



Reg. No. 2011/2012/2013/2014



The Syndicate of the Anna University Chennai hereby makes known that
MURUGESAN 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 2009.

Title of the Thesis:

**ANALYSIS AND SELECTION OF THIRD PARTY REVERSE LOGISTICS
PROVIDER**

Given under the Seal of the University



Stamp of the Controller of Examinations

Date

February 2010

V. Jayaram
Controller of Examinations

S. Srinivasan
Registrar

P. Srinivasan
Vice-Chancellor



This is to certify that
Shridhar Kurse
has been conferred the Degree of
Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

A Computational Model for Fault
Diagnosis and Prognosis

*in recognition of the fulfillment of requirements
for the said degree*

PH
15 000638

Given under the seal of the University

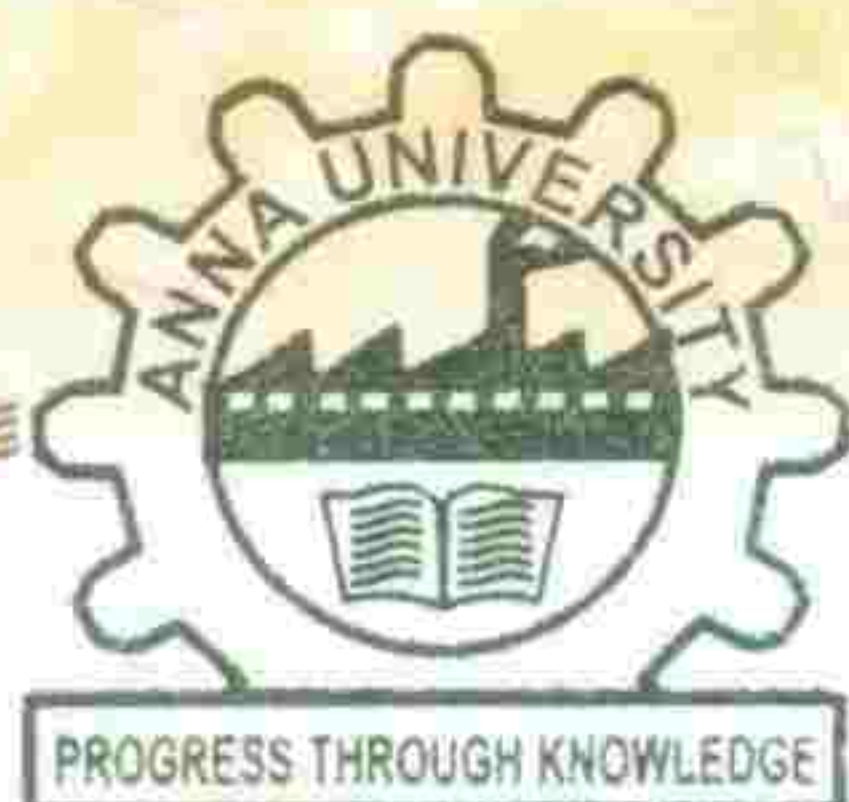
USN: 1GA08PMN01



BELGAUM

DATE : MAY 27, 2016

VICE CHANCELLOR



Reg.No.1214279104/RG

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

Title of the Thesis:

EFFECT OF ADDITION OF NATURAL BIO WASTE FILLERS ON THE PERFORMANCE OF PHENOL FORMALDEHYDE COMPOSITES

Given under the seal of the University



Chennai 600025

India

June 2018
PAR012113

[Signature]
Controller of Examinations

SUJIN JOSE A

[Signature]
Registrar

[Signature]
Vice-Chancellor

FPE4708F1D7405F355A265D0621404FA

SRLA INSTITUTE OF TECHNOLOGY AND SCIENCE PLEWATRAJASTHANI INDIA
TRANSCRIPT

ID NO 2001P00037

NAME VITTALDASA PRADHU S.

Degree(s) Completed:

Ph.D.

CGPA B-7

	COURSE NO	COURSE TITLE	UNITS	GRADE
FIRST SEMESTER 2001-2002	BITS C7911	TEACHING PRACTICE I	1	ABOVE AVG
	BITS C7911	PH D SEMINAR	1	GOOD
				CGPA... 0.00
SECOND SEMESTER 2001-2002	BITS C7920	PH D SEMINAR	1	GOOD
	BITS C7921	TEACHING PRACTICE II	1	ABOVE AVG
				CGPA... 0.00
FIRST SEMESTER 2002-2003	BITS C7991	PH D THESIS	10	S
	BITS C7901	INDEPENDENT STUDY	1	GOOD
				CGPA... 7.00
SECOND SEMESTER 2002-2003	BITS C7991	PH D THESIS	10	S
	BITS C7901	INDEPENDENT STUDY	1	GOOD
				CGPA... 0.00
FIRST SEMESTER 2003-2004	BITS C7991	PH D THESIS	10	S
	BITS C7901	INDEPENDENT STUDY	1	GOOD
				CGPA... 0.00
SECOND SEMESTER 2003-2004	BITS C7991	PH D THESIS	10	S
	BITS C7901	INDEPENDENT STUDY	1	GOOD
				CGPA... 0.00
FIRST SEMESTER 2004-2005	BITS C7991	PH D THESIS	10	S
	BITS C7901	INDEPENDENT STUDY	1	GOOD
				CGPA... 0.00
SECOND SEMESTER 2004-2005	BITS C7991	PH D THESIS	10	S
	BITS C7901	INDEPENDENT STUDY	1	GOOD
				CGPA... 0.00
FIRST SEMESTER 2005-2006	BITS C7991	PH D THESIS	10	ACCEPTABLE
	BITS C7901	INDEPENDENT STUDY	1	GOOD
				CGPA... 0.00

(Continued)

Pragati Arund
2006/06/06

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (Rajasthan)
TRANSCRIPT

ID: WC 2601PHXT027
NAME: VITTALDASA PRABHU S.

Page 1

SUMMARY

Admitted in: FIRST SEMESTER 2001-2002
Last Registered: FIRST SEMESTER 2005-2006

Units Used in CGPA: 0
(This includes only courses with letter grades excluding repetitions)
CGPA: N/A

Degree(s) Completed:
Ph.D.

Fulfilled the academic requirements of graduation and became eligible
for the award of the degree during SUMMER TERM 2005-2006
Date of approval by the Examination Committee: 18-8-2006

Passed Ph.D. Qualifying Examination on:	August, 2001
Foreign Language Requirement	Exempted
Teaching Practice I	Fulfilled
Teaching Practice II	Fulfilled
Thesis Submitted in	FIRST SEMESTER 2005-2006
Ph.D. Viva held on	08-07-2006
Thesis Units Completed	70

Thesis Title:
"Productivity Enhancement in Truck Operations"

Final Thesis Grade: ACCEPTABLE

Date of Issue: 18-08-2006

Sajal Anand
DIRECTOR



This is to certify that
Vedavyasa M
has been conferred the Degree of
Doctor of Philosophy
in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

Study on Effect of Surface Absorptivity, Window Location and
Size on Temperature Distribution inside an Enclosure

*in recognition of the fulfillment of requirements
for the said degree*

PH
10 000321

Given under the seal of the University

USN: 4JN04PMN01



VICE CHANCELLOR

BELGAUM
DATE : MAY 09, 2015



NO. 000740

DATE 12/13/61

PROVISIONAL CERTIFICATE

This is to certify that Mr. / Mrs. *Franklin D. Jones*

has completed the requirements for

the degree of

Doctor of Philosophy

in the subject of

*Chemical Studies on Amelioration of Acute Induced Damage by
Yolk Powder aqueous extract of *Teucrium* species*

Presented by

Franklin D. Jones

in partial fulfillment of the requirements for the degree of

Doctor of Philosophy in the subject of *Chemistry*. The work reported herein was done by the candidate under the supervision of the Department of Chemistry, University of California, Berkeley, California. The work reported herein was done by the candidate under the supervision of the Department of Chemistry, University of California, Berkeley, California.

Approved by the Department of Chemistry, University of California, Berkeley, California. *[Signature]*
Approved by the Department of Chemistry, University of California, Berkeley, California. *[Signature]*
Approved by the Department of Chemistry, University of California, Berkeley, California. *[Signature]*

Pondicherry University



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

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

having submitted a thesis entitled

"MOLECULAR CHARACTERIZATION OF CELLULYTIC SOIL BACTERIA AND THEIR ENZYMES"

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

Discipline : BIOTECHNOLOGY.

Given under the Seal of the University



M. L. Sathyanarayanan
Registrar

Puducherry

Date

12 JUN 2016

Anisabharathi
Vice-Chancellor



गोविन्द बल्लभ पंत कृषि एवं प्रौद्योगिक विश्वविद्यालय

(उत्तर प्रदेश का एक विश्वविद्यालय)

कानपुर की

विश्व शैक्षणिक की संतति पर

2006

कम. प्रतिमा खानदेव

नं. 2006

विश्वविद्यालय के अधीनस्थ विभागों की सिफारिश पर मार्च 2006

में एक विभाग, जो एक कृषि और विज्ञान के क्षेत्र में कार्य करता है।

अनुसंधान सं. 454, विभाग प्रमुख, खाद्य प्रौद्योगिकी

की संतति पर।

On the recommendation of the Academic Council of the
GOVIND BALLABH PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY

(UNIVERSITY OF AGRICULTURE & TECHNOLOGY)

PANTNAGAR

Km. Pratima Khandewali No. 2006

Having considered the proposed requirements for the Degree of Doctor of Philosophy

in March 2006, the following is the result of the

of June

CGPA 8.454, Major Food Technology

Minor (1) Process & Food Engg. (2)

Registrar

Vice-Chancellor

Goa University



This is to certify that
A.V. Veeresh

has been admitted to the degree of
Doctor of Philosophy

of this University, he/~~she~~ having passed
the qualifying examination held in
July 1990 in Botany
Given under the seal of the University

Panaji

Date: 2nd March 1991


Vice-Chancellor

Sl. No. 00198



Sri Krishnadevaraya University



Faculty of Science

Reg. No. _____

Sri Krishnadevaraya University hereby confers the Degree of
Doctor of Philosophy

on V Satya Anasuya Devi

San / Daughter of V Mallikarjuna Reddy

in recognition for his/her research work on
ANALYTICAL INVESTIGATIONS ON METAL COMPLEXES

in the Department of CHEMISTRY

he / she having been found duly qualified for the same in 17.11.2011

17th November 2011

Given under the seal of the University



ANANTAPUR - 515 003
Andhra Pradesh, India

Dated / 30-07-2012

Vice-Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA



This is to certify that

ASHA P K

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Applied Sciences (Chemistry)

for the thesis entitled

*Kinetics and Mechanism of Oxidation of Pharmaceuticals
Using Suitable Oxidizing Agents*

*in recognition of the fulfillment of requirements
for the said degree*

PH 000043

Given under the seal of the University

USN: 1SP12PGN03



BELAGAVI

DATE : Feb 08, 2020

VICE CHANCELLOR



Tumkur University

TUCA 15606

ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಹ ಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು, ಸಿಂಡಿಕೇಟ್ ಮತ್ತು
ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತಿನ ಸದಸ್ಯರುಗಳಾದ ನಾವು

ಪರಶುರಾಮ್ ಎಲ್

ಇವರು

ರಸಾಯನಶಾಸ್ತ್ರ

ವಿಷಯದಲ್ಲಿ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ



ಪದವಿಗೆ ಫೆಬ್ರವರಿ-2020ರಲ್ಲಿ ನಿರ್ದಿಷ್ಟ ಅರ್ಹತೆಯನ್ನು ಪಡೆದಿರುವರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ
2020ರ ಫೆಬ್ರವರಿ ತಿಂಗಳ 25ನೇಯ ದಿನವಂದು ನಡೆದ 13ನೇಯ ಘಟಕೋತ್ಸವದಲ್ಲಿ
ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ನಿಕಾಯ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಪದವಿ ಪಡೆಯಲು ಆಂಗೀಕೃತರಾಗಿರುವರೆಂದು ಈ ಮೂಲಕ ದೃಢೀಕರಿಸುತ್ತೇವೆ.

We, the Chancellor, the Pro Chancellor, the Vice Chancellor and members of the Syndicate and the Academic Council of Tumkur University do hereby make known that

PARASHURAM L

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

in

CHEMISTRY

At the 13th Convocation held on the 25th day of February 2020 on being duly certified to have
qualified for the same in the month of February -2020 for the thesis

**"DESIGNING THE EFFICIENT TRANSITION METAL CATALYSTS AND
THEIR ACTIVITY STUDIES IN THE ORGANIC TRANSFORMATIONS:
A CATALYSIS APPROACH"**

in the **Faculty of Science & Technology**

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಅಂಚನದೊಂದಿಗೆ ನೀಡಿದೆ
Given Under the Seal of the University

Tumkur

ಕುಲಪತಿ
Vice Chancellor

उपविधि संख्या/Entry No. 2011BSZ8477

भारतीय प्रौद्योगिकी संस्थान दिल्ली

अभिषेक की अनुमति पर

विद्या वाचस्पति

की उपविधि

पियूषी नौटीयाल

को प्रदान करता है।

आपने इस उपविधि के अर्थों हेतु विविध विहित निर्धारित अपेक्षाओं को अगस्त 2017 में सफलतापूर्वक पूर्ण किया है।

सोध-प्रबंध शीर्षक : पेट्री और बल्वोडोवस प्रोडक्शन फ्रॉम एलगी सेल्स इन्स यूटिलाइजेशन इन ए डीजल इंजन
भारतीय प्रौद्योगिकी संस्थान की मुद्रा अंकित यह उपविधि आज दिनांक 4 नवम्बर 2017 को प्रदान की गई।

Indian Institute of Technology Delhi

Upon the recommendation of the Senate hereby confers the degree of

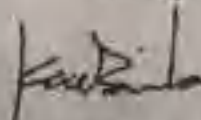
Doctor of Philosophy

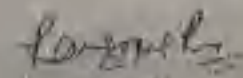
ON

PIYUSHI NAUTIYAL

Who has successfully completed the requirements under the regulations for the award of this degree in August 2017.
Thesis title : STUDY ON BROTHSEL PRODUCTION FROM ALGAE AND ITS UTILIZATION IN A DIESEL ENGINE

Given this day, the 4th of November 2017, under the seal of the Institute at Delhi in the Republic of India.


