



# K.S.R.M. COLLEGE OF ENGINEERING (UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India– 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

An ISO 14001:2004 & 9001: 2015 Certified Institution

## List of full-time teachers with Ph.D./D.Litt.

AY 2018-19

S.No	Name of the teaching staff	Qualification	Area of expertise	Year of award	Name of the awarding university
1	Dr.K.Harish	Ph.D	Civil Engineering	2016	Annamalai University
2	Dr.V.Giridhar	Ph.D	Civil Engineering	2015	JNTU Ananthapur
3	Dr.Kamalakaran.S	Ph.D	Environmental Engineering	2015	Uttar Pradesh Technical University
4	Dr.Ranganathan.A	Ph.D	Civil Engineering	2014	Anna University
5	Dr.Adaikkalakumar.P	Ph.D	Civil Engineering	2013	Karunya University
6	Dr.G.Srenivasa Reddy	Ph.D	Civil Engineering	2013	JNTU Ananthapur
7	Dr.Sivasubramanian.R	Ph.D	Civil Engineering	2012	Bharath University
8	Dr.Balamurugan.R	Ph.D	Structural Engineering	2012	Annamalai University
9	Dr.T.Kiran Kumar	Ph.D	Water Resources Engineering	2012	JNTU Ananthapur
10	Dr. T. Mariprasath	Ph.D	Renewable Energy	2017	THE GANDHIGRAM RURAL DEEMED UNIVERSITY
11	Dr. K. Amaresh	Ph.D	Electrical Engineering	2016	JNTU Ananthapur
12	Dr. J Chandru	Ph.D	Mechanical Engineering	2017	Annamalai University
13	Dr. B. Sudharsan	Ph.D	Mechanical Engineering	2017	Centurion University Of Technology And Management,Odisha
14	Dr. M. Rama Rao	Ph.D	Renewable Energy	2017	Annamalai University
15	Dr. K. S. Ansari	Ph.D	Mechanical Engineering	2016	Vinayaka Mission University
16	Dr. N. K. Vadivel	Ph.D	Mechanical Engineering	2015	Sathyabhama University
17	Dr. D. Venu Gopal	Ph.D	Thermal Engineering	2014	Techno Global University
18	Dr. D. Ravikanth	Ph.D	Industrial Engineering	2012	Jntua
19	Dr. P. Murugesan	Ph.D	Industrial Engineering	2009	Anna University,Chennai
20	Dr. V S S Murthy	Ph.D	Thermal Engineering	2005	Jntu
21	Dr. K. Raja Gopal	Ph.D	Industrial Engineering	1998	Sri Venkateswara University
22	Dr G. Hemalatha	Ph.D	ECESignal Processing	2016	SV university
23	Dr. J. Kaliyappan	Ph.D	ECE-DSP	2016	Bharath university
24	Dr. K. Murali Babu	Ph.D	ECE-Wireless communication	2014	Annamalai university
25	Dr. M.V.Narayana	Ph.D	ECE-Signal Processing	2014	JNTUA
26	Dr. G. Sudhagar	Ph.D	Electrical engineering-Energy engineering	2014	Goutam buddh Technical university
27	Dr. V. Gajendra Kumar	Ph.D	Applied electronics-CSE	2013	Manonmaniam sundaranar university
28	Dr. K. Jeya Kumar	Ph.D	Applied electronics-economics	2012	Manonmaniam sundaranar university

29	Dr. C. Jaya kumar	Ph.D	ECE-VLSI signal processing	2012	Karunya university
30	Dr. G. Nagarajan	Ph.D	ECE-VLSI signal processing	2011	Karunya university
31	Dr.M.Venkata Ramana	Ph.D	Mobile Adhoc Networks	2019	Jntu Anantapur
32	Dr. K. Sreenivasa Rao	Ph.D	Data Mining	2019	Hindustan University
33	Dr. M.V. Rathnamma	Ph.D	Mobile Adhoc Networks	2018	Jntu Anantapur
34	Dr. N. Ramanjaneya Reddy	Ph.D	Computer Networks	2018	Jntu Anantapur
35	Dr. K. Venkata Ramana	Ph.D	Wireless Networks	2017	Annamalai University
36	Dr. T. Nedunchezhain	Ph.D	Image Processing	2016	Hindustan University
37	Dr. C.N. Ravi	Ph.D	Data Mining	2016	Bharath University
38	Dr. G. Rajesh Chandra	Ph.D	Image Processing	2016	Jntu Anantapur
39	Dr. T. Srilakshmi	Ph.D	Image Processing	2016	Jntu Anantapur
40	Dr. V. Lokeswara Reddy	Ph.D	Image Processing	2015	Jntu Anantapur
41	Dr. M. Sreenivasulu	Ph.D	Computer Networks	2013	Jntu Anantapur
42	Dr. G. Amirthayogan	Ph.D	Web Services	2012	Hindustan University
43	Dr. P. Prabakaran	Ph.D	Data Mining	2012	Manonmaniam Sundaranar University
44	Dr. M.Sreenivasulu	Ph.D	Data Mining	2011	Sathyabama University
45	Dr. G. S. Sreedhar	Ph.D	Data Mining	2011	Jntu Anantapur
46	Dr. B.V. Ramana Reddy	Ph.D	Computer Networks	2011	Jntu Anantapur
47	Dr. K.G.S. Venkatesan	Ph.D	Data Mining	2011	Annamalai University
48	Dr. G. Radha	Ph.D	Mathematics	2018	Sri Venkateswara University, Tirupathi
49	Dr.K.Susmitha	Ph.D	Physics	2016	Yogi Vemana University, Kadapa
50	Dr.G.Nagamani	Ph.D	B'Management	2015	Sri Padmavathi Mahila Viswa Vidyalayam, Tirupathi
51	Dr.N.Suhasini	Ph.D	Management	2015	JNTUniversity, Hyderabad
52	Dr.N.Sulochana	Ph.D	Mathematics	2014	Yogi Vemana University, Kadapa
53	Dr. K. Venkata Ramana	Ph.D	Chemistry	2013	Sri Venkateswara University, Tirupathi
54	Dr. I. Sreevani	Ph.D	Chemistry	2011	Sri Krishnadevaraya University, Anantapur
55	Dr.A.Hariharanath Reddy	Ph.D	Management	2010	Sri Krishnadevaraya University, Anantapur
56	Dr.B.Rama Bhupal Reddy	Ph.D	Mathematics	2008	Sri Venkateswara University, Tirupathi
57	Dr.M.Sugunatha reddy	Ph.D	Economics	2006	Sri Krishnadevaraya University, Anantapur
58	Dr.G.Krishna Mohan	Ph.D	Management	2004	Sri Krishnadevaraya University, Anantapur
59	Dr.S.Madhusudhan Reddy	Ph.D	Statistics	1992	Sri Venkateswara University, Tirupathi

