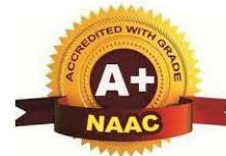


SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-25)

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620 012, Tamil Nadu.



INDEX

CRITERION: 2.4.2

*Number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B
Superspeciality / D.Sc. / D.Litt. during the year*

2021 - 2022

S. No	Department	Page NO
1	Administration	1-2
2	AIDS	3-4
3	Chemistry	5-9
4	CIVIL	10
5	Computer Science Engineering	11-16
6	Electronics and Communication Engineering	17-25
7	Electrical and Electronics Engineering	26-33
8	English	34-35
9	Instrumentation and Control Engineering	36-40
10	Information Technology	41
11	MATHS	42-52
12	MBA	53-55
13	Mechanical Engineering	56-62
14	Physics	63-65

Administration



Code No. 001D4-5A/423066

பாரதிதாசன் பல்கலைக்கழகம்
BHARATHIDASAN UNIVERSITY

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

பொறியியல் - தொழில்நுட்பவியல் புலம்
FACULTY OF ENGINEERING AND TECHNOLOGY

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக்குழு டிசம்பர் 2007

ஆம் ஆண்டு

தா. வளவன்

என்பவர்

இயந்திரப் பொறியியல்

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 D. VALAVAN has been admitted to the Degree of DOCTOR OF PHILOSOPHY in the subject MECHANICAL ENGINEERING, having been certified by duly appointed Examiners to be qualified to receive the same in DECEMBER 2007.

Thesis Title

"INVESTIGATIONS ON THE PERFORMANCE AND EMISSIONS OF A DIRECT INJECTION C I ENGINE FUELLED WITH DIESEL - VEGETABLE OIL BLENDS"



Given under the seal of the University.

திருச்சிராப்பள்ளி
Tiruchirappalli

தாள் :
Dated : 29th November 2008

C 019699 ISSUED ON: 29 NOV 2008

பதிவரை Registrar

துணைவேந்தர் Vice-Chancellor



பாரதிதாசன் பல்கலைக்கழகம்

அறிவியல் புலம்

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக்குழு 1996 ஆம் ஆண்டு கிரா. நடராசன் என்பவர் வேதியியல் பிரிவில் முனைவர் என்னும் பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.



திருச்சிராப்பள்ளி
Tiruchirappalli
நாள் : 26 FEB 1998
Dated :

தி. அ. க. கி. சி. சி.
பதிவாளர் Registrar



BHARATHIDASAN UNIVERSITY

FACULTY OF SCIENCE

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that **R. NATARAJAN** 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 **December 1996**

THESIS TITLE :

SYNTHESIS OF CUPFERRON-DERIVATIVES AS MINERAL COLLECTORS FOR ORE-BENEFICIATION

Given under the Seal of the University.

தி. அ. க. கி. சி. சி.
த.வ.வேந்தர் Vice-Chancellor



CHIEF OF SECRET 3-76-479117

பாரதிதாசன் பல்கலைக்கழகம்
BHARATHIDASAN UNIVERSITY

Established by the Government of Tamil Nadu in 1962. Recognized by U.C. under 23 and 24 of 1956 Act.
Mumbai. Transferred to India's Government and transferred to Government of India.

பொறியியல் - தொழில்நுட்பவியல் புலம்
FACULTY OF ENGINEERING AND TECHNOLOGY

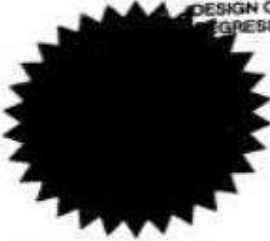
பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஆகஸ்ட் 2009

ஆய் ஆய்வு சா.அ. சகாய அருள் மேரி
கணிப்பொறியியலும் பொறியியலும் மீளில் முனைவர் என்னும்
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வுரைகள் சான்றிதழ்
முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக
இயக்குனர்புடன் வழங்குகிறது.

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that S.A. SAHAAYA ARUL MARY has been admitted to the Degree of DOCTOR OF PHILOSOPHY, in the subject COMPUTER SCIENCE AND ENGINEERING, having been certified by duly appointed Examiners to be qualified to receive the same in AUGUST 2009.

Thesis Title

DESIGN OF FACTOR ORIENTED REQUIREMENT-COVERAGE BASED REGRESSION SYSTEM TEST CASE PRIORITIZATION TECHNIQUES AND THEIR METRICS



Given under the seal of the University.

திருச்சிரப்பள்ளி
Tiruchirappalli

தாள் : 27th November 2009
Dated :

E 33223 ISSUED ON : 2 DEC 2009

பதிவுரைப் Registrar

தலைவர்/வந்திர Vice-Chancellor

■ REG. NO. RA1613003011008



SRM

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF THE UGC ACT, 1956)

Faculty of Engineering and Technology
The Board of Management of the SRM Institute of
Science and Technology hereby makes known that

LAKSHMI KANTHAN N

has been admitted to the Degree of Doctor of Philosophy
having been certified by duly appointed examiners to be
qualified to receive the same in JANUARY - 2020

Title of the Thesis:

IoT-FOG BASED WATER DISTRIBUTION MANAGEMENT AND
UNDERGROUND PIPELINE HEALTH MONITORING USING
INTELLIGENT AGENTS [COMPUTER SCIENCE AND ENGINEERING].



Given under the seal of the University

DATED: 26 DEC 2020

SRM NAGAR, KATTANKULATHUR - 603 203
KANCHEEPURAM (DIST.), TAMILNADU, INDIA.

REGISTRAR



VICE-CHANCELLOR

DEPARTMENT OF CHEMISTRY

AB13



Code No. 000PE7 S.No. 479284

பாரதிதாசன் பல்கலைக்கழகம்
BHARATHIDASAN UNIVERSITY

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

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஆகஸ்டு 2009

ஆம் ஆண்டு

லோ. முருகானந்தம்

என்பவர்

வேதியியல்

பிரிவில்

முனைவர்

என்னும்

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

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that L. MURUGANANDAM 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 AUGUST 2009.

Thesis Title

"SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL STUDIES OF NEW MANNICH BASES OF ACETAMIDE, ACRYLAMIDE AND BENZAMIDE AND THEIR METAL COMPLEXES"



Given under the seal of the University.

திருச்சிராப்பள்ளி
Tiruchirappalli

தாள் : 27th November 2009
Dated :

பதிவாளர் Registrar

துணைவேந்தர் Vice-Chancellor



Code No. BU/27.3.3/1/289065

பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

Re-accredited with 'A' Grade by NAAC

(Established by the Government of Tamil Nadu in 1962; 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 அக்டோபர் 2016

ஆம் ஆண்டு வ. பாலமுருகன் என்பவர்
வேதியியல் பிரிவில் முனைவர் என்னும்
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தது.
முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக
இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes
known that V. BALAMURUGAN 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
OCTOBER 2016.

Thesis Title

SYNTHESIS, CHARACTERISATION AND BIOLOGICAL STUDIES OF SOME
NEW TRANSITION METAL COMPLEXES OF THE SCHIF BASES DERIVED
FROM 2-HYDROXY-1,2-DI(PHENYL) ETHANONE

Given under the seal of the University.



