



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

பொறியியல் புலம்
FACULTY OF ENGINEERING

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
நாகராஜன் வெ. 2008ஆம் ஆண்டு அக்டோபர் 23ஆம் தளில் கட்டிடப் பொறியியல் என்றும் பிரிவில்
ஆய்வியல் அறிஞர் என்றும் பட்டம் பெறத் தகுதியடைந்திருப்பதாக சான்றிதழைத்
எழுத அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இயக்குனர்படவ.
பாரதியார் பல்கலைக் கழக ஆட்சித் குழு வழங்குகின்றது.

The *Synopsis* of the Bharathiar University hereby made known that **NAGARAJAN V**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **CIVIL ENGINEERING**,
having been certified by duly appointed Examiners to be qualified to receive the same on **23rd OCTOBER 2008**.



கொம்புத்தூர்

Coimbatore

நாள்

Dated: 9th APRIL 2009 Controller of Examinations

எ

Given under the Seal of the University.



B. U.
தேர்வாளர்

R. Natarajan
பதிவாளர்/Registrar

Registrar (C)

V. Natarajan
தலைவர்/விகி-
Vice-Chancellor

C No 171088



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

பொறியியல் புவம்
FACULTY OF ENGINEERING

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட Government இயல்
விதாயகம் பொ, 2007 ஆம் ஆண்டு மே 28 ஆம் தாஸம் கட்டிடப் பொறியியல் அங்குலம் பிளில்
ஆய்வியல் அறிஞர் அங்குலம் மட்டம் பெறத் தகுதியைத் திறுப்பதால் அங்குலித்ததை
ரத்த அங்குல அங்குல மட்டத்தாய் பல்லைக் கழக இயர்சினார்டர்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகிறது.

The Syndicate of the Bharathiar University hereby notifies that **VINAYAGAM P**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY in CIVIL ENGINEERING,**
having been certified by duly appointed Examiners to be qualified to receive the same on **28th MAY 2007.**



VERIFIED AND ATTESTED
B.K.K.
CONTROLLER OF EXAMINATIONS
Bharathiar University
Given under the Seal of the University.

VERIFIED AND FOUND CORRECT
A.M.M.
CONTROLLER OF EXAMINATIONS



கொழும்புத்தூர்
Coimbatore

Dated: 06th February 2008 Controller of Examinations

Registrar

Vice-Chancellor

C No 130791

Handwritten signature/initials



Reg. No. 2004169101/RG

The Syndicate of the Anna University hereby makes known that
SATHYANARAYAN SRIDHAR 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 **2010.**

Title of the thesis:

**STUDIES ON COASTAL DYNAMICS OF CAUVERY DELTA SHORELINE
USING REMOTELY SENSED DATA**

Given under the Seal of the University



Chennai 600 025

India

December 2010 *Controller of Examinations*

V. Srinivasan

Srinivasan
Registrar

Srinivasan
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

பொறியியல் புவல்
FACULTY OF ENGINEERING

பாரதியார் பல்கலைக் கழகத்தால் முடிவாக அமைக்கப்பட்ட பொறியியல் புவல்
மார்ச்சு 01, 2004-ல் மூலம் வெளியான 16-ஆம் தரம் கட்டிடப் பொறியியல் வகுப்பு பின்னர்
முடிவாகியது. வகுப்பு மூலம் வெளிப்படும் தரநிலை அறிவுரைகள் சார்ந்ததாக
கூடுதல் மூலம் மூலம் கட்டிடப் பொறியியல் புவல் மூலம் இயங்கிவருகிறது.
பாரதியார் பல்கலைக் கழக ஆட்சிப் குழு அறிவுறுத்தல்.

The Senate of the Bharathiar University hereby makes known that SHANMUGAM S
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in CIVIL ENGINEERING,
having been certified by duly appointed Examiners to be qualified to receive the same on 16th SEPTEMBER 2004.

Given under the Seal of the University.



செயலாளர்
Comptroller
தரம்
Date: 1st March 2004


Registrar


Vice-Chancellor

C No 030890

001


Dr. V. SELLADURAI, M.E., Ph.D
F.I.E., F.I.E., Sr.M (ORSI) LM (SS)
PRINCIPAL
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 014, INDIA



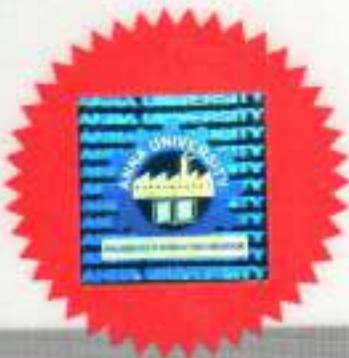
Reg.No. 2007169106/RG

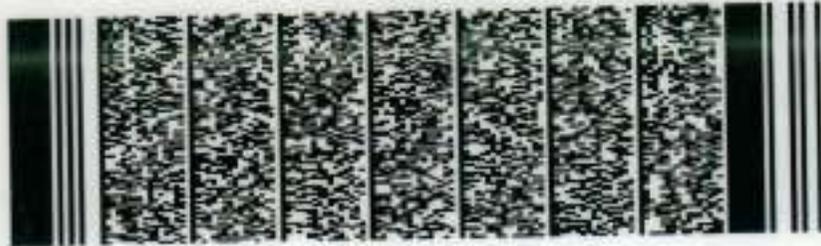
The Syndicate of the Anna University hereby makes known that
SARASWATHI R *has been admitted to the* **DEGREE OF DOCTOR OF**
PHILOSOPHY *under the* **Faculty of Civil Engineering**, *having been*
certified by the duly appointed examiners to be qualified to receive the same in the
year 2013.

Title of the Thesis:

**OPTIMIZATION AND MODELLING OF PHYSICOCHEMICAL AND
SOLID FLUX PARAMETERS FOR PAPER AND PULP MILL EFFLUENT
TREATMENT USING ASP INCLUDING MICROBIAL ANALYSIS**

Given under the Seal of the University





Sl. No. 267971

Read by	<i>Leche</i>
Verified by	<i>ambekar</i>

Anna University



Reg.No. 2006169701/RG

The Syndicate of the Anna University hereby makes known that
MUTHURAJ M 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* **2013**.

Title of the Thesis:

ANALYTICAL AND EXPERIMENTAL STUDIES ON THE BEHAVIOUR OF GLASS FIBRE REINFORCED PLASTIC BRIDGE DECK PANELS

Given under the Seal of the University



Anna University Chennai



Reg. No.:2004169108/RG

The Syndicate of the Anna University Chennai hereby makes known that **SUYAMBURAJA ARULSELVAN** 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 **2008**.

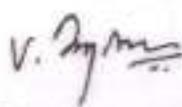
Title of the thesis:

INFLUENCE OF INFILL AND SLAB ON TWO-DIMENSIONAL AND THREE-DIMENSIONAL R.C. FRAMES FOR SEISMIC RESISTANCE

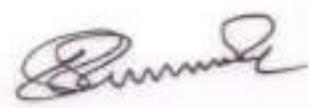
Given under the Seal of the University



Chennai 600 025
India
December 2008


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 1224169709/RG

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

Title of the Thesis:

STRUCTURAL EQUATION MODELLING TO INVESTIGATE THE FACTORS INFLUENCING QUALITY, SAFETY AND PRODUCTIVITY IN CONSTRUCTION PROJECTS

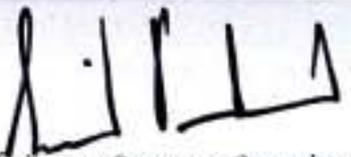
Given under the Seal of the University



Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor

Anna University



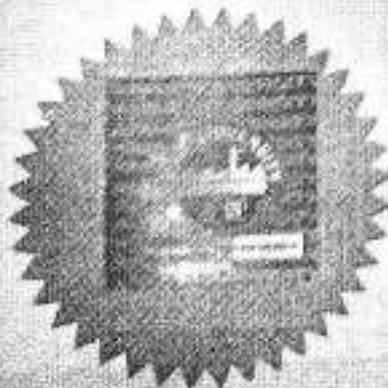
Reg No. 100930221005 RG

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

Title of the Thesis:

EXPERIMENTAL INVESTIGATION ON PROPERTIES OF CONCRETE USING MANUFACTURED SAND, GRANITE POWDER AND BOTTOM ASH AS FINE AGGREGATE

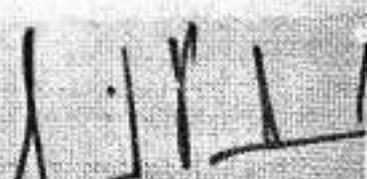
Given under the Seal of the University



Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor

Anna University



Reg.No. 100910221010/RG

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

Title of the Thesis:

BEHAVIOUR OF FIBROUS HIGH PERFORMANCE CONCRETE CONTAINING RECYCLED CONCRETE AND QUARRY DUST AS FINE AGGREGATE

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. 1213119103/RG

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

Title of the Thesis:

ANALYSING AND MANAGING POTENTIAL RISKS IN CONSTRUCTION PROJECTS

Given under the Seal of the University



Chennai 600 025
India
July 2022
SABDH

P. Senthil
Controller of Examinations

f. R. R.
Registrar

R. V. Vijay
Vice-Chancellor



SI.No: MJ 1088144

Read by	<i>P. Srikanya</i>
Verified by	<i>[Signature]</i>

Anna University



Reg.No. 4081022204/RG

The Syndicate of the Anna University hereby makes known that
KALPANA V G *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 2013.*

Title of the Thesis:

INFLUENCE OF FABRIC STRUCTURE AND REINFORCING EFFICIENCY OF TEXTILE REINFORCEMENTS ON THE FLEXURAL BEHAVIOUR OF RC BEAMS

Given under the Seal of the University



Anna University



Reg.No.1212169735/RG



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

Title of the Thesis:

EVALUATION OF STRUCTURAL PERFORMANCE OF PERVIOUS AND NONPERVIOUS CONCRETE PAVEMENTS USING COST EFFECTIVE MATERIALS

Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No.1424169104/RG



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

Title of the Thesis:

STUDIES ON STRENGTH AND DURABILITY OF GGBS BASED FIBROUS GEOPOLYMER CONCRETE BEAMS

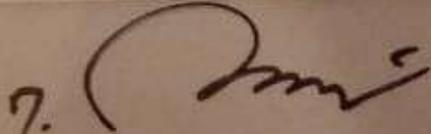
Given under the seal of the University

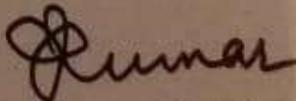


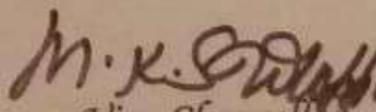
Chennai 600025

India

December 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 1414169109/RG

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

Title of the Thesis:

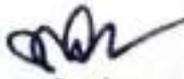
EFFECT OF BAGASSE ASH AS POZZOLAN IN CEMENT COMPOSITES

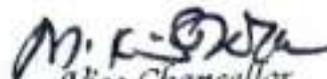


Given under the Seal of the University

Chennai 600 025
India
March 2021
BARBDO


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 1524169108/RG

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

Title of the Thesis:

MECHANICAL AND DURABILITY STUDIES ON THE PROPERTIES OF CEMENT MORTAR AND CONCRETE IN PARTIAL REPLACEMENT OF FINE AGGREGATE WITH WATER TREATMENT SLUDGE

Given under the Seal of the University



Chennai 600 025
India
July 2022

P. Senthil
Controller of Examinations

I.M.
Registrar

R.V. Vijay
Vice-Chancellor



Indian Institute of Technology Madras

hereby confers the degree of
Doctor of Philosophy

of the Institute
on

SARANYA N

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

**EVALUATION OF ENGINEERING BEHAVIOUR OF FINE-GRAINED
GEOMATERIALS BASED ON SURFACE PROPERTIES**



CE10D006

*Given this day the Fifteenth of March, 2018
under the seal of the Institute.*

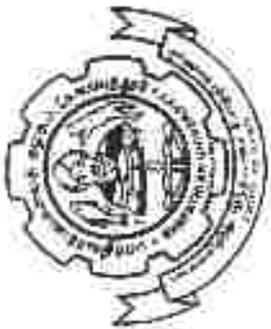


(P. M.)
Registrar

[Signature]
Director

[Signature]
Chairman, Board of Governors

ASST. CHECKED AR / DR



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

பொறியியல் பூலம்

FACULTY OF ENGINEERING

பாரதியார் பல்கலைக் கழகத்தால்:

மார்ச்சு 31, 2007 ஆம் ஆண்டு, தலை 7 ஆம் நாளில்

பெரிய ஆய்வியல் அறிஞர் எஸ்.ஜி.சி. மட்டம் பெருக

என்று அறிஞர் அகிய பட்டதாது பட்டாளம்

பாரதியார் பல்கலைக் கழக ஆட்சித் துறை வழங்குகிறது.

முன்னாள் அமைக்கப்பட்ட தேர்வுகள்

7 ஆம் நாளில் உற்பத்தி பொறியியல்

எஸ்.ஜி.சி. மட்டம் பெருக நீதிமன்றத்திற்குப் பதவிகள்

பட்டதாது பட்டாளம் வழங்குகிறது.

The Syndicate of the Bharathiar University hereby makes known that **MARIMUTHU K** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY in PRODUCTION ENGINEERING**, having been certified by duly appointed Examiners to be qualified to receive the same on **7th JULY 2007**.



Given under the Seal of the University.



கொம்பட்டூர்
Coimbatore

Dated: 8th February 2008

Dr. V. SELLADURAI MEENAKSHI
Registrar
Department of Mechanical Engineering
Coimbatore Institute of Technology
COIMBATORE - 641 014, INDIA.

B.V.A. -
Dr. V. SELLADURAI MEENAKSHI

Vice-Chancellor



LLINOIS



NSSTITUTE OF



ECHNOLOGY

*By authority of the Board of Trustees, and upon the recommendation of the faculty of the
 College of Engineering and Science
 Illinois Institute of Technology hereby confers upon*

Sridhar Thyageswarani

the degree of

Doctor of Philosophy
 in Mechanical and Aerospace Engineering

with all the rights, privileges, and honors thereto appertaining

Awarded at Chicago, in the State of Illinois

December 15, 1998

R. A. Pfeiffer
 Chairman of the Board of Trustees

Mary Anne Smith
 Secretary



Kevin Collins
 President

S. M. [Signature]
 [Signature]

(Handwritten)
M. A. Sundararaj
 M. A. SUNDARARAJ
 Superintendent of Technical Education
 Annur Range
 ANNUR





LOUGHBOROUGH UNIVERSITY

This is to certify that

on 17 July 2008

Rajesh Ranganathan

was admitted to the degree of

Doctor of Philosophy

Shirley Kece

VICE-CHANCELLOR



பாரதியார் பல்கலைக் கழகம் Bharathiar University

பொறியியல் புலம்

FACULTY OF ENGINEERING

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
இராஜம் இராமசாமி ந, 2002 ஆம் ஆண்டு, டிசம்பர் 7 ஆம் தாளில் இயந்திரப் பொறியியல் எனும் பிரிவில்
ஆய்வியல் அறிஞர் என்றும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை
ஏற்று, உலகுக்கு அறிவு பட்டத்தைப் பல்கலைக் கழக அமைச்சர் இயக்குகின்றனர்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that RAJAM RAMASAMY N has been admitted to the Degree of DOCTOR OF PHILOSOPHY in MECHANICAL ENGINEERING, having been certified by duly appointed Examiners to be qualified to receive the same on 7th DECEMBER 2002.

Given under the Seal of the University.



கோயம்புத்தூர்

Coimbatore

நாள்

Dated: 26th JUNE 2003

வளம்

H. D. N. Srinivasan

பதிவுகாரர்

Registrar

H. D. N. Srinivasan
ஒப்பளிக்கப்பெற்ற கையொப்பமாணி
துணைவேந்தருக்காக
Authorised signatory
For Vice-Chancellor

Anna University



Reg. No. 70/10/2155/RG

The Syndicate of the Anna University hereby makes known that SURESHKANNAN G 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:

A STUDY ON THERMAL RELATED CONSTRAINTS AND THEIR EFFECTS ON MICRO TUBULAR COIL HEATERS

Given under the Seal of the University





Indian Institute of Technology Madras

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

KRISHNAN A S

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

**EXPERIMENTAL STUDIES ON FREE AND MIXED
CONVECTION WITH SURFACE RADIATION IN
ISOLATED AND PARALLEL VERTICAL HEATED PLATES**

*Given this day the Twentieth of July, 2005
under the seal of the Institute.*



Yama Titus
Registrar

[Signature]
Director

[Signature]
Chairman, Board of Governors

Anna University



Reg.No. 11110331077/RG



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

Title of the Thesis:

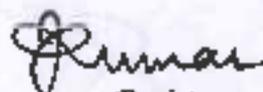
EXPERIMENTAL AND SIMULATION STUDIES OF PERFORMANCE AND EMISSION CHARACTERISTICS ON ETHANOL FUELED DIRECT INJECTION HIGH COMPRESSION CI ENGINE

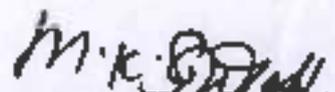
Given under the seal of the University



Chennai 600025
India
December 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg. No. 1524209714/16G

The Syndicate of the Anna University hereby makes known that **SUGANYA PRIYADHARSHINI G** 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:

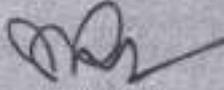
INVESTIGATIONS ON PRODUCTION AND CHARACTERIZATION OF SURFACE MODIFIED CuNi COMPOSITE USING FRICTION STIR PROCESSING

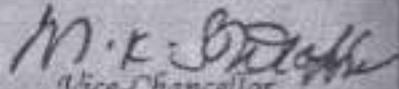
Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor



The Syndicate of the Anna University Chennai hereby makes known that **SUGANYA PRIYADHARSHINI G** has been admitted to the **DEGREE OF MASTER OF ENGINEERING in COMPUTER AIDED DESIGN** under the Faculty of Mechanical Engineering, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same, and has been placed in **FIRST CLASS WITH DISTINCTION** at the Examination held in **JUNE 2007**.