माननीय उपकुलपति-संस्था
Vice-Chancellor, Indian Institute of Technology


माननीय उपकुलपति-संस्था
Registrar, Indian Institute of Technology


माननीय
Head of the Department





THE UNIVERSITY OF NOTTINGHAM

It is hereby certified that after having satisfied all the
conditions prescribed by the University

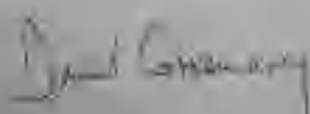
PRAKASH KRISHNAIAH

was on the

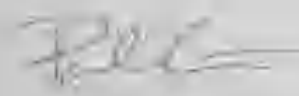
twenty-fourth day of July, 2017

duly admitted to the degree of

Doctor of Philosophy


Vice-Chancellor




Registrar



ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
 ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ
 ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ
 ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ

(ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ)

PRASANNA KUMAR S

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ
 ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

(ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ)

Director of Administration

(ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ)

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ
 ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ
 ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ, ಕೆ.ಎ.ಎ. ಕಟ್ಟಡ



Handwritten signature or mark.

UNIVERSITY

ಮೈಸೂರು



OF MYSORE

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

M.S.RAGHU

DOCTOR OF PHILOSOPHY

in

Chemistry

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

Title of the Thesis

Analytical Studies on Some Anti-Allergic Drugs

Under the guidance of

Dr. K. Basavarah



Date of Completion

ಪೂರ್ಣಗೊಳಿಸಿದ ದಿನಾಂಕ

22/03/2014

Admission Number

ಸಿ.ನಂ. ಪ್ರವೇಶ ಸಂಖ್ಯೆ

PH 14 116



Signature
ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿ

அண்ணாமலைப்

ANNAMALAI



பல்கலைக்கழகம்

UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING & TECHNOLOGY



0000575

செப்டம்பர் 2012 இல்

கட்டமைப்பப் பொறியியல்

பட்டம் பெற்றவர்

பாலமுருகன் இரா

தேர்ச்சிக்கூறு முடிவாக, அதில் முடிவாக அமைவதில் இது (தேர்ச்சிக்கூறு) பட்டம் பெற்றவர்

ஆய்வியல் அறிஞர்

மட்டம் பெற்றவர் கட்டமைப்பப் பொறியியல்

அண்ணாமலைப் பல்கலைக்கழக ஆளவை தலைவர் அறிவிக்கிறது

The Senate of the ANNAMALAI UNIVERSITY hereby certifies that BALAMURUGAN R

has been admitted to the

Degree of DOCTOR OF PHILOSOPHY in STRUCTURAL ENGINEERING.

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

his/her thesis to be qualified to receive the same in SEPTEMBER 2012.

TITLE OF THE THESIS

Disaster Management in Tsunami affected Portonova Beach

பட்டம் பெற்றவர் பட்டம் பெற்றவர்
பட்டம் பெற்றவர் பட்டம் பெற்றவர்

அண்ணாமலைப் பல்கலைக்கழகம்
Annamalai University

தலைவர்

Date: 04/10/2012

Dr. M. Manikandan

பட்டம் பெற்றவர்

Signature

Dr. M. Manikandan

பட்டம் பெற்றவர்

Signature

श्री सत्य साई यूनिवर्सिटी ऑफ टेक्नोलॉजी एण्ड मेडिकल साइंसेस, सीहोर
SRI SATYA SAI UNIVERSITY OF TECHNOLOGY & MEDICAL SCIENCES, SEHORE



डॉक्टर ऑफ फिलॉसफी

प्रमाणित किया जाता है कि
गिरी प्रसाद सी

को इस विश्वविद्यालय के सिविल इंजीनियरिंग विषय में
डॉक्टर ऑफ फिलॉसफी की उपाधि से वर्ष 2019 में विभूषित किया गया।
इनके शोध प्रबंध का विषय है :-

"Integrated Approach for Strengthening and Reducing the Maintenance of
Roads Using Foam Concrete with BC(Black Cotton) Soil".

DOCTOR OF PHILOSOPHY

This is to certify that

GIRI PRASAD C

has been

awarded to the degree of **DOCTOR OF PHILOSOPHY**
in the subject **CIVIL ENGINEERING** of this University
in the year 2019

The title of his/her thesis is :-

"Integrated Approach for Strengthening and Reducing the Maintenance of
Roads Using Foam Concrete with BC(Black Cotton) Soil".



[Signature]

कुलसचिव
Registrar

Doctor of Philosophy (Ph.D)
PROVISIONAL CERTIFICATE

It is certified that Roll No. **11CVD001 Geetha Varma V** daughter of **V Vijayan** who submitted the thesis titled '**Adsorption Potentiality of Biomaterials and Biogeocomposites in removing Copper from aqueous solution**' for the award of degree of Doctor of Philosophy has, after having fulfilled all the prescribed academic requirements for this Degree, been declared eligible for award of Ph. D Degree of this University.

11CVD001 Geetha Varma V is a bonafide student of this University and registered in the Department of Civil Engineering.



16 November 2017



Wg. Cdr. Manohar Vasudev (Retd.)
Controller of Examinations

N.B: This provisional certificate is valid till the Degree is issued.



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING AND TECHNOLOGY

ஜூலை, 2016 இல்

குடிமுறை பணிப் பொறியியல்

பிரிவில் நடத்திய தேர்வுகளில்

ஹர்ஷ் கே

தேர்ச்சியடைத்து ஆய்வினை மதிப்பிட்டு முறையாக அளிக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றிதழை,

ஆய்வினை அறிஞர்

மீட்டம் பெறுவதற்கு உரியவர் ஆகின்றார்

என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு திருவழி அறிவிக்கின்றது

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known

that

HARISH K

has been admitted to the

Degree of DOCTOR OF PHILOSOPHY in

CIVIL ENGINEERING

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

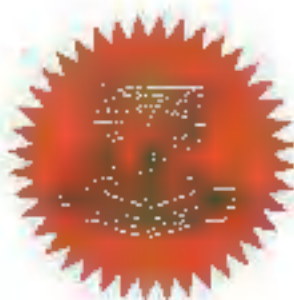
his/her thesis to be qualified to receive the same in JULY, 2016.

TITLE OF THE THESIS

A STUDY ON PROPERTIES & THERMAL RESISTIVITY OF GEO POLYMER
CONCRETE FOR DIFFERENT CURING REGIMES.

பல்கலைக்கழக முத்திரை பெறுகின்றது

Given under the seal of the University



அண்ணாமலைப்பல்கலைக்கழகம்

Annamalai University

திகதி:

Date: 30/01/2017

[Signature]

தலைவர் (தேர்வுகளைப்பற்றி) (அகாடமிக்)

Dr. Controller of Examinations (Academic)

[Signature]

Dr. K. Arumugam

பதிவுகாணி (பொதுப்பு)

Registrar (G)

[Signature]

Dr. S. Manian

தலைவர் (தேர்வுகள்)

Vice-Chancellor

JUG 2013

161

JAIN UNIVERSITY

H.C. Jain Charitable Trust Charitable
Trustee of the Board of Management of
Jain University (Incorporated in India) Charitable

Jagdish Ch.

Charitable Trust established in November 2012
with Reg. No. 1119/2012
and incorporated with the Dept. of

DOCTOR OF PHILOSOPHY

Dr. Jagdish Ch.

Dr. Jagdish Ch. Charitable Trust
has been established in November 2012
with Reg. No. 1119/2012
and incorporated with the Dept. of

Dr. Jagdish Ch.

Dr. Jagdish Ch.

जैन विश्वविद्यालय

Dr. Jagdish Ch. Charitable Trust Charitable
Trustee of the Board of Management of
Jain University (Incorporated in India) Charitable

जगदीश च.

Dr. Jagdish Ch. Charitable Trust
has been established in November 2012
with Reg. No. 1119/2012

DOCTOR OF PHILOSOPHY

Dr. Jagdish Ch. Charitable Trust
has been established in November 2012
with Reg. No. 1119/2012
and incorporated with the Dept. of

Dr. Jagdish Ch.

Dr. Jagdish Ch.

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ

201291260



Bangalore University



ಪರೀಕ್ಷಾರ್ಹತೆ ಪಡೆದವರನ್ನು ಪರಿಗಣಿಸಿ ಕಾನೂನುಬಾಹಿರವಾಗಿ
We the Chancellor, the Vice-Chancellor, the Vice-Chancellor
 ಕಾನೂನುಬಾಹಿರವಾಗಿ ಪರಿಗಣಿಸಿ ಕಾನೂನುಬಾಹಿರವಾಗಿ
the members of the University of Karnataka Council

Verifying that
N. Mahesha

ಮಾನ್ಯವಾಗಿರುವ ಉಪಾಧ್ಯಕ್ಷರು ಪ್ರತಿಷ್ಠಿತ ಪದವಿಪರೀಕ್ಷೆಯಲ್ಲಿ
has been duly admitted to the Degree of

Doctor of Philosophy

(Faculty of Science - Geology)

ಪದವಿ ಪಡೆದವರನ್ನು ಪರಿಗಣಿಸಿ ಕಾನೂನುಬಾಹಿರವಾಗಿ
In recognition of the fulfillment of requirements
 ಪದವಿ ಪಡೆದವರನ್ನು ಪರಿಗಣಿಸಿ ಕಾನೂನುಬಾಹಿರವಾಗಿ
for the said degree as indicated below

ಪದವಿಪರೀಕ್ಷೆಯ ವರ್ಷ: **2012**

Office of the

University of Karnataka

Chancellor

'Chemical Petrology of Archaean high-grade metasediments from Eastern Dharwar craton, Southern India : implications for tectonothermal history and evolution of the province'

Given under the seal of the University

B. Narayanaiah
 Vice-Chancellor

18/07/2013



Faculty of Engineering

This is to Certify that

M. Maralichajana Lu

Son/Daughter of M. Chengaiah Lu

has been certified by duly appointed Examiners

to be qualified to receive the Degree of

Doctor of Philosophy

and has been admitted to that Degree

DEPARTMENT OF STUDY

SUBJECT OF THE THESIS

Civil Engineering
 "Some Studies on the Use of
 Sulphur with Fly Ash and
 Sand Ash in Beach Sand-
 Asphalt Mixes for Pavements"

YEAR 1998

Given under the Seal of the University

SATHYABAMA UNIVERSITY

(Established under Government Order No. 100)

(A CHRISTIAN MINORITY INSTITUTION)

சத்யபாமா பல்கலைக்கழகம்

(அரசாங்கத்தால் ஏற்படுத்தப்பட்ட கிறித்தவ மனோரிதர அமைதி)

(அங்கீகரிக்கப்பட்ட கல்வியியல் அமைதி)

FACULTY OF CIVIL ENGINEERING



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

NATCHIMUTHU. S

has been awarded

the **DEGREE OF DOCTOR OF PHILOSOPHY,**

having been certified by duly appointed

examiners as being qualified to receive the same in **NOVEMBER 2016**

for the thesis entitled

BEHAVIOR OF STEEL PLATE REINFORCED CONCRETE COUPLING BEAM UNDER REVERSE CYCLIC LOADING

Given under the seal of the University, at Chennai this

EIGHT

day of

March 2017.

Given under the seal of the University


Registrar


Director


Director


Vice-Chancellor



Number: Nagsu/Chennai-1007/1
Tamil Nadu, INDIA

Date: 18/03/2017



This is to certify that

Niranjana P S

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Civil Engineering Sciences

for the thesis entitled

An experimental study of Fal-G Composites as
Building Material

*in recognition of the fulfillment of requirements
for the said degree*

PH 000399
13

Given under the seal of the University

USN: 1RV06PCN01



BELGAUM
DATE : MAY 09, 2015

VICE CHANCELLOR

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

PH
18 000023

Provisional Degree Certificate

This is to certify that Mr./Ms. Vinay Kumar B M

*is qualified for the award of the degree of
Doctor of Philosophy Faculty of Civil Engineering Sciences (w.e.f. 20.03.2018)
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

*"A Quantitative Approach towards Engineering Sustainable Construction of
Building Systems"*

with University Seat No. 4VM12PCN01

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belagavi

Date : 19.04.2018

Annig
Registrar (Evaluation)

Anna University



Reg. No. 1000000000000000

The Syndicate of the Anna University hereby makes known that
ASHOKKUMAR P 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

DEVELOPMENT APPROACH FOR EVENT-DRIVEN DYNAMIC COMPOSITION OF WEB SERVICES IN SOA

Gives under the Seal of the University



Control No. 927
11/11
January 2014

Controller of Examinations

Registrar

Vice-Chancellor

**Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
UNIVERSITY**

(Declared UGC of the UGC Act 1956)



ENGINEERING AND TECHNOLOGY

The Board of Management and the Academic Council of

this University hereby make known that

RAJALAKSHMI .B

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

IN

COMPUTER SCIENCE



having completed all the Academic requirements and having been
certified by duly appointed Examiners to be qualified to receive the
same in **JUNE 2014**

Title of the thesis:

**DISTRIBUTED SOFTWARE INTENSIVE SYSTEM MODELS FOR QUALITY
ENHANCEMENT**



Given under the seal of the University



Uthmaniyar 600 095
Date: 03 - FEB - 2015

C.B. Manivelu
Registrar

[Signature]
Vice-Chancellor

[Signature]
President



Centre Code - 111

சென்ட்ரல் கോட் - 111

பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

(Established by the Government of Tamil Nadu in 1962, Recognized by UGC under 2(F) of DCE, for
Members Association of Indian Universities and Association of Commonwealth Universities, Accredited by NMAC, 20th Nov 2007)

அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சித் துறை ஜனவரி 2008

ஆம் ஆண்டு நடத்திய கணிப்பொறியியல் தேர்வில்

அ. கிளாரா கண்மணி

என்பவர் தனிச்சிறப்புடன் முதல் வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க
தேர்வாளர்கள் சான்றளித்தபடி ஆய்வியல் துறைத் தலைவர்
பட்டத்தை அவருக்குப் பல்கலைக்கழக இயக்குனரின் வழங்குகிறது.

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes
known that A. CLARA KANMANI has been
admitted to the Degree of MASTER OF PHILOSOPHY, having
been certified by duly appointed Examiners to be qualified to receive the same in
COMPUTER SCIENCE at the Examination held in
JANUARY 2008 and placed in FIRST CLASS WITH DISTINCTION.

Given under the seal of the University.



திருச்சிரப்பள்ளி
Tiruchirappalli

தாள் :
Dated : 29th November 2008

E 07747 ISSUED ON : - 9 NOV 2008

பதிவரை Registrar

துணைவேந்தர் Vice-Chancellor

ANNA UNIVERSITY CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Roll No. : 1001001

Whereas, the student has completed the study in the degree of B.A. in English and has secured the following marks in the examination held on 10/01/2010.

Roll No.	1001001
Name of the Candidate	ANNA
Age	18
Course of Study	B.A. in English
Year	1st
Examination Held	10/01/2010
Grade	1st
Percentage	75.00

It is hereby declared that the student has secured the following marks in the examination held on 10/01/2010.

