chennai this **TWENTY SIXTH** day of **April 2014**

Given under the seal of the University



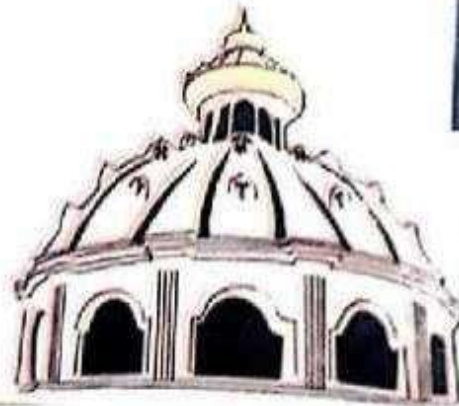

Registrar


Director

 
Director Vice-Chancellor



Date: April 26, 2014



Jeppiaar Nagar, Chennai - 600119,
Tamil Nadu, INDIA.

Anna University



Reg.No. 2006269720/RG

The Syndicate of the Anna University hereby makes known that
SUNDARA MURTHY 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 2013.

Title of the Thesis:

STUDIES ON INFLUENCE OF CUTTING PARAMETERS IN MACHINING OF 6063 ALUMINUM UNDER MINIMUM QUANTITY LUBRICATION CONDITION

Given under the Seal of the University



Chennai 600 025
India
March 2013

[Signature]
Controller of Examinations

[Signature]
Registrar

[Signature]
Vice-Chancellor

Anna University



Reg. No. 18060321082 /EG



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


Title of the Thesis:

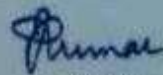
SOME STUDIES ON ELECTROCHEMICAL MICROMACHINING OF ALLOYS AND COMPOSITES

Given under the seal of the University



Chennai 600070
India
December 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No.10002231014/UG



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

INVESTIGATION ON HIGH TEMPERATURE OXIDATION AND HOT CORROSION BEHAVIOR OF SA213 T92 STEEL WELDMENT

Given under the seal of the University



Chennai 600025
 India
 December 2019

H. [Signature]
Controller of Examinations

[Signature]
Registrar

M.K. [Signature]
Vice-Chancellor

Anna University



Reg.No. 1313269151/RG1

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

Title of the Thesis:

PERFORMANCE ANALYSIS AND PARAMETRIC OPTIMIZATION OF MICRO EDM OF MONEL ALLOY



Given under the Seal of the University

Chennai 600 025
India
March 2021
2021/03


Controller of Examinations


Registrar


Vice-Chancellor

Anna University

www.annauniv.edu

Reg. No.11260311071/REG



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

Title of the Thesis:

STUDY OF MECHANICAL PROPERTIES AND METALLURGICAL CHARACTERISTICS OF Al7075/SiC/Al₂O₃ HYBRID METAL MATRIX COMPOSITES

Given under the seal of the University



Chennai 600025
India
March 2021

Controller of Examinations

Registrar

Vice-Chancellor

Anna University



Reg.No. 17132697202/RG

The Syndicate of the Anna University hereby makes known that **MANIRAJ 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 **2021**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".

Title of the Thesis:

MACHINABILITY STUDY OF METAL MATRIX COMPOSITES THROUGH ELECTROCHEMICAL MICROMACHINING (ECMM)



Given under the Seal of the University

Chennai 600 025
India
March 2021

Controller of Examinations

Registrar

Vice-Chancellor

Anna University



Reg. No.1414269184/RG



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

Title of the Thesis:

INVESTIGATION ON TYRE OIL, DIESEL BLENDS DOPED WITH CERIUM OXIDE NANO PARTICLES IN A DIRECT INJECTION COMPRESSION IGNITION ENGINE

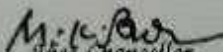
Given under the seal of the University



Chennai 600025
India
March 2021


Controller of Examinations


Registrar


Vice-Chancellor

Reg No : 09/HP0639 ✓
College Code: 501 ✓

No.2KM 00157 ✓



பெரியார் பல்கலைக்கழகம்
PERIYAR UNIVERSITY



FACULTY OF SCIENCE



The Syndicate of the **PERIYAR UNIVERSITY** hereby makes known that
CHITRA P ✓ has been admitted to the
Degree of **DOCTOR OF PHILOSOPHY** in **BIOCHEMISTRY** ✓
having been certified by duly appointed Examiners to be qualified to receive the
same on **September 11, 2014** ✓ for the thesis entitled,

**A STUDY OF MARKERS IN THE PROGRESSION OF HIV PATIENTS UNDERGOING
HIGHLY ACTIVE ANTIRETROVIRAL THERAPY.** ✓

This degree is awarded in accordance with the UGC Regulations on Minimum
Standards and Procedure 2009.



VERIFIED & FOUND CORRECT

[Signature]

Given under the seal of the University



Dated : 16-09-2015
Place : Salem - 636011
Tamil Nadu, India.

[Signature] Controller of Examinations
[Signature] Registrar
[Signature] Vice-Chancellor

Sl.No. D 102

Reg. No. 1BT07D010



HUMANITIES AND SCIENCES

The Board of Management and the Academic Council of

this University hereby make known that

PRAVEENCUMAR R.