Given under the Seal of the University

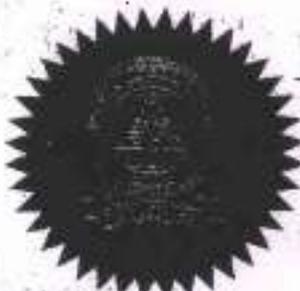


பொறியியல் மற்றும் தொழில்நுட்பவியல் புலம்
FACULTY OF ENGINEERING AND TECHNOLOGY

பெரியார் பல்கலைக்கழக ஆட்சிக்குழு 2004 ஆம் ஆண்டு மே மாதம் நடந்த இயந்திரவியல் தேர்வில் சுகன்யா பிரியதர்ஷினி என்பவர் முதல் வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி பொறியியல் இளையர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the Periyar University hereby makes known that **SUGANYAPRIYADHARSHINI G** *has been admitted to the* **DEGREE OF BACHELOR OF ENGINEERING in MECHANICAL** *he/she having been certified by duly appointed Examiners to be qualified to receive the same and was placed in the* **FIRST CLASS** *at the Examination held in* **MAY-2004**

Given under the seal of this university



சுகன்யா
Dated 15-09-2004

த.வ.வேந்தர்

Anna University



Reg. No.1512269763/RC

The Syndicate of the Anna University hereby makes known that **BALAJI AYYANAR C** 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

AN INVESTIGATION ON SURFACE MORPHOLOGY, THERMAL STABILITY, MECHANICAL CHARACTERISATION, AND *IN-VITRO* STUDIES OF THE NATURAL PARTICULATES FILLED BIOPOLYMER COMPOSITES

Given under the seal of the University



Chennai 600025
India

P. Senthilvel
Registrar

J. Ramesh
Vice-Chancellor

R.V. Vijay
Vice-Chancellor

Anna University

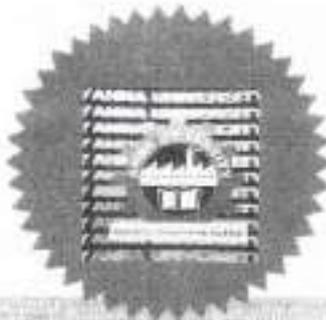


Ref. No. U/2014/2014/Reg

The Syndicate of the Anna University hereby makes known that **KARTHIKEYAN A** 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.

INVESTIGATION ON TENSILE, FLEXURAL AND IMPACT BEHAVIOR OF SODIUM LAURYL SULFATE (SLS) TREATED COIR FIBER REINFORCED EPOXY COMPOSITE




Dr. M. ANBARASU, M.E., Ph.D.,
Assistant Professor in Civil Engineering
Government College of Engineering
Salem-836 011, Tamilnadu, India.

Given under the Seal of the University

Chennai 600 025
India
November 2014


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg No. 100910321049:RC1

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

Title of the Thesis:

INVESTIGATION ON FRICTION STIR PROCESSING OF ALUMINIUM SURFACE COMPOSITES

Given under the Seal of the University

Anna University



Reg.No. 71110331068/RG

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

Title of the Thesis:

STUDIES ON TRIBOLOGICAL PROPERTIES OF UHMWPE HYBRID COMPOSITES USING RESPONSE SURFACE METHODOLOGY AND ARTIFICIAL NEURAL NETWORK

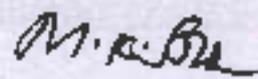
Given under the Seal of the University



Chennai 600 025
India
March 2021
UAM 711


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 1313269703/RG

The Syndicate of the Anna University hereby makes known that
KARTHIKEYAN 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 2023. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".*

Title of the Thesis:

INVESTIGATION ON DISSIMILAR FRICTION STIR WELDING OF MARAGING STEEL M250 WITH ALUMINIUM ALLOY AA6061 T6

Anna University



Reg.No. 10910321007-RC

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

Title of the Thesis:

INVESTIGATION ON PLASMA TRANSFERRED ARC HARDFACING OF STRUCTURAL STEEL WITH TITANIUM CARBIDE

Given under the Seal of the University

Anna University



Reg.No.100010321036/RCS



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

APPLICATION OF FUTURE PROJECTED DESIGN FOR MANUFACTURE USING RAPID PROTOTYPING / RAPID MANUFACTURING TECHNOLOGY

Anna University



Reg. No. J009H0021044/JRC



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

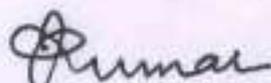
IDENTIFICATION AND APPLICATION OF INNOVATIVE MANUFACTURING METHODS IN HEALTHCARE ENGINEERING

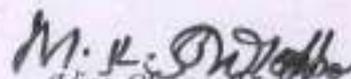
Given under the seal of the University



Chennai 600025
India
December 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No.71010321047/RG

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

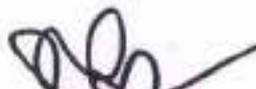
INTEGRATING LEAN, AGILE AND MODULARITY IN HEALTHCARE THROUGH ADDITIVE MANUFACTURING

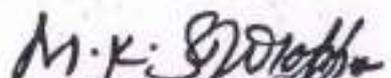
Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



The Senate of the Anna University hereby certifies that
MOHAN P has been admitted to the **DEGREE OF BACHELOR OF
 ENGINEERING in MECHANICAL ENGINEERING** course of
 Mechanical Engineering having completed the prescribed programme of
 study and having been certified by duly appointed examiners to have
 earned the name and having been placed by them in the **FIRST CLASS** of the
 Examination held in **APRIL, 2006**.

Given under the Seal of the University



Dr. P. S. Kumar
 Registrar

[Signature]
 Controller of Examinations

[Signature]
 Head of Department

[Signature]
 Vice-Chancellor



Reg No. 07-MAM-07

*The Syndicate of the Anna University Coimbatore hereby makes known that MOHAN. P. has been admitted to the **DEGREE OF MASTER OF ENGINEERING** in **ADVANCED MANUFACTURING TECHNOLOGY** under the Faculty of Mechanical Engineering having completed the prescribed programme of study through **COIMBATORE INSTITUTE OF TECHNOLOGY-COIMBATORE,** an autonomous College affiliated to this University and having been certified by duly appointed examiners to be qualified to receive the same and having been placed by them in the **FIRST CLASS WITH DISTINCTION** at the Examination held in **JULY 2009.***

ANNA UNIVERSITY COIMBATORE ANNA UNIVERSITY COIMBATORE ANNA UNIVERSITY COIMBATORE ANNA

Given under the Seal of the University



Coimbatore 641 047
India
February 2011

Controller of Examinations

Registrar

Vice-Chancellor



ANNA UNIVERSITY

CENTRE FOR RESEARCH

Sardar Patel Road, Chennai - 600 025, India



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

Director

Ref : No. 1614269237/Ph.D./AR4

Date : 09.11.2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.D P.Sam Solomon**, has registered for Ph.D. Programme in **Heat Power Engineering** during January-2016. The scholar has submitted the thesis entitled, "**EXPERIMENTAL STUDIES ON EFFECT OF ORIENTATION OF TUBES ON PERFORMANCE OF SHELL AND TUBE HEAT EXCHANGERS**" and has successfully completed the oral examination held on 01.11.2022 for the award of Ph.D. Degree under the Faculty of **Mechanical Engineering**.

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

U. Umami
9/11/22

DIRECTOR (RESEARCH)

Dr. P.
09/11/22

Anna University



Reg.No. 71010321045/RG

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

DEVELOPMENT OF ABC - FSN INTEGRATED MODEL AND STRATEGY FOR SUPPLIER SELECTION ADOPTING FUZZY AHP AND FUZZY TOPSIS TECHNIQUES IN PHARMACY

Given under the Seal of the University



Chennai 600 025
India
March 2021
RAB1233


Controller of Examinations
MANIVEL P


Registrar


Vice-Chancellor
SIBHALLASA A (1210)E (MARCH 2021) 2020

Anna University



Reg.No. 711103214006/RC

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

Title of the Thesis:

DESIGN AND DEVELOPMENT OF A RESEARCH METHODOLOGY TOWARDS IMPROVING THE SUPPLY CHAIN EFFICIENCY AND ENHANCING ASSEMBLY LINE IMPROVEMENTS OF A SMALL SCALE INDUSTRY

Given under the Seal of the University



Anna University



Reg No. 11210331005/RG

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

PROCESS PARAMETER OPTIMIZATION IN ELECTRICAL DISCHARGE MACHINING OF PH 15-5 STAINLESS STEEL MATERIAL USING MULTI CRITERIA DECISION MAKING (MCDM) METHOD

Anna University



Reg.No. 11110311029/RG

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

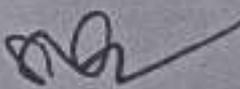
MODELLING AND SIMULATION OF INDIAN TRADITIONAL AGRICULTURE SUPPLY CHAIN TO RETAIN FRESHNESS AND REDUCE POST-HARVEST LOSSES

Given under the Seal of the University



Chennai 600 025
India
March 2021


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 1414269128/RG

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

EXPLORATION ON THE EFFECTS OF PROCESS PARAMETERS IN SQUEEZE CASTING AND WEDM MACHINING OF LM13 ALUMINIUM ALLOY AND ALUMINIUM MATRIX COMPOSITES (LM13/SiC)



Given under the Seal of the University

Chennai 600 025
India
March 2021


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 1614269135/RG

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

EXPERIMENTAL INVESTIGATION ON DOUBLE-PASS SOLAR AIR HEATER WITH INTERNAL HEAT STORAGE

Given under the Seal of the University



Chennai 600 025
India
July 2022
1614269135

P. Sivarathinamoorthy
Controller of Examinations

J. M. -
Registrar

R. V. Vijay
Vice-Chancellor

Anna University



Reg.No. 1415269786/RG

The Syndicate of the Anna University hereby makes known that
TONY PUNNOOSE VALAYIL, 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:

KINEMATIC ANALYSIS OF HYBRID EXOSKELETON ROBOT WITH SPHERICAL JOINTS FOR REHABILITATION OF UPPER LIMB IN STROKE AFFECTED PATIENTS

Anna University



Reg.No. 7116031E064 RU1

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

Title of the Thesis.

PRODUCTION AND CHARACTERIZATION OF COPPER SURFACE COMPOSITES USING FRICTION STIR PROCESSING

Anna University



Reg. No.19132697122-RG

The Syndicate of the Anna University hereby makes known that **RAMKUMAR G** 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 2023. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".

Title of the Thesis:

ENHANCEMENT OF DAMPING CHARACTERISTICS OF POLYMER CANTILEVER WITH MR FLUID AND PIEZOELECTRIC MEC

Given under the seal of the University



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

பொறியியல் புலம்
FACULTY OF ENGINEERING

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு.
வசந்தரத்னா சோ, 2006ஆம் ஆண்டு, பிப்ரவரி 6ஆம் தாளில் மின் மற்றும் மின்னணுப்
பொறியியல் 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 VASANTHARATHNA S
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ELECTRICAL & ELECTRONICS
ENGINEERING, having been certified by duly appointed Examiners to be
qualified to receive the same on 6th FEBRUARY 2006.

Given under the Seal of the University.



கோயம்புத்தூர்

Coimbatore

நாள்

Dated: 22nd January 2007

2007

Controller of Examinations i/c

V. Subramaniam
தேர்வாளர்(பொ)

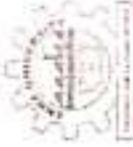
P. J. M.
பதிவாளர்

Registrar

V. S. S.
துணைவேந்தர்

Vice-Chancellor

C N° 096436



Reg. No. 2062549745 BG

The Syndicate of the Anna University Chennai hereby makes known that

**CHANDRASEKARAN E 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 2008.*

Title of the thesis:

**AN IMPROVED MODEL FOR HARMONIC IDENTIFICATION,
ESTIMATION AND ELIMINATION IN AC-DC AND DC-AC CONVERTERS**



Chennai 600 025
India
December 2008

V. Rajan

Controller of Examinations

Srinivasan

Registrar

Ramamoorthy

Vice-Chancellor

Given under the Seal of the University

विद्या परिषद की अनुशंसा पर
भारतीय प्रौद्योगिकी संस्थान कानपुर
के संचालक मण्डल द्वारा
गणवालन गु

को

डॉक्टर ऑफ फिलॉसफी

की उपाधि

समस्त सम्मानों विशेषाधिकारों व दायित्वों के साथ
सात जून दो हजार पंद्रह को कानपुर में
प्रदान की गयी।



THE BOARD OF GOVERNORS
OF THE
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
UPON THE RECOMMENDATION OF THE SENATE
HEREBY CONFERS ON

MANAVAALAN G

THE DEGREE OF

DOCTOR OF PHILOSOPHY

WITH ALL HONOURS PRIVILEGES AND OBLIGATIONS
THEREUNTO PERTAINING

GIVEN AT KANPUR ON THIS SEVENTH DAY OF JUNE
TWO THOUSAND FIFTEEN

Ms. Anand Rakesh

अध्यक्ष, संचालक मण्डल

CHAIRMAN
BOARD OF GOVERNORS

Manavaalan G

कुलसचिव

REGISTRAR

In detail

अध्यक्ष, विद्या परिषद

CHAIRMAN
SENATE

Anna University



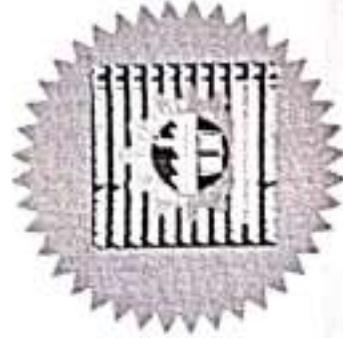
Reg.No. 10900431030/RG



The Syndicate of the Anna University hereby makes known that NANDA KUMAR 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:

MODELING, SIMULATION, ANALYSIS AND REAL TIME VERIFICATION OF PWM TECHNIQUES FOR DTC BASED INDUCTION MOTOR DRIVE USING AI TECHNIQUES



Given under the Seal of the University

Chemical 600 025

India

March 2021

J. Chinn

Controller of Examinations

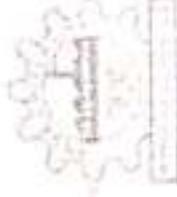
W. S.

Registrar

M. K. Devar

Vice-Chancellor

Anna University



Reg.No:710109210113016

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

Title of the Thesis

CERTAIN HYBRID MACHINE LEARNING APPROACHES AND CONSUMER MODELS FOR MITIGATION OF HARMONIC DISTORTION IN MICROGRIDS



Given under the seal of the University

Place: Anna,
Date: 2017
June 2017
Controller of Examinations

(Signature)

Page No. 1

(Signature)

(Signature)
The Controller

Anna University



Reg.No.,20103062016/RG

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

Title of the Thesis:

A COMBINED CONTROL STRATEGY OF SHUNT ACTIVE POWER FILTER FOR GRID CONNECTED SOLAR PHOTOVOLTAIC SYSTEM

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17
Controller of Examinations

Registrar

M.K. Sathish
Vice-Chancellor

Anna University

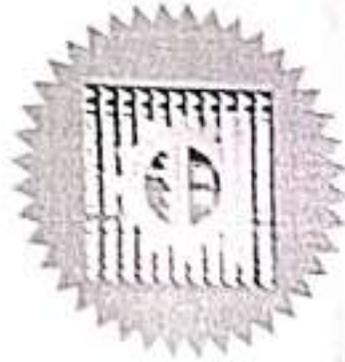


Reg.No. 1423319704/RG

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

Title of the Thesis:

**PERFORMANCE COMPARISON AND STABILITY ANALYSIS OF POWER
FACTOR CORRECTION CONVERTERS**



Given under the Seal of the University

Chennai 600 025

India

July 2022

P. Sankaranarayanan
Controller of Examinations

S. R. I.
Registrar

R. V. Ling
Vice-Chancellor

Anna University



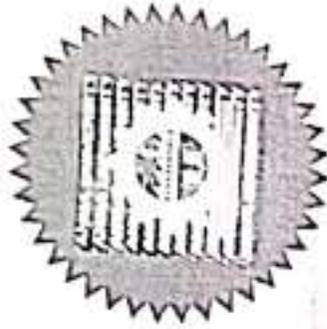
Reg.No. 71090431043/RG

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

IMPROVING ENERGY EFFICIENCY OF INDUSTRIAL ELECTRICAL NETWORK THROUGH IMPLEMENTATION OF ENERGY CONSERVATION TECHNIQUES

Given under the Seal of the University



Chennai 600 025
India
May 2017

Controller of Examinations

Chairman, Convener Committee
The Chancellor

Anna University



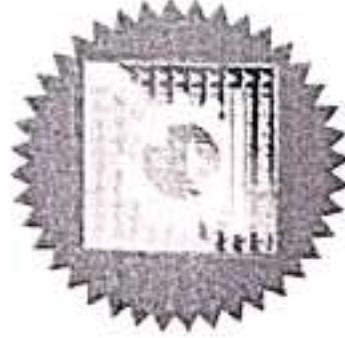
Reg No. 1524309215/RG



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

Title of the Thesis:

ENHANCING VOLTAGE STABILITY OF ISOLATED HYBRID POWER SYSTEM WITH THE APPLICATION OF OPTIMIZED CONTROLLERS



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Chennai 600 025

India

July 2022

1524309215/RG

P. Senthilvel
Controller of Examinations

P.M.
Registrar

R.V. Ling
Vice-Chancellor

Anna University

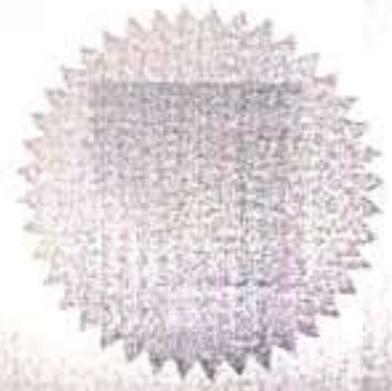


Reg.No: 15243001100061

The Syndicate of the Anna University hereby makes known that MERLIN SAJINI M.L. 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:

INTEGRATION OF DISTRIBUTED ENERGY RESOURCES WITH EFFICIENT POWER UTILIZATION IN RADIAL DISTRIBUTION NETWORK AND SCHEDULING OF LOADS ON THE CONSUMER SIDE



Given under the Seal of the University

Chennai 600 025

India

July 2022

P. Govindaraj

Controller of Examinations

J.N.A.