*[Signature]*

IQAC  
Co-ordinator

Internal Quality Assurance Cell (IQAC)  
KSRM College of Engineering  
Kadapa - 516 003

*[Signature]*

PRINCIPAL

PRINCIPAL  
K.S.R.M. COLLEGE OF ENGINEERING  
KADAPA-516005 (A.P)



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING AND TECHNOLOGY

ஜூலை, 2016 இல் குடிமுறை பணிப் பொறியியல்  
பிரிவில் நடத்திய தேர்வுகளில் ஹரிஜ் கே  
தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி,  
ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார்  
என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இதன்வழி 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

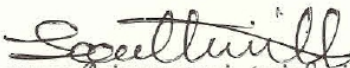



அண்ணாமலைநகர்

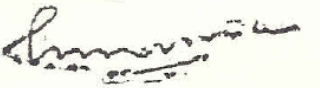
Annamalainagar

நாள்:

Dated: 30/01/2017

  
துணை தேர்வாளையர் (கல்விசார்ந்த)  
Dy. Controller of Examinations (Academic)

  
Dr. K. Arumugam  
பதிவாளர் (பொறுப்பு)  
Registrar (i/c)

  
Dr. S. Manian  
துணை வேந்தர்  
Vice-Chancellor

CC100183

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**



**ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA**

H.T.No: 0803PH0525

*V Giridhar*

*Dr V Sankaraiah*


*having fulfilled the academic requirements in June, 2015 has this day been admitted by the Monitoring & Development Committee to the Degree of*

*Doctor of Philosophy*  
**(Civil Engineering)**

**for the Thesis entitled,  
"EXPERIMENTAL STUDIES ON STRENGTH AND DURABILITY CHARACTERISTICS OF  
CERAMIC WASTE AGGREGATE CONCRETE"**

*Sunday, 27 December, 2015..*

Given under the Seal of the University

  
Director of Evaluation

  
Registrar

  
Vice Chancellor

# उत्तर प्रदेश प्रविधिक विश्वविद्यालय



(पूर्ववर्ती उत्तर प्रदेश प्राविधिक विश्वविद्यालय, लखनऊ)

विश्वविद्यालय की विद्या परिषद की अनुमति पर

**कमलकन्नन.एस**

को डॉक्टर ऑफ फिलॉसफी विद्या में पर्यावरण इंजीनियरिंग की डॉक्टर उपाधि  
प्रथम श्रेणी में

उनकी द्वारा इस उपाधि की अर्जित हेतु  
विश्वविद्यालय द्वारा विहित अपेक्षाओं को सफलतापूर्वक पूरा करने पर  
एतद्वारा सन् 2015 में प्रदान की जाती है।

## Uttar Pradesh Technical University

(Formely Uttar Pradesh Technical University, Lucknow)

*Upon the recommendation of the Academic Council,  
the University hereby confers the degree of*

**Doctor of Philosophy (Environmental Engineering)**

*upon*

**KAMALAKANNAN.S**

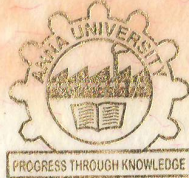
*who has successfully completed the requirements prescribed by the University  
for the award of this degree in*

**First Division**

*in the year 2015*



# Anna University



Reg.No. 7076022113/RG

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

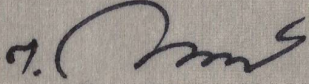
Title of the Thesis:

**STRENGTH DURABILITY AND SELFCOMPACTABILITY OF GEOPOLYMER CONCRETE**



Given under the Seal of the University

Chennai 600 025  
India  
November 2014  
KAB011031

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor  
287238461710760F6668318BE5B1CB32

# Karunya UNIVERSITY

(Karunya Institute of Technology and Sciences)

Declared as Deemed to be University under Sec. 3 of the UGC Act, 1956

KARUNYA NAGAR, COIMBATORE - 641 114, TAMILNADU, INDIA.