Examination
Department

Signature
Examiner's Signature

Signature
Examination Officer's Signature

K 057297

Serial
Date

14th October 2016

ISSUED ON

14.10.2016





பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு
பிரிய ரேகா எஸ், 2011 ஆம் ஆண்டு, நவம்பர் 16 ஆம் நாள் வேதியியல் என்றும் பி.சி.யில்
ஆய்வியல் அறிஞர் என்றும் பட்டம் பெறத் தகுதியடைந்திருப்பதாக சான்றளித்ததை
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சிளையுடன்,
பாரதியார் பல்கலைக் கழக ஆட்சித் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that PRIYA REGA S
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in CHEMISTRY,
having been certified by duly appointed Examiners to be qualified to receive the same on 16th NOVEMBER 2011.

Given under the Seal of the University.



கொயம்புத்தூர்

Coimbatore

நாள்

K. G. Senthilvelu

தேர்வாளரையர்

Dated: 24th November 2011 Controller of Examinations



பதிவுரைப்பவர்
Registrar

தலைவரையர்
Vice-Chancellor

No. 303179



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.aiu.ac.in E-mail : cvaluation@aiu.ac.in

E.C. N^o 021385

Date 28.08.2017

EQUIVALENCE CERTIFICATE

NAME: Mr./Ms.

SUNDAR RAJALINGAM

DEGREE/DIPLOMA

Doctor of Sciences

AWARDING UNIVERSITY /
INSTITUTION

University of Namur, (Universite De Namur)
Namur, Belgium

STATUS of the awarding
Institution

University of Namur, Namur is an accredited
University in Belgium listed on Page 235 of
'International Handbook of Universities' - 2017.

SCORE / GRADE

As shown on the Academic Transcript

EVALUATION OF EDUCATIONAL CREDENTIALS

SUNDAR RAJALINGAM has obtained Doctor of Sciences Degree - "Self
Assembly of Organothiols on Metals (Cu, CuNi, Ni and Au)" from an accredited
University of Namur, Namur an accredited university in Belgium - this
qualification is EQUATED with Doctor of Philosophy (Sciences) 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-110002
E-mail : evaluational@aiuweb.org

Consultant
Association of Indian Universities
AIU House, 16, Comrade Indrajit Gupta Marg,
New Delhi-110002

AUTHORITY: Ministry of Human Resource Development, Government of India, New Delhi, Gazette Notification
No.F15-17/94-TS-IV dt 13 March 1995.



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

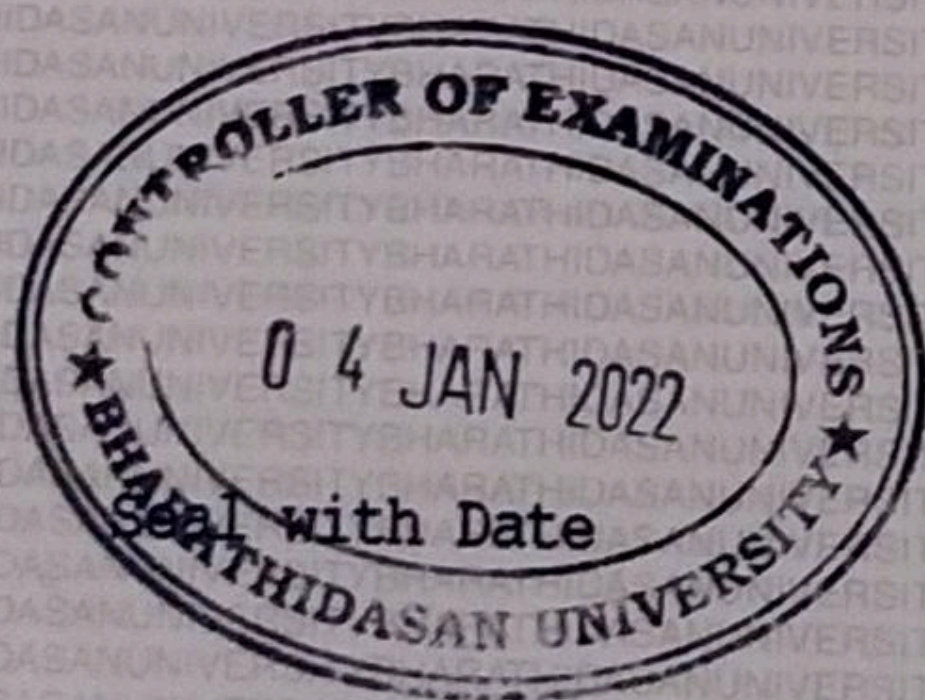


FOLIO NO: 6086

PROVISIONAL CERTIFICATE

This to certify that **THULASI G**
has qualified for the Degree of **DOCTOR OF PHILOSOPHY IN CHEMISTRY**
he/she having been declared eligible for the same from **6th DECEMBER 2021 onwards**