Registrar

R.V. Vijay

Vice-Chancellor

Anna University



Reg No: 171436913648KG

The Syndicate of the Anna University hereby makes known that
VINODH KUMAR P 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 2024. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".*

Title of the Thesis:

ENHANCEMENT OF PRODUCTIVITY IN THE AUTOMATED ANODIZING INDUSTRY USING MACHINE LEARNING AND EVOLUTIONARY ALGORITHMS



Given under the Seal of the University

Chennai 600 025

India

July 2024

P. Sankaranarayanan

Controller of Examinations

Doanle

Registrar

R. V. Mahalingam

Vice-Chancellor



SI.No: MJ 1368591

Read by	P. Bama
Verified by	[Signature]

Anna University



Reg.No. 19244697333/RG

The Syndicate of the Anna University hereby makes known that
HAMSAVARTHINI Y 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 2024. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".*

Title of the Thesis:

INVESTIGATIONS ON PERFORMANCE IMPROVEMENT IN POWER TRAIN COMPONENTS FOR ELECTRIC THREE WHEELER APPLICATION



Given under the Seal of the University



PROGRESS THROUGH KNOWLEDGE

SI.No: MJ

1368683

Read by

T.Subhashini

Verified by

சுபாஷினி



The Syndicate of the Anna University Chennai hereby makes known that **MANIKANDAN V** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Electrical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2007.

Title of the thesis:

CERTAIN INVESTIGATIONS ON THE FAULT DIAGNOSIS ASPECTS OF ANALOG CIRCUITS AND SYSTEMS.

Given under the Seal of the University



Chennai - 600 025
India
December 2007

Controller of Examinations

Registrar

Vice-Chancellor



Ref No: 2010/00101

The Syndicate of the Anna University Chennai hereby makes known that **SUGA 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 2010.

Title of the thesis

INVESTIGATIONS ON WAVELET BASED POWER SIGNAL DISTURBANCE IDENTIFICATION AND CLASSIFICATION



Given under the Seal of the University

Chennai-600 025
India
February 2010

V. Rajan
Controller of Examinations

Srinivasan
Registrar

Ramesh
Vice-Chancellor

Anna University Chennai

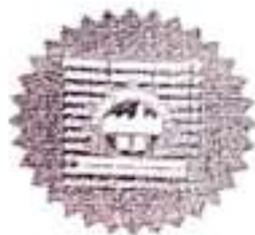
Reg. No. 2007120746-EE



The Syndicate of the Anna University Chennai hereby makes known that **DEVI SHREE 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 **2009**.

Title of the thesis:
IMPLEMENTATION OF SOFT COMPUTING METHODS FOR IMPROVING THE PERFORMANCE OF PHOTOVOLTAIC SYSTEM USING MAXIMUM POWER POINT TRACKING ALGORITHMS

Given under the Seal of the University



Chennai 600 025
India
February 2010

[Signature]
Controller of Examinations

[Signature]
Registrar

[Signature]
Vice-Chancellor

Anna University



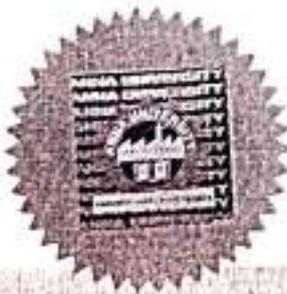
Reg.No. 7070052206/RG

The Syndicate of the Anna University hereby makes known that
GEETHA 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 **2013**.

Title of the Thesis:

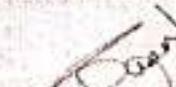
**PERFORMANCE EVALUATION OF FAIR BANDWIDTH ALLOCATION
MECHANISMS IN BROADBAND WIRELESS ACCESS NETWORKS**

Given under the Seal of the University



Chennai 600 025
India
November 2013


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 10910421012/RG

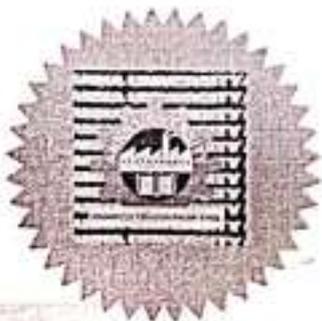


The Syndicate of the Anna University hereby makes known that **ELANGO S** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Electrical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2016**. The degree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

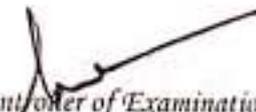
Title of the Thesis:

CERTAIN INVESTIGATIONS ON HARMONIC MITIGATION USING THREE PHASE THREE LEVEL SHUNT ACTIVE POWER FILTER

Given under the Seal of the University



Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor



Reg No: 20MA11

பாரதியார் பல்கலைக் கழகம்
Bharathiar University

பொறியியல் புலம்

FACULTY OF ENGINEERING

பாரதியார் பல்கலைக் கழகத்துடன் இணைந்த தன்னாட்சி கல்வியியல், கோயம்புத்தூர், கேரளா தொழில்நுட்பக் கல்லூரி ஏப்ரல் 1999-ஆம் ஆண்டு ந-கல்ப மின் மற்றும் மின்னணுவியல் பொறியியல் (பயன்பாட்டு மின்னணுவியல்) தேர்வில் சந்திரசேகரன் க., இரண்டாம் வகுப்பில் தேர்ச்சி பெற்றது கருவியமைத்திருப்பதாக உரிய தேர்வாளர்கள் சான்றிதழை வழி பொறியியல் நிறைஞர் அன்றும் மட்டத்தினர் அலுவலகம் மின்னணுவியல், பாரதியார் பல்கலைக் கழக ஆட்சிக்குழு வழங்கிவந்தது.

The Syndicate of the Bharathiar University hereby make known that **CHANDRASEKARAN E** has been admitted to the Degree of **MASTER OF ENGINEERING**, having been certified by duly appointed Examiners to be qualified to receive the same in **ELECTRICAL & ELECTRONICS ENGINEERING (APPLIED ELECTRONICS)** and was placed in **SECOND** Class, at the Examination held in **APRIL 1999**, through **COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE**, an autonomous College, affiliated to this University.

Given under the Seal of the University.



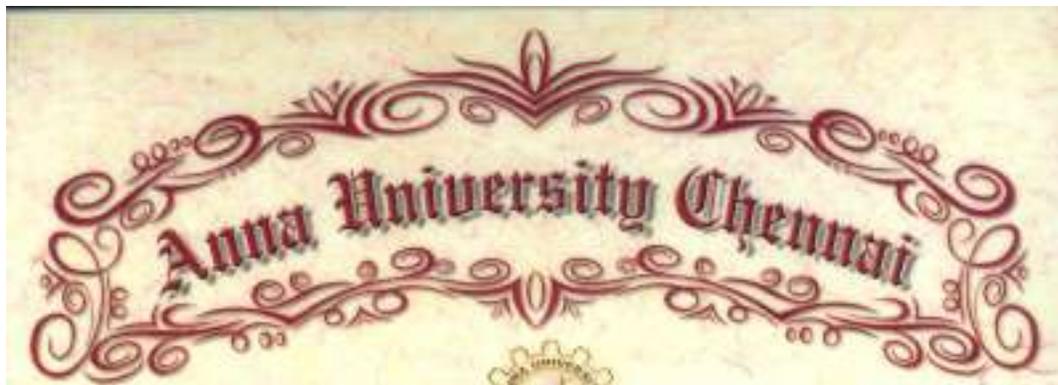
கோயம்புத்தூர்
Coimbatore

திகதி
Dated: 5th October 2000
2000

ISSUED ON 17 FEB 2001

Registrar

Vice-Chancellor



Reg. No. 2002349745/8G

The Syndicate of the Anna University Chennai hereby makes known that
CHANDRASEKARAN E 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 **2008**.

Title of the thesis:

AN IMPROVED MODEL FOR HARMONIC IDENTIFICATION, ESTIMATION AND ELIMINATION IN AC-DC AND DC-AC CONVERTERS

Given under the Seal of the University



Chennai 600 025
India
December 2008

Controller of Examinations

Registrar

Vice-Chancellor



Reg. No. 2005386105/RG



The Syndicate of the Anna University Chennai hereby makes known that
SUJA 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* **2010**.

Title of the thesis:

INVESTIGATIONS ON WAVELET BASED POWER SIGNAL DISTURBANCE IDENTIFICATION AND CLASSIFICATION



Given under the Seal of the University

Chennai 600 025
India
February 2010

V. Srinivasan
Controller of Examinations

Rajagopal
Registrar

Samudra
Vice-Chancellor

Anna University Chennai



Reg. No.:2002349746/RG

The Syndicate of the Anna University Chennai hereby makes known that
DEVI SHREE 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* **2009**.

Title of the thesis:

IMPLEMENTATION OF SOFT COMPUTING METHODS FOR IMPROVING THE PERFORMANCE OF PHOTOVOLTAIC SYSTEM USING MAXIMUM POWER POINT TRACKING ALGORITHMS



Given under the Seal of the University

Chennai 600 025
India
February 2010


Controller of Examinations


Registrar


Vice-Chancellor



Reg.No. 4081042210/WRG

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

Title of the Thesis:

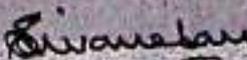
**CERTAIN NEW APPROACHES TO FAULT DIAGNOSIS OF ANALOG
ELECTRONIC CIRCUITS USING FREQUENCY RESPONSE METHODS**

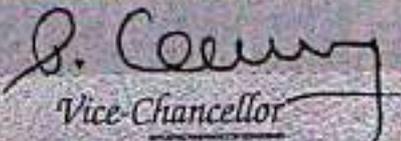
Given under the Seal of the University



Chennai 600 025
India
March 2013


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 10910421012/RG



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

Title of the Thesis:

CERTAIN INVESTIGATIONS ON HARMONIC MITIGATION USING THREE PHASE THREE LEVEL SHUNT ACTIVE POWER FILTER

Given under the Seal of the University

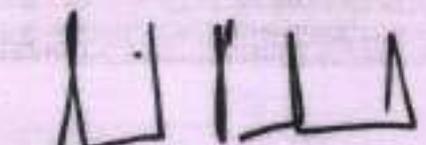


*AHed
~ EP.*

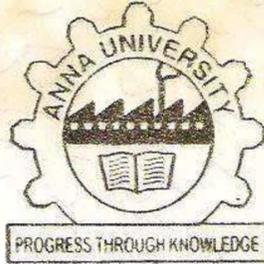
Chennai 600 025
India
May 2017
NAME: 017


Controller of Examinations
NAME: 017


Registrar
NAME: 017


Chairman, Convener Committee
Vice-Chancellor
NAME: 017

Anna University



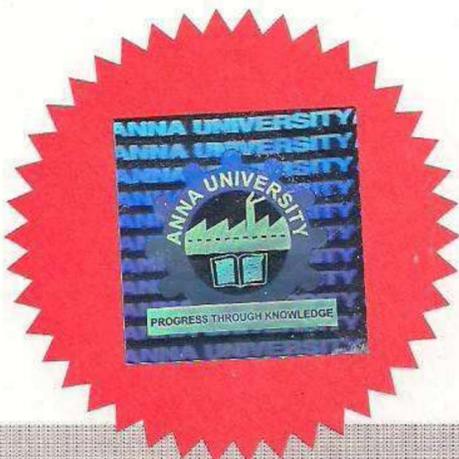
Reg.No. 7070052206/RG

The Syndicate of the Anna University hereby makes known that **GEETHA 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 **2013**.

Title of the Thesis:

PERFORMANCE EVALUATION OF FAIR BANDWIDTH ALLOCATION MECHANISMS IN BROADBAND WIRELESS ACCESS NETWORKS

Given under the Seal of the University



विद्या परिषद की अनुशंसा पर
भारतीय प्रौद्योगिकी संस्थान कानपुर
के संचालक मण्डल द्वारा
मणवालन गु

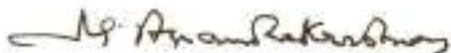
को

डॉक्टर ऑफ फिलॉसफी
की उपाधि

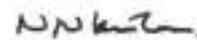
समस्त सम्मानों विशेषाधिकारों व दायित्वों के साथ
सात जून दो हजार पंद्रह को कानपुर में
प्रदान की गयी।



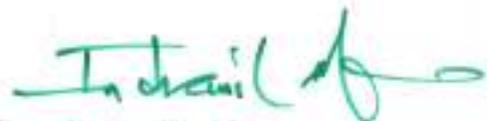
THE BOARD OF GOVERNORS
OF THE
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
UPON THE RECOMMENDATION OF THE SENATE
HEREBY CONFERS ON
MANAVAALAN G
THE DEGREE OF
DOCTOR OF PHILOSOPHY
WITH ALL HONOURS PRIVILEGES AND OBLIGATIONS
THEREUNTO PERTAINING
GIVEN AT KANPUR ON THIS SEVENTH DAY OF JUNE
TWO THOUSAND FIFTEEN



अध्यक्ष, संचालक मण्डल
CHAIRMAN
BOARD OF GOVERNORS



कुलसचिव
REGISTRAR



अध्यक्ष, विद्या परिषद
CHAIRMAN
SENATE

Anna University



Reg.No.71010421013/RG

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

Title of the Thesis:

CERTAIN HYBRID MACHINE LEARNING APPROACHES AND CONVERTER MODELS FOR MITIGATION OF HARMONIC DISTORTION IN MICROGRID SYSTEM

Given under the seal of the University



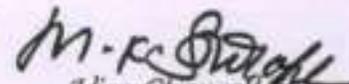
Chennai 600025

India

June 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 109061A11030/RCE

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

MODELING, SIMULATION, ANALYSIS AND REAL TIME VERIFICATION OF PWM TECHNIQUES FOR DTC BASED INDUCTION MOTOR DRIVE USING AI TECHNIQUES

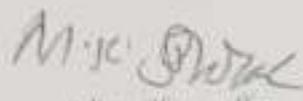
Given under the Seal of the University



Chennai 600 023
India
March 2021
XXXXXX


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No.20103062016/RG



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

Title of the Thesis:

A COMBINED CONTROL STRATEGY OF SHUNT ACTIVE POWER FILTER FOR GRID CONNECTED SOLAR PHOTOVOLTAIC SYSTEM

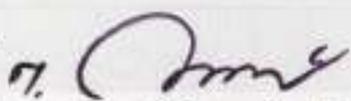
Given under the seal of the University



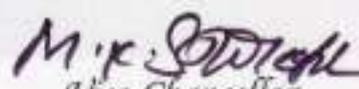
Chennai 600025

India

June 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg No. 1524369215/RG



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

Title of the Thesis:

ENHANCING VOLTAGE STABILITY OF ISOLATED HYBRID POWER SYSTEM WITH THE APPLICATION OF OPTIMIZED CONTROLLERS

Given under the Seal of the University



Chennai 600 025
India
July 2022
CHENNAI

P. Senthil
Controller of Examinations

A.R.
Registrar

R.V. Vijay
Vice-Chancellor

Anna University



Reg.No.71010432016/RG

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

Title of the Thesis:

CERTAIN INVESTIGATIONS ON OPTIMAL PLACEMENT OF STATCOM USING CGSA IN POWER SYSTEM

Given under the seal of the University

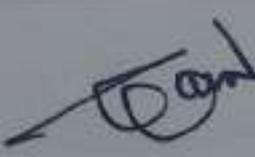


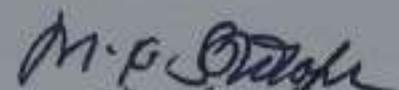
Chennai-600025

India

June 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 1423319704/RG

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

Title of the Thesis:

PERFORMANCE COMPARISON AND STABILITY ANALYSIS OF POWER FACTOR CORRECTION CONVERTERS

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Chennai 600 025
India
July 2022

P. Sathishan
Controller of Examinations

A.H.
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R.V. Khaj
Vice-Chancellor

Anna University



Reg. No.1424369101/RG



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

Title of the Thesis:

FAULT PROGNOSTICS IN ANALOG ELECTRONIC CIRCUITS USING SOFT COMPUTING TECHNIQUES

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Chemical 600025
India
July 2022

P. Sathivel
Controller of Examinations

A.M.
Registrar

R.V. Vijay
Vice-Chancellor

Anna University



Reg.No. 71090431043/RG

The Syndicate of the Anna University hereby makes known that
SURESH K *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".*

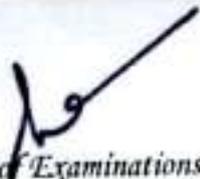
Title of the Thesis:

IMPROVING ENERGY EFFICIENCY OF INDUSTRIAL ELECTRICAL NETWORK THROUGH IMPLEMENTATION OF ENERGY CONSERVATION TECHNIQUES

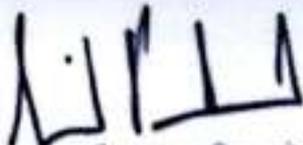
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Chennai 600 025
India
May 2017


Controller of Examinations


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Chairman, Convener Committee
Vice-Chancellor



SI.No: MJ **100377**

Read by **D. Sai Pruthi**
Verified by **L. Lalitha**

Anna University



Reg.No. 1524369170/RG



The Syndicate of the Anna University hereby makes known that
MERLIN SAJINI M L *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:

**INTEGRATION OF DISTRIBUTED ENERGY RESOURCES FOR
EFFICIENT POWER UTILIZATION IN RADIAL DISTRIBUTION
NETWORK AND SCHEDULING OF LOADS ON THE CONSUMER SIDE**

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City: Chennai 600 025
India
July 2022

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Controller of Examinations

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Registrar

R. V. Vijay
Vice-Chancellor

Anna University



Reg No. 1714369/1364/RG

The Syndicate of the Anna University hereby makes known that
VINODH KUMAR P 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 **2024**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".