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

**ADAIKKALAKUMAR P**

*has been admitted to the Degree of  
Doctor of Philosophy  
in  
CIVIL ENGINEERING  
Faculty of Engineering*

*having been certified by duly appointed examiners to be  
qualified to receive the same in February 2013*

*Title of the Thesis :*

*Seismic Performance of Hybrid Concrete Steel Structures*



*Given under the seal of the University*

*Dated: 16 July 2013*

*Paul Shinkaraw*  
Chancellor

*James*  
Vice Chancellor

*Deepthi*  
Registrar

CC 051352

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTAPUR - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 30533CE-PH

*G Srenivasa Reddy*

*No G Rami Reddy*

*having fulfilled the academic requirements in March, 2013 has this day been admitted by the Monitoring & Development Committee to the Degree of*

*Doctor of Philosophy*  
(Civil Engineering)

for the Thesis entitled,  
**"PERFORMANCE EVALUATION OF SIGNALIZED URBAN INTERSECTION UNDER MIXED TRAFFIC CONDITIONS"**

Monday, 16 December, 2013.

Given under the Seal of the University



*[Signature]*

Director of Evaluation

*[Signature]*

Registrar

*[Signature]*

Vice Chancellor



Folio No. 456155



பாரத் பல்கலைக்கழகம்

**Bharath University**

Bharath Institute of Higher Education and Research  
(Declared under section 3 of the UGC Act 1956)



**FACULTY OF ENGINEERING**

The board of management of the Bharath University here by makes known that SIVASUBRAMANIAN.R born on 12-JUNE-1973 has been admitted to the DOCTOR OF PHILOSOPHY in CIVIL ENGINEERING he/she 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 D09CE003

Thesis Title:

**STUDIES ON PROPERTIES OF CONCRETE SUBJECTED TO HIGH TEMPERATURES**



Given under the Seal of the University

DATE 23 JAN 2013  
173 Agaram Road

  
CONTROLLER OF  
  
REGISTRAR

  
VICE - CHANCELLOR

அண்ணாமலைப்

ANNAMALAI



பல்கலைக்கழகம்

UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING & TECHNOLOGY



0006170

செப்டம்பர், 2012 இல்

கட்டமைப்பும் பொறியியல்

பிரிவில் நடத்திய தேர்வுகளில்

பாலமுருகன் இரா

தேர்ச்சியடைந்து ஆய்வேடம் மதிப்பிட முறைபாக கனம்மாடபெற்ற தேர்வுக்குழுவின் பரிந்துரை,

ஆய்வியல் அறிஞர்

பட்டம் பெறுவதற்கு உரியவர் ஆகிறார்

என அண்ணாமலைப் பல்கலைக்கழக ஆளவை தீர்மானி அறிவிக்கின்றது.

The Senate of the ANNAMALAI UNIVERSITY hereby makes known 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 valued his/her thesis to be qualified to receive the same in SEPTEMBER, 2012.

TITLE OF THE THESIS

Disaster Management in Tsunami affected Portonova Beach

பல்கலைக்கழக முத்திரை பெறுகின்றது  
Given under the seal of the University

அண்ணாமலைவழி  
Annamalainagar

நாள்:

Dated: 04/10/2012

Dr. M. Menakysundaram

பதிவுரை

Registrar

Dr. M. Ramanathan

குணம் காரியர்

Vice-Chancellor

CC 030856

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTAPUR - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 32107WR-PH

*J Kiran Kumar*

*No J Sanjevi*

*having fulfilled the academic requirements in November 2012 has this day  
been admitted by the Monitoring & Development Committee to the Degree of*

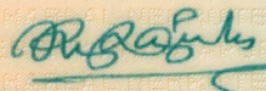
*Doctor of Philosophy*  
(Water Resources Engineering)

for the Thesis entitled,  
"STUDIES ON INTEGRATED WATERSHED MANAGEMENT - A CASE STUDY"

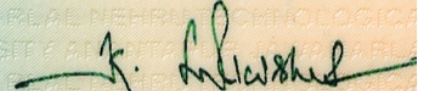
Tuesday, 4 December, 2012.

Given under the Seal of the University



  
Director of Evaluation

  
Registrar

  
Vice Chancellor



# THE GANDHIGRAM RURAL INSTITUTE DEEMED UNIVERSITY

(Estd.u/s 3 of the UGC Act and fully funded by MHRD, Government of India)  
Re-accredited by NAAC with 'A' Grade

Serial No.50349



The Board of Management of  
**THE GANDHIGRAM RURAL INSTITUTE**

hereby confers the degree of

**DOCTOR OF PHILOSOPHY**

on

**MARIPRASATH.T**

[Son of Thenkaraimuthu.V and Saroja.T]

for having successfully completed the prescribed programme of study

and

presented the thesis titled

**FEASIBILITY ANALYSIS OF NON EDIBLE PONGAMIA  
PINNATA OIL AS ALTERNATE LIQUID DIELECTRICS FOR  
DISTRIBUTION TRANSFORMER**

(Date of Viva Voce: 09.12.2016)