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

IN

BIOTECHNOLOGY

(INTERDISCIPLINARY OF PHARMACEUTICAL BIOTECHNOLOGY (BIOTECHNOLOGY))

having completed all the Academic requirements and having been

certified by duly appointed Examiners to be qualified to receive the

same in **SEPTEMBER 2018**

Title of the thesis :

A BIOANALYTICAL METHOD DEVELOPMENT FOR DRUGS IN BIOSAMPLES



Given under the seal of the University



Scanned with OKEN Scanner



Madurai
Chennai 600 095
Date : 20-Oct-2019

C. S. Sankaranarayanan
Registrar

M. Sankaranarayanan
Vice-Chancellor

S. Sankaranarayanan
President

Anna University



Reg.No.11110331057/REG



The Syndicate of the Anna University hereby makes known that **SARAVANAN D** 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 MECHANICAL AND TRIBOLOGICAL CHARACTERISTICS OF HYBRID CARBON NANOTUBE-ALUMINA FILLED EPOXY NANOCOMPOSITES

Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor



Reg.No.2010S2012011/RG

The Syndicate of the Anna University hereby makes known that PANDIARAJ 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:


DESIGN AND DEVELOPMENT OF FLAT PLATE HEAT PIPE FOR ELECTRONIC COOLING USING NANOFUIDS


Given under the seal of the University



Chemical 600025
India

June 2018


Controller of Examinations


Registrar


Vice-Chancellor

BIOTECH 17.091

Reg. No.:

Vinayaka Mission's Research Foundation
 (Deemed To Be University)
 Formerly Vinayaka Missions University
 (Declared under section 3 of the UGC Act, 1956)



FACULTY OF ENGINEERING AND TECHNOLOGY

The Board of Management of the

Vinayaka Mission's Research Foundation

hereby makes known that

NIRMAALA C

has been admitted to the Degree of

Doctor of Philosophy in Biotechnology - Part Time

having been certified by duly appointed Examiners

to have qualified to receive the same in the year 2022 the thesis entitled

Biosynthesis & Characterization of Silver Nanoparticles by Endophytic Microorganism Isolated from Medicinal Plants and its Anticancer Activity

Viva-Voce Examination held on 24.06.2022

Given under the seal of the University



Salem, 07-07-2022

C. Prabhavathi
 Controller of Examinations

B. Jayaram
 Registrar

[Signature]
 Vice-Chancellor



H 033624



Code No. 09799B S.No. 663255

பாரதிதாசன் பல்கலைக்கழகம்
BHARATHIDASAN UNIVERSITY

(Established by the Government of Tamil Nadu in 1961; 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 ஆட்சிக்குழு ஜூன் 2012

ஆம் ஆண்டு **ச. பார்த்தசாரதி** என்பவர்
உயிர்துட்பவியல் பிரிவில் முனைவர் என்னும்
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வுாளர்கள் சான்றளித்தது.
முனைவர் என்னும் பட்ட தராத அமைச்சுப் பல்கலைக்கழக
இலச்சினைமுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes known that **S. PARTHASARATHI** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in the subject **BIOTECHNOLOGY**, having been certified by duly appointed Examiners to be qualified to receive the same in **JUNE 2012**.


Thesis Title

'ISOLATION, CHARACTERIZATION AND BIOPROSPECTING OF A SELECTED MARINE ACTINOMYCETE'



சுப்புலட்சுமி
Trichirappalli
Date: 06th March 2013

Given under the seal of the University.


Registrar


Vice-Chancellor



ISSUED ON 6 MAR 2013

Anna University



Reg. No: 1156011204730G

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

Title of the thesis:

NANO TITANIA AND ITS NANOCOMPOSITES WITH *In vitro* AND *In vivo* TOXICITY ANALYSIS FOR BIOMEDICAL APPLICATIONS


Given under the Seal of the University



Chennai 600 025
India
November 2014


Controller of Examinations


Registrar


Vice-Chancellor



புலி

மேலாதிமையகம்

FACULTY OF
Management Studies

அன்னை தெரேசா மகளிர் பல்கலைக்கழக ஆட்சியகம்,
சென். மணி

முன்னாள் (பி.பி.டி)

மேலாதிமையகம் வர சம்பந்தம் இல்லாதவர்களுக்கு தேர்ச்சி
ஆகஸ்ட் 2010

பெயர்: சுமதி சென். மணி
பித்தர்: மேலாதிமையகம் ஆட்சியகம் சென். மணி
மேலாதிமையகம் ஆட்சியகம் சென். மணி

The Executive Council of the MOTHER TERESA WOMEN'S
UNIVERSITY hereby makes known that S. Sumathi
has been admitted to the Degree of Doctor of Philosophy
she having been certified by duly appointed Examiners to be qualified to receive the same
at the Examination held in August 2010 in the
XXXX class.