Examination Held : 10/01/2010

Signature of the Candidate : ANNA

Signature of the Head of the Institution : [Signature]

Signature of the Registrar : [Signature]



ACHARYA NAGARJUNA UNIVERSITY



FACULTY OF ENGINEERING

This is to certify that

Gandharalla Gantasiva Rao

has been duly admitted to the

Degree of

Doctor of Philosophy

in this University. he/she having been

declared to be qualified to receive the same

in 2007 in Computer Science & Engineering

Given under the Seal of the University

NAGARJUNA NAGAR
522 510

19 FEB 2008

G. G. S. Rao
Vice - Chancellor



FACULTY OF ENGINEERING

This is to certify that

Vudata Hanuman Kumar

has been duly admitted to the

Degree of Doctor of Philosophy

in **Computer Science and Systems Engineering**

in this University, he/she having been declared to be

qualified to receive the same in **2015**

Given under the Seal of the University

Vice-Chancellor

18th January, 2017



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

PH
TB 000902

Provisional Degree Certificate

This is to certify that Mr./Ms. R JAYA

is qualified for the award of the degree of

Doctor of Philosophy Faculty of Computer & Information Sciences w.e.f. 10.01.2020

*of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

TEXT MINING APPROACH FOR TRADITIONAL INDIAN MEDICINE

with University Seat No. 1AH15PEJ01

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belagavi

Date : 13.01.2020



Annig

Registrar (Evaluation)



ANNA UNIVERSITY
CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No. : **LAR014019**

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	: SWATHI K
Registration Number	: 20074032007/Ph.D./AR6
Degree	: Ph.D.
Department/Centre	: COMPUTER SCIENCE AND ENGINEERING
Faculty	: INFORMATION AND COMMUNICATION ENGINEERING
Date, Month & Year of viva-voce Examination held	: 18.08.2014
Syndicate Resolution Number	: Approved in the Special Syndicate held on 24.11.2014
Title of the Thesis	: A NOVEL APPROACH FOR MRI IMAGE ANALYSIS USING SOFT COMPUTING TECHNIQUES


Controller of Examinations

Anna University



Reg.No.2012141035/RG



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

Title of the Thesis:

DESIGN AND DEVELOPMENT OF DECISION-MAKING FRAMEWORK FOR SMALL DATASET

Given under the seal of the University



Cheennai 600025

India

December 2018

Controller of Examinations

Registrar

Vice-Chancellor

Clemson University



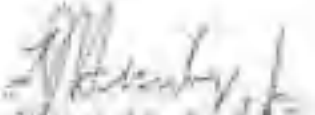
On the recommendation of the Faculty and by virtue of the authority
vested in them the Trustees of the University
have conferred upon

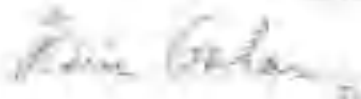
Manoj Nayak

the degree of

Doctor of Philosophy

In testimony whereof, the seal of the University and the
signatures of its officers are hereunto affixed this
8th day of May, 2000


James D. Eason
President of the University


David R. Nelson
and

Kevin Graham

Register No: 090CDKPC56003

Form No: 00765



KARPAGAM UNIVERSITY

Karpagam Academy of Higher Education

(Established Under Section 3 of UGC Act 1956)

Coimbatore - 641 001, India

The Board of Ministration of the KARPAGAM UNIVERSITY hereby certifies that S. MOHAN KUMAR

has been awarded with DEGREE OF DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE AND ENGINEERING

under the FACULTY OF ENGINEERING

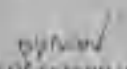
having been awarded by the duly constituted authorities as qualified to confer the same on 20th February 2015

Convenor:

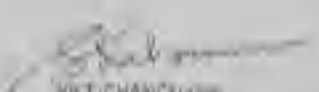
Date: 19.12.2015



FOR SEAL OF UNIVERSITY


CONVENOR OF EXAMINATIONS


REGISTRAR


VICE-CHANCELLOR



Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
UNIVERSITY

ENGINEERING AND TECHNOLOGY

The Board of Management and the Academic Council of
this University hereby make known that

GU. RUPRASAD NAGRAJ

has been admitted to the Degree of

Doctor of Philosophy

having completed all the Academic requirements and having been
certified by duly-appointed Examiners to be qualified to receive the

same on **APRIL 2012**

Title of the thesis: **COMPUTER SCIENCE**

**AN EVALUATION OF THE BIRTH ALGORITHM IN REDUCTION OF
DEAD MILEAGE AND OPTIMAL SCHEDULING FOR URBAN
TRANSIT SYSTEM A CASE STUDY OF BMTL (BANGALORE
METROPOLITAN TRANSPORT CORPORATION)**

Given under the seal of the University



Dr. M.G.R. Educational and Research Institute University

Chennai - 600 030

Dr. M.G.R. Educational and Research Institute University

Dr. M.G.R. Educational and Research Institute University

Dr. M.G.R. Educational and Research Institute University

AMRITA VISHWA VIDYAPEETHAM
UNIVERSITY
ESTABLISHED UNDER THE UGC ACT, 1956
AMRITA SCHOOL OF ENGINEERING
KASAVANATHALLI, CARMELARAM POST, BANGALORE - 560 075

Dr. Rakesh S.G.
PGP Co-Chair
Faculty of Engineering

11th December 2017

To,
Ms. Nilima Kulkarni
BL EN/D/CSE/2006
Research Scholar
Department of CSE-
ASE-B

Ms. Nilima Kulkarni,

This is to acknowledge receipt of the thesis titled "Eye Gaze-Based Optic Disc Detection System" submitted by you on 28th September 2017.

A letter to this effect is being issued based on the request submitted by you.

 11 DEC 20

Dr. Rakesh S.G.
PGP Co-Chair, Faculty of Engineering

Copy to:

1. Dr. J. Anandha, Thesis Guide
2. File

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

NO. $\frac{A}{14}$ 00360



Upon the recommendation of the Senate hereby confers on

PAMELA VINITHA ERIC

the degree of

Doctor of Philosophy

in the year 2018

Based on the thesis entitled:

**SEED BASED DNA SEQUENCE COMPRESSION WITH TANDEM REPEAT
ELIMINATION**

Given at the National Institute of Technology Calicut

on 29th September, 2018


Registrar


Director


Chairperson
Board of Governors

Auburn University

By authority of the Board of Trustees, and
in recommendation of the Faculty hereby confer on

Wesley C. Smith

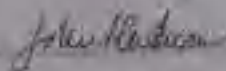
the degree

Doctor of Philosophy

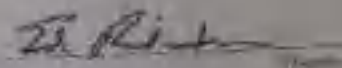
with all honors, rights and privileges thereto pertaining.
In Witness Whereof the Seal of the University and the signatures
of the duly authorized officers are herewith affixed.
Given at Auburn, in the State of California, this
fifteenth day of December, two thousand one.

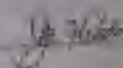


John H. H. H.









John H. H.

The University of Florida

has conferred on

Ranjit Swanandan

the degree

Doctor of Philosophy

and all the rights and privileges thereto appertaining.

In Witness Whereof, this diploma, duly signed, has been issued
and the seal of the University affixed.

Issued by the Board of Trustees upon recommendation of the Faculty of

The College of Engineering

at Gainesville, this eighth day of May, 2002


R. L. Smith
President


J. B. Smith
President




J. C. Smith
President


J. R. Smith
President



Reg.No.11170632029/RC



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

Title of the Thesis:

IMPROVING THE LIFETIME AND RELIABILITY OF WIRELESS SENSOR NETWORKS USING FAULT TOLERANT CLUSTERING AND MULTIPATH ROUTING

Given under the seal of the University



Chennai 600025
India
December 2018

Controller of Examinations

Registrar

Vice-Chancellor



பொறியியற் புலம்
FACULTY OF ENGINEERING

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு
ஸ்ரீனிவாசுலு மண்டா

கனீனி இயல் மற்றும் பொறியியல் பாடப்பிரிவில்

அறிஞர் பலம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற
தேர்வினைப் பள்ளித்தவரது ஜூலை 2015 ஆம் ஆண்டில்
ஆய்வுப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY
hereby makes known that **SREENIVASULU MANDA**
has been admitted to the Degree of Doctor of Philosophy in
COMPUTER SCIENCE AND ENGINEERING

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



Given under the seal of the University.

திருநெல்வேலி, இந்தியா
Tirunelveli, India
வா.த.த. 11-09-2015

S. Prabahar
(Dr. S. Prabahar)
தொண்டாளர்
Controller of Examinations

P. Govindaraju
(Dr. P. Govindaraju)
பதிவாளர்
Registrar

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

University of Massachusetts



*The Board of Trustees in accordance with the recommendations
of the President of the University and of the Chancellor
and Faculty of the University of Massachusetts Lowell,
hereby confers upon*

Srinivas T. Rao

the Degree of

Doctor of Philosophy

*in recognition of the satisfactory completion of the Course of Study
prescribed for that Degree.*

*Given at Lowell
May 10, 2001*



[Signature]

[Signature]

[Signature]



SAVEETHA

INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES
 (Declared as Deemed to be University by under Section 3 of UGC Act, 1956)

Faculty of Engineering and Technology
The Board of Management hereby makes known that
Thirukhamaran R

Reg. No. 161403016

as been conferred the Degree of

Doctor of Philosophy (Ph.D.) in
Electronics and Communication Engineering

he/she having been certified by duly appointed examiners
to be qualified to receive the same in June 2019

Title of the Thesis

Analysis of trust based security framework for internet of things

Given under the Seal of this University

Dr.

Rakesh Kumar Sharma
Dir - Chancellor

Chemical, Biotech
Date: 18-11-2019



அண்ணாமலைப்
ANNAMALAI



பல்கலைக்கழகம்
UNIVERSITY



பொறியியற்புலம்
FACULTY OF ENGINEERING & TECHNOLOGY

மார்ச் 2017 இல் கணினி அறிவியல் பொறியியல் பிரிவில்
நடத்திய தேர்வுகளில் வெங்கடரமணா.கி தேர்ச்சியடந்து
ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினரின் அனுமதிப்படி
ஆய்வியல் அறிஞர் பட்டம் பெறுதற்கு உரியவன் ஆகின்றான்
என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக்குழு தீர்மானித்து அறிவிக்கின்றது

The Syndicate of the Annamalai University hereby makes known
that VENKATARAMANAK has been admitted to the
Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE AND ENGINEERING
he/she having been certified by duly appointed examiners who valued
his/her thesis to be qualified to receive the same in MARCH 2017.

TITLE OF THE THESIS

**ENHANCED QOS IN MANETS USING ANALYSIS OF CHANNEL AWARE-AOMDV ROUTING
PROTOCOL TO SECURE AND RELIABLE MULTIHOP WIRELESS NETWORK**

Given under the seal of the University



Senthilvel

Dr. S. Senthilvel

தலைவர் தேர்வுகாணாயல் (அகல்) சார்த்து

Dir. Controller of Examinations (Academics)

K. Jagan

Dr. K. Jaganmohan

பதிவாளர்

Registrar

S. Narayan

Dr. S. Narayan

தலைவர் தேர்வுகாணாயல்

Vice-Chancellor

Annamalai Nagar - 608002

Dated :- 22/12/2017

The Board of Trustees of the
University of Cincinnati

on the recommendation of the Faculty of the

Graduate School

of the University, does hereby confer upon

Vivek Jain

the degree of

Doctor of Philosophy

*with all the rights and privileges appertaining thereto. Given at Cincinnati, Ohio
this ninth day of June, two thousand and seven.*


Chairman of the Board of Trustees


Secretary of the Board of Trustees




President of the University


University Dean of the Graduate School



The Chancellor, Vice-Chancellor and Members
of the Court of the University hereby

that the Degree of

Doctor of Philosophy

(Science)

has been conferred on the twentieth day of
the month of October in the year one
thousand nine hundred and seventy years
at Ahmedabad, on A. G. Ananth

who has been found duly qualified
for the same.

In Testimony whereof we set the Seal of the
said University and the Signature of the said
Chancellor

Handwritten Signature

Dept. of Telecommunication & P. O. System
B. V. College of Engineering
Warananagar - 380 015

Handwritten Signature

Chancellor



AMRITA
VISHWA VIDYAPEETHAM
DEEMED TO BE UNIVERSITY

H 05804

The Board of Management of the University hereby confers the degree of
Doctor of Philosophy

under the Faculty of Engineering

on

K.ARAVINDA

*in recognition of the successful completion of all the requirements for the
award of the said Degree including and defending the thesis entitled*

**"ARCHITECTURE AND DESIGN OF AN INTEGER-N CHARGE PUMP PHASE LOCKED LOOP FOR 2.4 GHZ
WIRELESS APPLICATION"**

Given on this day, the 20th of August 2020, under the seal of the University.