Given this day the Twenty third of January 2017

Given under the Seal of the Institute



CC 126040

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**



**ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA**

**H.T.No: 0603PH0729**

*Karnam Amaresh*

*Shri K Siva Rama Rao*

*having fulfilled the academic requirements in May, 2016 has this day*

*been admitted by the Executive Council to the Degree of*

*Doctor of Philosophy*  
**(Electrical Engineering)**

**for the Thesis entitled,**

**"CERTAIN RELIABILITY OPTIMIZATION TECHNIQUES FOR RADIAL DISTRIBUTION SYSTEMS INCLUDING DISTRIBUTED GENERATION"**

*Wednesday, 28 December, 2016.*

Given under the Seal of the University



*[Signature]*  
Director of Evaluation

*[Signature]*  
Registrar

*[Signature]*  
Vice Chancellor



Reg. No. 120505MEP001

Sl. No. 0018/06-12/2017

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA



Centurion  
UNIVERSITY

Shaping Lives...  
Empowering Communities...

(Estd. Vide Odisha Act 4 of 2010 & u/s 2 (f) of UGC Act, 1956)

This is to certify that

**BOLLAPU SUDARSHAN**

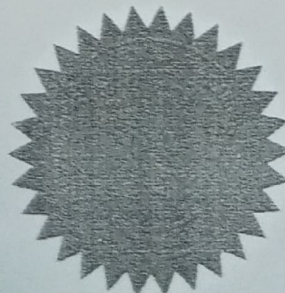
was admitted to the Degree of

**Doctor**

of

**Philosophy**

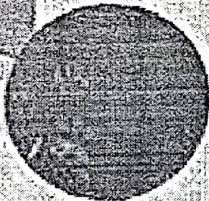
on the 11<sup>th</sup> day of December in the year 2017



Dated: 11<sup>th</sup> December, 2017

*Haribardhan Raut*  
Vice Chancellor

# Annamalai University



Register No. 1332040002

## PROVISIONAL CERTIFICATE - Ph.D

This is to certify that **RAMARAO M**  
has qualified himself/herself for the award of the Degree of  
Doctor of Philosophy in **MECHANICAL ENGINEERING**  
on **05/09/2017** and he/she having been certified by duly appointed  
examiners and approved by the Syndicate of the University.

### TITLE OF THE THESIS

" **EXPERIMENTAL ANALYSIS OF GASIFIED BIOMASS BLENDS** "

Annamalainagar - 608 002

Date: **26/10/2017**



*M. Rangaraj*  
Controller of Examinations



Reg No : 18227629841

Sl. No. 3412804453

C.No: 4056

# Vinayaka Missions University



The Board of management of the Vinayaka Missions University here by makes known that

**A.K.S.ANSARI ALIAS KADARACERA**

has been admitted to the degree of

**Doctor of Philosophy in Mechanical Engineering**

for The topic - **DESIGN AND SIMULATION OF EFFECTIVE COOLING IN VENTILATED BRAKE DISC**

who has successfully completed the prescribed course of Study

and is therefore awarded this **Doctorate Degree**

with all the honours, Right Privileges to that degree pertaining

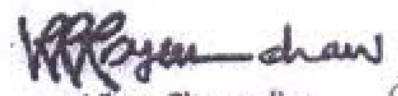
Given on this 29th day of August in the year two-thousand sixteen in the State of Tamilnadu

Given Under the seal of the university  
under section 3 of the UGC Act 1956

(Formerly Vinayaka Missions Research Foundation Deemed University)



  
Registrar

  
Vice- Chancellor

Date :  
29/08/2016  
Salem, India



# SATHYABAMA UNIVERSITY

(Established under section 3 UGC Act. 1956)

( A CHRISTIAN MINORITY INSTITUTION)

சத்யபாமா பல்கலைக்கழகம்

(பல்கலைக்கழக மானியக் குழு பிரிவு 3 சட்டம் 1956ன் கீழ் நிறுவப்பட்டது)

(கிறித்துவ சிறுபான்மையினர் கல்வி நிறுவனம்)

## FACULTY OF MECHANICAL ENGINEERING



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

**VADIVEL.N.K**

has been conferred

the **DEGREE OF DOCTOR OF PHILOSOPHY,**

having been certified by duly appointed

examiners to be qualified to receive the same on

**FEBRUARY 2015**

for the thesis entitled

**STUDY & OPTIMIZATION JOINING OF TITANIUM ALLOY AND STAINLESS  
STEEL USING BRAZING TECHNIQUES.**

Given under the seal of the university, at chennai this

**TWENTY TWO**

day of

**December 2015**

Given under the seal of the University

Registrar

Director

Director

Vice-Chancellor



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

Date : Dec 22, 2015



# TECHNO GLOBAL UNIVERSITY

886915



## {FINAL AWARD}

*This is certified that Mr./Ms. MR.VENUGOPAL.V Enrollment no. IS111000213626 Session:-2011-14 has successfully completed all the requirements as per the university norms for the award of the degree of DOCTOR OF PHILOSOPHY in the field of MECHANICAL ENGINEERING in the faculty of ENGINEERING.*

*The thesis entitled "Analysis In Thermal Modeling And Characterization Of Solid Oxide Fuel Cell Based Biomass Gasification System" has been accepted by the university.*

*The Degree Awarded.*

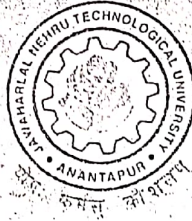
ADD:-A.N.BISHNUPUR, SHILLONG, MEGHALAYA, INDIA-793003  
(Estd. 2008 under Section 2f of UGC Act 1956)  
DATE:- 04-AUG-2014