Given under the seal of the University

சென். மணி
காங்கிரஸ்
Date: 13.10.2010

சென். மணி
Controller of Examinations

சென். மணி
Registrar

சென். மணி
Vice-Chancellor



PHDMS06P214



மூலம்

மேலாண்மையியல்

FACULTY OF
MANAGEMENT STUDIES



அன்னை தெரசா மகளிர் பல்கலைக்கழக ஆட்சிக்குழு
பத்மா. ர.ந

முனைவர் பட்டம்

எழுந்தந்த நகுதியுள்ள அன்னை தெரசா மகளிர் பல்கலைக்கழக அமைச்சரவரின் தலைமையில்
செப்டம்பர் 2013

இவ் நகுதியில் சான்றிதழை அன்னை தெரசா மகளிர் பல்கலைக்கழகம் வழங்கியுள்ளதால்
இந்த மட்டப்பெற்றதற்கு சிபார்சு அளிப்பது என்று தகுதியான அறிவித்துக்கொள்ளப்படுகிறது.
மேலாண்மைக்குழு முத்திரைமூலம் கீழ்க்கண்டது

The Executive Council of the **MOTHER TERESA WOMEN'S UNIVERSITY**
PADMA. R.N

hereby makes known that

has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY**, she having been
certified by duly appointed Examiners to be qualified to receive the same at the Examination held in
SEPTEMBER 2013

Given under the seal of the University



வகை - கட்டுரை
Kodakkal
திகதி Dated 28.01.2014

E. Silda Devi
REGISTRAR
Controller of Examinations

M. Kale
REGISTRAR
Registrar

K. M. M.
Vice-Chancellor

Anna University



Reg.No. 7076012133/RG

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

Title of the Thesis:

DEVELOPMENT AND VALIDATION OF A INSTRUCTIONAL DESIGN MODEL FOR WEB BASED LEARNING ENVIRONMENT



Given under the Seal of the University

Chennai 600 025
India
November 2014
6/10/2014


Controller of Examinations


Registrar


Vice-Chancellor

Reg. No. 11710190
College Code: 37

No.2KP 015540



பெரியார் பல்கலைக்கழகம்
PERIYAR UNIVERSITY

Established by the Government of Tamil Nadu in 1963 (Reorganized as UGC under 22 and 1956 of 1956 Act, Madras, Amendment of Indian Constitution and Amendment of 1 Amendment 1979)

FACULTY OF SCIENCE



The Syndicate of the **PERIYAR UNIVERSITY** hereby makes known that
ANNAPOORANI V has been admitted to the
Degree of **DOCTOR OF PHILOSOPHY** in **COMPUTER SCIENCE**
having been certified by the duly appointed Examiners to be qualified to receive the
same on **September 30, 2020** for the thesis entitled,

**AN IDIOSYNCRATIC SYSTEM FOR RETRIEVING LEGAL DOCUMENTS USING
TEXT VISUALIZATION**


This degree is awarded in accordance with the UGC Regulations on Minimum
Standards and Procedure 2009.



Given under the seal of the University

Date: 06-12-2020
Name: Anna
Place: Coimbatore


Controller of Examinations
(SAC)


Registrar
(SAC)


Vice-Chancellor

Anna University



Reg.No.71160632037/RG



The Syndicate of the Anna University hereby makes known that PRIYA 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 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis

LOAD BALANCING AND VIRTUALIZED DISTRIBUTED DATA MINING TECHNIQUES FOR EFFICIENT FILE SHARING IN MULTIPLE CLOUD SERVERS

Given under the seal of the University



Chennai 600025
 India
 June 2018


 Controller of Examinations


 Registrar


 Vice-Chancellor



Bharath

Folio No. : D 14081

Institute of Higher Education and Research
(Declared under section 3 of the UGC Act 1956)
173, AGHARAM ROAD, CHENNAI-600 073, TAMIL NADU, INDIA



PROVISIONAL CERTIFICATE

for the degree of

DOCTOR OF PHILOSOPHY (Ph.D.)
FACULTY OF ENGINEERING

Certified that
PRAKASH ARUL JOSE J (D13CE001)

has successfully completed all prescribed requirements for the Degree of

*Doctor of Philosophy (Ph.D.) of the University.**

Branch : Civil Engineering

Part Time

The Date of Viva-Voce Examination : 19-Jul-2019

Title of the Thesis

*Technical feasibility study of fibre reinforced
polymers confined reinforced concrete driven
piles subjected to vertical loads*

M.A. Kumar

**The Degree has been awarded in accordance with the provision of UGC regulation on
M.Phil / Ph.D -2009*

Date : **13 AUG 2019** Registrar



M.A. Kumar
Controller of Examinations



Reg.No. 2003269711/REG

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

Title of the Thesis:

STUDIES ON THE PERFORMANCE OF NATURAL CIRCULATION, FORCED CIRCULATION AND WIND ASSISTED DOMESTIC SOLAR HOT WATER SYSTEMS

Given under the Seal of the University



Chennai 600 025
India
March 2012
Controller of Examinations
Registrar
Vice-Chancellor

பெரியார்
மணியம்மை
பல்கலைக்கழகம்

Periyar Maniammai
University
of Arts and Sciences

Periyar Maniammai University



PERIYAR
MANIAMMAI
UNIVERSITY

UNIVERSITY OF ARTS AND SCIENCES
think • innovate • transform



பெரியார் மணியம்மை பல்கலைக்கழக ஆளுகைக்கழி, அங்கயற்கண்ணி ந. என்பவர், டிசம்பர் 2016-ஆம் ஆண்டு மின்னணுவியல் மற்றும் தொடர்பியல் பொறியியல் துறையில் முனைவர் பட்டத்திற்கு தகுதி பெற்றவர் என்று முறையாக அமைக்கப்பெற்ற தேர்வாளர்கள் சான்றளித்தபடி, முனைவர் பட்டத்தை பல்கலைக்கழக இலாச்சினையுடன் வழங்குகிறது.