HQ: Coimbatore-641 112, India.
Campus: Bengaluru

Dr. K. Sankaran
Registrar

Date of Issue: 20th of August 2020

Sri Mata Amritanandamayi Devi
Chancellor

Dr. P. Venkat Rangan
Vice-Chancellor

Swami Amritaswarupananda Pun
President



Reg.No. J00910412002/RC

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

Title of the Thesis:

**PERFORMANCE ANALYSIS OF COMPUTATIONAL INTELLIGENT
TECHNIQUES FOR ENERGY EFFICIENCY IN WIRELESS SENSOR
NETWORKS**

Given under the Seal of the University





Reg.No.2011250007/HG



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

Title of the Thesis:

ELECTROMAGNETIC MODELING OF HIGH SPEED PCBs MITIGATING SIGNAL INTEGRITY ISSUES USING PARTIAL ELEMENT EQUIVALENT CIRCUIT METHOD

Given under the seal of the University



Classical 000025
India
December 2018

[Signature]
Controller of Examinations

[Signature]
Registrar

[Signature]
Vice-Chancellor



பொதுப்பொறியியல்

FACULTY OF ENGINEERING & TECHNOLOGY



00124410

கனம் தலைவர் அவர்களே, கீழ்க்கண்டவர்கள், கீழ்க் குறிப்பிடப்பட்ட
பெயர்களைக் கொண்டு, கீழ்க்கண்டவர்கள், கீழ்க் குறிப்பிடப்பட்ட

பெயர்களைக் கொண்டு, கீழ்க்கண்டவர்கள், கீழ்க் குறிப்பிடப்பட்ட
பெயர்களைக் கொண்டு, கீழ்க்கண்டவர்கள், கீழ்க் குறிப்பிடப்பட்ட
பெயர்களைக் கொண்டு, கீழ்க்கண்டவர்கள், கீழ்க் குறிப்பிடப்பட்ட
பெயர்களைக் கொண்டு, கீழ்க்கண்டவர்கள், கீழ்க் குறிப்பிடப்பட்ட

The Senate of the ANNAMALAI UNIVERSITY hereby makes known
that, **BURENDIRAN J** has been admitted to the
Degree of **DOCTOR OF PHILOSOPHY - ELECTRONICS AND COMMUNICATION
ENGINEERING,**

having been certified
by duly appointed Board of Examiners who valued
himself to be qualified to receive the same, on **SEPTEMBER, 2012**

ஒரு பரிகாரம்

A Proficient code for 3-D Geometry facts based on shell generation and
wavelet transform

சென்னைப் பல்கலைக்கழகம்
சென்னைப் பல்கலைக்கழகம்

[Signature]
Dr. S. Srinivasan
Vice-Chancellor

[Signature]
Dr. S. Srinivasan
Vice-Chancellor



This is to certify that
Jayadeva T S
has been conferred the Degree of
Doctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

Design and Analysis of RF-CMOS Transceiver subsystem for
High Data Rate Applications

in recognition of the fulfillment of requirements
for the said degree

PH
13

000682

Given under the seal of the University

USN: 1SG10PEN01



BELGAUM
DATE

JANUARY 21, 2017

VICE CHANCELLOR



This is to certify that

M.JAYANTHI

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical & Electronics Engineering Sciences

for the thesis entitled

*Interactive Segmentation Techniques For The Visualization Of
Abdominal Ct Images*

*in recognition of the fulfillment of requirements
for the said degree*

PH 001992

13

Given under the seal of the University

USN: IBM10PEN02



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR



AMITY UNIVERSITY

UTTAR PRADESH

*on recommendation of the Academic Council
has conferred upon*

Kesar Singh

the degree of

**Doctor of Philosophy
(Management)**

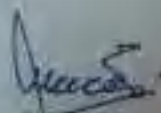
on the thesis titled :

**"To Drive Management Learning Through Science of
Spirituality with Special Reference to Sikhism"**

*having completed in the year 2018 in witness whereof
the Seal of the University is hereunto affixed.*

Given on this 3rd day of November, 2018.




Registrar


Vice Chancellor


Chancellor



SINGHANIA UNIVERSITY

Doctor of Philosophy (Ph.D.)

The Board of Management of the Singhania University confers on Mr./Ms. **B.mohan Kumar Naik** Son/Daughter of **Sh. Balakrishna (late)** the degree of Doctor of Philosophy (Ph.D.) in **Electronics & Communication Engineering** on his/her having successfully completed the prescribed requirements for the said degree on 26th February 2014. The degree has been awarded in compliance of 'UGC' (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009.

His/Her title of the thesis was: "**PA POWER ESTIMATION TECHNIQUE IN DIGITAL VLSI CIRCUITS**".

Given under the seal of the University

Registrar

Vice-Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA



This is to certify that

NAVEEN H

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical & Electronics Engineering Sciences

for the thesis entitled

*Low Power and High Speed MB-OFDM Communication
System for Underwater Acoustic Network Using DTCDWT*

*in recognition of the fulfillment of requirements
for the said degree*

PH 19 000591 Given under the seal of the University

USN: 1CK13PEN01



BELAGAVI

DATE : Feb 08, 2020


VICE CHANCELLOR

SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act. 1956)

(A CHRISTIAN MINORITY INSTITUTION)

சத்யபாமா பல்கலைக்கழகம்

(பல்கலைக்கழக மாண்புக் குழு பீதி 3, 1956-ல் கீழ் நிறுவப்பட்டது)

(கிறித்தவ சிறுமான்மயபிணி கல்வி நிறுவனம்)

FACULTY OF ELECTRICAL ENGINEERING



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

NISHA, K.C.R

has been conferred

the **DEGREE OF DOCTOR OF PHILOSOPHY**, having been certified by duly appointed examiners to be qualified to receive the same in **MARCH 2015** for the thesis entitled

SIMULATION AND IMPLEMENTATION OF PV POWERED IMPEDANCE SOURCE INVERTER SYSTEMS

given under the seal of the university, at Chennai this **TWENTY SEVENTH** day of **April 2015**

Given under the seal of the University



[Signature]
Registrar

[Signature]
Director

[Signature]
Director

[Signature]
Vice-Chancellor



Date April 27, 2015

Jeppiaar Nagar, Chennai - 600119,
Tamil Nadu, INDIA



This is to certify that

PIRUTHIVIRAJ P

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical & Electronics Engineering Sciences

for the thesis entitled

*Performance Analysis of Multimedia Traffic Using All-Optical
Network In Various Topologies*

*In recognition of the fulfillment of requirements
for the said degree*

PH 001300

Given under the seal of the University

USN: IOX11PEM02



BELGAUM

DATE : March 18, 2019


VICE CHANCELLOR



Ministry of Education, Government of India
Central Board of Secondary Education - CBSE

For the year 2023-24

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For the year 2023-24

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For the year 2023-24

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அண்ணாமலைப் பல்கலைக்கழகம்
ANNAMALAI UNIVERSITY

சென்னை - 600 081



பொதுப்பரீட்சைகள்
FACULTY OF ENGINEERING & TECHNOLOGY

தலைவர் அவர்கள் தயவுசெய்து கீழ்க்கண்ட விவரம்
படிப்பிடுதல்படிப்புகள்
இயக்குனர் க. குமாரசுந்தரம்
புதிதாக அறிவிக்கப்பட்டிருக்கின்ற தலைவர் அவர்களின்
பதவியைப் பற்றித் தகவல் அளிப்பது உரியதாகும். அவர்கள்
பதவியைப் பற்றித் தகவல் அளிப்பது உரியதாகும். அவர்கள்
பதவியைப் பற்றித் தகவல் அளிப்பது உரியதாகும்.

The position of the Department of Engineering Technology
Jeyakumar - K
DOCTOR OF PHILOSOPHY in ELECTRICAL AND ELECTRONICS
ENGINEERING
The position of the Department of Engineering Technology
Jeyakumar - K
DOCTOR OF PHILOSOPHY in ELECTRICAL AND ELECTRONICS
ENGINEERING

புதிதாக அறிவிக்கப்பட்டிருக்கின்ற தலைவர் அவர்களின்

பதவியைப் பற்றித் தகவல் அளிப்பது உரியதாகும். அவர்கள்
பதவியைப் பற்றித் தகவல் அளிப்பது உரியதாகும். அவர்கள்
பதவியைப் பற்றித் தகவல் அளிப்பது உரியதாகும்.

தலைவர் அவர்கள் தயவுசெய்து கீழ்க்கண்ட விவரம்



புதிதாக அறிவிக்கப்பட்டிருக்கின்ற தலைவர் அவர்களின்
பதவியைப் பற்றித் தகவல் அளிப்பது உரியதாகும். அவர்கள்
பதவியைப் பற்றித் தகவல் அளிப்பது உரியதாகும்.

புதிதாக அறிவிக்கப்பட்டிருக்கின்ற தலைவர் அவர்களின்
பதவியைப் பற்றித் தகவல் அளிப்பது உரியதாகும். அவர்கள்
பதவியைப் பற்றித் தகவல் அளிப்பது உரியதாகும்.

S.No. / PG No.



Mewar University

Chittorgarh

As per the recommendation of the Academic Council of Mewar University, U.M. hereby make known that

Upon the recommendation of the Academic Council of Mewar University, U.M. hereby make known that

RAGHAVENDRA KULKARNI

Enrollment No. MUR1201854

having pursued a course of study prescribed by this University and having passed the examination by thesis, has been awarded the Degree of

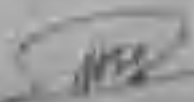
DOCTOR OF PHILOSOPHY (Ph.D.)

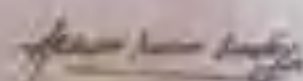
in

ELECTRONICS & COMMUNICATION ENGINEERING
under the Faculty of
ENGINEERING AND TECHNOLOGY

The thesis entitled
Uniform and optimized SYD Algorithm for unique face recognition

has been accepted by the University in January 2016.
Given under the Seal of the University.


President/Vice Chancellor


Chairperson/Chancellor

07-01-2016
Date



This is to certify that

Reema Sharma

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

**Modeling and Analysis of Dynamic Packet Scheduling
Scheme in Internet of Things**

*in recognition of the fulfillment of requirements
for the said degree*

000984

USN-10X10PER01



BELGAUM

January 04, 2019



Mewar University

(Established under section 2 (f) UGC Act, 1956)

Register No M1109EALT3024

Date 28th May 2013

Provisional Certificate - Ph.D.

This is to certify that S.KARTHIKEYAN

has qualified himself / herself for the award of the Degree

of Doctor of Philosophy in Faculty of Electrical Engineering

on MAY 22nd, 2013 and he / she having been

certified by duly appointed Examiners and approved by

Senate of the University.

TITLE Intelligent controller for multiple parameters AC to DC converter

[Signature]
Vice-Chancellor



**We, the Chancellor. Vice Chancellor and Members
of the Court of the Gujarat University certify
that the Degree of**

Doctor of Philosophy (Engineering)

has been conferred on the thirtieth day of
the month of November in the year one thousand
nine hundred and ninety nine at Ahmedabad, on
Jain Sanjay Tarachandra who has been found
duly qualified for the same.

In Testimony whereof we set the Seal of the
said University and the Signature of the said
Chancellor.

Sunder Singh Bhargava

Chancellor.

Rashtrasant Tukadoji Maharaj Nagpur University

"Established by Government of India, Previous Education Department by Notification No. 515 dated the 1st of August, 1948 & presently a State University governed by Maharashtra Universities Act, 1966"



Doctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (Faculty of Engineering & Technology)

*This is to certify that
Shri Sanjeev Sharma having been found to be
duly qualified on examination of the thesis on
"Design of A Fault to Locant Algorithm for JPG
As By Shifting The Configuration Data To enhance
The Performance and Yield" was admitted to the
degree of Doctor of Philosophy (अभियांत्रिकी आणि
तंत्रशास्त्र आचार्य) in the Faculty of Engineering &
Technology in this University in the year 2016.*

Nagpur

Dated : 19-11-2016


Vice-Chancellor



सनराईज विश्वविद्यालय SunRise University



Tehsil Ramgarh, District - Alwar (Rajasthan)
Established by Govt. of Rajasthan vide SunRise University Act, 2011
and Recognized by UGC & Govt. of India u/s 2(f) of the Act, 1956
Website: www.sunriseuniversity.in

PROVISIONAL CERTIFICATE

This is to certify that **Shreesha Kalkoor M** Reg. No. **SRU/Ph.D/Jan/2013/0108** has successfully defended his thesis entitled, "*Design of an Adaptive Image Processing Model for the Analysis of Diabetic Nephropathy Images*" in his viva-voce examination held on 09th April, 2018 for the award of **DOCTOR OF PHILOSOPHY** in **ELECTRONICS & COMMUNICATION ENGINEERING**. The Degree will be issued in the convocation.

Place: Alwar

Date of Issue: 04.05.2018

Despatch No. SRU/Exam/Ph.D/18-19/000/004



Registrar/Dy.Registrar

Note: This Provisional certificate is valid till the University awards Degree/Diploma/Certificate.



FACULTY OF ENGINEERING

The Board of Management of the Bharath University hereby makes known that R SIVAKUMAR born on 23-Jul-1978 has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ELECTRONICS AND COMMUNICATION, he/she having satisfactorily completed the prescribed programme of study and having been certified by duly appointed examiners to have qualified to receive the same at the Examination held on OCTOBER 2011 with Registration Number D07EC019

Thesis Title :

Classification Problems Using Intelligent Algorithms.



Given under the Seal of the University.

DATE 18 DEC 2011
TP3, Aganeri Road,
Chennai-600 073
Tamil Nadu

[Signature]
CONTROLLER OF
EXAMINATIONS

Dr. M. PREMIEYASWARI
B.Sc., B.Tech., M.B.A., Ph.D.

[Signature]
REGISTRAR

Dr. Prof. S.M. RAJENDRAN
M.D., B.Tech., M.B.A.

[Signature]

Dr. E.F. THOGEASANI



This is to certify that

Vasudha S

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

**Development of High Performance Face
Recognition Systems**

*in recognition of the fulfillment of requirements
for the said degree*

Given under the seal of the University

000570

USN-1HT09PEN01



DATE MAY 17, 2018

This is to certify that

DR. BIRENDRA KUMAR SINGH

*has been admitted to the
Degree of*

DOCTOR OF PHILOSOPHY (Ph.D.)

in recognition of his/her research work entitled

MODELING AND ANALYSIS OF DISTRIBUTED GENERATION SYSTEMS

and he/she having fulfilled the prescribed requirements

on 01st April 2011



Vice-Chancellor

Anna University



The *Vice-Chancellor* of the Anna University, hereby *certifies* that
SAN HARISON D has been awarded the **DEGREE OF DOCTOR OF
PHILOSOPHY** under the Faculty of Electrical Engineering, having been
admitted 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.