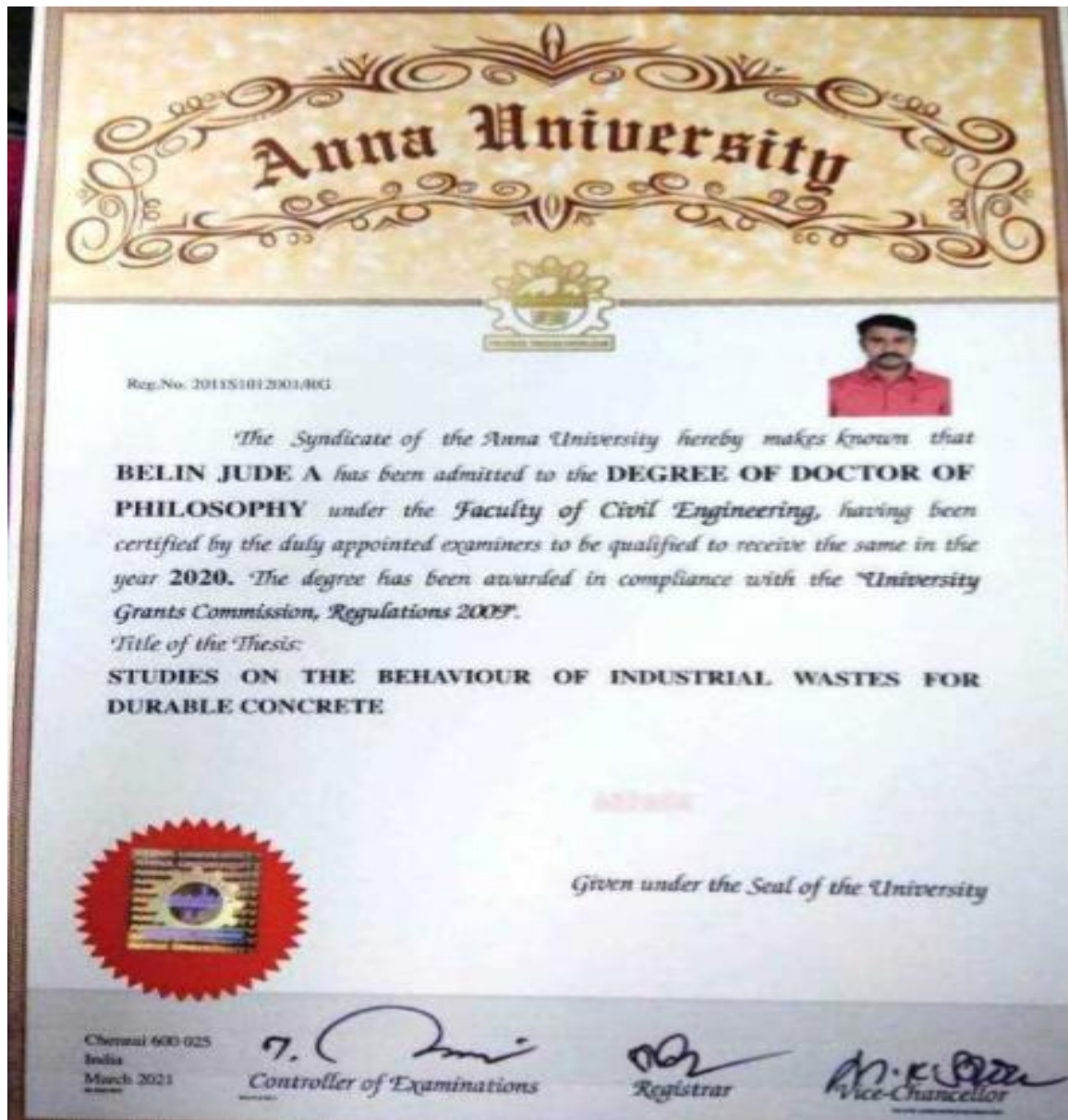
HIGHLY COMMENDED

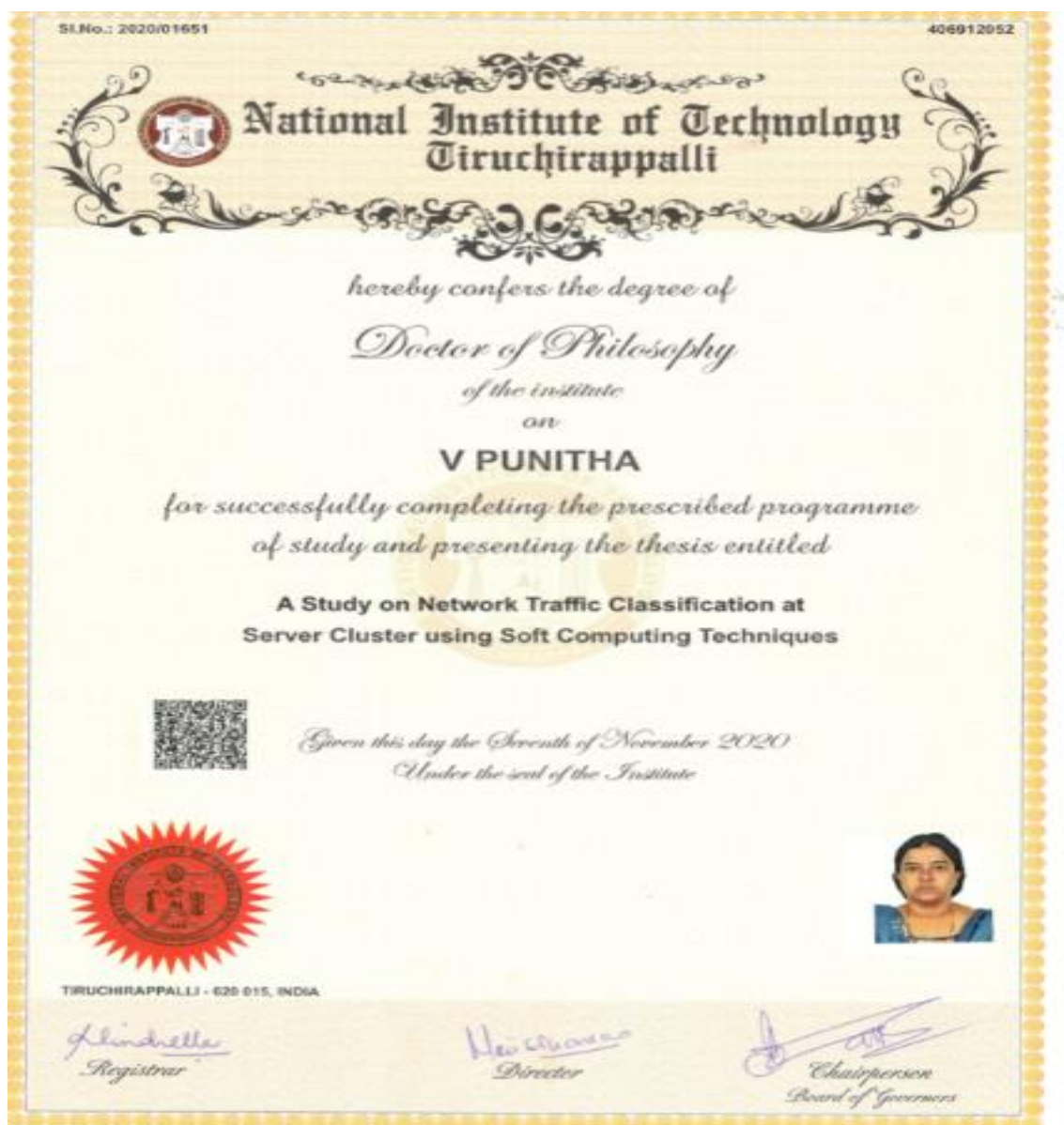


M. Seetha
Section Head

[Signature]
Controller of Examinations

DEPARTMENT OF CIVIL ENGINEERING







Reg.No.11110632023/RG



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

Title of the Thesis:


CERTAIN INVESTIGATIONS ON ENERGY EFFICIENT SCHEMES IN WIRELESS SENSOR NETWORKS

Given under the seal of the University



Chennai 600025
India
June 2018
7/8/2018


Controller of Examinations
RAJARAJESWARI PL


Registrar


Vice-Chancellor



Reg.No.20114022011/RG



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

A NOVEL FEATURE SELECTION TECHNIQUE FOR PRIVACY PRESERVATION IN DATA MINING USING MEMETIC APPROACH

Given under the seal of the University



Chennai 600025

India

June 2018

Controller of Examinations

Registrar

Vice-Chancellor



Reg.No. 1424168715/RG



The Syndicate of the Anna University hereby makes known that
SENTHAMIL SELVI 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:

**FIREFLY BASED FEATURE SELECTION ALGORITHMS FOR BIG DATA
CLASSIFICATION**



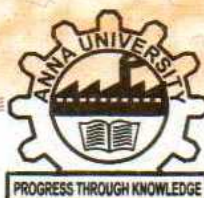
Given under the Seal of the University

Chennai 600 025
India
March 2021


Controller of Examinations


Registrar


Vice-Chancellor



Reg.No. 1523459117/RG

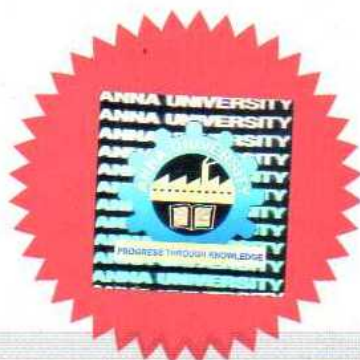


*The Syndicate of the Anna University hereby makes known that **VIDIVELLI S** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the *Faculty of Information and Communication Engineering*, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2022**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".*

Title of the Thesis:

DESIGN OF AN INTEGRATED FULLY AUTOMATIC COMPUTER AIDED DIAGNOSIS (CAD) SYSTEM FOR BREAST CANCER CLASSIFICATION WITH MAMMOGRAM IMAGE