Title of the Thesis:

ENHANCEMENT OF PRODUCTIVITY IN THE AUTOMATED ANODIZING INDUSTRY USING MACHINE LEARNING AND EVOLUTIONARY ALGORITHMS

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Chennai 600 025
India
July 2024

P. Sankar
Controller of Examinations

Doan
Registrar

R. K. Vijay
Vice-Chancellor



Sl.No: MJ 1368591

Read by	A. Bame
Verified by	V. V. Th

Anna University



Reg.No. 19244697333/RG

The Syndicate of the Anna University hereby makes known that
HAMSAVARTHINI Y *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* **2024**. *The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".*

Title of the Thesis:

INVESTIGATIONS ON PERFORMANCE IMPROVEMENT IN POWER TRAIN COMPONENTS FOR ELECTRIC THREE WHEELER APPLICATION

Given under the Seal of the University





SI.No: MJ 1368683

Read by	T. Subhashini
Verified by	

Anna University Chennai



The Syndicate of the Anna University Chennai hereby makes known that **RAJESWARI 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 **2007**.

Title of the thesis:

INVESTIGATIONS ON MULTIPLE ACCESS INTERFERENCE CANCELLATION SCHEMES IN CODE DIVISION MULTIPLE ACCESS BASED CELLULAR SYSTEMS

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Chennai 600 025
India
December 2007

Controller of Examinations

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Vice-Chancellor

Anna University



Reg.No. 71110532023/RG

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

Title of the Thesis:

CERTAIN INVESTIGATIONS ON IMPROVED META-HEURISTIC ALGORITHMS FOR REAL-TIME TASK ASSIGNMENT IN HETEROGENEOUS MULTIPROCESSORS

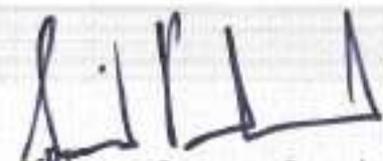
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Chennai 600 025
India
May 2017


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Vice-Chancellor

Sl.No: MJ 100643

Read by	R. Ban
Verified by	D. Devi

Anna University



Reg.No. 7079042171/RG

The Syndicate of the Anna University hereby makes known that
BALAKUMARAN 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 **2013.**

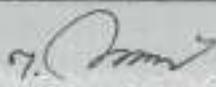
Title of the Thesis:

**MICROCALCIFICATION CLUSTER DETECTION USING MULTISCALE
PRODUCTS BASED HESSIAN MATRIX VIA THE FOVEAL AND
TSALLIS THRESHOLDING SCHEMES**

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Chennai 600 025
India
November 2013


Controller of Examinations


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Vice-Chancellor

Anna University

Reg.No. 71010522001/RG



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

ENERGY-AWARE CLUSTERING APPROACHES FOR IMPROVEMENT OF LIFETIME IN WIRELESS SENSOR NETWORKS

Given under the Seal of the University



Chennai 600 025
India
May 2017
AAR04400


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Chairman, Convener Committee
Vice-Chancellor

Anna University Chennai



Reg. No.:2002349719/RG

The Syndicate of the Anna University Chennai hereby makes known that
UMA 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 **2008**.

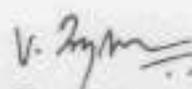
Title of the thesis:

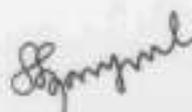
CERTAIN INVESTIGATIONS ON ENHANCED IMAGE RESTORATION TECHNIQUES USING NEURAL NETWORKS AND FUZZY LOGIC

Given under the Seal of the University



Chennai 600 025
India
December 2008


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 11110532005/RG

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

Title of the Thesis:

CONTRIBUTIONS TO 3D RECONSTRUCTION USING PASSIVE AND ACTIVE METHODS



Given under the Seal of the University

Chennai 600 025
India
March 2021


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 71110531026/RG

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

Title of the Thesis:

CERTAIN INVESTIGATIONS ON AIRCRAFT INDOOR WIRELESS COMMUNICATION



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Anna University



Reg.No. 4081042216/RG

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

Title of the Thesis:

MULTIPLE PARAMETRIC AND CATASTROPHIC FAULTS DETECTION IN LINEAR AND NONLINEAR ANALOG CIRCUITS

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India
May 2017
TUMR1204


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Anna University



Reg.No. 100910522022/RG



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

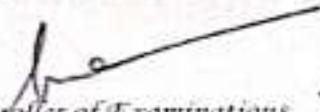
Title of the Thesis:

**CERTAIN INVESTIGATIONS ON REAL AND NON REAL TIME
HARDWARE TASKS PLACEMENT ON RECONFIGURABLE FPGAs**

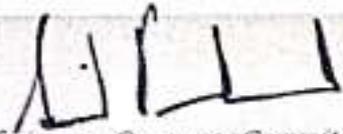
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Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Contener Committee
Vice-Chancellor



SI.No: MJ 100663

Read by	<i>D. Sai Pruthi</i>
Verified by	<i>S. Neelima S.</i>

Anna University



Reg.No. 1315369128/RG

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

**SECURITY ARCHITECTURE FOR EMBEDDED DEVICES USING
WATERMARKING AND SIDE CHANNEL ANALYSIS**

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

Anna University



Reg.No. 1422469825/RG

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

Title of the Thesis:

A DEEP LEARNING FRAMEWORK FOR EARLY DETECTION OF GLAUCOMA IN RETINAL FUNDUS IMAGES

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India
July 2022

P. Sathish
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J. Radha
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R. V. Vijay
Vice-Chancellor

Anna University Chennai



Reg. No.:2003419707/RG

The Syndicate of the Anna University Chennai hereby makes known that
KOUSALYA 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 **2008**.

Title of the thesis:

QUALITY OF SERVICE ENHANCEMENT IN WIRELESS NETWORKS

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Chennai 600 025
India
December 2008

V. Jayaram
Controller of Examinations

S. Srinivasan
Registrar

S. Srinivasan
Vice-Chancellor

RAMACHANDRA PRABHAKAR

HAS RECEIVED UPON NOMINATION OF THE FACULTY AND
BY AUTHORITY OF THE TRUSTEES OF

PURDUE UNIVERSITY

THE DEGREE OF DOCTOR OF PHILOSOPHY

IN RECOGNITION OF THE FULFILLMENT OF THE
REQUIREMENTS OF THAT DEGREE

AWARDED AT WEST LAFAYETTE IN THE STATE OF INDIANA
AUGUST 8, 1975.

Maurice P. Knorr
PRESIDENT OF THE TRUSTEES



Arthur G. Hansen
PRESIDENT OF THE FACULTY

Dr. V. SELLADURAI, M.E., Ph.D
FIE., FIEE., S.I.M (ORSI) LM (SSI)
PRINCIPAL
COMBATORE INSTITUTE OF TECHNOLOGY
COMBATORE - 641 014 INDIA

Dr.



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

பொறியியல் புலம்
FACULTY OF ENGINEERING

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,
நெடுஞ்செழியன் இரா, 2007ஆம் ஆண்டு, மே 28ஆம் நாளில் கணிப்பான் அறிவியல் மற்றும்
பொறியியல் 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 **NEDUNCHEZHIAN R**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **COMPUTER SCIENCE &**
ENGINEERING, having been certified by duly appointed Examiners to be
qualified to receive the same on **28th MAY 2007**.

Given under the Seal of the University.



கோயம்புத்தூர்

Coimbatore

நாள்

Dated: 8th February 2008

w6822

B. U.
தேர்வாளர்

Controller of Examinations

பதிவாளர்

Registrar

துணைவேந்தர்

Vice-Chancellor

Anna University



Reg. No. 09W1062203VARG

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

DEVELOPMENT OF IMPROVED ALGORITHMS FOR BIO-DATABASE REDUCTION IN PAIRWISE SEQUENCE ALIGNMENT



Given under the Seal of the University

Chennai 600 025
India
November 2014

Controller of Examinations

Registrar

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Anna University



Reg.No.11110631034/RG



The Syndicate of the Anna University hereby makes known that **SENTHILVEL A N** 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".

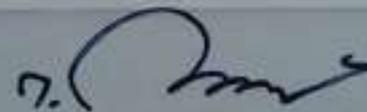
Title of the Thesis:

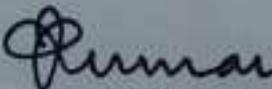
CERTAIN INVESTIGATIONS ON JOB SCHEDULING IN DUE DATE, SEQUENCE DEPENDENT FAMILY AND DATA GATHERING NETWORK PROBLEMS

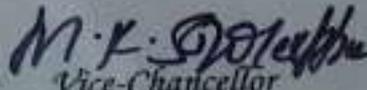
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Chennai 600025
India
December 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 4081062201 RG

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

INFORMATION THEORY BASED DATA DEPENDENCY EXTRACTION AND ITS APPLICATION IN DATA INTEGRATION



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Anna University

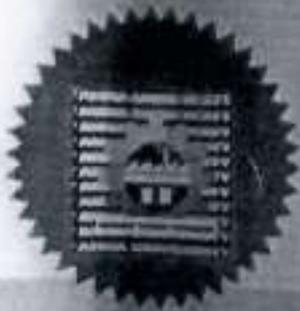


Reg.No. 4081062213/RC

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

Title of the Thesis:

DETECTION AND ELIMINATION OF BLACK HOLE ATTACKS IN MOBILE AD HOC NETWORKS



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Chennai-600 025
India
November 2014

[Signature]
Controller of Examinations

[Signature]
Registrar

[Signature]
Vice-Chancellor

Anna University



Reg.No. 1324469136/RG



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

PERFORMANCE ANALYSIS OF CROSS-LAYER SPECTRUM AWARE ROUTING PROTOCOLS FOR COGNITIVE RADIO NETWORKS



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Anna University



Reg.No. 17244691160/RG

The Syndicate of the Anna University hereby makes known that
ABIRAMI S 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:

VARIED COMPUTATIONAL INTELLIGENT TECHNIQUES FOR EARLY IDENTIFICATION AND EXPLORATION OF AUTISM SPECTRUM DISORDER IN CHILDREN

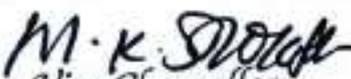
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Chennai 600 025
India
March 2021
BARBNTS


Controller of Examinations


Registrar


M. K. Dhot
Vice-Chancellor

Anna University



Reg.No. 1424469849/RG

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

Title of the Thesis:

AN EMPIRICAL ANALYSIS USING INTELLIGENT COMPUTATIONAL METHODS ON RISK FACTORS OF CERVICAL CANCER TO AID EARLY DIAGNOSIS

Given under the Seal of the University



Chennai 600 025
India
July 2022

P. Sathish
Controller of Examinations

A.M.
Registrar

R. Vijay
Vice-Chancellor



SI.No: MJ 1089102

Read by	T. Subhashini
Verified by	<i>[Handwritten Signature]</i>

Anna University



Reg.No. 16244697253/RG

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

Title of the Thesis:

EMBRACE CLOUD NATIVE PRINCIPLES AND SERVERLESS RUNTIME TO ORCHESTRATE CYBER FORAGING

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Chennai 600 025
India
July 2022
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P. Senthil Kumar
Controller of Examinations

J. R. J.
Registrar

R. V. Vijay
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Anna University



Reg.No. 1624469379/RG

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

Title of the Thesis:

ENHANCED FLIP AND ADDITIVE ROTATION PERTURBATION APPROACHES FOR PRIVACY PRESERVING DATA MINING

Given under the Seal of the University



Chennai 600 025
India
July 2022

P. Sathish
Controller of Examinations

P. R. d.
Registrar

R. V. Vijay
Vice-Chancellor

Anna University



Reg. No.1524469587/RG



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

Title of the Thesis:

DEVELOPMENT OF EFFICIENT DEEP LEARNING MODELS FOR DIABETIC RETINOPATHY CLASSIFICATION USING FUNDUS IMAGES

Given under the seal of the University



Chennai 600025
India
September 2023

P. Subramanian
Controller of Examinations

D. S. S. S.
Registrar

R. V. Vijay
Vice-Chancellor

SARANYA RUBINI S



ANNA UNIVERSITY
CHENNAI - 600 025
PROVISIONAL CERTIFICATE



Folio No.: TAR014338

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

Name : SAVEETH R
Registration Number : 16224697277
Degree : Ph.D.
Department / Centre / Subject : ELECTRONICS AND COMMUNICATION ENGINEERING
Faculty : INFORMATION AND COMMUNICATION ENGINEERING
Date, Month & Year of Viva-Voce Examination held : 17.03.2023
Title of the Thesis : CERTAIN INVESTIGATIONS ON MACHINE LEARNING TECHNIQUES FOR CRACK IDENTIFICATION IN COMPOSITE MATERIAL IMAGES



P. Sankaranarayanan
Controller of Examinations

Chennai - 600 025
Date: 06-APR-2023

Sl. No. : CR R16 101194

Read by	R. Bama
Checked by	

Anna University



Reg. No.16144697252/RC



The Syndicate of the Anna University hereby makes known that **KARTHIKEYAN 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 **2023**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".

Title of the Thesis:

AUGMENTING WEARABLE MONITORS WITH IoT - BLOCKCHAIN OVERSIGHT FOR DETECTING AND MITIGATING ERRATIC EPISODES OF DISEASE PROJECTIONS

Given under the seal of the University

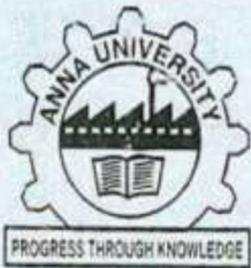


Chennai 600025
India
September 2023

P. Senthilvel
Controller of Examinations

Dr. ...
Registrar

R. V. ...
Vice-Chancellor



ANNA UNIVERSITY
CHENNAI - 600 025
PROVISIONAL CERTIFICATE



Folio No.: UAR014268

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

Name : SARANYA S
Registration Number : 17244691449
Degree : Ph.D.
Department / Centre / Subject : INFORMATION TECHNOLOGY
Faculty : INFORMATION AND COMMUNICATION
ENGINEERING
Date, Month & Year of Viva-Voce Examination held : 08.04.2024
Title of the Thesis : CERTAIN STRATEGIC OUTLIER ANALYSIS IN
SOCIAL NETWORKS USING GRAPH BASED
APPROACHES



P. Senthivel
Controller of Examinations

Chennai - 600 025
Date: 04-MAY-2024

SI. No. : CR R16 102118

Read by	R. Bame
Checked by	<u>Sulam</u>



PONDICHERRY UNIVERSITY

(A Central University)

Pondicherry

Provisional Certificate



47785

Register No: 1700106004

This is to certify that **SHARMILA DEVI S** having completed all the requirements relating to Ph.D. Degree has been declared eligible for the award of the Degree of Doctor of Philosophy in **COMPUTER SCIENCE AND ENGINEERING** with effect from **04.09.2023**.

The title of the Ph.D. Thesis is

“Coupling-Based Algorithms for Mining Region-Specific Closed Spatio-Temporal Patterns and their Impact on time Series Prediction”

The Ph.D. was awarded in compliance of the UGC (Minimum Standards and Procedure for Awards of M.Phil. /Ph.D. Degree) Regulations, 2016.

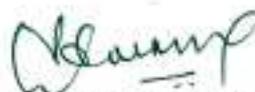


ESTABLISHED BY ACT OF
PARLIAMENT 93 OF 1985

Office Seal

Date : 30 OCT 2023




CONTROLLER OF EXAMINATIONS

Anna University Chennai

Reg. No.:2004419702/RG



The Syndicate of the Anna University Chennai hereby makes known that **KARTHIKEYAN N 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 **2009**.

Title of the thesis:

OPTIMAL RESOURCE UTILISATION IN CELLULAR NETWORKS



Given under the Seal of the University

Chennai 600 025
India
February 2010

V. Jayaram
Controller of Examinations

S. Jayaram
Registrar

S. Srinivasan
Vice-Chancellor

Anna University



Reg.No. 2007469214/RG

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

Title of the Thesis:

**IMPROVED ALGORITHMIC TECHNIQUES FOR MINING AND
PRIVACY PRESERVATION OF FREQUENT ITEMSETS**

Given under the Seal of the University



infat30

Anna University



Reg.No. 100910622024/RG

The Syndicate of the Anna University hereby makes known that
SANGEETHA 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* **2013**.

Title of the Thesis:

DEVELOPMENT OF FRONTAL RELIABILITY MODELS USING INTELLIGENT TECHNIQUES TO IMPROVE SOFTWARE QUALITY

Given under the Seal of the University



Chennai 600 025
India
November 2013


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No.11210632002/RG



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

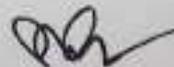
DESIGN AND DEVELOPMENT OF QoS-AWARE SECURITY MODEL FOR WEB SERVICE SELECTION AND COMMUNICATION

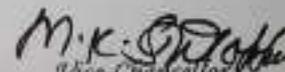
Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 1424469165/RG



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

Title of the Thesis:

INVESTIGATION OF COMPUTATIONAL ALGORITHMS FOR ENHANCING DATA CLUSTERING TECHNIQUES USING FEATURE LINKAGE WEIGHT BASED FEATURE REDUCTION

Given under the Seal of the University



Chennai 600 025
 India
 1074 3022

P. Sankaralingam
Controller of Examinations

A. U.
Registrar

R. V. Vijay
Vice-Chancellor

Anna University



Reg.No. 1524469318/RG

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

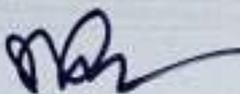
PERFORMANCE ANALYSIS OF ONTOLOGY BASED BIOMEDICAL DOCUMENT CLUSTERING ALGORITHMS TO IMPROVE REAL-TIME TELEMEDICINE SYSTEMS

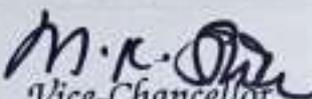


Given under the Seal of the University

Chennai 600 025
India
March 2021
BARCELON


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No.1414469104/RG

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

Title of the Thesis:

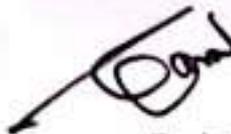
CERTAIN INVESTIGATIONS ON FILE SYSTEM SHIELD AGAINST FILE SYSTEM STELLAR

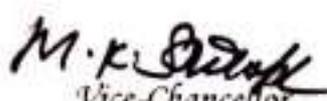
Given under the seal of the University



Chennai 600025
India
June 2015


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 1324469276/RG

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 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:

EFFICIENT CROSS DOMAIN RANKING IN INFORMATION RETRIEVAL

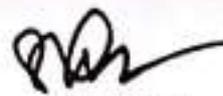
13-4-2021



Given under the Seal of the University

Chennai 600 025
India
March 2021


Controller of Examinations


Registrar


Vice-Chancellor



ANNA UNIVERSITY CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.: TAR014240

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 : RAJA SREE S

Registration Number : 1625469371

Degree : Ph.D.