Given this 11th day of

**PHOTO BASED UNIT COMMITMENT WITH ENVIRONMENTAL
CONSTRAINTS IN RESTRUCTURED POWER SYSTEM**



Given under the Seal of the University

Vinayaka Missions University



FACULTY OF ENGINEERING AND TECHNOLOGY

The Board of Management of the Vinayaka Missions University
hereby makes known that

Elumalai R

has been admitted to the Degree of
Doctor of Philosophy in Electronics and Communication Engineering
having been certified by the duly appointed Examiners
to have qualified to receive the same in the year
2012 for the thesis entitled

**Case Study on Embedded Implementation of Advanced Encryption
Standard Algorithm with 8X8 Maximum Distance
Separable Matrix to Increase Diffusion Property of
Algorithm.**

Overlord, President of the University

Reg. No. **JTAS900002**

Salem, India

Dated: **07-07-2012**

Registrar

V. K. Srinivasan
Vice-Chancellor



Anna University



The University of Anna University, North India, India, 2011
GANESH C. has been awarded the DEGREE OF DOCTOR OF
PHILOSOPHY under the Faculty of Electrical Engineering, having been
accepted by the duly appointed examiners to be qualified to receive the same in the
year 2012. The degree has been awarded in compliance with the University
Grants Commission Regulations 2009.

and of the Thesis

INVESTIGATIONS ON PARAMETER ESTIMATION AND
CONTROLLER DESIGN FOR BLDC DRIVE FED POSITION CONTROL
SYSTEM

Given under the seal of the University



Reg.No.11110432005/BC



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

Title of the Thesis:

CERTAIN INVESTIGATIONS ON SPEED CONTROL OF PMBLDCM USING INTELLIGENT CONTROLLERS

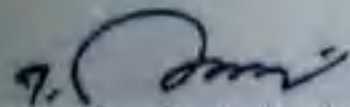
Given under the seal of the University

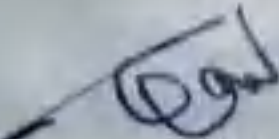


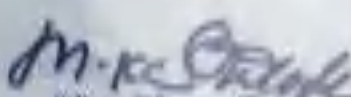
Chennai (600025)

India

June 2018


Controller of Examinations


Registrar


Vice-Chancellor



ANNA UNIVERSITY CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.: RAR013106

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	: MOHAN DAS R
Registration Number	: 11110431014
Degree	: Ph.D.
Department/Centre/Subject	: ELECTRICAL AND ELECTRONICS ENGINEERING
Faculty	: ELECTRICAL ENGINEERING
Date, Month & Year of Viva-Voce	: 18.06.2020
Examination held	: 18.06.2020
Title of the Thesis	: IMPROVED RANDOM SPACE VECTOR PULSE WIDTH MODULATION FOR PERFORMANCE ENHANCEMENT IN VOLTAGE SOURCE INVERTER




Controller of Examinations

Chennai - 600 025

Date: 05-SEP-2020

REG. NO. 75507002



Faculty of Engineering and Technology

The Board of Management of the SRM University

hereby makes known that

PALANIVEL P

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 DECEMBER - 2012

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

Given under the seal of the University



DATED: 28-DEC-2012

SRM NAGAR, KATTANKULATHUR, 603 203
KANCHIPELIKAM DISTRICT, TAMILNADU, INDIA


REGISTRAR


VICE-CHANCELLOR



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

PRASANTH RAM J

The degree of
DOCTOR OF PHILOSOPHY

in recognition of the research work entitled

EXTRACTION OF PV PARAMETERS AND GLOBAL MAXIMUM
POWER POINT TECHNIQUES USING OPTIMISATION ALGORITHMS

for having fulfilled the prescribed requirements.

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

given this day the 09 July 2018



Signed under the seal of this university

Vice-Chancellor

Registrar

The University of Kansas

By the authority of the Board of Regents of the State of Kansas and
upon the recommendation of the Faculty of the

Graduate School

confers upon

Rajin Garudachar

the degree of

Doctor of Philosophy

Engineering

with all its rights, privileges, and responsibilities.

Given under the seal of the University of Kansas

this twenty-first day of May, nineteen hundred and eighty-nine.

Attest: Board of Regents

Richard W. Coddens
Chairman

Robert H. Coughlin

Charles F. Hentz

John P. Thompson

Richard P. Hentz

Miss A. B. B. B. B.
Clerk

John W. B. B. B.
President of the Board

Frederick W. B. B. B.
Secretary



SHRI JAGDISHPRASAD JHABARMAL THIRUWALA UNIVERSITY, JHUNHUNU

श्री जगदीशप्रसाद झाबरमल टिबड़ेवाला विश्वविद्यालय, झुंझुनू

[Established UGC] of UGC Act 1956, vide Act No. F2111/1581/2005 of Govt. of Rajasthan
Vedya Nagar, Jhunjhuna-Chakra Road, Jhunjhuna-333001, Rajasthan
[Conducted by Shri Rajasthan Seva Sangh, Mumbai]



**PROVISIONAL CERTIFICATE
DOCTOR OF PHILOSOPHY**

Name of Student	Ramanathan .P
Mother's Name	P.Andal
Father Name	Padmnabhan
Registration Number	18710817
Enrolment Number	PEN/PEO/10/00013

University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph.D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty	Engineering
2. Subject	Electronics and Communication Engineering
3. Title of Thesis	A STUDY ON WIRELESS SENSOR NETWORK USING ZIGBEE & ITS APPLICATIONS
4. Name of Guide	Dr. Muthu S.
5. Date of Registration	16 th July, 2010
6. Date of Declaration of Result	07 th November, 2012

Ref. No.: JJT/Ph.D. Degree/ 0812/0017

For Director Research/ Registrar

Issue Date: 01st November, 2012

REGISTRAR
JJT UNIVERSITY,
CHUDLA (JHUNJHUNA)

Anna University



100th ANNIVERSARY

The Syndicate of the Anna University hereby makes known that **RAMKUMAR S** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Electrical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2011.

Title of the thesis

PERFORMANCE ENHANCEMENT STRATEGIES FOR POWER CONVERTERS

Given under the Seal of the University



100th ANNIVERSARY

100th ANNIVERSARY

100th ANNIVERSARY

Signature

Signature

Signature

Signature



UNIVERSITI MALAYSIA SABAH



Sijil Perkhidmatan Terpuji 2003

Dinugraahkan kepada

Dr. Sainarayanan Gopala Krishnan

*atas prestasi dan perkhidmatan terpuji
yang telah ditunjukkan pada tahun 2003*

"Berkecambah Cemerlang"

TAN SRI PROF. DATUK SERI PANGLIMA DR. ABU HASSAN ALI
NAIR CANSLOD



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

SINGARAVELAN A

the degree of

DOCTOR OF PHILOSOPHY

in recognition of the research work entitled
**AN EFFECTIVE HOME ENERGY MANAGEMENT SYSTEM FOR REDUCING
OPERATIONAL COST AND PEAK DEMAND**

for having fulfilled the prescribed requirements.

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

given this day the 20 June 2019



Given under the seal of this university



A blue ink signature of the Vice-Chancellor, written in a cursive style.

Vice - Chancellor

A blue ink signature of the Chancellor, written in a cursive style.

Chancellor



FACULTY OF ENGINEERING

The board of management of the Bhacath University here by make known that SIVASUBRAMANIAN.R born on 12-JUNE-1973 has been admitted to the DOCTOR OF PHILOSOPHY in CIVIL ENGINEERING by the having satisfactory completed the prescribed programme of study and having been certified by duly appointed Examiner to have qualified to receive the same at the Examination held on NOV 2012 with Registration Number D09CE002

Thesis Title

STUDIES ON PROPERTIES OF CONCRETE SUBJECTED TO HIGH TEMPERATURES

CONTINUING EDUCATION

Board under the Board of the University



22 JAN 2013

[Signature]
[Signature]

[Signature]
[Signature]



ANNA UNIVERSITY

CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.: NAR013078

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 : SUJITHA S

Registration Number : 10930422020

Degree : Ph.D.

Department/Centre : ELECTRONICS AND COMMUNICATION ENGINEERING

Faculty : ELECTRICAL ENGINEERING

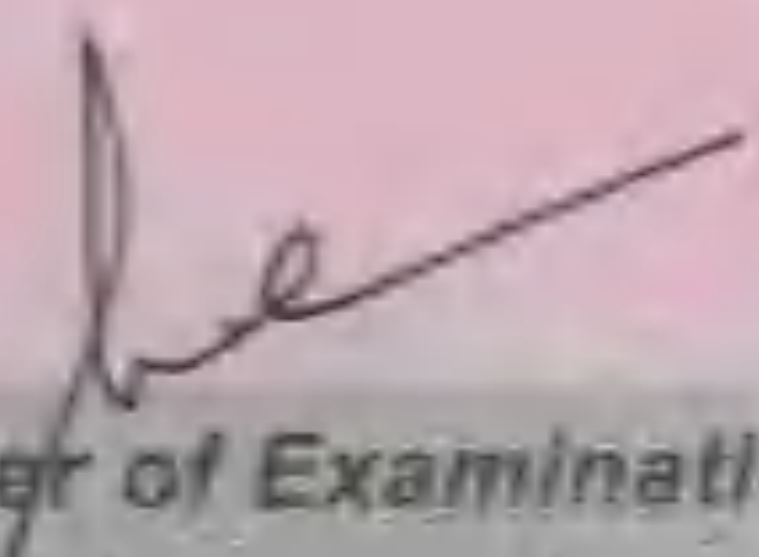
Date, Month & Year of Viva-Voce Examination held : 17.11.2016

Title of the Thesis : COMPARATIVE STUDY OF CONVERTERS FOR SOLAR ASSISTED SWITCHED RELUCTANCE MOTOR



Chennai - 600 025

Date: 20-DEC-16


Controller of Examinations



Kannada University, Hampi

VIDYARANYA 583 276
KARNATAKA, INDIA

REVATHI R.P.

has been awarded the degree of

DOCTOR OF PHILOSOPHY

(Kannada)

for her thesis on

**Bhavasara Kshatriya
Community of Shimoga District**

Submitted to the

Department of Folklore Studies

Faculty of Social Sciences

Kannada University, Hampi

21st December 2013

CONVOCATION



[Signature]
VICE CHANCELLOR

MEMBERS OF THE EXECUTIVE COUNCIL AND GOVERNING COUNCIL.



10PHD0179

MI 047498



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

SOWMYA RAMASWAMY

the degree of

DOCTOR OF PHILOSOPHY

in recognition of the research work entitled

**APPLICATION OF BLOOM'S TAXONOMY WITH RESPECT TO TEACHING OF CERTAIN
ENGINEERING COURSES**

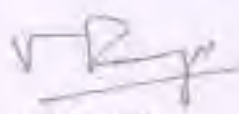
and for having fulfilled the prescribed requirements in the

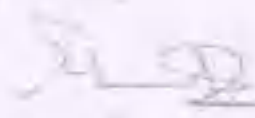
School of Social Sciences and Languages

given this day the 06th September 2014



Given under the seal of this university


Vice-Chancellor


Chancellor

Dated: 06-Sep-2014

Vellore - 632 014, Tamil Nadu, India

Wharath University

SCHOOL OF ENGINEERING

The Board of Management of the Wharath University hereby
declares that T. ARUN K. S. is a student of the
B. E. Degree in MECHANICAL ENGINEERING in COMPUTER
SCIENCE. In the coming semester, the student
will be eligible to take the examination for the degree
in the month of June 2018. The student is hereby
admitted to the examination in the month of June 2018.

Yours Truly,

Dr. Arun K. S. is a student of the B. E. Degree in
MECHANICAL ENGINEERING in COMPUTER SCIENCE.

Dr. Arun K. S. is a student of the B. E. Degree in

[Signature]
Dr. Arun K. S. is a student of the B. E. Degree in

[Signature]
Dr. Arun K. S. is a student of the B. E. Degree in

University College
University College

[illegible]

RESEARCH DESIGN

Abstract

1997

—



FACULTY OF ENGINEERING

This is to certify that

Chandra Naik. M

has been duly admitted to the

Degree of Doctor of Philosophy

in **Computer Science and Systems Engineering**

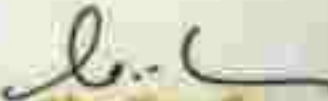
in this University, he/she having been declared to be

qualified to receive the same in **2014**

Given under the Seal of the University

Visakhapatnam, A.P., India

Date 10th February, 2015


Vice-Chancellor

Anna University



Reg.No. 2006769101/R0

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

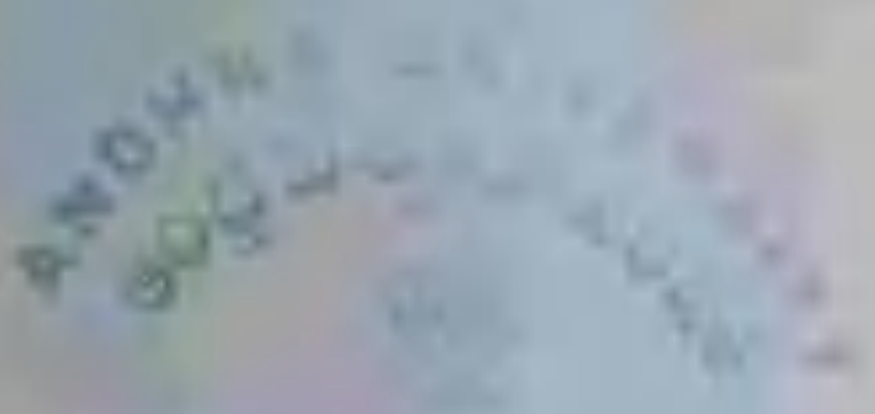
Title of the Thesis:

INVESTIGATIONS ON RELIABILITY EVALUATION OF COMPONENT BASED SOFTWARE SYSTEMS

Given under the Seal of the University

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





FACULTY OF ENGINEERING

Mangara Jitendranath

Computer Science and Systems Engineering

2013

Jitendranath

[Signature]



Ref: ANU/REGISTRATION/2013/11

The Syndicate of the Anna University hereby makes known that SARAVANAN K has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been verified by the duly appointed examiners to be qualified to receive the same in the year 2013.

Title of the Thesis

A CROSS LAYER BASED MAC PROTOCOL FOR RATE AND POWER ADJUSTMENT IN MULTI HOP ADHOC NETWORKS

Given under the Seal of the University



Chester 10th 102
Salem
November 2013

Controller of Examinations

Registrar

Vice-Chancellor



ANNA UNIVERSITY CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.: RAR014352

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 : SRINIVASAN L

Registration Number : 11210931010

Degree : Ph.D.

Department/Centre/Subject : INFORMATION TECHNOLOGY

Faculty : INFORMATION AND COMMUNICATION ENGINEERING

Date, Month & Year of Viva-Voce Examination held : 01.07.2020

Title of the Thesis : AN IMPROVED FRAMEWORK FOR AUTHORSHIP IDENTIFICATION IN ONLINE MESSAGES USING CLUSTERING TECHNIQUES AND METAHEURISTIC ALGORITHMS



Controller of Examinations

Chennai - 600 025

Date: 05-SEP-2020



This is to certify that

P MANGAYARKARASI

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Computer & Information Sciences

for the thesis entitled

*An Effective Framework For Modifying The Reusability At
'The Design Stage Of Software Development Life Cycle*

*in recognition of the fulfillment of requirements
for the said degree*

Ref: 001455

Given under the seal of the University

USN: IMS11PEM01



BELGAUM

DATE : March 18, 2019

VICE CHANCELLOR

Karunya UNIVERSITY

(Karunya Institute of Technology and Sciences)

Government of Tamil Nadu, University Order No. 1 of 2013 dated 20.01.2013

KARUNYA ENGINEERING COMPLEX - 601 114, TAMILNADU, INDIA



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

MOHANA SUGANTHI N

*has been admitted to the Degree of
Doctor of Philosophy
in*

**COMPUTER SCIENCE ENGINEERING
Faculty of Engineering**

*having been certified by duly appointed examiners to be
qualified to receive the same in Aug 2017*

Title of the Thesis:

*Integrating Big Data from Heterogeneous Data Sources
and Building a Single Repository*



Given under the seal of the University

Dated: 17 Aug 2017

Paul. Thirumala
Chancellor

Aradhana
Vice-Chancellor

Suganthi N
Registrar

Berhampur University



DIPLOMA FOR DOCTOR OF PHILOSOPHY

This is to certify that

A. N. Nandakumar

who passed the examination

for the degree of

DOCTOR OF PHILOSOPHY

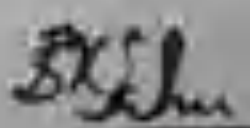
in Computer Science & Eng.

held in the month of October, 2008

was this day admitted to the degree.