Given under the Seal of the University

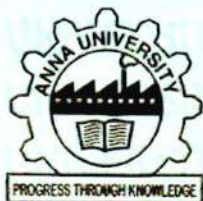


Chennai 600 025
India
July 2022
SAR014690

P. Senthil
Controller of Examinations
VIDIVELLI S

I. Ravi
Registrar

R. V. L.
Vice-Chancellor



ANNA UNIVERSITY

CHENNAI - 600 025

PROVISIONAL CERTIFICATE



Folio No.: **SAR014082**

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 : **SATHIS KUMAR T**

Registration Number : **17144591133**

Degree : **Ph.D.**

Department / Centre / Subject : **COMPUTER SCIENCE AND ENGINEERING**

Faculty : **INFORMATION AND COMMUNICATION ENGINEERING**

Date, Month & Year of Viva-Voce Examination held : **30.04.2021**

Title of the Thesis : **MIDDLEWARE INTEROPERABILITY PERFORMANCE USING SOA FOR ENTERPRISE BUSINESS APPLICATION**



Chennai - 600 025

Date: 24-JUN-2021

Controller of Examinations



National Institute of Technology

408107002

TIRUCHIRAPPALLI - 620 015 INDIA

hereby confers the degree of

Doctor of Philosophy

of the Institute

on

M SANTHI

for successfully completing the prescribed programme of study

and presenting the thesis entitled

NOVEL SCHEMES FOR VLSI IMPLEMENTATION OF DSP BLOCKS

Given this day the Third of August, 2013

Under the Seal of the Institute.



G. P.
Registrar

Shankar
Director

R. V. S.
Chairman, Board of Governors



National Institute of Technology

AD010802

TIRUCHIRAPPALLI - 620 015 INDIA

hereby confers the degree of

Doctor of Philosophy

of the Institute

on

C VENNILA

for successfully completing the prescribed programme of study

and presenting the thesis entitled

**DESIGN AND ANALYSIS OF RECONFIGURABLE ARCHITECTURES FOR WIRELESS SYSTEM
BACK END MODULES**



Given this day the Third of August, 2013

Under the Seal of the Institute.

Register

Director

Chairman, Board of Governors



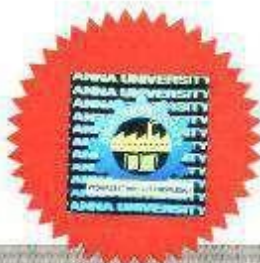
Reg.No. 20084012006/RC

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


Title of the Thesis:


RANDOM IMAGE STEGANOGRAPHY


Given under the Seal of the University



Chennai 600 025
India
January 2016


Controller of Examinations


Registrar


Vice-Chancellor



Reg.No: 20074012004/BG

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

Title of the Thesis:

SECURING MOBILE AD HOC NETWORKS AGAINST DISTRIBUTED DENIAL OF SERVICE ATTACK

Given under the Seal of the University



Chennai 600 025
India
January 2016

Controller of Examinations

Registrar

Vice-Chancellor



Reg.No. 20074012021/RC

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

AN ADAPTIVE ENERGY EFFICIENT AND RELIABLE GOSSIP ROUTING PROTOCOL FOR MANETs

Given under the Seal of the University



Chemist 600 025
India
January 2010

Controller of Examinations

Registrar

Vice-Chancellor



Reg No. 20074012011/RG

The Syndicate of the Anna University hereby makes known that
MOHAN V *has been admitted to the* **DEGREE OF DOCTOR OF PHILOSOPHY** *under the* **Faculty of 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:

LOSSY STILL IMAGE COMPRESSION - SOME NEW TECHNIQUES

Given under the Seal of the University



Chennai 600 025
India
January 2016

Controller of Examinations

Registrar

Vice-Chancellor



Reg.No. 20074012024/BC

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

Title of the Thesis:

**DEVELOPMENT OF EFFICIENT SPEAKER VERIFICATION SYSTEMS
USING OPTIMAL FEATURE SELECTION**

Given under the Seal of the University



Chennai 600 025
India
January 2016

Controller of Examinations

Registrar

Vice-Chancellor



Reg.No. 20084012002/RG



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

Title of the Thesis:

NEW TECHNIQUES FOR DICTIONARY BASED AND SIGN LANGUAGE BASED TEXT COMPRESSION AND SECURE TRANSMISSION

Given under the Seal of the University



Chennai 600 025
India
January 2016

Controller of Examinations

Registrar

Vice-Chancellor



Reg.No. 1512459943/RG

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

DESIGN AND FABRICATION OF HIGH PERFORMANCE ANTENNAS FOR SATELLITE, WLAN AND WI-FI APPLICATIONS

Given under the Seal of the University



Chennai 600 025
India
July 2022
0A30V14590

P. Sathish
Controller of Examinations
MALAISAMY K

J. M.
Registrar

R. V. K.
Vice-Chancellor
SECRETARY/REGISTRAR/CONTROLLER OF EXAMINATIONS

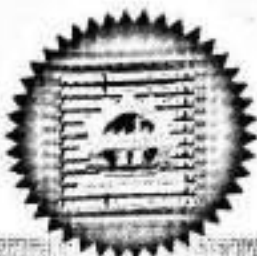


Reg.No. 4081042112/RG

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

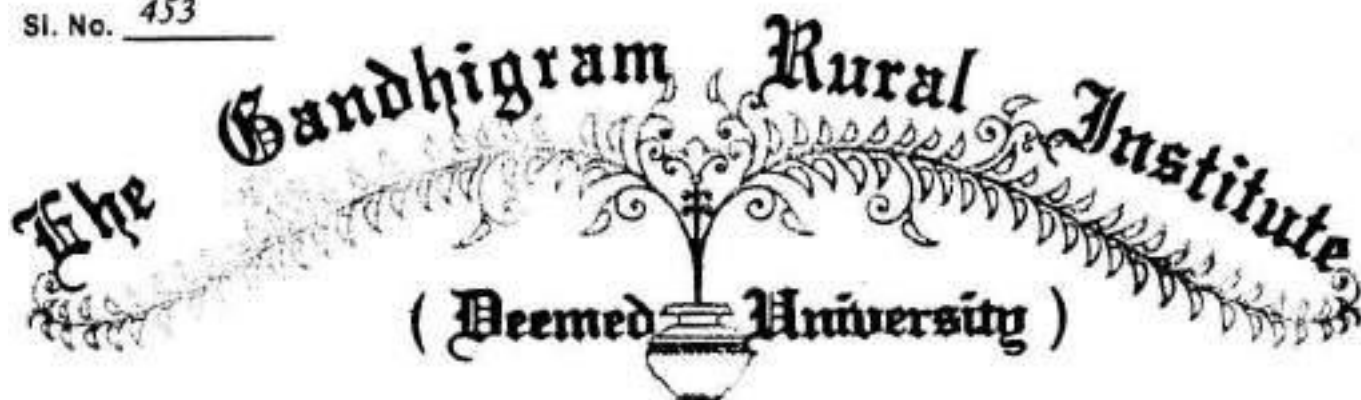
Title of the Thesis:

**MITIGATION OF CONDUCTED-ELECTRO MAGNETIC
INTERFERENCE ON DC-DC CONVERTER TOPOLOGIES**



Given under the Seal of the University





Re-Accredited by NAAC with 'A' Grade

The Board of Management of the
Gandhigram Rural Institute
hereby confers the Degree of
Doctor of Philosophy

on

Kalyanakumar. D

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

**"HYBRID SEVENLEVEL H-BRIDGE INVERTER BASED DSTATCOM CONTROL.....
USING SUB HARMONIC PULSE WIDTH MODULATION TECHNIQUE – A RATIONAL
APPROACH TO ENERGY CONSERVATION"**

(Date of Viva Voce: 11.10.2013)

Twenty Second January 2014

Given this day the.....of.....

under the seal of the Institute



Gandhigram

Tamilnadu

Dated : 22 JAN 2014

H. Narayana
Registrar

K. Sankaranarayanan
Vice-Chancellor



Reg. No. 20093062009/RG

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

Title of the Thesis:

DISCRETE PID CONTROLLER FOR DC-DC CONVERTER USING BILINEAR TRANSFORMATION TECHNIQUE

Given under the Seal of the University



Chennai 600 025
India
January 2016

Controller of Examinations

Registrar

Vice-Chancellor



Reg.No. 2011230011/RG



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

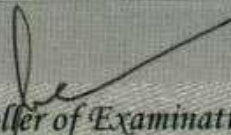
Title of the Thesis:

**LOADABILITY MARGIN ESTIMATION IN RESTRUCTURED
ENVIRONMENT OF POWER SYSTEM**

Given under the Seal of the University



Chennai 600 025
India
January 2016
WARRINGTON


Controller of Examinations


Registrar


Vice-Chancellor



Reg.No.2011SS012002/RG

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

Title of the Thesis:

ANALYSIS OF ELECTROMAGNETIC INTERFERENCES AND NOVEL MITIGATION TECHNIQUES IN SINGLE PHASE GRID INTERFACING PHOTOVOLTAIC SYSTEM

Given under the seal of the University



Chennai 600025
India
December 2018
RJK/2018

Controller of Examinations

Registrar

Vice-Chancellor



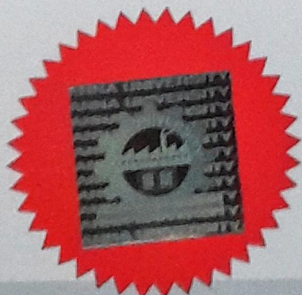
Reg.No. 1514359182/RG

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

Title of the Thesis:

DESIGN EMPHASIS OF MULTILEVEL CONVERTER TOPOLOGIES WITH PERFORMANCE ANALYSIS USING TUNED PWM CONTROLLER FOR HYBRID POWER SYSTEMS

Given under the Seal of the University



Chennai 600 025
India
July 2022
GA 807/2009

P. Sankaranarayanan
Controller of Examinations
ANNA UNIVERSITY

P. H. S.
Registrar

R. V. Lingam
Vice-Chancellor
ANNA UNIVERSITY

Anna University



Reg.No. 16153597177/RG

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

Title of the Thesis:

AN ENERGY-EFFICIENT CLUSTERING PROTOCOL BASED ON CLUSTER SUPERVISOR MANAGEMENT FOR IOT WIRELESS SENSOR NETWORKS

Given under the Seal of the University

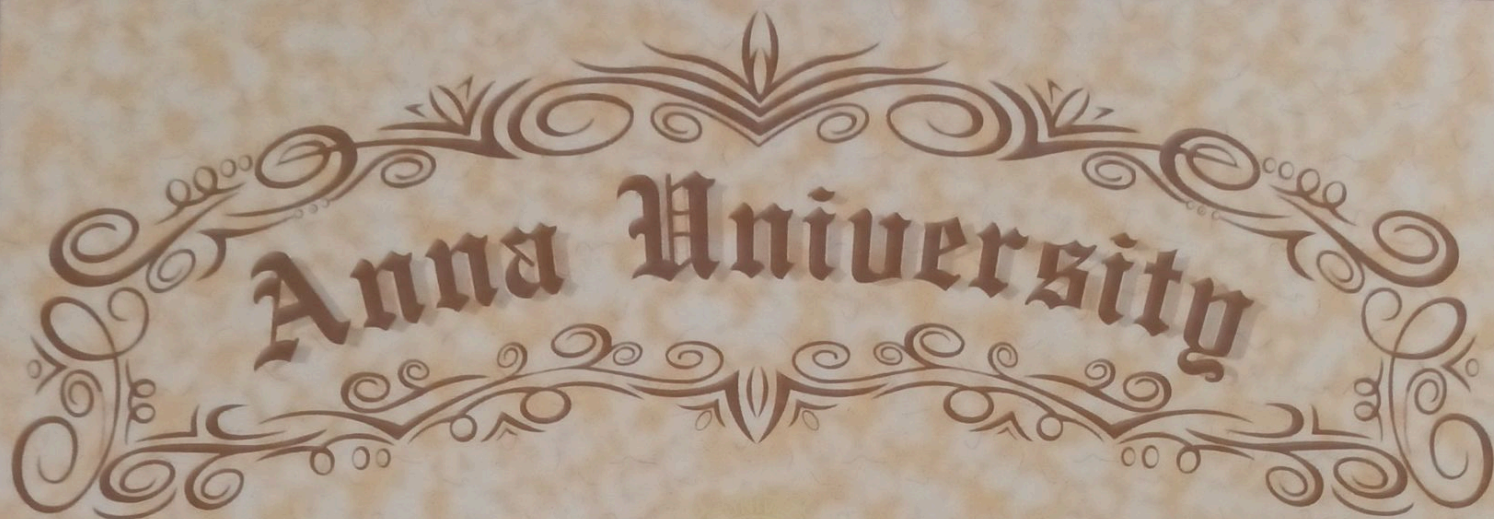


Chennai 600 025
India
July 2022
BARBEX011

P. Senthilvel
Controller of Examinations

P. R. I.
Registrar

R. V. Vijay
Vice-Chancellor



Reg.No. 1414359145/RG

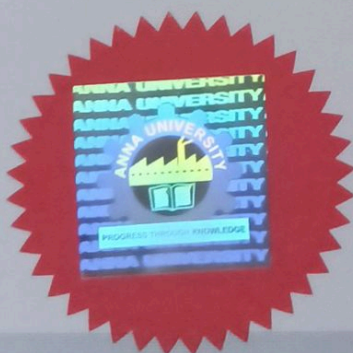


The Syndicate of the Anna University hereby makes known that
MARIMUTHU M *has been admitted to the* **DEGREE OF DOCTOR OF PHILOSOPHY** *under the Faculty of Electrical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2021. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".*

Title of the Thesis:

DESIGN AND DEVELOPMENT OF MULTILEVEL CASCADED BOOST CONVERTER FOR MULTILEVEL INVERTER

Given under the Seal of the University




Chennai 600 025
India
July 2022
SABRI3043


P. Senthil
Controller of Examinations
MARIMUTHU M

P.R.
Registrar


R.V. Vijay
Vice-Chancellor
THIRU V. V. VEDARAJAN

DEPARTMENT OF ENGLISH


Anna University




Reg.No.20115012902/RG




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


Title of the Thesis:
AN ANALYSIS OF THE TAMIL NADU STATE SAMACHEER (EQUITABLE EDUCATION) ENGLISH SYLLABUS WITH SPECIFIC REFERENCE TO IX STANDARD OF SELECT SCHOOLS IN TRICHY

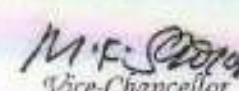
Given under the seal of the University



Chennai-600025
India
June 2018


Controller of Examinations


Registrar


Vice-Chancellor



Code No. 008C7 U.No. 67876

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)

இந்தியமொழிப் புலமும் பிறமொழிப் புலமும்
FACULTY OF INDIAN AND OTHER LANGUAGES

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு செப்டம்பர் 2017

ஆம் ஆண்டு வெ. தமிழ் செல்வி என்பவர்
ஆங்கிலப் 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 V. THAMIL SELVI has been admitted to the Degree of DOCTOR OF PHILOSOPHY, in the subject ENGLISH, having been certified by duly appointed Examiners to be qualified to receive the same in SEPTEMBER 2017.