Signature of the Chancellor

CC 031129

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTAPUR - 515 002, ANDHRA PRADESH, INDIA

H.T.No: ME-PH401516

*Dodda Ravi Kanth*

*No Sivaiah*

*having fulfilled the academic requirements in July, 2012 has this day been admitted by the Monitoring & Development Committee to the Degree of*

*Doctor of Philosophy*  
(Mechanical Engineering)

for the Thesis entitled,  
"DECISION SUPPORT SYSTEM IN A THERMAL POWER STATION-AN INVESTIGATIVE STUDY  
ON CONCEPTUALIZATION AND DEVELOPMENT OF A MODEL FOR EFFECTIVE EXECUTIVE  
DECISION MAKING"

*Thursday, 27 December, 2012.*

Given under the Seal of the University

Director of Evaluation

Registrar

Vice Chancellor

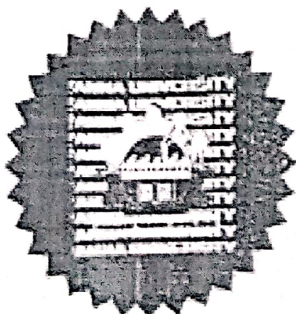


Reg. No. 2003279708/RG

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

Chennai 600 025  
India  
February 2010

*V. Jayaram*  
Controller of Examinations

*S. Srinivasan*  
Registrar

*P. Srinivasan*  
Vice-Chancellor

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

ANDHRA PRADESH, INDIA



*Velidandla Sudhakara Srinivasa Murthy*

*S/o Velidandla Venkata Subba Rao*

having fulfilled the academic requirements in *September - 2005*

has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*  
(Mechanical Engineering)

Topic : Investigations on the Use of Vegetable Oil in a Low Heat Rejection CI Engine.

Given under the Seal of the University



H.T.No : 02164ME

Hyderabad

Date : 25 March, 2006 Director of Evaluation

Registrar



AL00268

Sr. No. P0001



Faculty of Engineering

*This is to Certify that*

*Kurnool Raja Gopal*

*Son of H. Venkaturamanappa*

*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 : MECHANICAL ENGINEERING

SUBJECT OF THE THESIS : "Some Studies on Productivity  
Measurement and Improvement  
in Small Scale Industries  
using Management Science and  
Decision Support Systems."

YEAR : 1998

*Given under the Seal of the University*

*Tirupati*

*Dated* 02 DEC. 2000

*[Signature]*  
Vice-Chancellor



Sl. No.: PT

005912



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ ఇంజనీరింగ్  
Faculty of Engineering

జీ హేమలత

గోపాల్ రెడ్డి గారి కుమార్తె కు

ఈ విశ్వవిద్యాలయం నుండి క్రింద సూచించిన విధంగా ఆమె పట్టాకు  
నిర్దేశించిన పరీక్షలో ఉత్తీర్ణత వొందినందుకు

డాక్టర్ ఆఫ్ ఫిలాసఫి

పట్టా ప్రదానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

*This is to certify that*

*G. Hemalatha*

*Daughter of Gopal Reddy  
has been admitted to the Degree of*

**Doctor of Philosophy**

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

DEPARTMENT OF STUDY : **ELECTRONICS AND COMMUNICATION ENGINEERING**

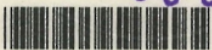
SUBJECT OF THE THESIS : "Efficient Extraction of Visual Evoked  
Potentials from Noisy Background EEG Using  
Different Techniques"

YEAR : **2016**

విశ్వవిద్యాలయ అధికార ముద్ర తో జారీ చేయడమైంది.  
*Given under the Seal of the University*