BERHAMPUR UNIVERSITY,
Bhanja Bihar,
Berhampur-760007

Dated This 16 JUN 2009


Vice-Chancellor



ENGINEERING AND TECHNOLOGY

The Board of Management and the Academic Council of
this University hereby make known that

ANANDHI .R.J.

has been admitted to the Degree of

Doctor of Philosophy

having completed all the Academic requirements and having been
certified by duly appointed Examiners to be qualified to receive the
same in **SEPTEMBER 2011**

Title of the thesis - **COMPUTER SCIENCE
HYBRID INHERENT VOTING ENSEMBLE FUSION FOR
SPATIAL CLUSTERS**

Given under the seal of the University



Chemist 600 095

14 SEPTEMBER 2011

S.B. Palaniseli
Registrar

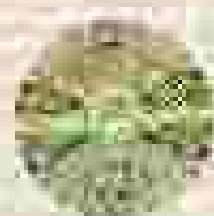
Vice-Chancellor

President



समराइज विश्वविद्यालय, अलवर SunRise University, Alwar

विश्वविद्यालय, अलवर, राजस्थान, भारत



विश्वविद्यालय

[संविधान संख्या 1000000000000000]

समराइज विश्वविद्यालय की एकमात्र कार्यवाही इस से संबंधित कि यह एक नई
बी.एस.सी.बी.एस.सी. Yeetha Ravi Kumar

समराइज विश्वविद्यालय से बी.एस.सी.बी.एस.सी. की एक नई कार्यवाही की जा रही है।
इस प्रक्रिया का विवरण

**"Updates and Modes of Current Networking System
Used Under Latest Advance"**

समराइज विश्वविद्यालय

[संविधान संख्या 1000000000000000]

This is to certify by the Academic Council of Sunrise University that
Mr./Ms/Mr. Yeetha Ravi Kumar

has been the holder of Doctor of Philosophy after approval of the Council

Title of Thesis:

**"Updates and Modes of Current Networking System
Used Under Latest Advance"**

Approved and signed by the Vice-Chancellor of the University on 10/10/2020

मुख्य अधिकारी
[संविधान संख्या 1000000000000000]



मुख्य अधिकारी
Vice-Chancellor

Magadh University



This is to certify that Shri. [Name]

who having submitted his/her research thesis on "[Thesis Title]"
To Prof. [Name] has been awarded

for the degree of Doctor of Philosophy, for contribution in the field
 of [Field] [Signature] [Date]
 of [Place] [Signature] [Date]

[Signature]



Reg.No.2011141003/RG



*The Syndicate of the Anna University hereby makes known that SUBHASHINI S J 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:

ENHANCING ENERGY UTILISATION IN THE CROSS LAYER ENABLED SENSOR GRID ARCHITECTURE

Given under the seal of the University



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

Adm. No.12PH0902

Aadhaar No:527044582942



Sl. No. PC 0281414



PROVISIONAL CERTIFICATE

This is to certify that Mr. A B MADHUMOHANA RAJU

Son of Sri A B NAGARJUNA RAJU &

Smt ADDEPALLIBALARAJUGARI SANTHAMMA,

has satisfied all the requirements for the award of

***** DOCTOR OF PHILOSOPHY *****

*in the faculty of *** Mathematics ****

for the Thesis entitled,

**" A STUDY ON UNSTEADY NON-LINEAR CONVECTIVE FLOW OF A CASSON
FLUID OVER A ROTATING VERTICAL POROUS CONE "**

(Date of Viva Voce: 31.05.2019)

Tuesday, 11 June, 2019.

DIRECTOR OF EVALUATION

REGISTRAR

नामांक 97101691
Enrolment No.

जय नारायण व्यास विश्वविद्यालय जोधपुर

(पूर्व जोधपुर विश्वविद्यालय)

प्रमाणित किया जाता है कि

हितेश कुमार

पुत्र/पुत्री श्रीमती विद्या देवी शर्मा

एवं श्री राम लाल शर्मा

ने इस विश्वविद्यालय से 2006 में

डॉक्टर ऑफ फिलॉसॉफी

गणित

की उपाधि प्राप्त की

शोध-प्रबन्ध का विषय निम्नलिखित था

"MOMENTUM AND HEAT TRANSFER IN

NEWTONIAN FLUID FLOWS OVER PLANE

AND WAVY SURFACES"

JAI NARAIN VYAS UNIVERSITY JODHPUR

(ERSTWHILE UNIVERSITY OF JODHPUR)

This is to certify that

HITESH KUMAR

Son/Daughter of Smt. VIDHYA DEVI SHARMA

and Shri RAM LAL SHARMA

obtained the degree of

DOCTOR OF PHILOSOPHY

MATHEMATICS

of this University in 2006

The topic of his/her research was

"MOMENTUM AND HEAT TRANSFER IN

NEWTONIAN FLUID FLOWS OVER PLANE

AND WAVY SURFACES"


Vice-Chancellor

वाइस-चान्सलर

Conferred by Senate on

10 MAR 2010





Folio : D 00253

BHARATHIAR UNIVERSITY

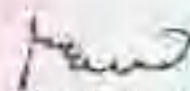
COIMBATORE - 641 046

Ph.D. PROVISIONAL CERTIFICATE

This is to certify that **SARAN E** has qualified for
the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in
MATHEMATICS on **05/10/2019** after having
completed the requirements prescribed for the award of the Degree.*

* under external part time mode.




Controller of Examinations &

Coimbatore - 641 046

Date: **04 NOV 2019**



This is to certify that
Gangadharaiah Y H
has been conferred the Degree of
Doctor of Philosophy
in

Faculty of Applied Sciences (Mathematics)

for the thesis entitled

Rayleigh-Bernard and Marangoni Convection in Single and Composite Layers with different Mechanism to Control Convection

*in recognition of the fulfillment of requirements
for the said degree*

PH
000127

Given under the seal of the University

USN: 1NT08PGM02



VICE CHANCELLOR

BELGAUM

DATE : APRIL 05, 2013

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ
Gulbarga University



ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಪ್ರಾಚಾರ್ಯರಾದ, ಕುಲಪತಿ ಮತ್ತು
ವಿದ್ಯಾ ಕೀರ್ತಿಯಕ ಸರಿಸುತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟದ ಸದಸ್ಯರಾದ ನಾವು

ಶ್ರೀನಿವಾಸ ಜಿ.

ಇವರು ರಾಕ್ಟರ್ ಇವೆ ಶಿಕ್ಷಣಕ್ಕೆ ಪದವಿಗೆ ಸೆಪ್ಟೆಂಬರ್ 2014 ರಲ್ಲಿ ಅರ್ಜಿರವಿಸಿದಂತಿದೆ ಎಂದು

ದಾಖಲೆ ಮತ್ತು ಶಿಕ್ಷಣಕ್ಕೆ

(ಗಣಿತ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 20 ನೇ ಫೆಬ್ರವರಿ 2014 ರಂದು ಪದವಿಗೈದಿದವರು ಅಂದಿಟ್ಟಿರುವ
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುಖ್ಯ ಮತ್ತು ಕುಲಪತಿಗಳ ಮುಖಾಂತರದ ಇವನ್ನು ಪ್ರಮಾಣೀಕರಿಸಿದಾಗಿದೆ.

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor and Members of the
Academic Council and Syndicate of Gulbarga University, Certify that

Srinivasa G.

has been found duly qualified in February 2014 for the award of the
degree of Doctor of Philosophy. Hence the degree of

DOCTOR OF PHILOSOPHY

(MATHEMATICS)

has been conferred on him / her at Gulbarga

on the 20th day of the month of February in the year Two Thousand Fourteen

Witnessing whereof are the seal of the said University and the signature of the Vice-Chancellor.

ಗುಲಬರ್ಗಾ
Gulbarga

ಹೆಚ್ಚಿನದೇ 20-02-2014

Date : 20-02-2014



(Signature)

ಕುಲಪತಿ
Vice-Chancellor



அறிவியற் புலம்
FACULTY OF SCIENCE

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு

விஜிலியஸ் ஹெலீனா ராஜ் லா

தனிதவியல் பாடப்பிரிவில்

பட்டப்படிப்பு நடவடிக்கைத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற

பட்டப்படிப்பு சமீபநேரத்திலான ஏப்பிரல் 2014 ஆம் ஆண்டில்

இப் பட்டப்படிப்புக்கு உரியவர் சீக்கிரம் என இதுவழி அறிவிக்கின்றது

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY
hereby makes known that VIJILIUS HELENA RAJ L
has been admitted to the Degree of Doctor of Philosophy in
MATHEMATICS

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



Given under the seal of the University.

திருநெல்வேலி, இந்தியா
Tirunelveli, India

திகதி, Dated 29.10.2014

(Dr. N. Kannan)
தொண்டாளர்
Controller of Examinations

(Dr. J. Janaki Chelvam)
பதிவாளர்
Registrar

(Dr. A. K. Kandaswamy)
தொண்டாளர்
Vice-Chancellor

फोन 081313087
Serial No. 081313087
नामांकन संख्या 099011177
Enrolment No. 099011177



उत्तर प्रदेश राजर्षि टण्डन मुक्त विश्वविद्यालय
UTTAR PRADESH RAJARSHI TANDON OPEN UNIVERSITY



डॉक्टर ऑफ फिलॉसफी
DOCTOR OF PHILOSOPHY

प्रमाणित किया जाता है कि आराधना यादव को वर्ष
2014 में प्रबन्धन विषय में डॉक्टर ऑफ फिलॉसफी की उपाधि प्रदान की गई।
प्रबंध प्रबन्ध का शीर्षक " रोल ऑफ़ इनहांसिंग सॉफ्ट स्किल्स फॉर
इम्प्लॉयबिलिटी ऑफ़ युथ इन नॉन मेट्रोज "

This is to certify that Aradhna Yadav has been
admitted to the Degree of DOCTOR OF PHILOSOPHY in
MANAGEMENT subject in the year 2014.

Title of the thesis "Role of enhancing soft skills for employability of
youth in non-metros"

इलाहाबाद
Allahabad

दिनांक फरवरी 8-2014

कलपति



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

சமூக அறிவியல் பரம்
FACULTY OF SOCIAL SCIENCES



பாரதியார் பல்கலைக் கழகத்தால் நுழைவுத் தரவுகளின்படி மேலாண்மைத் துறையில் ராம் ராஜ். எஸ். 2014ஆம் ஆண்டு நவம்பர் 14 ஆம் திகதி மேலாண்மையியல் களஞ்சியப் பரிந்துரை ஆய்வியல் அறிஞர் சான்றிதழைப் பெறத் தகுதிடைத்திருப்பதாகச் சான்றிதழை வழங்கி அனுப்பியுள்ளார். மேலும் ம.உ.தரவுத் திணைக்களம் அரசு நிரந்தரப்படி பாரதியார் பல்கலைக் கழக ஆட்சித் துறை வழங்கியுள்ளது.

The Syllabus of the Bharathiar University hereby certify that VIJAYA RAO M.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 14th NOVEMBER 2014.

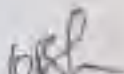
Given under the Seal of the University.



செய்துள்ளார்

செய்துள்ளார்

செய்துள்ளார்


Vice-Chancellor


Registrar


Head of the Department

छत्रपति शाहू जी महाराज विश्वविद्यालय कानपुर
CHHATRAPATI SHAHUJI MAHARAJ UNIVERSITY KANPUR



विद्या-वाचस्पति

प्रमाणित किया जाता है कि
— एस. नवीन प्रसाथ — ने इस विश्वविद्यालय
से — प्रबंधन — विषय पर विद्या-वाचस्पति
की उपाधि वर्ष २०१३ में प्राप्त की।
उक्त उपाधि को लिये आपने निम्न विषय पर मौखिक प्रबन्ध प्रस्तुत किया।

Doctor of Philosophy

This is to certify that — S. Navin Prasad —
has been awarded the Degree of **Doctor of**
Philosophy in — Management — in this
University in 2013.

The subject on which he / she presented a Thesis for the Degree was
"CUSTOMER PERCEPTION AND SERVICE QUALITY IN INSURANCE: A STUDY ON
PUBLIC AND PRIVATE SECTOR LIE INSURANCE COMPANIES IN KARNATAKA"



C.S.J. & M.L. Kanpur
14th June 2013

कुलसचिव
11 SEP 2017

कुलपति

COPY ATTESTED
ARAVIND PATIL G.C. & Co.
ADVOCATE & NOTARY
12th Main, 4th Block, Jayanagar
Bangalore - 560011

That, the Faculty, the President, the Chancellor, the Vice-Chancellor,
the Board of Governors and the Academic Council members of
the University hereby certify that

NEELA BHARGAVA

has been duly entitled to the award of

Doctor of Philosophy

(Management Studies)

for achievement of the fulfillment of the requirements

for the said degree in the year 2018 with Register No. H20PHDS06

Given under the seal of the University



Date: 04-05-2018

Place: Bangalore

[Signature]

Rashtrasant Tukadoji Maharaj Nagpur University

"Established by Government of Central Provinces Education Department by Notification No. 813
dated the 1st of August, 1921 & presently a State University governed by Maharashtra University Act, 1956"



Doctor of Philosophy (वाणिज्य आचार्य) (Faculty of Commerce)

*This is to certify that
Ku. Priyameet Kaur Keer having been found to
be duly qualified on examination of the thesis
on "A Comprehensive Study of E-recruitment With Specific
Reference to Nagpur" was admitted to the degree of
Doctor of Philosophy (वाणिज्य आचार्य) in the
Faculty of Commerce in this University in the
year 2015.*

Nagpur

Dated : 29-8-2015

S. S. S. S.
Vice-Chancellor

ପରିଚାଳକ, ପୃଷ୍ଠା ୧୭

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1. *university*

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We are thankful to the following for their support and assistance:
 Academic Excellence and Leadership of College Graduate Center

Ravichandra Reddy B

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1. and the 27th and 28th items of Form 1041 are the same as the Form 1041. The 27th and 28th items of Form 1041 are the same as the Form 1041. The 27th and 28th items of Form 1041 are the same as the Form 1041.