The Board of Management of Periyar Maniammai University hereby makes known that **Angayarkanni N.** has been conferred with the degree of **DOCTOR OF PHILOSOPHY in Electronics and Communication Engineering** after having been certified by duly appointed examiners to be qualified to receive the same in **December 2016** for the thesis entitled:

Analysis and Detection of Breast Cancer in Mammogram by Image Processing Techniques

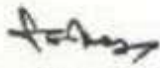
SUBJECT : ELECTRONICS AND COMMUNICATION ENGINEERING



Given under the seal of the University

Date : 28-08-2017

சென்னை, தமிழ்நாடு
தெலி-043 425, திண்டிவனம்
Tamil Nadu, India
www.pmu.ac.in


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 20104022012/RG

The Syndicate of the Anna University hereby makes known that
NIRANJIL KUMAR 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 2015. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009"*


Title of the Thesis:

ROBUST MOVING PEOPLE DETECTION AND TRACKING IN COMPLEX SURVEILLANCE VIDEO SEQUENCES

Given under the Seal of the University



Chennai 600 025
India
January 2016


Controller of Examinations


Registrar


Vice-Chancellor

No.131131



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY

கலைவியற்புலம்
FACULTY OF ARTS



ஏப்ரல், 2014 இல்

ஆய்வினம்

பெயர்: நடத்திய தேர்வுகளில்

சாந்தி ரா

தேர்ச்சியடைந்து ஆர்.பி.எ.எ. பதி.பி.டி. முறையில் அமைக்கப்பெற்ற தேர்வுக்குழுவின் சான்றிதழை

ஆய்வினம் அறிஞர்

பட்டம் பெறுவதற்கு தயார் ஆகின்றார்

என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இந்நவம்பர் அறிவிக்கின்றது.

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known that SHANTHI R has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ENGLISH,

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

TITLE OF THE THESIS

COMMITMENT TO THE BLACK CAUSE: A STUDY OF THE SELECT PLAYS OF AMIRI BARAKA

பரிசுவர்த்தியாக முத்திரை பெறுகின்றது
Given under the seal of the University



அண்ணாமலைப்பல்கலைக்கழகம்
Annamalai University

தலைவர்:

Dr. S. Manickavasagam

புதிமணம் (பொதுப்பதிவு)
Registrar (Genl)

Dr. S. Manickavasagam

தலைவர் (கல்வி)
Vice-Chancellor

Reg. No : 14711/2009
College Code: 115

No.2KN 048437



பெரியார் பல்கலைக்கழகம்
PERIYAR UNIVERSITY



(Established by the Government of Tamil Nadu in 1997, Recognized by UGC under 20 and 10(a) of DDO Act, Member, Association of Tamil Universities and Association of Commonwealth Universities)



FACULTY OF ARTS

The Syndicate of the **PERIYAR UNIVERSITY** hereby makes known that
MURSITHA BANU J has been admitted to the

Degree of **DOCTOR OF PHILOSOPHY** in **ENGLISH**
having been certified by the duly appointed Examiners to be qualified to receive the
same on **March 14, 2018** for the thesis entitled,

**COALESCENCE VIA CONNECTIONS IN THE SELECT NOVELS OF BARBARA
KINGSOLVER**

This degree is awarded in accordance with the UGC Regulations on Minimum
Standards and Procedure 2009.



Given under the seal of the University

Dated : 27-11-2018
Salem - 636011
Tamil Nadu, India.


Controller of Examinations


Registrar


Vice-Chancellor



பெரியார் பல்கலைக்கழகம்
PERIYAR UNIVERSITY



FACULTY OF ARTS

The Syndicate of the **PERIYAR UNIVERSITY** hereby makes known that
SHALINI K has been admitted to the
Degree of **DOCTOR OF PHILOSOPHY** in **ENGLISH**
having been certified by the duly appointed Examiners to be qualified to receive the
same on **November 23, 2020** for the thesis entitled:

THORNS IN THE FLESH: A STUDY OF THE SELECT PLAYS OF MAHESH DATTANI

This degree is awarded in accordance with the UGC Regulations on Minimum
Standards and Procedure 2009.



Given under the seal of the University

Dated: 04-12-2020
Salem: 590012
Tamil Nadu: India


Controller of Examinations
2020


Registrar
2020


Vice-Chancellor
2020

Folio :D 09465



BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

Ph.D. PROVISIONAL CERTIFICATE

This is to certify that **TRESA P T** has qualified for
the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in
ENGLISH on **12/01/2023** after having
completed the requirements prescribed for the award of the Degree.



Controller of Examinations **l/o**

Coimbatore 641 046

Date : **08 MAR 2023**



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புவம்
FACULTY OF SCIENCE



பாரதியார் பல்கலைக் கழகத்தில் பட்டப்படிப்பு அளவிற்கான பரீட்சைகள் நடத்தப்படுகின்றன. இவ்வாறு நடத்தப்படும் பரீட்சைகளில் தேர்ச்சி பெற்றவர்களுக்கு பட்டப்படிப்பை வழங்குவதற்கான உத்தரவுகளை பின்வருமாறு விவரம் காட்டி அறிவிக்கப்படுகிறது.

The Graduate of the Bharathiar University hereby signs from the RAJA G for her doctoral in the Degree of DOCTOR OF PHILOSOPHY in CHEMISTRY. Having been certified by duly appointed Examiners to be qualified to receive the same on 05th MAY 2015.