Department/Centre/Subject : COMPUTER SCIENCE AND ENGINEERING

Faculty : INFORMATION AND COMMUNICATION ENGINEERING

Date, Month & Year of Viva-Voce Examination held : 29.12.2022

Title of the Thesis : PERSONALISED ASSISTANCE FOR BREAST CANCER TREATMENT FROM HIGH DIMENSIONAL GENE EXPRESSION USING HUBNESS-AWARE APPROACHES



P. Senthil

Controller of Examinations

Chennai - 600 025

Date: 06-FEB-2023



அண்ணா பல்கலைக்கழகம் கோயம்புத்தூர்
Anna University Coimbatore



Reg No. L1091072007

The Syndicate of the Anna University Coimbatore hereby makes known that
PRABHAKARAN D *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 **2011.**

Title of the thesis:

**STUDIES ON DESTRUCTION OF REFRACTORY ORGANIC
MATERIALS IN INDUSTRIAL EFFLUENTS BY
ELECTROCHEMICAL METHODS**

ANNA UNIVERSITY COIMBATORE ANNA UNIVERSITY COIMBATORE ANNA UNIVERSITY COIMBATORE ANNA UNIVERSITY COIMBATORE ANNA UNIVERSITY COIMBATORE

Given under the Seal of the University



Coimbatore 641 047
India
March 2012

Controller of Examinations

Registrar

Vice-Chancellor



UNIVERSITI SAINS MALAYSIA

This is to certify that

SIVAKUMAR VAIYAZHIPALAYAM MURUGAIYAN

was conferred the degree of

DOCTOR OF PHILOSOPHY

21 SEPTEMBER 2011

Vice-Chancellor

(Signed)

Certified Translation

For Registrar

Registrar

(Signed)

USM / F4406907 / 168 / 17 / 44 / 2011



Anna University



Reg.No.1313599706/RG

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

Title of the Thesis:

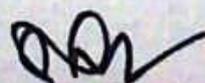
WASTEWATER TREATMENT USING ALGAE AND UTILIZATION OF GROWN BIOMASS FOR BIOETHANOL PRODUCTION

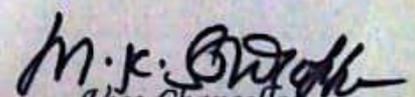
Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg. No.1414569125/RG



The Syndicate of the Anna University hereby makes known that **VIVEK JOE BHARATH A** 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 **2023**. The degree has been awarded in compliance with the "**University Grants Commission, Regulations 2009**".

Title of the Thesis:

PERFORMANCE ANALYSIS ON IMPLEMENTATION OF CERTAIN MULTIVARIATE STATISTICAL TECHNIQUES AND BAYESIAN ESTIMATION METHOD FOR FAULT DIAGNOSIS IN SHELL AND TUBE HEAT EXCHANGER

Given under the seal of the University



Chennai 600025
India
September 2023

P. Sankaranarayanan
Controller of Examinations

Dr. S. S. Sankaranarayanan
Registrar

R. V. Vijayaraj
Vice-Chancellor

H 033317



Code No. 04PEF S.No. 662578

பாரதிதாசன் பல்கலைக்கழகம்
BHARATHIDASAN UNIVERSITY

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

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஜனவரி 2012

ஆம் ஆண்டு **ரா. அசாருதீன்** என்பவர்
வேதியியல் பிரிவில் **முனைவர்** என்னும்
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி
முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக
இலச்சினைபுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes
known that **R. AZARUDEEN** 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
JANUARY 2012.

Thesis Title

"SYNTHESIS, CHARACTERIZATION, THERMAL, BIOLOGICAL AND
ION-EXCHANGE STUDIES OF TERPOLYMER LIGANDS AND THEIR
METAL COMPLEXES"



Given under the seal of the University.

திருச்சிரப்பள்ளி
Tiruchirappalli

திகதி :
Date : 09th March 2013

பதிவுகாரி ரிஜிஸ்டர்

தலைவர்/வேட்டிங்ஸ் Vice-Chancellor

ISSUED ON - 6 MAR 2013

Anna University



Reg.No.1314569104/RG



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

Title of the Thesis:

PREPARATION AND CHARACTERIZATION OF METAL DOPED OVER ZnO AND BiOCl PHOTOCATALYST FOR THE PHOTOCATALYTIC REMOVAL OF BRILLIANT GREEN DYE

SABTSE

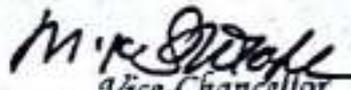
Given under the seal of the University



Chennai 600025
India
June 2018


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No.14I4569104/RG



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

Title of the Thesis:

RECOVERY OF COPPER AND LEAD FROM E-WASTE USING ELECTROCHEMICAL METHODS: OPTIMIZATION, MODELING AND CONTROL STUDIES

Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 16245697113/RG

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

Title of the Thesis:

SYNTHESIS AND CHARACTERIZATION OF BIO-NANO ADSORBENTS AND ITS ADSORPTION MODELING STUDIES FOR THE REMOVAL OF METAL IONS FROM INDUSTRIAL WASTE EFFLUENT



Given under the Seal of the University

Chennai 600 025
India
March 2021

Controller of Examinations

Registrar

Vice-Chancellor



UNIVERSITI SAINS MALAYSIA

This is to certify that

VALLIAPPAN RAMAN

was conferred the degree of

DOCTOR OF PHILOSOPHY

25 APRIL 2015

Vice Chancellor

(Signed)

Registrar

(Signed)

Certified Translation

For Registrar



भारतीय विश्वविद्यालय संघ

ASSOCIATION OF INDIAN UNIVERSITIES

AIU HOUSE, 16, Comrade Indrajit Gupta Marg, New Delhi-110 002
EPABX : 91-011 23230059 (6 lines) / FAX : 91-011- 23232131
<http://www.aiuweb.org> E-mail : evaluation@aiuweb.org

E.C. No. 016836

Date

16.12.2015

EQUIVALENCE CERTIFICATE

NAME: Mr./Ms.

VALLIAPPAN RAMAN

DEGREE/DIPLOMA

Doctor of Philosophy

AWARDING UNIVERSITY /
INSTITUTION

University Sains Malaysia
Penang, Malaysia

STATUS of the awarding
Institution

University Sains Malaysia is an accredited
University in Malaysia listed on Page 2485 of
'International Handbook of Universities - 2014'

SCORE / GRADE

As shown on the Academic Transcript

EVALUATION OF EDUCATIONAL CREDENTIALS

VALLIAPPAN RAMAN has obtained Doctor of Philosophy Degree - "Mass Detection using Enhanced Segmentation and Best Case Classifier Approach in Digital Mammogram Images" from University of Malaysia Sains Malaysia, Penang - an accredited University in Malaysia - this qualification is EQUATED with Doctor of Philosophy (Ph. D) Degree in the corresponding field of an Indian University.

(THE ORIGINAL CERTIFICATES AND SUBJECTWISE ELIGIBILITY WILL
BE VERIFIED BY THE ADMISSION GIVING UNIVERSITY/INSTITUTE)

Section Officer (Evaluation)
Association of Indian Universities
AIU House, 16, Comrade Indrajit Gupta Marg,
New Delhi-110 002
E-mail : evaluation@aiuweb.org

Joint Secretary
Association of Indian Universities
AIU House, 16, Indrajit Gupta Marg,
New Delhi-110002

Anna University

Reg.No.11110631029/RG



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

Title of the Thesis:

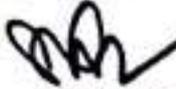
GRAPH ISOMORPHISM, NEAR-ISOMORPHISM - A STUDY FOR NETWORKS AND MOLECULAR STRUCTURES

Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg. No.17244691305/RG



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

Title of the Thesis:

**PREVENTION OF MALWARE INJECTION OVER CLOUD DATA SERVICES
IN RUN TIME ENVIRONMENT**

Given under the seal of the University



Chennai 600025
India
September 2023

P. Senthilvel
Controller of Examinations

D. Suresh
Registrar

R. V. Vignesh
Vice-Chancellor

Anna University



Reg.No.1424469723/RG



The Syndicate of the Anna University hereby makes known that **KARTHIGA 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 APPROACHES TO IMPROVE NETWORK LIFETIME IN WIRELESS SENSOR NETWORKS

Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 2006769137/RG

The Syndicate of the Anna University hereby makes known that
SAKTHI MALA 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:

EXPLOITING CROSS-LAYER FEEDBACK TO ENHANCE UP-LINK TCP PERFORMANCE FOR BEST-EFFORT APPLICATIONS IN IEEE 802.16 BWA SYSTEMS



Given under the Seal of the University

Anna University



Reg.No. 2006769145/RG

The Syndicate of the Anna University hereby makes known that
JEYARANI R *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* **2013**.

Title of the Thesis:

EVOLUTIONARY DESIGN OF POWER-AWARE META-SCHEDULER WITH COMPUTATIONAL INTELLIGENCE FOR CLOUD COMPUTING ENVIRONMENT

Given under the Seal of the University



Chennai 600 025
India
March 2013

Controller of Examinations

Registrar

Vice-Chancellor

Anna University



Reg.No. 71010622022/RG

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

Title of the Thesis:

**APPLICATION OF QUANTUM COMPUTING FOR COST REDUCTION
TECHNOLOGY USING REVERSIBLE LOGIC SYNTHESIS**

Given under the Seal of the University



Anna University



Reg.No.100910121041/RG



The Syndicate of the Anna University hereby makes known that **SARAVANAN A** 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**”.

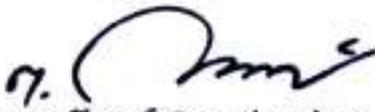
Title of the Thesis:

A TRUSTWORTHY FRAMEWORK FOR PREVENTING WEB APPLICATIONS AGAINST CRITICAL SECURITY RISKS

Given under the seal of the University



Chennai 600025
India
June 2018


Controller of Examinations
SARAVANAN A


Registrar


Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

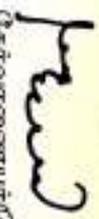
பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு.
சித்ரா அ. து. 2019 ஆம் ஆண்டு, சனவரி 19 ஆம் நாளில் கணியியான் அறிவியல்
என்னும் பரிசில் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகக் கான்ஸிளித்ததை
ஏற்று. அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலாசீனையுடன்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that CHITRA A D
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE,
having been certified by duly appointed Examiners to be qualified to receive the same on 19th JANUARY 2019.

Given under the Seal of the University.



கோயம்புத்தூர்
Coimbatore
மேலவை
நகர்


தேர்வாளர்(பொ)
Dated: 18th December 2019 Controller of Examinations i/c


திவாளர்(பொ)
Registrar(i/c)


வினாயகர்
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
ஆனந்தி தா, 2019ஆம் ஆண்டு, துலை 3ஆம் நாளில் கணிப்பான் அறிவியல்
என்னும் பிரிவில் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றிதழை
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சிணையால்
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that **ANANDHI D**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **COMPUTER SCIENCE**,
having been certified by duly appointed Examiners to be qualified to receive the same on **3rd JULY 2019**.

Given under the Seal of the University.

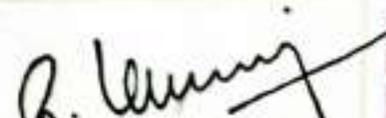


கோயம்புத்தூர்
Coimbatore
கோயம்புத்தூர்
நாள்

Dated: 18th December 2019 Controller of Examinations i/c
ISSUED ON - 3 OCT 2020


தேர்வாளர்(பொ)


பதிவாளர்(பொ)
Registrar(i/c)


துணைவேந்தர்
Vice-Chancellor



Anna University



Reg.No. 11110132028/RG

The Syndicate of the Anna University hereby makes known that ARUNA P 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".

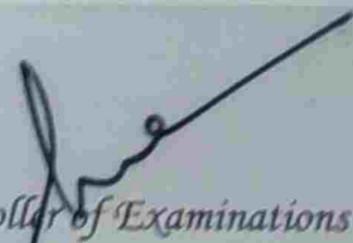
Title of the Thesis:

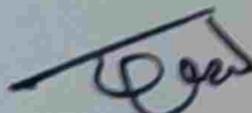
CERTAIN INVESTIGATIONS ON SWARM INTELLIGENCE BASED VIRTUAL MACHINE ALLOCATION AND CONSOLIDATION ALGORITHMS FOR EFFICIENT USAGE OF POWER AND RESOURCE IN CLOUD COMPUTING ENVIRONMENT

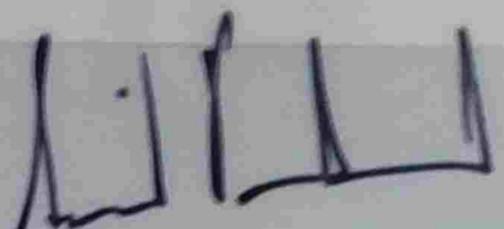
Given under the Seal of the University



Chennai 600 025
India
May 2017
U.A.A.017297


Controller of Examinations
ARUNA P


Registrar


Chairman, Convener Committee
Vice-Chancellor

Anna University



Reg.No. 71010122057/RG



The Syndicate of the Anna University hereby makes known that
UMA RANI 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:

REALIZATION OF FAULT DETECTION USING REMOTE TESTING

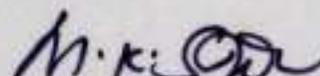


Given under the Seal of the University

Chennai 600 025
India
March 2021
BUBM1101


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 11210131028/RG

The Syndicate of the Anna University hereby makes known that
SUGUMAR T N *has been admitted to the* **DÉGREE 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".*

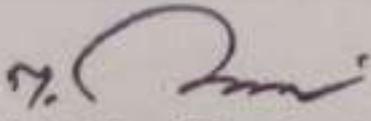
Title of the Thesis:

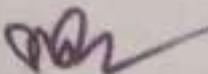
DESIGN AND ANALYSIS OF ADAPTIVE AND SECURED HYPERVISOR FOR PARALLEL EXECUTION OF HETEROGENEOUS OPERATING SYSTEMS ON A STAND ALONE MACHINE

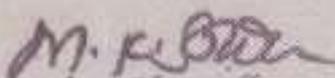
Given under the Seal of the University



Chennai 600 025
India
March 2021


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No.11110132035/RG



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

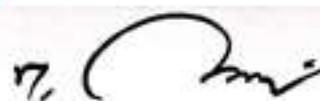
Title of the Thesis:

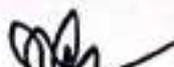
EFFECTIVE MODELING OF AGGREGATED INTRUSION DETECTION SYSTEM FOR PERFORMANCE ENHANCEMENT

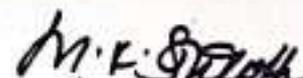
Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு கீர்த்திகா வே. 2021ஆம் ஆண்டு பிப்ரவரி 12ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that **KEERTHIKA V** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** having been certified by duly appointed Examiners to be qualified to receive the same on 12th **FEBRUARY 2021**.

Title of the Thesis : Design and Development of Algorithms to Optimize Regression Testing

Subject : **COMPUTER SCIENCE**

Given under the seal of the University



தேர்வாளர் (பொ)
Controller of Examinations i/c

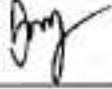
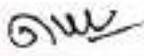
பதிவாளர் (பொ)
Registrar i/c



கொயம்புத்தூர்
Coimbatore
நாள்
Dated: 13th May 2022.
skphd1534

துணைவேந்தர்
Vice-Chancellor

A.No. 1394

Read by	
Examined by	





பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
ஸ்டேன்லி பெலிக்ஸ் கி, 2020ஆம் ஆண்டு துலை 27ல் ஆய்வியல் அறிஞர் என்னும்
பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப்
பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு
வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that
STANLY FELIX C has been admitted to the Degree of DOCTOR OF PHILOSOPHY
having been certified by duly appointed Examiners to be qualified to receive the same on
27th JULY 2020.

Title of the Thesis : Real time embedded design and development of an energy efficient
economically viable chicken EGG incubator model and its performance
analysis.

Subject : ELECTRONICS

Given under the seal of the University



தேர்வாளர் (பொ)
Controller of Examinations i/c

பதிவுகாரர் (பொ)
Registrar i/c



கொயம்புத்தூர்
Coimbatore
நகர்

Dated: 13th May 2022.
BPRD/754

புள்ளிபெருந்தர்
Vice-Chancellor

Anna University



Reg.No. 2006769148/RC1

The Syndicate of the Anna University hereby makes known that
SUGANTHI 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".

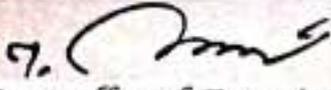
Title of the Thesis:

ADAPTABLE MIDDLEWARE MODEL FOR DYNAMIC CHANGES IN THE REQUIREMENTS



Given under the Seal of the University

Chennai 600 025
India
November 2014


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 71010122052/RG

The Syndicate of the Anna University hereby makes known that
SUDHA DEVI D *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:

DESIGN AND DEVELOPMENT OF EFFICIENT PROTOCOLS FOR ADAPTIVE MULTILEVEL SECURITY IN CLOUD DATA STORAGE USING ELLIPTIC CURVE CRYPTOGRAPHY

Given under the Seal of the University



Chennai 600 025
India
May 2017
SAR01721


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor

SI.No: MJ 101359

Read by	S. Malavishi
Verified by	C. Ray



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் படிப்பினை
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால்
பரிந்துரை செய்யப்பட்ட
2019 ஆம் ஆண்டு ஜூன் 24-ஆம்
நாள் முதல் அறிவியல் படிப்பினை
படிப்பினை வழங்கும் படிப்பினை
படிப்பினை வழங்கும் படிப்பினை
பாரதியார் பல்கலைக் கழக ஆட்சிக்குழு
பரிந்துரை செய்துள்ளது.