A43-P2-69

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ Bangalore University



FOR QUALITY & EXCELLENCE
IN HIGHER EDUCATION



Accredited by NAAC

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ
We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor
ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ್ ಮತ್ತು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತಿನ ಸದಸ್ಯರಾದ ನಾವು
the members of the Syndicate & Academic Council

Certify that

A. R. Sainathಅವರು
ಯಥಾಯೋಗ್ಯವಾಗಿ ಈಗಾಗಲೇ ಪ್ರವೇಶ ಪಡೆದಿರುವರೆಂದು ದೃಢೀಕರಿಸುತ್ತಾ
has been duly admitted to the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
Doctor of Philosophy

Faculty Of Commerce & Management - Commerce

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನು ಪೂರೈಸಿರುವುದರಿಂದ ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ
in recognition of the fulfilment of requirements
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ. ಈ ಪದವಿಯ ವಿವರಗಳು ಹೀಗಿವೆ
for the said degree as indicated below

ಪದವಿಯನ್ನು ನೀಡಿದ ವರ್ಷ:
Year of Award: ACCREDITED BY NAAC

ಸಂಶೋಧನಾ ಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ : "Product, Promotion and
Subject: Pricing Strategies in the Marketing of
Newspapers"

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರ ಮುದ್ರೆಯೊಡನೆ ನೀಡಲಾಗಿದೆ
Given under the seal of the University

ಬೆಂಗಳೂರು
Bangalore:

ದಿನಾಂಕ

Date: 19.01.2008

HARAPANT
ಕುಲಪತಿ

Vice-Chancellor



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

வணிகவியல் புலம்
FACULTY OF COMMERCE

பாரதியார் பல்கலைக் கழகத்தால் முடிவாக அளிக்கப்பட்ட தேர்வுகள் இது
சாலினி ச. 2011 ஆம் ஆண்டு மே 30 ஆம் திகதி வணிகவியல் கல்வியை முடிவாக
ஆய்வியல் அறிஞர் எனவும் பட்டம் பெறும் குறிப்பைத் திருப்பதற்கு காலதாமதத்தை
ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பங்கிட்டு வழங்குவதற்கு
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு முடிவெடுத்தது

The Syndicate of the Bharathiar University hereby notify that SHALINI S
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in COMMERCE,
having been certified by duly appointed Examiners to be qualified to receive the same on 30th MAY 2011.



தொய்வுக்குழு
Examinators
தரம்

Dated: 24th November 2011 Controller of Examinations

Given under the Seal of the University.

K. G. Sivasubramanian
தொய்வாளர்



பதிவாளர்
Registrar

தொய்வுக்குழு
Vice-Chancellor

جامعہ ملیہ اسلامیہ



ڈاکٹر آف فلاسفی

شیلن ڈاگر

تصدیق کی جاتی ہے کہ
"مارکیٹنگ آف ہائر ایجوکیشنل سروسز ان انٹرنیشنل پیرسپیکٹو: اسے کیس اسٹڈی آف سلیکٹڈ انسٹی ٹیوٹس ان دہلی"

پر تحقیقی مقالہ منظر ہونے کے بعد اس پروفیسر نے ڈاکٹر آف فلاسفی کا مستحق قرار دیا۔

JAMIA MILLIA ISLAMIA

(A Central University by an Act of Parliament)

DOCTOR OF PHILOSOPHY

This is to certify that Sheelan Dagar

after appraisal of his/her thesis on "Marketing of Higher Educational Services in International Perspective: A Case Study of Selected Institutes in Delhi" **2007**

has been admitted to the Degree of Doctor of Philosophy in this University

(Signature)

Mushtaq
(Registrar)

مستحق



(Signature)

Shaikhul Jamia
(Vice-Chancellor) *(Signature)*

Jamia Millia, New Delhi, Dated the _____



वार्णिज्य आचार्य
Doctor of Philosophy
(Faculty of Commerce)

There is hereby given

To, **Dr. Ananta Shree Narayan**

Residence: **Dr. Ananta Shree Narayan**
Address: **Dr. Ananta Shree Narayan**

**Impact Of Product Placement In Hindi Movies
The Social Memory And
Cultural Behaviour**

and awarded to the degree of
Doctor of Philosophy in the subject **Commerce**
in the Faculty of Commerce of this University in the year 2015

Signature

10/11/15



Signature
Vice-Chancellor

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD - 500 005, ANDHRA PRADESH, INDIA

RF 400054
2141520049



938801265671

Mr. Subanth R

S/o Mr. P. V. Ramaswamy

having fulfilled the academic requirements in *February - 2012*
has this day been admitted by the Executive Council to the Degree of

Doctor of Philosophy

Management Science

Topic: 'A Study On Knowledge Management Among Self Financing
Engineering Colleges In And Around Chennai'

Given under the Seal of the University

H. T. No: 0603PH1315

Date: 07-05-2012

DIRECTOR OF EVALUATION

REGISTRAR



महाराष्ट्र राष्ट्रीय प्रौद्योगिकी संस्थान मुंबई

विद्यया विद्यायाः

प्रवेष्टा विद्या

विद्या वाचस्पति

विद्या वाचस्पति

विद्या वाचस्पति

विद्या वाचस्पति

विद्या वाचस्पति

Maharashtra National Institute of Technology, Mumbai

University of the State of Maharashtra

Sweet Smell

Our degree of

Doctor of Philosophy

This is to be

University of the State of Maharashtra

Given this day of August in the year of 1978

The 11th December, 2018



[Signature]

[Signature]

78



UNIVERSITY OF MYSORE

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



*We the Chancellor, the Pro-Chancellor, the Vice-Chancellor and
Members of the Syndicate of the University of Mysore*

do hereby certify that

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಮಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು
ಹಾಗೂ ಸಿಂಡಿಕೇಟ್ ಸದಸ್ಯರಾದ ನಾವು

ASHA V

has been awarded the Degree of
ಅವರು ನೀಡಿದ ಪದವಿಯಲ್ಲಿ ಉತ್ತೀರ್ಣರಾಗಿರುವುದರಿಂದ

DOCTOR OF PHILOSOPHY

in

COMPUTER SCIENCE

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

*we hereby certify subject to have passed the prescribed examinations
ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರದಾನ ಮಾಡಲಾಗಿರುವುದು ಪ್ರಮಾಣೀಕರಿಸುತ್ತೇವೆ*

Given under the seal of the University
ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಮುಚ್ಚರವೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ



ದಿನಾಂಕ: 05/07/2013

ಅಧಿಕಾರವಹಾರ ಮೂಲಕ

ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

ಸಂಖ್ಯೆ: 772



Vice-Chancellor
ವಿ.ಕೆ.ಎಸ್.



PHDCS10P004

புலம்
கணினி அறிவியல்FACULTY OF
COMPUTER SCIENCEஅன்னை தெரா மகளிர் பல்கலைக்கழக ஆட்சிக்குழு
கு. சித்ரா

முனைவர் பட்டம்

பெறுவதற்கு தகுதியுடையவர் என ஏற்றமாக அளிக்கப்பெற்ற தேர்விலாளர்
பிப்ரவரி 2017 இல் நடத்திய தேர்வுகளில் சான்றித்தாய் அன்னை தேர்வுபெற்று
இந்த பட்டப்பெற்றுக்கு உரியவர் ஆகின்றார் என்று இதன்வழி அறிவித்துக்கொள்கின்றது.

பாட்களையும் முத்திரையுடன் பெறுகின்றது

The Executive Council of the MOTHER TERESA WOMEN'S UNIVERSITY

K. CHITRA

hereby makes known that

has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY**, she having been
certified by duly appointed Examiners to be qualified to receive the same at the Examination held in
FEBRUARY 2017

Given under the seal of the University



சென்னை, துரைக்கேணி
Kodakkanal
எனினி Dated

01.04.2017

K. Chitra
Examinations
Controller of Examinations

M. Ganesh
பதிவாளர்
Registrar



K. Chitra
கணினி அறிவியல்
Vice-Chancellor



KALASALINGAM UNIVERSITY

(Kalasalingam Academy of Research and Education)

(Under Section 3 of UGC Act 1956)

(Accredited by NAAC with B Grade with a CGPA of 2.81)

Anand Nagar, Krishnankoil-626 126

Sevilliputur(via), Virudhunagar (Dt.), Tamil Nadu, India

Sl. No.: P/15004



Provisional Certificate

Register No.: 200706201

ILANGO V.

This is to Certify that Thirumiku has

qualified for the Degree DOCTOR OF PHILOSOPHY in **Computer Applications**

This comes into effect from the date of Public Viva-voce examination held on **29.01.2015**

Title of the Thesis **FORECASTING METHODS BASED ON OUTLIER DETECTION AND INFLUENTIAL POINT
OBSERVATION ON CLUSTERING TECHNIQUES USING FINANCIAL TIME SERIES DATA**

Place : Krishnankoil

Date : 2/2/2015



M. Prasanth
Controller of Examinations

[Signature]
Vice - Chancellor



Reg. No-2002719722/RG

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

Title of the thesis:

APPLICATIONS OF DNA COMPUTING AND DESCRIPTORIAL
COMPLEXITY OF ALTERNATING FINITE AUTOMATA

Given under the Seal of the University



Chennai 600 025
India
December 2008

Controller of Examinations

Registrar

Vice-Chancellor



புலவர்
கனினி அறிவியல்

**FACULTY OF
COMPUTER SCIENCE**

அன்னை தெரசா மகளிர் பல்கலைக்கழக ஆட்சிக்குழு
லோகேஸ்வரி . த

முனைவர் பட்டம்

பெறுவதற்கு தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற தேர்விலேவர்
நவம்பர் 2012 இல் நடத்திய தேர்வில் சான்றளித்தபடி அவ்வளவு தேர்வுபெற்று
கீழ்க்கண்ட பட்டப்பெற்றுக்கூடியவர் ஆகின்றார் என்று இதன் வழி அறிவித்துக்கொள்கின்றது.

பல்கலைக்கழக முத்திரையுடன் பெறுவதற்கு

The Executive Council of the MOTHER TERESA WOMEN'S UNIVERSITY

hereby makes known that LOGESWARI . T

has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY**, she having been
certified by duly appointed Examiners to be qualified to receive the same at the Examination held in
NOVEMBER 2012



Given under the seal of the University

சான்றிதழ், கோடாகுளம்
திகதி Dated: 10.01.2013

R. Sundani
கொள்கைப்பரப்பு (கல்வி)
Controller of Examinations

M. Kalaiyandaram
பதிவுரை (கல்வி)
Registrar
தலைவர் (கல்வி)
Vice-Chancellor



Reg.No. 2007799159/RG

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

Title of the Thesis:

**AN EMPIRICAL COMPARATIVE STUDY OF TWO METRIC SUITES
TOWARDS PREDICTION OF MAINTAINABILITY OF OBJECT
ORIENTED SOFTWARE**

Given under the Seal of the University





பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முயற்சிப்பதில் அனுமதிக்கப்பட்ட திசைநாள் துறை
பிரிவாட்டி கழிதரம் பா. 2017 ஆம் ஆண்டு துறை 30 ஆம் தாமிரம் கணிப்பொன் அறிவியல்
கல்வியை விவரிக்க ஆய்வியல் அறிஞர் கல்வியை மட்டும் கல்வியை அறிவியல் கல்வியை கல்வியை
கல்வியை கல்வியை கல்வியை கல்வியை கல்வியை கல்வியை கல்வியை கல்வியை கல்வியை
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு கல்வியை கல்வியை

The Syndicate of the Bharathiar University hereby makes known that **MEENAKSHI SUNDARAM B**
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 **30th JUNE 2017**.



கொச்சித்தரம்
Coimbatore
மார்ச் 14th November 2017
Dated:

Under external part time mode
Given under the Seal of the University

கொச்சித்தரம்

Controller of Examinations



பதிவாளர்(பி.பி.)
Registrar(i/c)

கொச்சித்தரம்
Vice-Chancellor



KARPAGAM UNIVERSITY

Karpagam Academy of Higher Education

(Established under Section 3 of Act No. 35 of 1964)

Coimbatore - 641 022, India

**PROVISIONAL
CERTIFICATE**

This is to certify that the undersigned candidate has been qualified for the award of Degree as detailed below:

Name: **NIRMALA A.P.**

Register No.: **1108PCS011**

Degree: **DOCTOR OF PHILOSOPHY**

Branch / Specialization: **COMPUTER SCIENCE**

Month & Year of Passing: **20th November 2017**

Title: **PERFORMANCE FINE-TUNING CLOUD APPLICATIONS UNDER VIRTUALIZED ENVIRONMENT**

Completed:

Date: **04.12.2017**



[Signature]
CONTROLLER OF EXAMINATIONS

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

Adm. No.12PH0909

Aadhaar No:507648493346



Sl. No. PC 0302608



PROVISIONAL CERTIFICATE

This is to certify that Ms. D D PADMA PRIYA

Daughter of Sri D D SREENIVASAMURTHY &

Smt KARANAM LAKSHMANRAO JAYALAKSHMI,

has satisfied all the requirements for the award of

***** DOCTOR OF PHILOSOPHY *****

*in the faculty of *** Mathematics ****

for the Thesis entitled,

" SOME STUDIES ON STRUCTURES OF SEMIGROUPS-APPLICATIONS "

(Date of Viva Voce : 11.06.2020)

Monday, 29 June, 2020.

DIRECTOR OF EVALUATION

REGISTRAR



ANNA UNIVERSITY
CHENNAI - 600 025
PROVISIONAL CERTIFICATE



Folio No.: QAR014273

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 : PREMA R

Registration Number : 16244697130

Degree : Ph.D.

Department / Centre / Subject : COMPUTER SCIENCE AND ENGINEERING

Faculty : INFORMATION AND COMMUNICATION ENGINEERING

Date, Month & Year of Viva-Voce

Examination held : 14.08.2019

Title of the Thesis : FEATURE SELECTION AND CLASSIFICATION FOR GENE EXPRESSION DATA ANALYSIS



Chennai - 600 025

Date: 06-SEP-19

Controller of Examinations

Anna University



The *Staff* of the Anna University hereby makes known that
SATHYA V has been selected as the **HOLDER OF DOCTORAL DEGREE IN PHILOSOPHY** under the *Faculty of Science and Humanities*, having been
awarded by the duly appointed committee as the qualifying to receive the same on the
year 2015. The award has been granted in accordance with the University Grants
Commission Regulations 2008.