Given under the Seal of the University



சென்னை
கல்வி
புவம்

சென்னை

K. G. Senthil Kumar
புவம்

சென்னை

Dated: 15th September 2015. Controller of Examinations W

Hegdekar

Vice-Chancellor

B011176

No. 100249



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY

அறிவியற்புலம்
FACULTY OF SCIENCE

பிப்ரவரி, 2015 இல்

வேதியியல்

பிரிவில் நடத்திய தேர்வுகளில்

ராஜமணிக்கம் து

தேர்ச்சியை ந்து ஆய்விட்டார். எதிர்ப்பிட முறையான அணுகல்பெற்ற தேர்வுக்குழுவின் எண்ணித்தட்டை

ஆய்வியல் அறிஞர்

பட்டம் பெறுவதற்கு உரியவர் ஆய்விட்டார்

என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இவ்வழி அறிவிக்கின்றது.

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

TITLE OF THE THESIS

DEGRADATION OF AZO DYES BY ADVANCED OXIDATION PROCESSES USING MODIFIED TiO₂ CATALYSTS

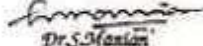
பல்கலைக்கழக முத்திரை பெறுகின்றது
Given under the seal of the University



அண்ணாமலைப்பேரரசர்
Annamalaiunagar

திகதி:
Date: 26/02/2016


Dr. K. Arumugam
பதிவாளர் (பொதுப்படி)
Registrar (Ac)


Dr. S. Manian
துணை கேள்நர்
Vice-Chancellor

Anna University

Reg.No. 1116013202490



The Syndicate of the Anna University hereby makes known that **GEETHA N** 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 **2017**. The degree has been awarded in compliance with the University Grants Commission, Regulations 2009.

Title of the Thesis:

OXIDATIVE KINETICS OF SUBSTITUTED CHALCONES, BENZALDEHYDES AND MICROBIOLOGICAL ACTIVITY OF QUINOXALINIUM DICHROMATE

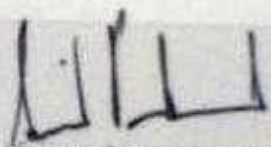
Given under the Seal of the University



Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor

UNIVERSITY OF DELHI



DOCTOR OF PHILOSOPHY (Ph.D.)

This is to certify that on approval of the thesis titled: "Synthesis Reactivity Studies and Structural Aspects of N,N'-Tetraylguanidines and their Palladium(II) Complexes" in February 2011, Sh. Gopi qualified for the degree of Doctor of Philosophy (Ph.D.) of this University which was conferred upon him/her at the Convocation held in 2011.



Raj
Registrar,
University of Delhi

Dated the 26th February, 2011

D.S.A.
Vice-Chancellor,
University of Delhi



Pr
PRINCIPAL
PRAVAI ENGINEERING COLLEGE
NH-7, PACHAL, Post, NARAYANPUR, Dist.



ANNA UNIVERSITY
CENTRE FOR RESEARCH
Sardar Patel Road, Chennai - 600 025, India



Dr. C. UMARANI, M.E., Ph.D., PDF(NZ)
Director

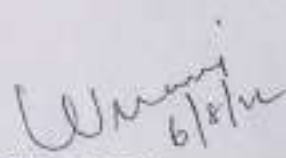
Ref : No. 17247697158/Ph.D./ARB

Date : 06.08.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms.R.Gayathri**, has registered for Ph.D. Programme in **Applied Chemistry** during July-2017. The scholar has submitted the thesis entitled, "**DESIGN AND FABRICATION OF METAL OXIDES/GRAPHENE HYBRID FRAMEWORK FOR DSSC APPLICATIONS**" and has successfully completed the oral examination held on 27.07.2022 for the award of Ph.D. Degree under the Faculty of **Science and Humanities**.

The Ph.D. Degree awarded by this University is in compliance of UGC Regulations 2016.


6/8/22
DIRECTOR (RESEARCH) 4/2


PRINCIPAL
PAVAI ENGINEERING COLLEGE
447, PACHAI PILLAI, NAMAKKAL Dist.

6/8/2022

Full Time

REG. NO. RA1733003011012



SRM
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DECLARED TO BE UNIVERSITY UNDER SECTION 3 OF THE UGC ACT, 1956)

Faculty of Science and Humanities

The Board of Management of the SRM Institute of

Science and Technology hereby makes known that

MARIMUTHU M

TRUE COPY ATTESTED

B. Srinivas

Controller of Examinations
SRM Institute of Science & Technology
Kattamballathur - 603 203
Chengalpattu Dist, Tamilnadu, India.

has been admitted to the Degree of Doctor of Philosophy

having been certified by duly appointed examiners to be

qualified to receive the same in APRIL - 2022

Title of the Thesis: DESIGN OF HIGHLY EFFICIENT ELECTRODE MATERIALS FOR SUPERCAPACITOR AND AS EMBEDDING WITH SELF-ENERGY GENERATOR (CHEMISTRY).



Given under the seal of the University



14/10/22

DATE: 10 NOV 2022

SRM NELLORE, KATTAMBALLATHUR - 603 203
KANCHI REGION (Dist.) TAMILNADU, INDIA.

[Signature]
REGISTRAR

[Signature]
VICE-CHANCELLOR

Centre Code : 12 Reg.No. 17155-26-D-CHE



Code no. FU2023F08 : S.No.



பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

(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 குழு மார்ச் 2022
ஆம் ஆண்டு சர்மிளா ரா என்பவர்
வேதியியல் பாடத்தில் முனைவர்
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள்
சான்றளித்தபடி முனைவர் பட்டத்தை அவருக்குப்
பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes
known that **SHARMILA R** 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 **MARCH 2022**.

Mode of Study: FULL TIME

Place of Study: A.A. GOVERNMENT ARTS COLLEGE MUSIRI.

"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

"STUDIES ON THE REMOVAL OF CANGO RED, METHYL RED AND CRYSTAL
VIOLET DYES FROM AQUEOUS SOLUTION BY USING CICCA ACIDA L. STEM
AND VIGNA RADIATA L. PERICARP ACTIVATED CARBONS"

Given under the seal of the University.



திருச்சிராப்பள்ளி
Tiruchirappalli


பதிவாளர் Registrar


கூணைவேந்தர் Vice - Chancellor

Q 081420

தாள்: 02nd January 2024
Date :
ISSUED ON : 02-01-2024



R No 004292

PT



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ సైన్స్
Faculty of Science

పిచ్చేరి రోశయ్య

మునుస్వామి గారి కుమారుడు కు

ఈ విశ్వవిద్యాలయం నుండి క్రింద సూచించిన విధంగా అతను పట్టాకు

వర్తకించిన పరీక్షలో ఉత్తీర్ణుల వొందినందుకు

డాక్టర్ ఆఫ్ ఫిలాసఫి

పట్టా ప్రధానానికి అర్హత వొందినట్లు దృవీకరించడమైంది.

This is to certify that

Pitcheri Rosaiah

Son of Munuswamy

has been admitted to the Degree of

Doctor of Philosophy

*having been certified by duly appointed Examiners
to be qualified to receive the same at the Examinations
prescribed therefor as hereunder:*

DEPARTMENT OF STUDY : PHYSICS

SUBJECT OF THE THESIS :

"Investigations on LiFeO_2 and LiFePO_4 Bulk and Thin Film
Cathodes for Micropower Generation"

YEAR : 2014

విశ్వవిద్యాలయం అధికార ముద్రలో గారే చేయడమైంది.

Given under the Seal of the University

తిరుపతి / Tirupati

తేదీ / Date : 28 JUN 2014



ఉపకులపతి
Vice - Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
பிடுகுண்டமுயர் த. 2009ஆம் ஆண்டு, டிசம்பர் 30ஆம் தாள் இயற்பியல் என்றும் பி.பி.யில்
ஆய்வியல் அறிஞர் என்றும் பட்டம் பெறத் தகுதியடைந்திருப்பதாக சான்றிதழை
எம். அவநாத் அந்தப் பட்டத்தைப் பல்கலைக் கழக இயக்குநரகம்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்கியிருந்தது.

The Syndicate of the Bharathiar University hereby makes known that KRISHNAKUMAR T
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 30th DECEMBER 2009.



கொழும்புத்தூர்
Coimbatore
கா.பி.
கா.பி.

Dated: 15th July 2010

Given under the Seal of the University.



K. G. Senthil Kumar
கொழும்புத்தூர்

Controller of Examinations

பதிவுகாரர்

Registrar

துணைவேந்தர்

Vice-Chancellor

C No: 246264

RIG. No.: 7721010003



Faculty of Science and Humanities

The Board of Management of the SRM University

hereby makes known that

PRAKASH T

has been admitted to the degree of **Doctor of Philosophy**,

having been certified by duly appointed examiners to be

qualified to receive the same in JULY 2016

Title of the Thesis: **AMINES PASSIVATED TiO₂ NANOSTRUCTURES AND THEIR APPLICATIONS IN DYE-SENSITIZED SOLAR CELLS (PHYSICS).**

Given under the seal of the University



DATED: **15 OCT 2016**

SRM NAGAR, EATYANKULATUR - 625 021
KARAIKUPPAM DISTRICT, TAMILNADU, INDIA.

R. Suresh
REGISTRAR

Prabhu Kumar My
VICE-CHANCELLOR

13PHD1052

Sl No 103472



*The Board of Management of the
Vellore Institute of Technology (VIT)
hereby confers on*



HARI PRAKASH N

the degree of

DOCTOR OF PHILOSOPHY

in recognition of the research work entitled

SURFACE MODIFICATION OF NATURAL FIBRES USING DC AND RF PLASMA SOURCES

for having fulfilled the prescribed requirements.

*The degree has been awarded in compliance with the
"University Grants Commission, Regulation 2009"*



given this day the 11 March 2020



Given under the seal of this university


Vice - Chancellor


Chancellor

Dated: 10-Sep-2020

Vellore - 632 014, Tamil Nadu, India



होमी भाभा राष्ट्रीय संस्थान
Homi Bhabha National Institute



होमी भाभा राष्ट्रीय संस्थान
एतद्वारा
डॉक्टर ऑफ फिलोसॉफी
की उपाधि

कमल कन्नन आर.

(इन्दिरा गांधी परमाणु अनुसंधान केन्द्र)

को

भौतिक शास्त्र

में विधिवत् रूप से इसके योग्य पाने पर प्रदान करता है।
यह उपाधि उनके शोध-कार्य, जो निम्न शोध-प्रबंध
में परिणित हुआ, को मान्य पाने हेतु है।

Homi Bhabha National Institute
hereby confers the degree of

Doctor of Philosophy

on

Kamala Kannan R.