తిరుపతి / Tirupati

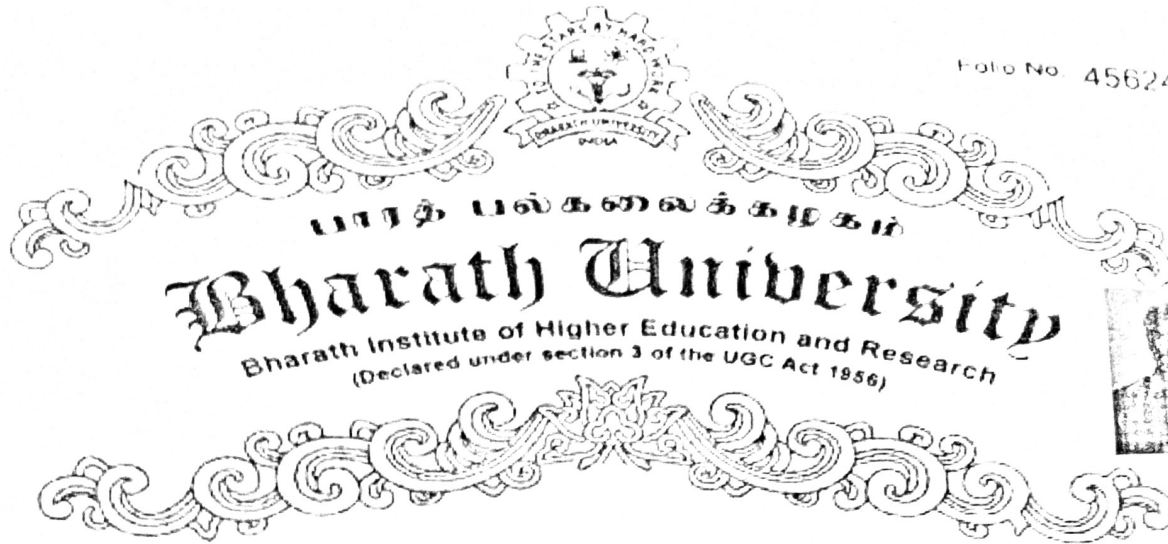
తేది / Date **09 JAN 2017**



ఉపకులసతీ  
Vice - Chancellor



Folio No 456244



FACULTY OF ENGINEERING

The board of management of the Bharath University here by makes known that KALIAPPAN .J born on 10-JUNE-1968 has been admitted to the DOCTOR OF PHILOSOPHY in ELECTRONICS AND COMMUNICATION, he/she 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 FEB 2016 with Registration Number D12CS003

Thesis Title:

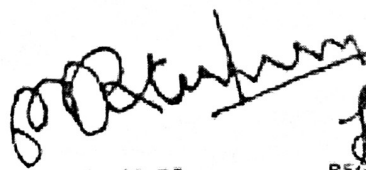
**MAPPING DSP BENCHMARKS ON TO RECONFIGURABLE  
HARDWARE ARCHITECTURE**

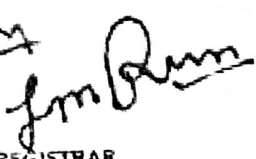


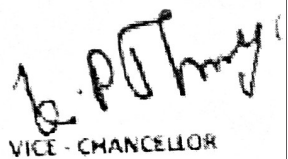
சென்னை பல்கலைக்கழகம்

Given under the Seal of the University

DATE  
173 Agaram Road  
Chennai - 600 073  
Tamil Nadu

  
CONTROLLER OF  
EXAMINATIONS  
Dr. M. PREMJEYAKUMAR

  
REGISTRAR  
Dr. Prof. S.M. RAJENDRAN  
MD.ERC. P/U. KL.FOMSA

  
VICE - CHANCELLOR  
Dr. K.P. THOOJYAMANI  
B.E., M.B.A., M.Sc., ENGG.

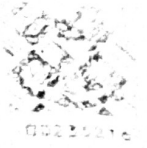
அண்ணாமலைப்  
ANNAMALAI



பல்கலைக்கழகம்  
UNIVERSITY



பொறியியற்பலம்  
FACULTY OF ENGINEERING & TECHNOLOGY



செப்டம்பர், 2014 இல் பின்னணு மற்றும் தொலை தொடர்பும்  
பொறியியல் பிரிவில் நடத்திய தேர்வுகளில் முரளிபாபு கு  
சொறியியலுக்கு ஆர்வலத்தை மதிப்பிட முன்னாள் அமைச்சுப் பெற்ற தேர்வுகளுடனான சான்றிதழை  
ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார்  
என்ப அண்ணாமலை பல்கலைக்கழக ஆளவை இசைவு அளித்திருக்கிறது.

The Senate of the ANNAMALAI UNIVERSITY hereby makes known  
that **MURALI BABU K** has been admitted to the  
Degree of **DOCTOR OF PHILOSOPHY** in **ELECTRONICS AND COMMUNICATION  
ENGINEERING**, he/she having been certified by duly appointed Board of Examiners who value  
his/her thesis to be qualified to receive the same in, **SEPTEMBER 2014.**

**TITLE OF THE THESIS,**

**A Study of Papr Reduction Techniques on MIMO OFDM System**

பல்கலைக்கழக முத்திரை பெறுகின்றது  
Given under the seal of the University

அண்ணாமலைப்பேரரசி  
Annamalainagar  
தா.வி. 3  
Dated: 31/12/2014

சுவை தேர்வாளையர் (கல்வியாளர்)  
Dy. Controller of Examination (Academic)

Dr. M. Govindarathnam  
பதிவாளர்  
Registrar

Shri. Das M  
திர்வாளர்  
Administrator

CC075973

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 0803PH0889

*M Venkatanarayana*

*No M Pedda Venkataramudu*

*having fulfilled the academic requirements in February, 2014 has this day  
been admitted by the Monitoring & Development Committee to the Degree of*

*Doctor of Philosophy*  
(Electronics & Communication Engineering)

for the Thesis entitled,  
"VARIANCE REDUCTION IN POWER SPECTRUM USING CEPSTRAL THRESHOLDING  
APPROACH"

Wednesday, 24 December, 2014.