Head of the House

AN EXISTENTIAL APPROACHES FOR OPTIMAL TOLL SYSTEM

Signature of the Head of the Department



Signature

Signature



Indian Institute of Technology, Madras

and by virtue the degree of

Doctor of Philosophy

is hereby conferred

PRABHUKUMAR G P

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

THEORETICAL AND EXPERIMENTAL INVESTIGATIONS ON
THE PERFORMANCE OF HYDROGEN-FUELED INTERNAL
COMBUSTION ENGINES

on the 15th day of January 1955

in the School of Engineering

S. Srinivasan
Dean

Prabhu Kumar G P



S. Srinivasan
Dean



This is to certify that
M. S. Ganeshia Prasad
has been conferred the Degree of
Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

**Studies on Passive Heat Extraction Techniques in Turning of
Cast Iron for Improved Status of Cutting Tool Insert
(Uncoated Type) During Dry Machining**

*in recognition of the fulfillment of requirements
for the said degree*

PH 000315

Given under the seal of the University

USN : 1MV04PMM02



BELGAUM

DATE : APRIL 18, 2011

VICE CHANCELLOR

Reg. No. 99.51.18



Faculty of Mechanical Engineering

The Syndicate of the Anna University hereby makes known that

GOPALAKRISHNAN . K.

*has been admitted to the Degree of Doctor of Philosophy
having been verified by duly appointed Examiners to be qualified to
receive the same in the year 2002*

Title of the thesis **INTEGRATED MANAGEMENT SYSTEM TO IMPROVE THE
COMPETITIVENESS OF ORGANISATIONS THROUGH SAFETY - QUALITY -
PRODUCTIVITY (SQP) TRILOGY**



Given under the Seal of the University

University Buildings

Chennai - 600 095

Deputy and Secy

LUCKY DEVI

Registrar

Dean



भारतीय प्रौद्योगिकी संस्थान मुंबई

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ENGINEERING AND TECHNOLOGY

The Board of Management and the Academic Council of
this University hereby make known that

MANJUNATHA

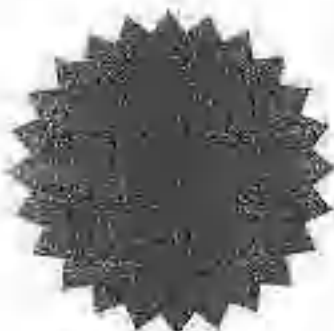
has been admitted to the Degree of

Doctor of Philosophy

having completed all the Academic requirements and having been
certified by duly appointed Examiners to be qualified to receive the
same in JANUARY 2010

Title of the thesis : Integration of Logistics Model and S/P R/S System in Lean
Manufacturing

Given under the seal of the University



Chester 600 095
03 OCT - 2010

3. H. H. H.
Registrar

P. K. K.
Vice-Chancellor

K. K. K.
President

Indian Institute of Science Bangalore.

The Council on the recommendation of the Senate of the
Institute hereby confers on
Pradeep Kumar Sahoo

the degree of
Doctor of Philosophy
in recognition of the research work on

**Strength Prediction and Fatigue De Bond Growth in
Bonded Joints in Metallic and Composite Structures**



THE UNIVERSITY OF NEW SOUTH WALES

This is to certify that:

RAJU

has this day been admitted by the Council to the degree of

DOCTOR OF PHILOSOPHY

Chancellor

Vice-Chancellor

Pro-Vice-Chancellor (Students)
and Registrar

By authority of the Council, the Seal of
the University is hereunto affixed this
twenty third day of August 2011



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDRABAD
MEMORANDUM OF DECISION

TO: THE VICE-CHANCELLOR
FROM: THE DEAN, COLLEGE OF ENGINEERING
SUBJECT: ...

DATE: ...
PAGE: ...

Sl. No.		Description		Page	Line	Page	Line
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Indian Institute of Science

THE COUNCIL OF THE INDIAN INSTITUTE OF SCIENCE ON THE RECOMMENDATION
OF THE SENATE HEREBY CONFERS ON

Sudha I

THE DEGREE OF

Doctor of Philosophy

AWARDED AT BANGALORE ON THE 28TH OF JUNE, 2014

Amrity Kumar
DIRECTOR



P. Rama Rao
CHAIRPERSON, COUNCIL

SATHYABAMA UNIVERSITY

Established by Sathyabama Education Trust
LA-CHANDAN MURUGU INSTITUTION
KARUNATHUR, CHENNAI-600 076
Creating the Future, One Generation at a Time
Offering Quality Education and Research

SCHOOL OF MECHANICAL ENGINEERING



The School of Mechanical Engineering, Sathyabama University, Chennai-600 076

CERTIFICATE

is hereby conferred on the student, NAME OF THE STUDENT

for the successful completion of the course, COURSE NAME in the semester SEMESTER

Effective from the date of completion of the course, the student is entitled to the degree of DEGREE

awarded by the University of Engineering and Technology, Chennai-600 076

Signature of the Head of the School





ANNA UNIVERSITY

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

Title of the Thesis:

**DEVELOPMENT AND CHARACTERIZATION OF MULLITE COATINGS
ON CAST ALUMINUM FOR IC ENGINE APPLICATION**

Given under the Seal of the University

ATTESTED

PRINCIPAL,
Dr. Mahalingam College of Engineering
and Technology, Palani - 642 003.

External Examiners



National Institute of Technology Tiruchirappalli

hereby confers the degree of

Doctor of Philosophy

of the institute

on

C VASANTHAKUMAR

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

**INVESTIGATIONS ON APPLICATION OF LEAN REMANUFACTURING
CONCEPTS TO AUTOMOTIVE PRODUCTS**

at the viva-voce examination held on Second January 2017

Given this day the twelfth of August, 2017.

Under the seal of the Institute



TIRUCHIRAPPALLI - 620 015, INDIA



A. Balanarayanan
Registrar

W. S. Thomas
Director & Chairman,
Board of Governors

This is to certify that

AMITKUMAR GOUDAR

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

*Numerical Study of Turbulent Flow Over A Bluff Body Using
Hybrid LES/RANS Methods*

*in recognition of the fulfillment of requirements
for the said degree*

PH
19 000593

Given under the seal of the University

USN: INH10PMM01

BELAGAVI

DATE : Feb 08, 2020



VICE CHANCELLOR



भारतीय प्रौद्योगिकी संस्थान दिल्ली

हौज खास, नई दिल्ली - 110 016

INDIAN INSTITUTE OF TECHNOLOGY, DELHI

Hauz Khas, New Delhi-110 016

PROVISIONAL CERTIFICATE

Date of Approval: 16.08.2018

This is to certify that Ashok Kumar (अशोक कुमार) (Entry No. 2012ESZB100) who submitted the thesis entitled:

STUDY ON GHG EMISSIONS IN AN AUTOMOTIVE COMPRESSION IGNITION ENGINE USING ALTERNATIVE FUELS

(स्टडी ऑन जीएचजी एमिशनस इन एन ऑटोमोटिव कम्प्रेसन इग्निशन इंजन यूजिंग अल्टरनेटिव फ्यूलस)

for the award of Degree of *DOCTOR OF PHILOSOPHY* has, after having fulfilled all the prescribed academic requirements for this Degree, been declared eligible for award of Ph.D. degree of this Institute.

The Degree will be awarded to him/her at the next *CONVOCATION* of the Institute.


Joint Registrar
Academics

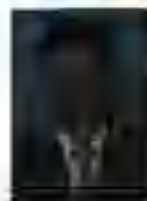
Dated: 20th August, 2018

N.B.: This Provisional Certificate is valid till the degree is awarded



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING & TECHNOLOGY

செப்டம்பர், 2018 இல்

இயந்திரப் பொறியியல்

பிரிவில் நடத்திய தேர்வுகளில்

கோபால் க

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

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known that **GOPAL K** has been admitted to the

Degree of **DOCTOR OF PHILOSOPHY** in **MECHANICAL ENGINEERING**.

he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in **SEPTEMBER, 2018**.

TITLE OF THE THESIS

"AN EXPERIMENTAL INVESTIGATION OF LIGNO-CELLULOSIC BIOFUEL ADDITIVES TO DIESEL BLENDS FOR IMPROVEMENT OF PERFORMANCE COMBUSTION AND EMISSION CHARACTERISTICS OF A CI ENGINE."

பல்கலைக்கழக முத்திரை பெறுகின்றது
Given under the seal of the University



அண்ணாமலைப்பேரரசர்
Annamalaiyar

அவர்

Dr. K. Aravamudan

பதிவாளர் (பொதுப்படி)

Dr. V. Murugesan

துணை வேந்தர்



ವಿಶ್ವವರಾಹ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಲಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

W 000714

Provisional Degree Certificate

This is to certify that Mr./Ms. MANJUNATHA G.

*is qualified for the award of the degree of
Doctor of Philosophy in the subject of [Subject Name]
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled:*

[Thesis Title]

with University Seat No. 19SE17PM02

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belagavi

Date : 17.10.2019



Brinig

Registrar (Examination)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

PH
18 000842

Provisional Degree Certificate

This is to certify that Mr./Ms. NAGENDRA J

is qualified for the award of the degree of

Doctor of Philosophy Faculty of Mechanical Engineering Sciences w.e.f. 10.01.2020

*of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

**STUDIES ON PROCESS PARAMETER OPTIMIZATION FOR AUGMENTING THE STRENGTH OF RP
COMPONENTS**

with University Seat No. 1NH12PMN01

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belagavi

Date : 13.01.2020



Brnig

Registrar (Evaluation)

মাদ্যটর বিশ্ববিদ্যালয়
কলকাতা ৭০০০৩২, ভারত



JADAVPUR UNIVERSITY
KOLKATA-700 032, INDIA

Ref. No.: J.U./E/488/2018

Dated: 21/6/18

To
Shri Priyabrata Adhikary
66B, Pallisri
Regent Estate
Kolkata - 700092

Sub.: Provisional Ph.D. (Engg.) Certificate

Dear Sir,

With reference to your thesis entitled "**STUDY OF COST-EFFECTIVE AND ECO-FRIENDLY RURAL PICO HYDRO PLANT**" the undersigned is pleased to inform you that the University declared you eligible for admission to the degree of Doctor of Philosophy (Engg.) on 22nd March 2018, the date of viva voce examination, in accordance with the University Grants Commission Regulations, 2009, including successful completion of course work and that the decision was approved at the meeting of the Executive Council of the University at its meeting held on 25th May, 2018.

You may please note that the degree will be conferred on you at the next annual convocation of the University.

Yours faithfully,


REGISTRAR



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

PH
18 000355

Provisional Degree Certificate

This is to certify that Mr./Ms. SRINATH M K

*is qualified for the award of the degree of
Doctor of Philosophy Faculty of Mechanical Engineering Sciences w.e.f. 30.05.2019
of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

STUDIES ON THE SURFACE MODIFICATION AL-7075 PLATES USING WEAR AUGMENTING
METALS THROUGH NUMERICAL AND EXPERIMENTAL TECHNIQUES

with University Seat No. 1NH12PMN02

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belagavi

Date : 13.06.2019



Arumig

Registrar (Evaluation)



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

PH
18 000597

Provisional Degree Certificate

This is to certify that Mr./Ms. BHAVYA P

is qualified for the award of the degree of

Doctor of Philosophy Faculty of Applied Sciences (Physics) w.e.f. 14.10.2019

*of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

SPECTROSCOPIC PROPERTIES OF HETEROCYCLIC COMPOUNDS IN DIFFERENT ENVIRONMENTS

with University Seat No. 1MS13PGN03

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belagavi

Date : 17.10.2019



Ennig

Registrar (Evaluation)

Folio : D 03275



BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

Ph.D. PROVISIONAL CERTIFICATE

This is to certify that

JISHA P K

has qualified for

the award of the Degree of

DOCTOR OF PHILOSOPHY

of this University in

PHYSICS

on **10/09/2018**

after having

completed the requirements prescribed for the award of the Degree.*

* under external part time mode

Coimbatore - 641 046

Date : **09 OCT 2018**



Controller of Examinations *i/c.*



Folio :D 10862

BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

Ph.D. PROVISIONAL CERTIFICATE

This is to certify that **DHANA LAKSHMI K** has qualified for
the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in
PHYSICS on **06/03/2020** after having

completed the requirements prescribed for the award of the Degree *

* under external part time mode.



Coimbatore-641 046

Date **21 MAY 2020**

Controller of Examinations *vc*



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

PH
09 600897

Provisional Degree Certificate

This is to certify that Mr./Ms. Prashanth K S

is qualified for the award of the degree of
Doctor of Philosophy Faculty of Applied Sciences (Physics) (w.e.f. 20.03.2018)

*of this University for having fulfilled the requirements for the award
of the said Degree by submitting the thesis titled :*

*"Synthesis and Characterization of Water Soluble Polymer Blends With Inorganic Salts
and Metal Oxide Nanoparticles"*

with University Seat No. 5VX12PGN03

*The degree will be conferred on him / her at the next
convocation or thereafter.*

Belgaum

Date : 06.04.2018



Annig

Registrar (Evaluation)



BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

Ph.D. PROVISIONAL CERTIFICATE

This is to certify that **RAMACHANDRA NAIK** has qualified for
the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in
PHYSICS on **01/02/2019** 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



SRM UNIVERSITY

Established U/S.3 of UGC Act 1956

13 / 021886

PROVISIONAL CERTIFICATE

Faculty of Science and Humanities



Register No. : 7720910002

Folio No. : AG160058

This is to certify that **REVATHI V**
has qualified for the Degree of **DOCTOR OF PHILOSOPHY in**
PHYSICS
and he/she having been declared eligible in **SEPTEMBER-2016** *to receive the*
Ph.D. Degree at a Convocation of this University.

Title of the Thesis : STRUCTURAL, DIELECTRIC, MAGNETIC AND MICROWAVE STUDIES ON FERRITE - PVDF COMPOSITE ELECTROSPUN FIBERS [PHYSICS].

Signature of the Candidate :

SRM Nagar, Kattankulathur - 603 203,
Kanchi District (D.T.), Tamil Nadu, India.



Date - **20-Sep-2016**

CONTROLLER OF EXAMINATIONS

KARUNYA UNIVERSITY

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

KARUNYANAGAR, COIMBATORE - 641 114, TAMILNADU, INDIA



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

ROHINI. B

*has been admitted to the Degree of
Doctor of Philosophy
in
Physics*

under the Faculty of Science

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

Title of the Thesis:

*Preparation and Characterization of polar/non-polar hybrid CuO nanofluids for heat
transfer applications*



Given under the seal of the University

Dated: 11th July 2015


Chancellor


Vice Chancellor


Registrar