Thesis Title

'WOMAN AS EMANCIPATED: OVERCOMING PRAEDIAL SLAVE IN THE SELECT NOVELS OF NAMITA GOKHALE, CHITRA BANERJEE DIVAKARUNI AND GITHA HARIHARAN'

Given under the seal of the University.



திருச்சிராப்பள்ளி
Tiruchirappalli

நாள்:
Date:

21st February 2018

ISSUED ON:

21-02-2018

[Signature]
முனைவர் Registrar

[Signature]
கண்ணகவேலு Vice-Chancellor

L 054013



SASTRA UNIVERSITY

Shanmugha Arts, Science, Technology & Research Academy

(A University w/s 3 of the UGC Act, 1956)

*Upon the recommendation of the Faculty and by the
Authority of the Board of Management
acting under the powers vested by the Government of India,
the University hereby confers on*

Giri Rajkumar S M

the degree of

Doctor of Philosophy

*with all the rights and privileges pertaining thereto for the course-work
and thesis titled*

**Controller Tuning for Various Process Systems Using Non-traditional Optimization
Techniques**

*In witness whereof, we have herewith affixed our signatures and the
Seal of the University, this day, the Fourteenth of August, 2010
at the University Campus, Thanjavur, India.*


Dean


Registrar


Vice-Chancellor



Sl. No. P916733

Reg.No. 44



Reg.No. 1515339124/RG

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

Title of the Thesis:

OPTIMUM CONTROLLER DESIGN FOR VARIOUS PROCESS USING RECURSION REDUCTION CONTROL TECHNIQUE



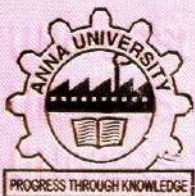
Given under the Seal of the University

Chennai 600 025
India
March 2021

Controller of Examinations

Registrar

Vice-Chancellor



ANNA UNIVERSITY CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.: SAR013033

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 : THIRUMURUGAN P
Registration Number : 1413379705
Degree : Ph.D.
Department/Centre/Subject : ELECTRICAL AND ELECTRONICS
ENGINEERING
Faculty : ELECTRICAL ENGINEERING
Date, Month & Year of Viva-Voce
Examination held : 16.07.2021
Title of the Thesis : NOVEL MULTILEVEL INVERTER USING
DIFFERENT PWM CONTROL TECHNIQUES
FOR GRID CONNECTED PHOTOVOLTAIC
SYSTEM



Chennai - 600 025

Controller of Examinations

Date: 18-AUG-2021



National Institute of Technology Tiruchirappalli

hereby confers the degree of

Doctor of Philosophy
of the institute
on

BANU SUNDARESWARI M

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

**Design and Implementation of Swing Actuators
using Shape Memory Alloy
for Control of Dynamic Systems**



Given this day the Sixth of August 2022
Under the seal of the Institute



TIRUCHIRAPPALLI - 620 015, INDIA



N. Om
Registrar

phub
Director

Chairperson
Board of Governors



National Institute of Technology

1010301

TIRUCHIRAPPALLI - 620 015 INDIA

hereby confers the degree of

Doctor of Philosophy

of the Institute

on

SHANMUGAVALLI M

for successfully completing the prescribed programme of study

and presenting the thesis entitled

**MODELING AND EXPERIMENTAL INVESTIGATION OF CORIOLIS FLOW METER
USING PIEZOELECTRIC SENSING AND ACTUATION**

Given this day the First of October, 2011

Under the Seal of the Institute.



Registrar

Director

Chairman, Board of Governors



DEPARTMENT OF MATHS



Code No: 00906 U.No: 866894

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 செப்டம்பர் 2015

ஆம் ஆண்டு இரா. நீலாம்பரி 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. NEELAMBARI** 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
SEPTEMBER 2015.

Thesis Title
"STUDY ON WEBSERVER QUEUES USING FUZZY MARKOV CHAIN"

Given under the seal of the University.



தஞ்சாவூர்
Tiruchirappalli

சா.ந. : 05th November 2015
த.ந. :
ISSUED ON : 05-11-2015

J 033246



பதிவரர் Registrar



காமராசு Vice-Chancellor





Code No: BUC7 & No. 47807



பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

Re-accredited with 'A' Grade by NAAC

(Established by the Government of Tamil Nadu in 1963) Recognized by UGC under 2(f) and 12(B) of U.A.E. and
Member, Association of Indian Universities and Association of Commonwealth Universities

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஏப்ரல் 2017

ஆம் ஆண்டு ப.கி. லெட்சுமிதேவி என்பவர்
கணிதவியல் பிரிவில் முனைவர் என்றும்
பட்டத்திக்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்துப்.
முனைவர் என்றும் பட்டத்தை அளங்கூர்ப் பல்கலைக்கழக
இலச்சினைபுடம் வழங்குகிறது.

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes
known that P.K. LAKSHMIDEVI 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
APRIL 2017.

Thesis Title

"CONTRIBUTIONS TO STUDY ON INVENTORY MODELS FOR
DETERIORATING ITEMS IN FUZZY ENVIRONMENT"

Given under the seal of the University.



பாரதிதாசன்
University

P.K. Lakshmidhevi
Vice-Chancellor

P. Manikandan
Registrar

L 055578

தமிழ் 21st February 2018
உருவம்
ISSUED ON 21-02-2018





Code No. 008700 599, 69161

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 ஆட்சித் குழு பிப்ரவரி 2018

ஆம் ஆண்டு செ. ரேவதி என்பவர்
கணிதவியல் பிரிவில் முனைவர் என்னும்
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி
முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக
இவச்சினைபுடன் வழங்குகிறது.

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that S. REVATHI 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 FEBRUARY 2018.

Thesis Title

"PERFECT DOMINATION IN FUZZY GRAPH AND INTUITIONISTIC FUZZY GRAPH"

Given under the seal of the University.



L 056851

திருச்சிராப்பள்ளி
Tiruchirappalli

தாள்:
Date:

21st February 2018

ISSUED ON

21-02-2018

Register

P. Vaisankar
தலைவரின் இ.வி.சி. - Chancellor



Reg.No.20115022001/RG



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

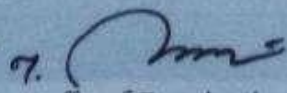
Title of the Thesis:

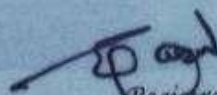
A NEW PROSPECTUS ON FUZZY CREDIBILITY MEASUREMENT

Given under the seal of the University



Chennai 600025
India
June 2018
PAB/17/18


Controller of Examinations
ARUN KUMAR S


Registrar


Vice-Chancellor
HARISHANKAR S. SIVAKUMAR



Reg.No.20115022003/RG



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

Title of the Thesis:

A NEW CLASS OF SOLUTIONS OF THE DIOPHANTINE EQUATIONS

Given under the seal of the University



Chennai 600025
India
December 2018

Controller of Examinations

Registrar

Vice-Chancellor

Folio :D 05117



BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

Ph.D. PROVISIONAL CERTIFICATE

This is to certify that **ANUPRIYA S** has qualified for
the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in
MATHEMATICS on **14/11/2018** after having
completed the requirements prescribed for the award of the Degree.*

* under external part time mode.