(Indira Gandhi Centre for Atomic Research)

in

Physics

he having been found duly qualified for the
same. This is in recognition of his research
work leading to following thesis.

*Thesis title : Synthesis and Characterization of Few Walled Carbon Nanotubes and
Studies for Gas Sensor Applications*

प्रबंधन परिषद् की बैठक दिनांक Date of meeting of Council of Management: February 15, 2013

RRP

अध्यक्ष, विद्या परिषद् Chairman, Academic Council

TODA

अध्यक्ष, प्रबंधन परिषद् Chairman, Council of Management

Enrolment No. PHYS02200704002

HBNi is a University established under Section 7 of the UOC Act, 1956 vide Notification No. E9-5/2004-113, dated 1st June, 2005 of Government of India
Regd. Office: Training School Complex, Atrium Building, Mumbai-400 094

Result Notified in: December, 2012

Centre Code : 40 Reg.No. 47347A-Ph.D-PHY



Code no. 5BBE7 : S.No.



பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

(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 குழு ஆகஸ்ட் 2021
ஆம் ஆண்டு சரவணன் ச என்பவர்
இயற்பியல் பாடத்தில் முனைவர்
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள்
சான்றளித்தபடி முனைவர் பட்டத்தை அவருக்குப்
பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes
known that **SARAVANAN C** has been admitted
to the Degree of **DOCTOR OF PHILOSOPHY,** in the subject
PHYSICS, having been certified
by duly appointed Examiners to be qualified to receive
the same in **AUGUST 2021.**

Place of Study : BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI.

"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

"INVESTIGATION OF MAGNETO- AND BARO- CALORIC EFFECTS ON RE- AND
Mn- SITE DOPED PEROVSKITE MANGANITES UNDER EXTREME CONDITIONS
OF HIGH PRESSURE, LOW TEMPERATURE AND HIGH MAGNETIC FIELD"

Given under the seal of the University.



திருச்சிராப்பள்ளி
Tiruchirappalli

நாள் : 9th December 2021
Date : 9th December 2021

ISSUED ON : 09-12-2021


பதிவாளர் Registrar


துணைவேந்தர் Vice - Chancellor

P 005160



Centre Code : 32

Reg.No. 47606-96-D-977Y



Code no. 43F50 : S.No.



பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

(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 குழு செப்டம்பர் 2019
ஆம் ஆண்டு லட்சுமி பா என்பவர்
இயற்பியல் பிரிவில் முனைவர்
என்னும் பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள்
சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை அவருக்குப்
பல்கலைக்கழக இலச்சிணையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes
known that **LAKSHMI B** has been admitted
to the Degree of **DOCTOR OF PHILOSOPHY,** in the subject
PHYSICS, having been certified
by duly appointed Examiners to be qualified to receive
the same in **SEPTEMBER 2019.**

Place of Study: ST. JOSEPH'S COLLEGE(Autonomous), TIRUCHIRAPPALLI.

Title of the Thesis

"LATTICE DYNAMICAL INVESTIGATION ON HYDROGEN DIFFUSION IN NANO
MATERIALS"



Given under the seal of the University.



திருச்சிராப்பள்ளி
Tiruchirappalli

திகதி :
Date : 1st October 2019

ISSUED ON : 01-10-2019

P. Manisankar
பதிவாளர் Registrar

P. Manisankar
துணைவேந்தர் Vice - Chancellor

O 000341



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No. 169809



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY



அறிவியற்புலம்
FACULTY OF SCIENCE

பிப்ரவரி, 2016 இல்

இயற்பியல்

பிரிவில் நடத்திய தேர்வுகளில்

பூங்குழலி இரா

தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி,

ஆய்வியல் அறிஞர்

பட்டம் பெறவதற்கு உரியவர் ஆகின்றார்

என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இதன்வழி அறிவிக்கின்றது.

The Syndicate of the **ANNAMALAI UNIVERSITY** hereby makes known that **POONGUZHALI R** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY in PHYSICS,**

he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in **FEBRUARY, 2016.**

TITLE OF THE THESIS

SYNTHESIS AND CHARACTERIZATION OF TRANSITION METAL IONS DOPED MnO₂ ELECTRODES FOR ELECTROCHEMICAL CAPACITOR APPLICATIONS.

பல்கலைக்கழக முத்திரை பெறுகின்றது
Given under the seal of the University



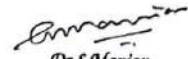
அண்ணாமலைநகர்
Annamalainagar

நாள்:

Dated: 31/10/2016


Dr. K. Anumugam

பதிவாளர் (பொறுப்பு)
Registrar (i/c)


Dr. S. Manian

துணை வேந்தர்
Vice-Chancellor

Reg. No : 16PHP2346
College Code: 124

No.2KP 016243



பெரியார் பல்கலைக்கழகம்
PERIYAR UNIVERSITY

(Established by the Government of Tamil Nadu in 1997; Recognized by UGC under 2(f) and 12(b) of UGC Act;
Member, Association of Indian Universities and Association of Commonwealth Universities)



FACULTY OF SCIENCE

The Syndicate of the **PERIYAR UNIVERSITY** hereby makes known that

MEHALA K has been admitted to the

Degree of **DOCTOR OF PHILOSOPHY** in **PHYSICS**

having been certified by the duly appointed Examiners to be qualified to receive the
same on **October 26, 2021** for the thesis entitled,

**HIGH EFFICIENT PHOTOCATALYTIC DYE DEGRADATION OF DOPED AND
CODOPED TITANIUM DIOXIDE NANOPARTICLES**

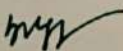
This degree is awarded in accordance with the UGC Regulations on Minimum
Standards and Procedure 2009.