Given under the Seal of the University

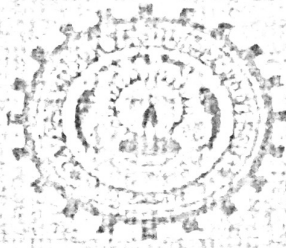


*[Signature]*  
Director of Evaluation

*[Signature]*  
Registrar

*[Signature]*  
Vice Chancellor

गौतम बुद्ध प्राविधिक विश्वविद्यालय



(पूर्ववर्ती उत्तर प्रदेश प्राविधिक विश्वविद्यालय, लखनऊ)  
 विश्वविद्यालय की शिक्षा विभाग द्वारा अनुमोदित  
 श्री सुधागर

को इलेक्ट्रिकल इंजीनियरिंग (ऊर्जा इंजीनियरिंग) अर्थात् वायुमय विद्युत प्रणाली  
 प्रथम श्रेणी

उपरोक्त द्वारा इस उपाधि को अर्जित करने  
 विश्वविद्यालय द्वारा विहित उपेक्षाओं को सफलतापूर्वक पूरा करने पर  
 एतद्द्वारा वर्ष 2014 में प्रकाशित की गयी है।  
 उपरोक्त को निम्ने आगम सिद्ध विषय पर गौरव प्राप्त प्रत्युत किया  
 कवचियत और औद्योगिक अनुप्रयोगों के लिए द्वायु गरम सती का भंडारण का उपयोग को  
 ताप प्रणाली का डिजाइन ।

**Gautam Buddha Technical University**  
 (Formerly Uttar Pradesh Technical University, Lucknow)

Upon the recommendation of the Academic Council  
 the University hereby confers the degree of  
**Doctor of Philosophy Electrical Engineering (Energy Engineering)**

**G. SUDHAGAR**

who has successfully completed the requirements prescribed by the University  
 for the award of this degree

First Division  
 Lucknow, 2014

The subject on which this degree is conferred is  
 Electrical Engineering (Energy Engineering)  
 and the title of the dissertation is  
 Design of Thermal Storage System for  
 Applications

மனோமனியம் சுந்தரனார் பல்கலைக்கழகம்  
 Manonmaniam Sundaranar University



மொழியியற் புவம்  
 FACULTY OF ENGINEERING

மனோமனியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு  
 கஜேந்திர குமார் வ

மொழியியற் புவம் - கணினி அறிவியல் மற்றும் மொழியியல் (திரிபிளவு) படிப்பில்  
 அறிவிப்பு: பட்டம் பெறுவதற்குத் தேர்தெடுக்கப்பட்டவர் என முன்னராக அமைச்சரவரின்  
 தீர்மானம் காண்பிக்கப்பட்டு, பிப்ரவரி 2013 ஆம் ஆண்டில்  
 தேர்வு பெறப்பெற்றுத் தரப்பட்ட ஆசிரியர் என குதனவழி அறிவிக்கின்றது.  
 பல்கலைக்கழக முத்தரையின் கீழ் கட்டுக்கப்படுகிறது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY  
 hereby makes known that GAJENDRA KUMAR V  
 has been admitted to the Degree of Doctor of Philosophy in  
 APPLIED ELECTRONICS -COMPUTER SCIENCE AND ENGINEERING (INTERDISCIPLINARY)  
 he/she having been certified by duly appointed Examiners to be qualified  
 to receive the same in the year FEBRUARY 2013



Given under the seal of the University

திருநெல்வேலி துருப்பர்  
 Tirunelveli, India

*S. Prabhakar*  
 (Dr. S. Prabhakar)  
 திரு. ச. ப்ரஹகர்

*(Dr. J. Jeyanthi cheverem)* (Dr. A. K. Sundar)  
 திரு. ஜி. ஜெயந்தி சேவரம் திரு. அ. க. சுந்தர்

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழகம்  
Manonmaniam Sundaranar University



பொறியியற் புலம்  
FACULTY OF ENGINEERING

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு  
ஜெயக்குமார் கா

பயன்பாட்டு மின்னணுவியல் - பொருளியல் (இணைவு) பாடப்பிரிவில்

அந்நூர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற  
தேர்வினோர் சான்றளித்தவாறு டிசம்பர் 2012 ஆம் ஆண்டில்  
இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY  
hereby makes known that J EYAKUMAR K  
has been admitted to the Degree of Doctor of Philosophy in  
APPLIED ELECTRONICS -ECONOMICS (INTERDISCIPLINARY)

he/she having been certified by duly appointed Examiners to be qualified  
to receive the same in the year DECEMBER 2012



Given under the seal of the University.

திருநெல்வேலி, இந்தியா  
Tirunelveli, India

21.02.2013

S. Prabahar  
(Dr. S. Prabahar)

தோலாணையர்

Controller of Examinations

P. Govindaraju

(Dr. P. Govindaraju)

பதிவாளர்

Registrar

A. K. Kumaraguru

(Dr. A. K. Kumaraguru)

ஆணை வேந்தர்

Vice-Chancellor

# Karunya UNIVERSITY

(Karunya Institute of Technology and Sciences)

Declared as Deemed to be University under Sec. 3 of the UGC Act, 1956

KARUNYA NAGAR, COIMBATORE - 641 114, TAMILNADU, INDIA.



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

**JAYAKUMAR C**

*has been admitted to the Degree of*

Doctor of Philosophy

in

**ELECTRONICS AND COMMUNICATION**

**Faculty of Engineering**

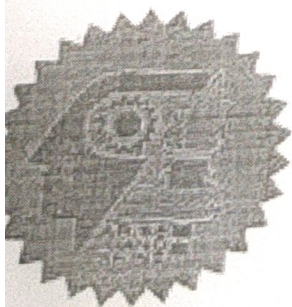
*having been certified by duly appointed examiners to be  
qualified to receive the same in January 2012*

*Title of the Thesis :*

*Multirate VLSI signal processing for embedded applications*

*Given under the seal of the University*

*Dated: 20 June 2012*



*Paul Thirumagan*  
Chancellor

*Jamal*  
Vice Chancellor

*Deepthi*  
Registrar

Reg. No. PR08EC0140

# Karunya UNIVERSITY

(Karunya Institute of Technology and Sciences)

Declared as Deemed to be University under Sec. 3 of the UGC Act, 1956

KARUNYA NAGAR, COIMBATORE - 641 114, TAMILNADU, INDIA.