Controller of Examinations i/c.

Coimbatore - 641 046

Date : **16 OCT 2019.**



Bharathidasan University

(Re-accredited with 'A' Grade by NAAC) A+ in 3rd Cycle

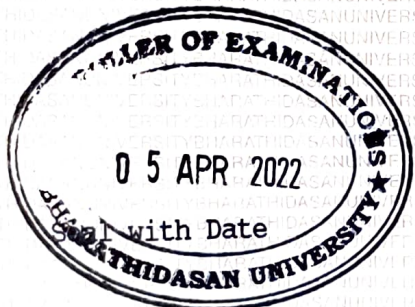
Tiruchirappalli



FOLIO NO: 6291

PROVISIONAL CERTIFICATE

This is to certify that **DINESH S**
has qualified for the Degree of **DOCTOR OF PHILOSOPHY IN MATHEMATICS**
he/she having been declared eligible for the same from **14th MARCH 2022 onwards**.



COMMENDED

M. Subil
Section Head

A. Kumar
Controller of Examinations

Centre Code : 25

Reg.No. 41820-Ph.D-MAT



Code no. 3D94B : S.No.



பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

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

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



அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு மார்ச் 2021
ஆம் ஆண்டு ரவிச்சந்திரன் கோ என்பவர்
கணிதவியல் பாடத்தில் முனைவர்
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள்
சான்றளித்தபடி முனைவர் பட்டத்தை அவருக்குப்
பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes
known that **RAVICHANDRAN G** 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 **MARCH 2021.**

Place of Study: BISHOP HEBER COLLEGE(Autonomous), TIRUCHIRAPPALLI.

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



Title of the Thesis

"A STUDY ON TIME TO RECRUITMENT IN A SINGLE GRADE MANPOWER
SYSTEM WITH DIFFERENT EPOCHS FOR DECISIONS AND EXITS HAVING
OPTIONAL AND MANDATORY THRESHOLDS FOR DIFFERENT WASTAGES"

Given under the seal of the University.



திருச்சிராப்பள்ளி
Tiruchirappalli

பதிவாளர் Registrar

துணைவேந்தர் Vice - Chancellor

O 102227

நாள் : 9th December 2021
Date :

ISSUED ON : 09-12-2021 Page 49 of 66





பாரதிதாசன் பல்கலைக்கழகம்
BHARATHIDASAN UNIVERSITY

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

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



அறிவியல் புலம்
FACULTY OF SCIENCE

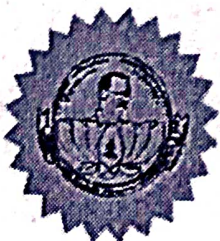
பாரதிதாசன்	பல்கலைக்கழக	ஆட்சிக் குழு	அக்டோபர்	2021
ஆம் ஆண்டு		சுபாஷினி நா		என்பவர்
கணிதவியல்			பாடத்தில்	முனைவர்
பட்டத்திற்குத்	தகுதி	பெற்றவர்	என்று	தக்க
சான்றளித்தபடி		முனைவர்	பட்டத்தை	தேர்வாளர்கள்
பல்கலைக்கழக	இலச்சினையுடன்	வழங்குகிறது.		அவருக்குப்

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that SUBASHINI N 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 OCTOBER 2021.

Place of Study: GOVERNMENT ARTS COLLEGE TIRUCHIRAPPALLI.

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

Title of the Thesis
"SOME CHARACTERIZATION OF BIPOLAR FUZZY GRAPHS"



Given under the seal of the University.

திருச்சிரப்பள்ளி
Tiruchirappalli

പ്രതിവർഷം Registrar

தலைவரவர்கள் Vice - Chancellor

O 102106

Date : 9th December 2021

ISSUED ON : 09-12-2021



Folio : D 05840

BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

Ph.D. PROVISIONAL CERTIFICATE

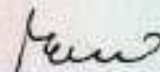
This is to certify that **SIVAMANI S** has qualified for
the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in
MATHEMATICS on **30/01/2019** after having
completed the requirements prescribed for the award of the Degree. *

* under external part time mode



Coimbatore - 641 046

Date : 01 MAR 2019


Controller of Examinations



பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

(Accredited with A+ Grade by NAAC in the Third Cycle)
Recognized by the Government of Tamil Nadu in 1982, Reorganized in 1987 under the Tamil Nadu University Act, 1976 and
Statutes, Ordinances of Bharathidasan University and Statutes of its constituent Colleges.



அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சித் துறை ஜூன் 2019
ஆம் ஆண்டு அகிலாண்டேஸ்வரி வி. சி. எம்.பி.டி.
கணிதவியல் பிரிவில் முனைவர்
என்றும் பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள்
சான்றளித்தபடி முனைவர் என்றும் பட்டத்தை அளந்தும்
பல்கலைக்கழக இலட்சினாயுடன் வழங்குகிறது.

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes
known that AKILANDESWARI V S 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 JUNE 2019.

Place of Study: NEHRU MEMORIAL COLLEGE (Autonomous), PUTHUPPATTI.

Title of the Thesis:

"MATHEMATICAL MODEL FOR SOFTWARE RELIABILITY GROWTH USING
LEHMANN TYPE LAPLACE DISTRIBUTION"



Given under the seal of the University



திருவி.சுப்பிரமணியம்
திருவி.சுப்பிரமணியம்

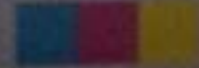
Ku
Vigneshwaran Vigneshwaran

V. Ramesh Kumar
Vigneshwaran Vigneshwaran

0000745

www.bdu.ac.in

ISSUED ON: 08-12-2019



DEPARTMENT OF MANAGEMENT STUDIES



Code No. 32733 U/N/475273



பாரதிதாசன் பல்கலைக்கழகம்
BHARATHIDASAN UNIVERSITY

(Established by the Government of Tamil Nadu in 1962; Recognized by UGC under 2f and 12B of UGC Act; Member, Association of Indian Universities and Association of Commonwealth Universities; Accredited by NAAC 'A' Grade)

மேலாண்மையியல் புலம்
FACULTY OF MANAGEMENT

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக்குழு ஜூன் 2009

ஆம் ஆண்டு

க. கார்த்திகேயன்

என்பவர்

மேலாண்மையியல்

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 K. KARTHIKEYAN has been admitted to the Degree of DOCTOR OF PHILOSOPHY, in the subject MANAGEMENT, having been certified by duly appointed Examiners to be qualified to receive the same in JUNE 2009.

Thesis Title

"A STUDY ON THE METHODS AND EFFECTIVENESS OF TRAINING IN SELECTED PUBLIC AND PRIVATE SECTOR BANKS IN TIRUCHIRAPPALLI DISTRICT - TAMIL NADU"



Given under the seal of the University.