The Candidate of the Bharathiar University hereby informs that the **SRIVIDYA M**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **COMPUTER SCIENCE**,
having been certified by duly appointed Examiners to be qualified to receive the same on **24th JULY 2019**.

Given under the Seal of the University.



செயலாளர்
செயலாளர்
செயலாளர்

[Signature]
செயலாளர் (பி.டி.டி.)

[Signature]
பி.டி.டி. (பி.டி.டி.)
பி.டி.டி. (பி.டி.டி.)

[Signature]
பி.டி.டி. (பி.டி.டி.)
பி.டி.டி. (பி.டி.டி.)

Date: 18th December 2019
ISSUED ON - 3 OCT 2020
Controller of Examinations (C)

SL NO. 000261



Avinashilingam
Institute for Home Science and Higher Education for Women
University
(B.A. Act of UGC Act 1956)
Coimbatore - 641 043, Tamil Nadu, India

Reg. No. 11PH 36



FACULTY OF SCIENCE

The Board of Management of the *Avinashilingam Institute for Home Science and Higher Education for Women* hereby makes known that **Sujithra M** has been admitted to the Degree of **Doctor of Philosophy in Computer Science** having been certified by duly appointed Examiners to be qualified to receive the same in February, 2017.

Given under the Seal of the Institute



Coimbatore
Date : 25.01.2017

S. Kousalya
Registrar

[Signature]
Chancellor

[Signature]
Vice Chancellor

Anna University



Reg.No.71119132036/RC



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

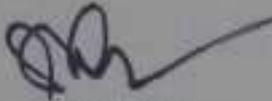
EFFICIENT AND ENHANCED BYZANTINE FAULT DETECTION AND TOLERANCE ALGORITHMS FOR CLOUD COMPUTING SERVICES

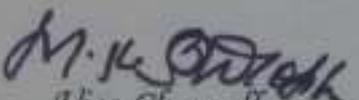
Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No. 4081012141/RG

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

Title of the Thesis:

DESIGN AND DEVELOPMENT OF ENHANCED BIOMETRICS BASED AUTHENTICATION TECHNIQUES WITH IMPROVED SECURITY AND ACCURACY

Given under the Seal of the University



Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு காயத்ரி தேவி சி. 2020ஆம் ஆண்டு மார்ச் 12ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that GAYATHRI DEVI S has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 12th MARCH 2020.

Title of the Thesis : An optimal honest based QoS enabled energy aware multicast routing with link prediction in manet

Subject : COMPUTER SCIENCE

Given under the seal of the University



தேர்வாளர் குழு
Controller of Examinations i/c

பதிவுாளர் குழு
Registrar i/c



கொயம்புத்தூர்
Coimbatore

நாள்

Dated: 13th May 2022.

20220734

துணைவேந்தர்
Vice-Chancellor

Anna University



Reg.No. 7081012258-RG

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

ASSOCIATIVE WEIGHTED FUZZY RULE MINING ON MULTIDIMENSIONAL DATA STREAMS

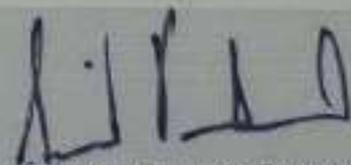
Given under the Seal of the University



Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு ராஜராஜேஸ்வரி கி, 2022ஆம் ஆண்டு ஆகஸ்ட் 26ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that RAJARAJESHWARI K has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 26th AUGUST 2022.

Title of the Thesis : An Enhanced Feature Selection and Classification Method for Multi Class Imbalanced Data

Subject : COMPUTER SCIENCE

Given under the seal of the University



N. S. S.

தேர்வாளர் (பொ)
Controller of Examinations i/c

R. W. S.

பதிவாளர் (பொ)
Registrar i/c



கொயம்புத்தூர்
Coimbatore
நாள்

Dated: 24th August 2023.
aphd0347

[Signature]
துணைவேந்தர்/நகலாக
for Vice-Chancellor

03PHD048

Sl. No.: 21001



*The Board of Management of the VIT University
hereby confers on*

KANNAMMAL A.

the degree of

Doctor of Philosophy

in recognition of the research work entitled

Scalable and Secure Agent Based Models to Enhance E-Business Environment



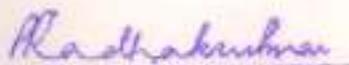
and for having fulfilled the prescribed requirements in the

School of Computing Sciences

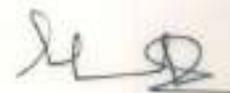
given this day the 26th of September 2007

under the seal of the University





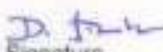
Vice-Chancellor



Chancellor

Dated 26-Sep-2007

10-15

Processed by	 Signature 20109107 Date
Read by	 Signature 80109107 Date
Verified by	 Signature 20109107 Date

Anna University



Reg.No. 100910622029/RG



The Syndicate of the Anna University hereby makes known that
YAMUNA DEVI N *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:

ENHANCING THE EFFICIENCY OF FREQUENT PATTERN MINING USING A NOVEL COMBINATION BASED ALGORITHM AND ITS PARALLELIZATION

Given under the Seal of the University



Chennai 600 025
India
January 2016


Controller of Examinations


Registrar


Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

சமூக அறிவியல் புலம்
FACULTY OF SOCIAL SCIENCES

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,
உமாராணி இரா, 2010ஆம் ஆண்டு, அக்டோபர் 18ஆம் நாளில் மேலாண்மையியல் 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 **UMARANI R**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **MANAGEMENT**,
having been certified by duly appointed Examiners to be qualified to receive the same on **18th OCTOBER 2010**.

Given under the Seal of the University.



கோயம்புத்தூர்
Coimbatore
நாள்

15.10.2010
K. G. Senthil Kumar
பதிவாளர்

Dated: 24th November 2010
பதிவாளர்
Registrar

மேலாண்மை ஆய்வாளர்
பதிவாளர்
கோயம்புத்தூர் - 641 035
Controller of Examinations

பதிவாளர்
Registrar

துணைவேந்தர்
Vice-Chancellor



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு சாவித்திரி வே, 2019ஆம் ஆண்டு டிசம்பர் 20ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that SAVITHRI V has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 20th DECEMBER 2019.

Title of the Thesis : Design and development of dynamic congestion control approach to improve the quality of voice over MANET

Subject : COMPUTER APPLICATIONS

Given under the seal of the University



தேர்வாளரை (பொ)
Controller of Examinations i/c

பதிவாளர் (பொ)
Registrar i/c



கொயம்புத்தூர்
Coimbatore
நகர்
Dated: 13th May 2022.
akphd650

துணைவேந்தர்
Vice-Chancellor

SL. NO.: 00001



Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category A by MHRD, Extd. s/c.3 of UGC Act 1956)

Recognized by UGC Under Section 12 B

Coimbatore - 641 043, Tamil Nadu, India

Roll No. 17PHCS002

FACULTY OF SCIENCE

The Board of Management of the Avinashilingam Institute for Home Science and Higher Education for Women hereby makes known that **Manju D** *has been admitted to the Degree of Doctor of Philosophy in Computer Science having been certified by duly appointed Examiners to be qualified to receive the same in March, 2021.*



Given under the Seal of the Institute

Coimbatore

Date: 19-03-2022

S. Kameswari
Registrar

A. Ananthi
Vice Chancellor

A. S. P. S.
Chancellor



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு சந்தியா ச. 2020ஆம் ஆண்டு சனவரி 24ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that CHANDIA S has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 24th JANUARY 2020.

Title of the Thesis : Redundant network overhead reduction using cuckoo path discovery and similarity based energy optimization in manet routing
Subject : COMPUTER APPLICATIONS

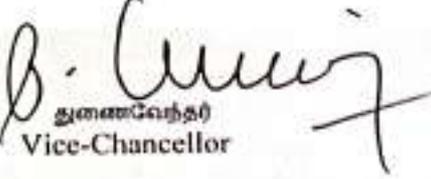
Given under the seal of the University



கொயம்புத்தூர்
Coimbatore
நாள்
Dated: 13th May 2022.
aeph054


தேர்வாளர் (பொ)
Controller of Examinations i/c


பதிவாளர் (பொ)
Registrar i/c


துணைவேந்தர்
Vice-Chancellor



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு ராதாமணி வ, 2023ஆம் ஆண்டு மார்ச் 27ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that RADHAMANI V has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 27th MARCH 2023.

Title of the Thesis : A Novel Approach for Load Balancing in Cloud Computing Environment Using RL-OPT-IRIAL

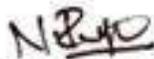
Subject : COMPUTER SCIENCE

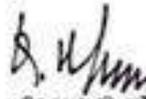
Given under the seal of the University



கொம்புத்தூர்
Coimbatore
நகரம்

Dated: 24th August 2023,
apn02704


ந. ர. ராஜு (பொ)
Controller of Examinations i/c


பதிவுரை (பொ)
Registrar i/c


புள்ளிப்பெற்றிருக்கக்
for Vice-Chancellor



பாரதியார் பல்கலைக்கழகம்

BHARATHIAR UNIVERSITY

அறிவியல் புலம்

FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு விஷு வி, 2020ஆம் ஆண்டு அக்டோபர் 15ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that VISHU V has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 15th OCTOBER 2020.

Title of the Thesis : A Predictive Enhancement to the Authentication and Search Methods by Combining Intelligence and Radio Frequency Identification

Subject : COMPUTER SCIENCE

Given under the seal of the University

தேர்வாளையர் (பொ)
Controller of Examinations i/c

பதிவாளர் (பொ)
Registrar i/c



கொயம்புத்தூர்
Coimbatore
நாள்

Dated: 13th May 2022.
akphd1456

துணைவேந்தர்
Vice-Chancellor



हैदराबाद विश्वविद्यालय University of Hyderabad

प्रमाणित किया जाता है कि

सपना पि जी

को

गणित और कंप्यूटर सूचना विज्ञान

संकाय में

शोध-प्रबंध प्रस्तुत करने एवं सभी अपेक्षाओं को

सफलतापूर्वक पूर्ण करने पर सन् 2011 में

डॉक्टर ऑफ़ फ़िलॉसफ़ी

की उपाधि प्रदान की गयी है



This is to certify that

SAPNA P G

having submitted a thesis in the

School of Maths & Computer / Info. Sci.

and having successfully completed all the requirements

has been admitted to the degree of

Doctor of Philosophy

in the year 2011

विश्वविद्यालय की मुहर के अन्धेन प्रदान
Given under the seal of the University

कुल सचिव
Registrar

कुलपति
Vice-Chancellor

Anna University



Reg.No. 100910122041/RG

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

INGENIOUS TECHNIQUES FOR SECURE AND PRIVACY PRESERVING FREQUENT ITEMSET GENERATION FOR IN-HOUSE AND OUTSOURCED DATA MINING

Given under the Seal of the University



Chennai 600 025
India
May 2017

Controller of Examinations

REGISTRAR

Chairman, Convener Committee

Vice-Chancellor

Karunya UNIVERSITY

(Karunya Institute of Technology and Sciences)
Declared as Deemed to be University under Sec. 3 of the UGC Act, 1956

KARUNYA NAGAR, COIMBATORE - 541 104, TAMILNADU, INDIA



*The Board of Management
of
Karunya University
hereby makes known that*

E CHANDRA BLESSIE
has been admitted to the Degree of
Doctor of Philosophy
in
Computer Applications
under the Faculty of Science

*having been certified by duly appointed examiners to be
qualified to receive the same in March 2015*

Title of the Thesis :

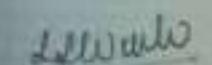
*Preprocessing techniques for continuous attributes to improve the performance of the
classifier*

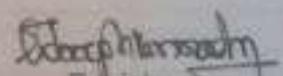


Given under the seal of the University

Dated: 1st July 2015


Chancellor


Vice Chancellor


Registrar



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
MAHALAKSHMI S B 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 **November 19, 2018** for the thesis entitled,

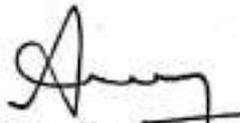
**CONTENT BASED IMAGE RETRIEVAL IN VIDEOS USING HYBRIDIZED
EVOLUTIONARY TECHNIQUE**

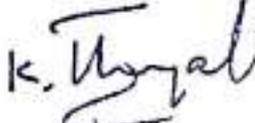
This degree is awarded in accordance with the UGC Regulations on Minimum
Standards and Procedure 2009.

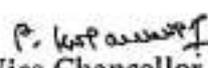


Given under the seal of the University

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


Controller of Examinations i/c


Registrar i/c


Vice-Chancellor



SL. NO.: 00036



Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category A by MHRD, Estd. u/s 3 of UGC Act 1956)
Recognised by UGC Under Section 12 B

Coimbatore - 641 043, Tamil Nadu, India.

Roll No. 17PHCSF005

FACULTY OF SCIENCE

The Board of Management of the Avinashilingam Institute for Home Science and Higher Education for Women hereby makes known

*that **Kavitha D** has been admitted to the Degree of **Doctor of Philosophy** in **Computer Science** having been certified by duly appointed Examiners to be qualified to receive the same in **November, 2021.***



Given under the Seal of the Institute

Coimbatore
Date : 19-03-2022

C. Kousalya
Registrar

Ashwathini
Vice Chancellor

[Signature]
Chancellor



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு சுவாதினீ கி. 2023ஆம் ஆண்டு பிப்ரவரி 10ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that SWATHINE K has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 10th FEBRUARY 2023.

Title of the Thesis : Requirements Coverage Analysis to Handle Inconsistencies in Software Artifacts Using Adaptive Dragonfly Optimization and Color Code Requirement Traceability Matrix

Subject : COMPUTER SCIENCE

Given under the seal of the University



N. R. S.
தேர்வாளர் (பொ)
Controller of Examinations i/c

K. W. S.
பதிவாளர் (பொ)
Registrar i/c

கொயம்புத்தூர்
Coimbatore
நாள்

Dated: 24th August 2023.

alphd0020

J. H.
துணைவேந்தருக்காக
for Vice-Chancellor

Folio :D 09698



BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

Ph.D. PROVISIONAL CERTIFICATE

This is to certify that **SWATHINE K** has qualified for
the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in
COMPUTER SCIENCE on **10/02/2023** after having
completed the requirements prescribed for the award of the Degree.



Coimbatore 641 046

Date : **02 MAY 2023**

Controller of Examinations **UC**



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
கதா இரா, 2023ஆம் ஆண்டு மார்ச் 21ல் ஆய்வியல் அறிஞர் எனும் பட்டம் பெறத்
தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப்
பல்கலைக்கழக இலச்சிளையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that
SUDHA R has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** having been
certified by duly appointed Examiners to be qualified to receive the same on **21st
MARCH 2023**.

Title of the Thesis : Development of Machine Learning Algorithm for the Prediction of Yarn
Quality in the Textile Industries Using Image Processing and Neural Network

Subject : **COMPUTER SCIENCE**

Given under the seal of the University



கொயம்பத்தூர்
Coimbatore
நாள்

Dated: 24th August 2023.
alph0692

N. S. S.
தேர்வாளர் (புலம்)
Controller of Examinations i/c

K. M. S.
பதிவாளர் (புலம்)
Registrar i/c

J. M.
துணைவேந்தருக்காக
for Vice-Chancellor



SL. NO.: 09064



Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category A by MHRD, EARL, on 2 of UGC Act 1956)

Recognized by UGC Under Section 12B

Coimbatore - 641 043, Tamil Nadu, India.

Roll No. 17PBCSP994

FACULTY OF SCIENCE

The Board of Management of the Avinashilingam Institute for Home Science and Higher Education for Women hereby makes known

*that **Vanitha N** has been admitted to the Degree of **Doctor of Philosophy** in **Computer Science** having been certified by duly appointed Examiners to be qualified to receive the same in **March, 2022.***

Given under the Seal of the Institute

Coimbatore

Date: 19-03-2022

S. Kousalya
Registrar

A. Narasimhan
Vice Chancellor

A. K. S.
Chancellor

Register No : 11JLDRPCS011

Folio No : 00806



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 KAMATCHLA

has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** in **COMPUTER SCIENCE**

under the **FACULTY OF SCIENCE**

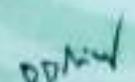
having been certified by the duly appointed examiners to be qualified to receive the same on 29th August 2016

Coimbatore

Dated : 12.11.2016



THE SEAL OF UNIVERSITY


CONTROLLER OF EXAMINATIONS


REGISTRAR


VICE-CHANCELLOR





பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE



பாரதியார் பல்கலைக் கழகத்தால் முறைபாக அமைக்கப்பட்ட தேர்வாளர் குழு, சோமசுந்தரம் இரா க, 2014ஆம் ஆண்டு, செப்டம்பர் 8ஆம் நாளில் கணிப்பான் அறிவியல் எண்ணம் மீறியில் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றிதழை எழுது அலகுக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சினைபடம், பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that SOMASUNDARAM R S has been admitted to the Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE, having been certified by duly appointed Examiners to be qualified to receive the same on 8th SEPTEMBER 2014.



A058605

Given under the Seal of the University.



கேள்யபுத்தூர்

Coimbatore
கேள்யபு
தூர்

Dated: 22nd December 2014 Controller of Examinations (C)

தேர்வாளர் (C)

பதிவாளர்

Registrar

தலைவரேற்றர்

Vice-Chancellor

Anna University



Reg.No. 2006769146/RG

The Syndicate of the Anna University hereby makes known that
JONA J 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* **2013**.