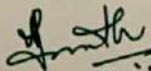
Given under the seal of the University



Dated : 06-12-2021
Salem - 636011
Tamil Nadu, India.


Controller of Examinations
[FAC]


Registrar
[FAC]


Vice-Chancellor

Reg. No. : 12PIIP0974
College Code : 106

No.2KN 000142



பெரியார் பல்கலைக்கழகம்
PERIYAR UNIVERSITY

FACULTY OF SCIENCE



The Syndicate of the **PERIYAR UNIVERSITY** hereby makes known that
JAYAKUMAR P 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 **July 29, 2016** for the thesis entitled,

INVESTIGATIONS ON GENERALIZED p^* - CLOSED SET IN TOPOLOGICAL SPACES.

This degree is awarded in accordance with the UGC Regulations on Minimum
Standards and Procedure 2009.

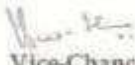


Given under the seal of the University

Dated : 14-10-2016
Place : Salem - 636011
Tamil Nadu, India.


Controller of Examinations


Registrar


Vice-Chancellor


PRINCIPAL
PAVAI ENGINEERING COLLEGE
44-7, PACHAL Post, NAMAKKAL Dist.

Reg. No : 0611H0860
College Code : 135

No.2KN 000230



பெரியார் பல்கலைக்கழகம்
PERIYAR UNIVERSITY



FACULTY OF SCIENCE



The Syndicate of the **PERIYAR UNIVERSITY** hereby makes known that
KISHOKKUMAR B 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 **December 28, 2015** for the thesis entitled,

**OSCILLATION AND EXISTENCE OF NON OSCILLATORY SOLUTIONS OF
EVEN-ORDER NEUTRAL DELAY DIFFERENCE EQUATIONS.**

This degree is awarded in accordance with the UGC Regulations on Minimum
Standards and Procedure 2009,

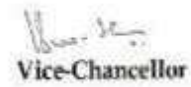


Given under the seal of the University

Dated : 14-10-2016
Place : Salem - 636011
Tamil Nadu, India.


Controller of Examinations


Registrar


Vice-Chancellor

Reg. No : 16PH01761
College Code: 521

No.2KN 048755



பெரியார் பல்கலைக்கழகம்
PERIYAR UNIVERSITY

(Established by the Government of Tamil Nadu in 1997; Recognized by UGC under 20 and 17(b) of UGC Act,
Member, Association of Indian Universities and Association of Commonwealth Universities)

FACULTY OF SCIENCE



The Syndicate of the **PERIYAR UNIVERSITY** hereby makes known that
SATHISH KUMAR M has been admitted to the
Degree of **DOCTOR OF PHILOSOPHY** in **MATHEMATICS**
having been certified by the duly appointed Examiners to be qualified to receive the
same on **October 14, 2019** for the thesis entitled,

**OSCILLATION AND ASYMPTOTIC BEHAVIOR OF THIRD ORDER NEUTRAL
DIFFERENTIAL EQUATIONS WITH MIXED DEVIATING ARGUMENTS**

This degree is awarded in accordance with the UGC Regulations on Minimum
Standards and Procedure 2009.



Given under the seal of the University

Dated: 24-10-2019
Salem - 636011
Tamil Nadu, India.


Controller of Examinations Vc


Registrar Vc


Vice-Chancellor

Reg. No.



(WAM UOE 217 & 220) MAINTAINED UNDER THE ACT No. 29 OF 1977 (IN 1977)

தமிழ்நாடு ஆசிரியர் கல்வியியல் பல்கலைக்கழகம்
FACULTY OF EDUCATION



தமிழ்நாடு ஆசிரியர் கல்வியியல் பல்கலைக்கழகத்தில்

19-07-2021

ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வினாக்காக _____ தரவர்த்தி முனைவர் பட்டம் பெறக் கருதிவுடையவர் என்று தீர்மானிக்கப்பட்டது. **சுபாஷினி K**

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று தமிழ்நாடு ஆசிரியர் கல்வியியல் பல்கலைக்கழக ஆட்சிக்குழு அறிவிக்கின்றது.

தமிழ்நாடு ஆசிரியர் கல்வியியல் பல்கலைக்கழக இயக்குநரகம் _____ 2022 ஆம் ஆண்டு _____ திகதி 29 ஆம் நாள் வழங்கப்பட்டது.

The Syndicate of the Tamil Nadu Teachers Education University hereby makes known that **SUBASHINI K**

has been conferred the

DEGREE OF DOCTOR OF PHILOSOPHY IN EDUCATION.

he/she having been certified by duly appointed Examiners to be qualified to receive the same as on **19-07-2021**

Given under the seal of the Tamil Nadu Teachers Education University this **29th** day of **November 2022**

Title of the Thesis : "Values In School Mathematics Content And Strategies To Integrate Values In Mathematics Teaching."



Chennai, India
Dated: 29-11-2022

(Dr. M. Soundararajan)
Registrar

(Dr. N. Pancharathnam)
Vice-Chancellor