திருச்சிராப்பள்ளி
Tiruchirappalli

தாள் : 27th November 2009

Dated :

E 33948

ISSUED ON : 27 NOV 2009

பதிவரை Registrar

துணைவேந்தர் Vice-Chancellor



Reg.No: 10901332015/RG

The Syndicate of the Anna University hereby makes known that
MAHALAKSHMI V *has been admitted to the* **DEGREE OF DOCTOR**
OF PHILOSOPHY *under the Faculty of Management Sciences, 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'.

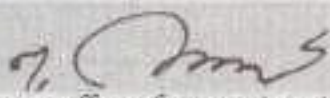
Title of the Thesis:

**AN EMPIRICAL EVALUATION OF BANKING SERVICES PROVIDED
BY PRIVATE AND PUBLIC SECTOR BANKS IN TAMIL NADU**



Given under the Seal of the University

Chennai 600 025
India
November 2014


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,
முரளி ரா, 2019 ஆம் ஆண்டு, சனவரி 7 ஆம் திகதியில் மேலாண்மையியல் என்னும் பிரிவில்
ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சினைமூலம்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that **MURALI 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 **7th JANUARY 2019**.

Given under the Seal of the University.



கோயம்புத்தூர்
Coimbatore
ஊரமை
நாள்

(தேர்வாளர்மேல்பார்)

பதிவாளர்(மேல்பார்)
Registrar(i/c)

நுண்ணாயோந்தர்
Vice-Chancellor

Dated: 18th December 2019 Controller of Examinations i/c

ISSUED ON - 3 OCT 2020



Reg.No. 2007259148/RG

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

**OPTIMAL TOLERANCE DESIGN OF MECHANICAL ASSEMBLIES
 USING FINITE ELEMENT SIMULATION AND INTELLIGENT
 TECHNIQUES**

Given under the Seal of the University



Chennai 600 025
 India
 March 2013

[Signature]
 Controller of Examinations

[Signature]
 Registrar

[Signature]
 Vice-Chancellor



Code No. 0035E-593. 311068

பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

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

பொறியியல் - தொழில்நுட்பவியல் புலம்
FACULTY OF ENGINEERING AND TECHNOLOGY

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஏப்ரல் 2006

ஆம் ஆண்டு

நீ. பாஸ்கர்

என்பவர்

உற்பத்திப் பொறியியல்

பிரிவில்

முனைவர்

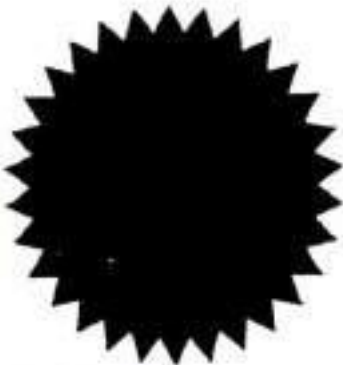
என்னும்

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

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes
known that N. BASKAR has been admitted
to the Degree of DOCTOR OF PHILOSOPHY, in the subject
PRODUCTION ENGINEERING, having been
certified by duly appointed Examiners to be qualified to receive
the same in APRIL 2006.

Thesis Title

"OPTIMIZATION OF MACHINING VARIABLES
USING NON-TRADITIONAL TECHNIQUES"



Given under the seal of the University.

திருச்சிராப்பள்ளி

Tiruchirappalli

தாள் :

Dated : 05th October 2006

A 048495 ISSUED ON : - 5 OCT 2006

பதிவாளர் Registrar

தி.சுங்குடுத்தி
துணைவேந்தர் Vice-Chancellor



Reg.No.2010S2012014/RG



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

Title of the Thesis:

EXPERIMENTAL INVESTIGATIONS AND ANALYSIS ON CYLINDRICAL GRINDING OF STEEL WORKPIECES UNDER DRY AND WET CONDITIONS



Given under the seal of the University

Chemical 600025

India

June 2018

Controller of Examinations

Controller of Examinations

Registrar

Vice-Chancellor

Scanned with CamScanner



Reg.No.2010S2012010/RG



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

EXPERIMENTAL INVESTIGATIONS AND ANALYSIS ON SAND CASTING PROCESS BY VARYING THE MOULD ATTRIBUTES USING OPTIMIZED RISER DESIGN

Given under the seal of the University



Chennai 600025
India
December 2018

Controller of Examinations

Registrar

Vice-Chancellor



Reg.No.2010S2012001/RG



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

Title of the Thesis:

MODELING INVESTIGATION AND OPTIMIZATION OF HOT WIRE GAS TUNGSTEN ARC WELDING OF AUSTENITIC STAINLESS STEEL USED IN POWER BOILER APPLICATIONS

Given under the seal of the University



Chennai 600025
India
June 2018
PUBLISHED


Controller of Examinations
ANANTHA PADMANABAN M R


Registrar


Vice-Chancellor
ANANTHA PADMANABAN M R



Reg.No.20112012008/RG



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

Title of the Thesis:

THREE DIMENSIONAL MODELING AND INVESTIGATION OF THE TRANSIENT, MULTIPHASE COLD FLOW CHARACTERISTICS OF A FULL LOOP, LABORATORY SCALE CFB BOILER USING CFD TECHNIQUES



Given under the seal of the University

Chennai 600025
India
December 2018
PABAYE

[Signature]
Controller of Examinations
Self attested

[Signature]
Registrar

[Signature]
Vice-Chancellor

Scanned with CamScanner

Sl.No. 038106

Reg. No. 121313769



The Board of Management and the Academic Council of

this University hereby make known that

GANESAN.M

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY IN MECHANICAL ENGINEERING

having completed all the Academic requirements and having been
certified by duly appointed Examiners to be qualified to receive the
same with **COMMEDED**

in the Examination conducted during **NOVEMBER 2016**



Thanjavur
Tamil Nadu India

Given under the seal of the University

Registrar

Vice-Chancellor

Scanned with CamScanner

[illegible]



Bharathidasan University

(Re-accredited with 'A' Grade by NAAC) A+ in 3rd cycle
Tiruchirappalli



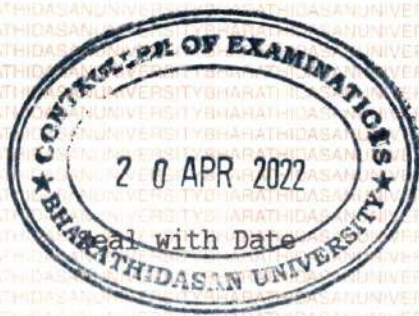
FOLIO NO: 6364

PROVISIONAL CERTIFICATE

This is to certify that KARTHIKEYAN K ✓

has qualified for the Degree of DOCTOR OF PHILOSOPHY IN PHYSICS ✓

and he/she having been declared eligible for the same from 25th FEBRUARY 2022 onwards.



COMMENDED ✓

Section Head

Controller of Examinations



National Institute of Technology

TIRUCHIRAPPALLI - 620 015 INDIA

hereby confers the degree of

Doctor of Philosophy

of the Institute

on

R MARIAPPAN

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

**STUDIES ON DUPLEX STAINLESS STEELS PRODUCED THROUGH
POWDER METALLURGY ROUTE**

Given this day the Ninth of October, 2010

Under the Seal of the Institute.



J. P. Sankar
Registrar

Director

Chairman, Board of Governors