Title of the Thesis:

NATURE-INSPIRED HYBRID METAHEURISTIC TECHNIQUES FOR FEATURE SELECTION IN DIGITAL MAMMOGRAPHY

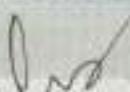
Given under the Seal of the University



Chennai 600 025
India
November 2013


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg.No.71010122049/RG



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

Title of the Thesis:

COMPRESSION OF DICOM FILE USING UNIFORM SPATIAL PATTERN RUN LENGTH ENCODING

Given under the seal of the University



Chennai 600025
India
June 2018
PANDITHI


Controller of Examinations
SINAPPI S


Registrar


Vice-Chancellor
SARASWATHI ANANDHARAJAN

Anna University



Reg.No. 11110132044/RG

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

**ENHANCEMENT OF REMOTE DATA POSSESSION CHECKING
PROTOCOL FOR EFFICIENT CLOUD DATA INTEGRITY
VERIFICATION**



Given under the Seal of the University

Chennai 600 025
India
March 2021

Controller of Examinations

Registrar

Vice-Chancellor

Anna University



Reg.No. 11110131028/RG

The Syndicate of the Anna University hereby makes known that
ASHOK KUMAR R *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:

FUZZIFICATION OF HUMANOID ROBOTIC SYSTEM BY QUANTIZATION IN NON MONOTONE NEURAL SCHEMA

Given under the Seal of the University



Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்

Bharathiar University

பொறியியல் புலம்

FACULTY OF ENGINEERING

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு.
செல்லதுரை வே, அக்டோபர் 1994 ஆம் ஆண்டில் இயந்திரப் பொறியியல் 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 SELLADURAI V has been admitted to the Degree of DOCTOR OF PHILOSOPHY in MECHANICAL ENGINEERING, having been certified by duly appointed Examiners to be qualified to receive the same in OCTOBER 1994.

Given under the Seal of the University.



கோயம்புத்தூர்

Coimbatore

நாள்

Dated: 5 SEP 1995

67044

[Signature]
பதிவாளர்

Registrar

[Signature]

துணைவேந்தர்

Vice-Chancellor



By the authority granted to the Senate, under the Constitution
of the University

JOHN RUDOLPH RAJ A/L RICHARD ISREAL

has this day been admitted to the degree of

DOCTOR OF PHILOSOPHY

15 June 2015



Academic Registrar



President



பாரதியார் பல்கலைக் கழகம் Bharathiar University

சமூக அறிவியல் புலம்
FACULTY OF SOCIAL SCIENCES

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு செந்தில் மு. 2000 ஆம் ஆண்டு, சனவரி 31 ஆம் தारीல் மேலாண்மைக்கியல் என்றும் பிரிவில் ஆய்வியல் அறிஞர் என்றும் பட்டம் பெற தகுதியடைந்திருப்பதாக சான்றிதழை ஏற்ற அலகுக்கு அந்தப் பட்டத்தைப் பரிசீலனை ஆக இலாசியலாசா.அ. பாரதியார் பல்கலைக் கழக ஆட்சிக்குழு வழங்கியிருந்து

The Syndicate of the Bharathiar University hereby makes known that **SENTHIL M** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **MANAGEMENT**, having been certified by duly appointed Examiners to be qualified to receive the same on **31st JANUARY 2000**.

Given under the Seal of the University.



சென்னைத்தலைநகர்

Coimbatore

சுயர்

Dated: 5th October 2000

mm

[Signature]

புரவரர்

Registrar

[Signature]

சென்னைத்தலைநகர்

Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

சமூக அறிவியல் புலம்
FACULTY OF SOCIAL SCIENCES



பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
ஜெயந்தி ரா, 2014ஆம் ஆண்டு, ஏப்ரல் 16ஆம் நாடில் மேலாண்மையியல் 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 **JAYANTHI R**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **MANAGEMENT**,
having been certified by duly appointed Examiners to be qualified to receive the same on **16th APRIL 2014**.



கோயம்புத்தூர்

Coimbatore

641 322

நாள்

Dated: 22nd December 2014 Controller of Examinations i/c

Given under the Seal of the University.



தேர்வாளர்(பொ)

பதிவாளர்

Registrar

ஆணைப்பேந்தர்

Vice-Chancellor

A058765



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

சமூக அறிவியல் புலம்
FACULTY OF SOCIAL SCIENCES

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,
சுதா அ ரூ, 2011ஆம் ஆண்டு, ஏப்ரல் 9ஆம் நாளில் மேலாண்மையியல் 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 **SUDHA A G**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **MANAGEMENT**,
having been certified by duly appointed Examiners to be qualified to receive the same on **9th APRIL 2011**.



கோயம்புத்தூர்
Coimbatore
நாள்

Dated: 24th November 2011 Controller of Examinations

Given under the Seal of the University.



K. G. Senthilraj
தேர்வாளனையர்


பதிவாளர்
Registrar


துணைவேந்தர்
Vice-Chancellor



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
வணிகவியல் புலம்
FACULTY OF COMMERCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு கோகுல் குமார் செ, 2021ஆம் ஆண்டு சனவரி 22ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது

The Syndicate of the Bharathiar University hereby makes known that GOKUL KUMAR S has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 22nd JANUARY 2021.

Title of the Thesis : A Study on the Non-Performing Assets of Selected Public and Private Sector Banks in India

Subject : COMMERCE

Given under the seal of the University



தேர்வுகணியர் (பொ)

Controller of Examinations i/c

திருவிளக்கு (பொ)

Registrar i/c



கொயம்புத்தூர்
Coimbatore
நாள்

Dated 13th May 2022

akpht205

துணைவேந்தர்
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

சமூக அறிவியல் புவம்
FACULTY OF SOCIAL SCIENCES

பாரதியார் பல்கலைக் கழகத்தால்
திலகா சி. 2017 ஆம் ஆண்டு மே 9 ஆம் திகதி மேலாண்மையியல்
ஆய்வியல் அறிஞர் எனவும் மட்டும் பெறக் தகுதியை இழந்துள்ள
பாரதியார் பல்கலைக் கழக ஆட்சிக்குழு அங்கீகரிக்கப்பட்டது

The Syndicate of the Bharathiar University hereby makes known that **THILAGA S**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **MANAGEMENT**,
having been certified by duly appointed Examiners to be qualified to receive the same on **9th MAY 2017**.



கொழும்புத்தி
Coimbatore
617 019

Given under the Seal of the University.

[Signature]
பேரறிஞர் அறிஞர்



[Signature]
பதிவாளர் (வகை)
Registrar (i/c)

[Signature]
தலைவர் இயக்குநர்
Vice-Chancellor

Dated: 14th November 2017 Controller of Examinations



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
சமூக அறிவியல் புலம்
FACULTY OF SOCIAL SCIENCES

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு சத்யப் பிரியா த. 2020ஆம் ஆண்டு துலை 16ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that SATHYA PRIYA 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 on 16th JULY 2020.

Title of the Thesis : A study on the impact of job satisfaction of workers on their organisational performance with special reference to SA8000 certified companies in Tirupur apparel cluster

Subject : MANAGEMENT

Given under the seal of the University

தேர்வாளர் (பொ)
Controller of Examinations i/c

பதிவாளர் (பொ)
Registrar i/c



கோயம்புத்தூர்
Coimbatore
நாள்
Dated: 13th May 2022.
skphd1718

துணைவேந்தர்
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

சமூக அறிவியல் புலம்
FACULTY OF SOCIAL SCIENCES

பாரதியார் பல்கலைக் கழகத்தால் முறைபாக அமைக்கப்பட்ட தேர்வாளர் குழு,
தீபா ஜே, 2017 ஆம் ஆண்டு, மே 9 ஆம் நாளில் மேலாண்மையியல் 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 DEEPA J
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in MANAGEMENT,
having been certified by duly appointed Examiners to be qualified to receive the same on 9th MAY 2017.

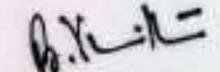
Given under the Seal of the University.

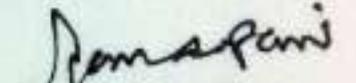


கோயம்புத்தூர்
Coimbatore
610000
நாள்


தேர்வாளர்

Dated: 14th November 2017 Controller of Examinations


பதிவாளர்(பொ)
Registrar(i/c)


துணைவேந்தர்
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
நாகவேணி நா, 2000ஆம் ஆண்டு, ஏப்ரல் 20ஆம் நாளில் கணிதவியல் என்னும் பிரிவில்
ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக ஆட்சிக்குழு இலச்சினைபுடன்,
பாரதியார் பல்கலைக் கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that NAGAVENI N
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 20th APRIL 2000.

Given under the Seal of the University.



கொயம்புத்தூர்

Coimbatore

நாள்

Dated: 5th October 2000

2000

பதிவாளர்
Registrar

கண்காணிப்பாளர்
Vice-Chancellor

Anna University



Reg. No.:2003749109/RG

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

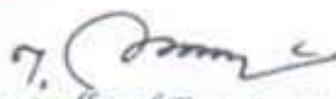
Title of the thesis:

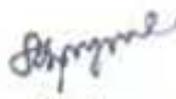
NUMERICAL ANALYSIS OF MAGNETOCONVECTION IN SQUARE ENCLOSURES WITH DIFFERENTIALLY THERMALLY ACTIVE VERTICAL WALLS

Given under the Seal of the University



Chennai 600 025
India
January 2012


Controller of Examinations


Registrar


Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு.
லாவண்யா ரா, 2009 ஆம் ஆண்டு, ஆகஸ்ட் 7 ஆம் நாளில் கணிதவியல் 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 **LAVANYA R**
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 **7th AUGUST 2009**.

Given under the Seal of the University.



கோயம்புத்தூர்
Coimbatore
நாள்

B.K.
தேர்வாளனையர்

Pom
பதிவாளர்

V.V.
துணைவேந்தர்

Dated: 24th November 2009
y02134

Controller of Examinations

Registrar

Vice-Chancellor

Anna University



Reg.No. 2010150101/RO

The Syndicate of the Anna University hereby makes known that
GANESAMOORTHY 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 **2013**.

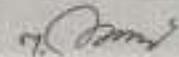
Title of the Thesis:

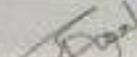
A STUDY OF MONOPHONIC NUMBER AND ITS VARIANTS

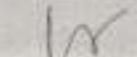
Given under the Seal of the University



Chennai 600 025
India
November 2013


Controller of Examinations


Registrar


Vice-Chancellor



Code No. 00900 S.No. 868888

பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

Re-accredited with 'A' Grade by NAAC

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

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஜூலை 2015

ஆம் ஆண்டு ரா. பிரபாகரன் என்பவர்
கணிதவியல் 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 **R. PRABAKARAN** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY**, in the subject **MATHEMATICS**, having been certified by duly appointed Examiners to be qualified to receive the same in **JULY 2015**.

Thesis Title

"A STUDY ON EXISTENCE AND CONTROLLABILITY OF QUASILINEAR
IMPULSIVE INTEGRODIFFERENTIAL SYSTEMS IN BANACH SPACE"

Given under the seal of the University.



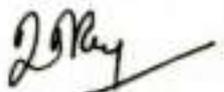
திருச்சிரப்பள்ளி
Tiruchirappalli

05th November 2015

நாள் :
Date :

ISSUED ON : 05-11-2015


பதிவாளர் Registrar


கூலையாளர் Vice-Chancellor

J 033240





Reg.No. 4081012104/RG



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

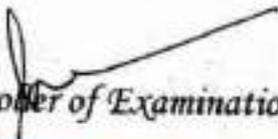
Title of the Thesis:

CONTRIBUTIONS TO SPECIAL PURPOSE MARKOVIAN QUEUEING SYSTEM AND ITS APPLICATIONS IN QUALITY CONTROL

Given under the Seal of the University

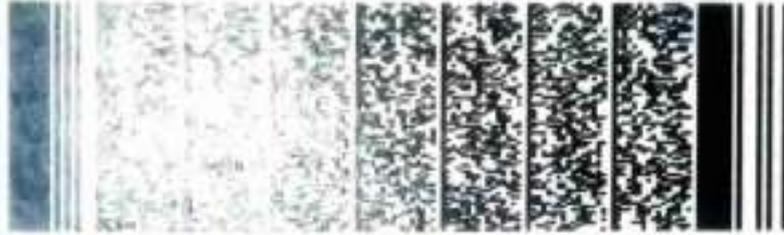


Chennai 600 025
India
January 2016


Controller of Examinations


Registrar


Vice-Chancellor



Sl. No. 249747

Read by	<i>D. S. Kh</i>
Verified by	<i>R. Iyl</i>

SL NO.: 000026



Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

*Recognized by UGC Under Section 12.B
Coimbatore - 641 043, Tamil Nadu, India*

Roll No. 12PHMAP001

FACULTY OF SCIENCE

*The Board of Management of the Avinashilingam Institute for Home
Science and Higher Education for Women hereby makes known*

*that **Jayasri S** 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 in September, 2017.*

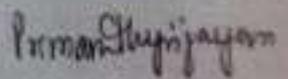


Given under the Seal of the Institute

Coimbatore
Date : 07-01-2018


Chancellor


Registrar


Vice Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University



அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு.
டயானா மேரி செ, 2014ஆம் ஆண்டு, நவம்பர் 17ஆம் திகதியில் கணிதவியல் என்றும் பிரிவில்
ஆய்வியல் அறிஞர் என்றும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்தவர
என்று அவருக்கு அந்தப் பட்டத்தைப் பங்களிவுக் கழக இயக்குனரேயுடன்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that **DAYANA MARY S**
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 **17th NOVEMBER 2014**.



A058467

Given under the Seal of the University.



கொயம்புத்தூர்

Coimbatore

கொயம்புத்தூர்

Dated: 22nd December 2014 Controller of Examinations /c

SRM
தேர்வாளர் (பொ)

Prayanarayana
பதிவாளர்

Registrar

Joe
கொயம்புத்தூர்

Vice-Chancellor

SL NO.: 000145



Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

Recognised by UGC Under Section 12 B

Coimbatore - 641 043, Tamil Nadu, India

Roll No. 13PHMAP002

FACULTY OF SCIENCE

The Board of Management of the Avinashilingam Institute for Home Science and Higher Education for Women hereby makes known

that **Sangeethamani S** 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 in **August, 2020.**



Given under the Seal of the Institute

Coimbatore

Date 22-01-2021

Chancellor

Registrar

Vice Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
வீபா தே. 2019ஆம் ஆண்டு நவீ 14ஆம் தாமிய கணிதவியல் மன்றம் பி.ஃபி.ம்
ஆய்வியல் அறிஞர் எண்ணம் ம.ப.ம் பெருத் தந்திரியம் திருமாதராக் சான்றிதகை
உறு. அயருக்கு அதர் மட்டதகைப் பங்கமைக் கழக இலச்சிமைமடவ்.
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகிறது.

The Syndicate of the Bharathiar University hereby makes known that SHEEBA D
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 14th JUNE 2019.

Given under the Seal of the University.



கொயம்புத்தூர்
Coimbatore
பி.ஃபி.ம்
பி.ஃபி.ம்

Dated: 18th December 2019 Controller of Examinations (ic)
ISSUED ON - 3 OCT 2020

பி.ஃபி.ம் (பி.ஃபி.ம்)



பி.ஃபி.ம் (பி.ஃபி.ம்)
Registrar (ic)

பி.ஃபி.ம்
Vice-Chancellor

Anna University



Reg. No.1624769187/RG



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

Title of the Thesis:

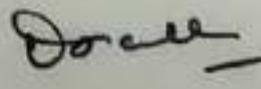
OUTER CONNECTED GEODETIC SETS AND RELATED PARAMETERS IN GRAPHS

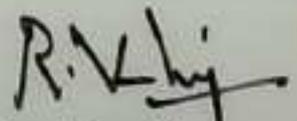
Given under the seal of the University



Chennai 600025
India
September 2023


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



Reg. No.17137697180/RG



The Syndicate of the Anna University hereby makes known that **MURUGAN 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 **2023**. The degree has been awarded in compliance with the **"University Grants Commission, Regulations 2016"**.

Title of the Thesis:

TOTAL MONOPHONIC SETS AND RELATED PARAMETERS IN GRAPHS

Given under the seal of the University

8024-101



Chennai 600025
India
September 2023
10/2023

P. Senthilvel
Controller of Examinations

D. S. S.
Registrar

R. V. Vijay
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
முத்துகுமாரசாமி ந. / 2006 ஆம் ஆண்டு, அக்டோபர் 28 ஆம் நாளில் இயற்பியல் என்றும் பிரிவில்
ஆய்வியல் அறிஞர் என்றும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இயக்குனரடவர்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

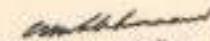
The Syndicate of the Bharathiar University hereby makes known that MUTHUKUMARASAMY N
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in PHYSICS,
having been certified by duly appointed Examiners to be qualified to receive the same on 28th OCTOBER 2006.

Given under the Seal of the University.



கோயம்புத்தூர்
Coimbatore
நகர்

Dated: 22nd January 2007
v1008

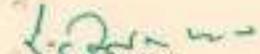

தேர்வாளர் (செயர்)

Controller of Examinations i/c




பதிவாளர்

Registrar


அமைச்சேந்தர்

Vice-Chancellor

C No 096461

Reg. No. 05PH 08



AVINASHILINGAM UNIVERSITY FOR WOMEN

(Established under section 3 of the UGC Act 1956 Vide Notification No. F-9-2064-U-3 dated 0th June 1988 of the Government of India)

COIMBATORE - 43

FACULTY OF SCIENCE

The Syndicate of the Avinashilingam University for Women hereby makes known that

THILAGAVATHY, K.

*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, in **JUNE 2009***



Given under the Seal of the University.

Dowri Ramabai
Registrar

Date : 15.10.2009

T.K. Suman
CHANCELLOR

Sajja P. Lakshmi
Vice Chancellor

Reg. No. 05PH 09



AVINASHILINGAM UNIVERSITY FOR WOMEN

(Established under section 3 of the UGC Act 1956 vide Notification No. F-8253-1-2 dated 8th June 1993 of the Government of India)

COIMBATORE - 43

FACULTY OF SCIENCE

The Syndicate of the Avinashilingam University for Women hereby makes known that

VASANTHA, S.

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, in **JUNE 2009**



Given under the Seal of the University.

[Signature]
Registrar

Date : 15.10.2009

[Signature]
CHANCELLOR

[Signature]
Vice Chancellor

Anna University Chennai



Reg. No: 2004/W9/UG/BC

The Syndicate of the Anna University hereby makes known that
VENKATACHALAM T *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 **2008**.

Title of the thesis:

**A STUDY OF HOT WALL EVAPORATION SYSTEM AND
CHARACTERIZATION OF CdTe AND CdSn₃Te₄ THIN FILMS**

Given under the Seal of the University



Chennai 600 025
India
December 2008

V. Jayaram
Controller of Examinations

Srinivasan
Registrar

Prasanna
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அனுமதிக்கப்பட்ட பிதர்வாசர் சிறு
அகிலன் ச. 2007 ஆம் ஆண்டு, மார்ச் 7 ஆம் திகதி இயற்பியல் எண்ணம் பரிசீலி:
ஆய்நிபயல் அறிஞர் எண்ணம் பட்டம் பெறத் தகுதியடைந்திருப்பதாக அமல்முறிதகை
வியு அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக வழங்கியுள்ளது.
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்கியுள்ளது.

The Syndicate of the Bharathiar University hereby makes known that **AGILAN S**
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 **7th MARCH 2007**.

Given under the Seal of the University.



கொயம்புத்தூர்
Coimbatore

திகதி:

Dated: 8th February 2008 Controller of Examinations

சைல்

B. U.
சென்னை

B. U.
சென்னை

பதிவாளர்
Registrar

B. U.
சென்னை

குடிநிலை-காந்தியார்
Vice-Chancellor

C N° 130834



புலியூர் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் பி.டி
FACULTY OF SCIENCE

புலியூர் பல்கலைக் கழகம்
Bharathiar University
2019 ஆம் ஆண்டு ஜூன் 17 ஆம் திகதி
புலியூர் பல்கலைக் கழகம்
அறிவியல் பி.டி பட்டம்
பெறும் பட்டப்படிப்பை
முடித்துள்ளார்
புலியூர் பல்கலைக் கழகம்
புலியூர் பல்கலைக் கழகம்

The Graduate of the Bharathiar University Arudy name (name) **VENNELA A B**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **PHYSICS**,
having been satisfied by duly appointed Examiners to be qualified to receive the same on **17th JULY 2019**.

Given under the Seal of the University.



செயலாளர்
Coordinator
Date

Date: 18th December 2018, Controller of Examinations (C)

[Signature]
Sahayamma (C)

[Signature]
Registrar (C)

[Signature]
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
யோகானந்த கோபி, 2010ஆம் ஆண்டு ஏப்ரல் 23ஆம் தாளில் இயற்றியல் என்றும் பிரிவில்
ஆய்வியல் அறிஞர் என்றும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகக் சான்றளித்ததை
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக ஆயுத இலச்சினைபட்டம்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby informs that YOGANAND C P
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 23rd APRIL 2010.

Given under the Seal of the University



K. G. Senthil Kumar
கே.ஜி.செந்தில்குமார்

Controller of Examinations

பதிவாளர்
Registrar

வி.சு.செந்தில்குமார்
V. S. Senthil Kumar
Vice-Chancellor



கொயம்புத்தூர்
Coimbatore
பிரிவு
Branch

Dated: 15th July 2010

C No 246274

नमूना 06/9460
Enrollment No.

जय नारायण व्यास विश्वविद्यालय जोधपुर

(पूर्व जोधपुर विश्वविद्यालय)

प्रमाणित किया जाता है कि
सुरेश पी

पुत्र/पुत्री श्रीमती कृष्णावैनी पी.
एवं श्री पण्णुसामी के.

ने इस विश्वविद्यालय से 2009 में

डॉक्टर ऑफ फिलॉसॉफी

भौतिक विज्ञान

की उपाधि प्राप्त की

शोध-प्रबन्ध का विषय निम्नलिखित था
INVESTIGATION OF PHOTOVOLTAIC
DEVICES BASED ON HYBRID INORGANIC
-ORGANIC BLENDS

JAI NARAIN VYAS UNIVERSITY JODHPUR

(EARLYTIME UNIVERSITY OF JODHPUR)

This is to certify that

SURESH P.

Son/Daughter of Smt. KRISHNAVENI P.

and Shri. PANNUSAMY K.

obtained the degree of

DOCTOR OF PHILOSOPHY

PHYSICS

of this University in 2009

The topic of his/her research was

INVESTIGATION OF PHOTOVOLTAIC
DEVICES BASED ON HYBRID INORGANIC
-ORGANIC BLENDS

Vice-Chancellor

सह-कायस्थ

Conferred by Senate on



संख्यांक 06/09332
Enrolment No.

जय नारायण व्यास विश्वविद्यालय जोधपुर

(पूर्व जोधपुर विश्वविद्यालय)

प्रमाणित किया जाता है कि

बालराजू पी.

पुत्र/पुत्री श्रीमती अरकानी

एवं श्री पलानीसामी

ने इस विश्वविद्यालय से 2009 में

डॉक्टर ऑफ फिलॉसॉफी

भौतिक विज्ञान

की उपाधि प्राप्त की

शोध-प्रबन्ध का विषय निम्नलिखित था

ELECTRICAL AND PHOTOVOLTAIC

PROPERTIES OF ORGANIC BULK HETERO-

JUNCTIONS

JAI NARAIN VYAS UNIVERSITY JODHPUR

(ERSTWHILE UNIVERSITY OF JODHPUR)

This is to certify that

BALRAJU P.

Son/Daughter of Smt. ARUKANI

and Shri. PALANISAMY

obtained the degree of

DOCTOR OF PHILOSOPHY

PHYSICS

of this University in 2009

The topic of his/her research was

ELECTRICAL AND PHOTOVOLTAIC

PROPERTIES OF ORGANIC BULK HETERO-

JUNCTIONS

Vice-Chancellor

वाइस-चान्सेलर

Conferred by Senate on 17 MAR 2010



Handwritten signature



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் படிப்பினை
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தின் முடிவுரை அறிவிப்பின்படி
சந்திரகமலம் சி. 2018 ஆம் ஆண்டு மார்ச் 26 ஆம் திகதி
மதுரை பல்கலைக் கழகம் அறிவிக்கப்பட்டிருக்கின்ற சந்திரகமலம் சி.
பாரதியார் பல்கலைக் கழக ஆட்சிக்குழு உறுப்பினராக

The Syndicate of the Bharathiar University hereby notes that **SANJEEVKUMAR R**
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 **26th MARCH 2018**.



Given under the Seal of the University



மாண்புமிகு
கொடுப்பாளர்
மதுரை
Date: 26th February 2018

[Signature]
S. Srinivasan (SVC)
Controller of Examinations in

[Signature]
S. Srinivasan (SVC)
Registrar (C)

[Signature]
S. Srinivasan (SVC)
for Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முடிவான அமைக்கப்பட்ட தேர்வாளர் குழு
வீஜய் ம, 2010ஆம் ஆண்டு, பிப்ரவரி 18ஆம் தாள் இயற்றியல் சங்கீதம் பிளீஸ்
ஆய்வியல் அறிஞர் எல்லாம் பட்டம் பெற்ற நடுநிலைப்பள்ளிகள் எம்ப்ளீக்கை
எல்லா அலுவலர் அகல் பட்டத்தை பண்ணை ஆள் இயற்றியல்,
பாரதியார் பல்கலைக் கழக ஆட்சிக்குழு வழங்கினது

The Syndicate of the Bharathiar University hereby notes that VIJAY 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 18th FEBRUARY 2010.



சென்னை
Coimbatore
Date: 15th July 2010

Given under the Seal of the University.



K. G. Senthirapane
Controller of Examinations

Registrar

Vice-Chancellor

C No 246273

Anna University



Reg.No. 11110131027/RG

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

PREPARATION AND CHARACTERIZATION OF CZTS NANOPARTICLES AND NANOCRYSTALLINE CZTS THIN FILMS FOR SOLAR CELL APPLICATION

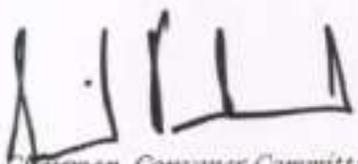
Given under the Seal of the University



Chennai 600 025
India
May 2017


Controller of Examinations


Registrar


Chairman, Convener Committee
Vice-Chancellor

Anna University



Reg.No.11110132025/RIG



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

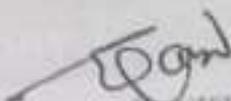
STUDIES ON THE INHIBITION OF CORROSION OF COPPER BY CERTAIN FLUOROQUINOLONES IN ACID MEDIA

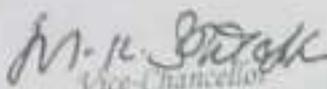
Given under the seal of the University



Control No. 600025
Date: June 2018


Controller of Examinations


Registrar


Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,
ஹேமலதா கு வே, 2008ஆம் ஆண்டு, செப்டம்பர் 20ஆம் நாளில் தாவர வேதியியல் 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 **HEMALATHA K V**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **PLANT CHEMISTRY**,
having been certified by duly appointed Examiners to be qualified to receive the same on **20th SEPTEMBER 2008**.

Given under the Seal of the University.



கோயம்புத்தூர்

Coimbatore

நாள்

Dated: **9th APRIL 2009**

x88276

Controller of Examinations

B.V.
தேர்வாளர்

P. S. S. S. S.
பதிவாளர்(பொ)

Registrar i/c

Registrar i/c

S. S. S. S. S.
துணைவேந்தர்

Vice-Chancellor

C No 171361

Regn: I089027



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान कोलकाता
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH KOLKATA

*The Board of Governors,
upon recommendation of the Senate, hereby confers on*

SYED JAFFER S

the Degree of

Doctor of Philosophy

in the year 2011 for the thesis entitled

**Formation, morphology, photoexcited state phenomena and applications of
cyclodextrin nanoaggregates.**

as hereby fulfilled the prescribed requirements.

Chairman
BOARD OF GOVERNORS

Registrar

Chairman
SENATE

Date: July 06, 2013

Place: Kolkata

Anna University



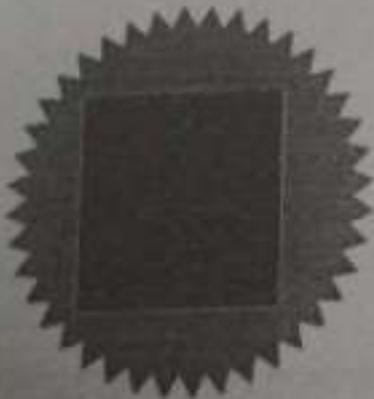
Reg.No. 71010122024/107

The Syndicate of the Anna University hereby makes known that RUPA P 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".

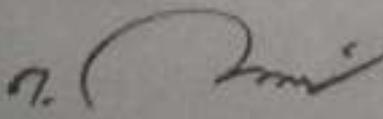
Title of the Thesis

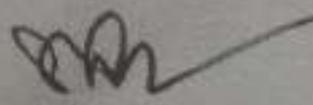
STUDIES ON AIR POLLUTION TOLERANCE INDEX OF PLANTS AROUND DIFFERENT INDUSTRIAL AREAS IN COIMBATORE

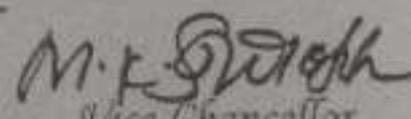
Given under the seal of the University



Chennai 600025
India
December 2019


Controller of Examinations


Registrar


Vice-Chancellor

Anna University



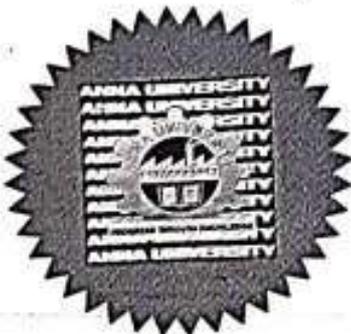
Reg.No. 11210132022/RG

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

A STUDY OF SILVER, ZINC OXIDE AND TITANIUM DIOXIDE NANOPARTICLES FOR BIOLOGICAL APPLICATIONS

Given under the Seal of the University



Anna University



Reg.No.1424760706/REG

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

Title of the Thesis:

SYNTHESIS, CHARACTERIZATION OF HAP, Mg-HAP AND Zn-HAP NANOPARTICLES AND THEIR COATINGS ON 316L SS AND TITANIUM ALLOY FOR BIOMEDICAL APPLICATION

Given under the seal of the University



Chennai 600025
India

December 2019

M. C. Suresh
Controller of Examinations

S. J. S.
Registrar

M. K. D. Prasad
Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

கலையியல் புலம்
FACULTY OF ARTS

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,
சாந்தி ப, 2010ஆம் ஆண்டு, டிசம்பர் 14ஆம் திகதி, ஆங்கிலம் என்றும் பிரிவில்
ஆய்வியல் அறிஞர் எனவும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக சபை இலச்சினைபுடனும்,
பாரதியார் பல்கலைக் கழக ஆட்சிக்குழு வழங்குகிறது.

The Syndicate of the Bharathiar University hereby makes known that **SANTHI P**
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **ENGLISH**,
having been certified by duly appointed Examiners to be qualified to receive the same on **14th DECEMBER 2010**.



கேள்விகள்
Coimbatore
கழகம்

Dated: 24th November 2011. Controller of Examinations

Given under the Seal of the University.



K. G. Senthil
தேர்வாளர்

பதிவுரை
Registrar

கேள்விகள்
Vice-Chancellor

SL.NO. 000034



Avinashilingam

Institute for Home Science and Higher Education for Women

University

(Estd. u/s 3 of UGC Act 1956)

Coimbatore - 641 043, Tamil Nadu, India

Reg. No. 08PH 18



FACULTY OF HUMANITIES

The Board of Management of the *Avinashilingam Institute for Home Science and Higher Education for Women* hereby makes known that **Maheshvari, R.** has been admitted to the Degree of **Doctor of Philosophy in Economics** having been certified by duly appointed Examiners to be qualified to receive the same in July, 2013.

Given under the Seal of the Institute.



Sowri Ramakrishnan
Registrar
Date : 25.11.2013

T. S. L. Meenakshi Sundaram
Chancellor

P. S. L.
Vice Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University



கலைப்பியல் பிலம்
FACULTY OF ARTS

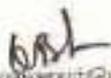
பாரதியார் பல்கலைக் கழகத்தால் ஏற்றுமதி அளிக்கப்பட்ட தேர்வுரை குழு
ஆர்தி வெ. 2014 ஆம் ஆண்டு சூலை 15 ஆம் திகதி ஆங்கிலம் என்றும் பி.ஓ.பி.
ஆர்.வி.எஸ். அறிஞர் என்.ஆர். பட்டம் பெற்ற தகுதியுடையிருப்பதால் கார்ப்பரேட்டரை
எஸ். அலகரத் அந்தர் ப.ஓ. தலைவர் பங்கமலர் குழு இராசசிவசுப்பிரமணியன்
பாரதியார் பல்கலைக் கழக ஆட்சிக்குழு வழங்கியிருக்கிறது.

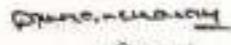
The Syndicate of the Bharathiar University hereby makes known that ARTHY V
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ENGLISH,
having been certified by duly appointed Examiners to be qualified to receive the same on 15th JULY 2014.

Given under the Seal of the University.



கொம்பட்டூர்
Coimbatore
Dated: 22nd December 2014
Controller of Examinations (C)


தேர்வுரைரை(பி.ஓ.)



பதிவுரை
Registrar


கொம்பட்டூர்
Vice-Chancellor

A058666



பாரதியார் பல்கலைக்கழகம்

BHARATHIAR UNIVERSITY

கலையியல் புலம்

FACULTY OF ARTS

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு ஜஸ்டின் ரூபன் ஏ. 2022ஆம் ஆண்டு மே 28ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சிணையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that JUSTIN RUBEN E has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 28th MAY 2022.

Title of the Thesis : The Decolonisation of English: A Postcolonial Critique of Salman Rushdie's Select Fiction

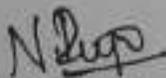
Subject : ENGLISH

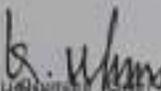
Given under the seal of the University



கொயம்புத்தூர்
Coimbatore
நகர்

Dated: 24th August 2023,
ap/2023/1


சுதமன்செயலர் (குறி)
Controller of Examinations i/c


பதிவுகாண்காரர்
Registrar i/c


புனைகேள்விகாரர்
for Vice-Chancellor



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
கலையியல் புலம்
FACULTY OF ARTS

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு சாந்தா தேவி எ, 2021ஆம் ஆண்டு டிசம்பர் 15ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that **SANTHA DEVI A** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** having been certified by duly appointed Examiners to be qualified to receive the same on **15th DECEMBER 2021**.

Title of the Thesis : Social Aspects in the Select Novels of U.R.Ananthamurthy

Subject : ENGLISH

Given under the seal of the University



தேர்வாளர் (பொ)
Controller of Examinations i/c

பதிவாளர் (பொ)
Registrar i/c



கொயம்புத்தூர்
Coimbatore

நாள்
Dated **13th May 2022**

akphd2420

துணைவேந்தர்
Vice-Chancellor

A.No. 2759

Read by	
Examined by	



Folio :E 1354



BHARATHIAR UNIVERSITY

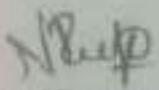
COIMBATORE - 641 046

Ph.D. PROVISIONAL CERTIFICATE

This is to certify that **ASHA J** has qualified for
the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in
ENGLISH on **20/03/2024** after having
completed the requirements prescribed for the award of the Degree.

Coimbatore - 641 046
Date **08 APR 2024**




Controller of Examinations **Wc**



பாரதியார் பல்கலைக் கழகம்
Bharathiar University
கலையியல் புலம்
FACULTY OF ARTS



பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு, இராஜலக்ஷ்மி ம, 2013 ஆம் ஆண்டு, ஏப்ரல் 23 ஆம் நாளில் தமிழ் என்னும் பிரிவில் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று, அவருக்கு ஒத்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சியைடன், பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that RAJALAKSHMI M has been admitted to the Degree of DOCTOR OF PHILOSOPHY in TAMIL, having been certified by duly appointed Examiners to be qualified to receive the same on 23rd APRIL 2013.

Given under the Seal of the University.



A000185

செயலகத்தின்
Co-ordinator

திகதி
Dated: 06 June 2013

K. G. Senthil

செயலகத்தின்
Controller of Examinations

[Signature]

பதிவாளர்
Registrar

[Signature]

தலைவரின்
Vice-Chancellor