The Board of Management  
of  
Karunya University  
hereby makes known that

NAGARAJAN G

has been admitted to the Degree of  
Doctor of Philosophy  
in

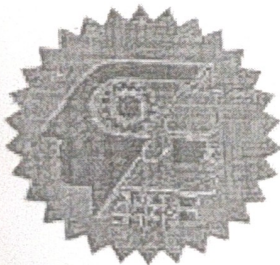
ELECTRONICS AND COMMUNICATION

Faculty of Engineering

having been certified by duly appointed examiners to be  
qualified to receive the same in January 2011

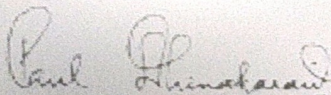
Title of the Thesis :

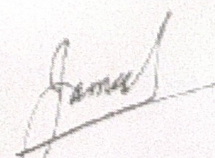
Multirate VLSI signal processing for embedded applications

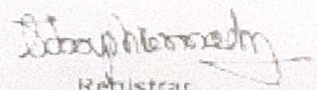


Given under the seal of the University

Dated: 11 July 2011

  
Chancellor

  
Vice Chancellor

  
Registrar



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

Adm. No. 10PH0510

SI. No. PC 0237500



PROVISIONAL CERTIFICATE

This is to certify that Mr. VENKATARAMANA M

Son of Sri PULLAYAH N.

has satisfied all the requirements for the award of

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

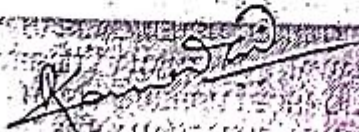
in the faculty of \*\*\* Computer Science & Engineering \*\*\*

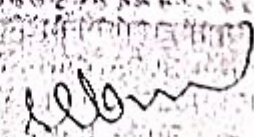
for the Thesis entitled,

"DESIGN OF ENERGY EFFICIENT ROUTING PROTOCOLS WITH  
MAXIMUM THROUGHPUT IN MANETS"

(Date of Viva Voce :- 05.07.2017)

Saturday, July 15, 2017.

  
DIRECTOR OF EVALUATION

  
REGISTRAR



The Chancellor and the Board of Management on the recommendation of the  
Academic Council of Hindustan Institute of Technology and Science

hereby confer the Degree of

**Doctor of Philosophy**

on

**KANNASANI SRINIVASARAO**

who has fulfilled the requirements for the degree as prescribed under the  
regulations and successfully defended the thesis entitled

“Extracting the Users’ Interests by Using

Web Log Data Based on Web Usage Mining”

Given on this day, the 14th of OCTOBER 2019



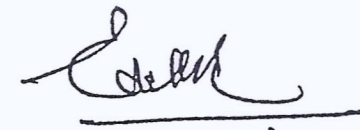
DATE : 19-10-2019

Chennai, India

  
REGISTRAR

  
VICE-CHANCELLOR

Given under the Seal of the University

  
CHANCELLOR



The Chancellor and the Board of Management on the recommendation of the  
Academic Council of Hindustan Institute of Technology and Science

hereby confer the Degree of

**Doctor of Philosophy**

on

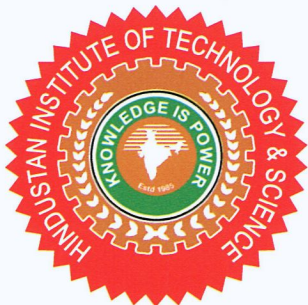
**KANNASANI SRINIVASARAO**

who has fulfilled the requirements for the degree as prescribed under the  
regulations and successfully defended the thesis entitled

“Extracting the Users’ Interests by Using

Web Log Data Based on Web Usage Mining”

Given on this day, the 14th of OCTOBER 2019



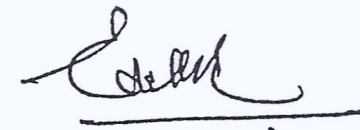
DATE : 19-10-2019

Chennai, India

  
REGISTRAR

  
VICE-CHANCELLOR

Given under the Seal of the University

  
CHANCELLOR

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CC033903

H.T.No:10PH0506

Aadhaar No:604838334495



*Rathnamma Mydukuri V*

*D/o. Subbanna*

*&  
Mydukuri Nagabhusanamma*

*having fulfilled the academic requirements in April, 2018 has this day  
been admitted by the Executive Council to the Degree of*

**\*\*\* Doctor of Philosophy \*\*\***

**(Computer Science & Engineering)**

**for the Thesis entitled,**

**"ENERGY EFFICIENT TRUST BASED ROUTING SCHEMES FOR MOBILE ADHOC NETWORKS"**

**Date of Viva Voce : 20.04.2018** Given under the Seal of the University

Wednesday, 27 February, 2019.



*[Signature]*

**DIRECTOR OF EVALUATION**

*[Signature]*

**REGISTRAR**

*[Signature]*

**VICE CHANCELLOR**



03330



Verified

*[Signature]*  
Superintendent 27/2/19

*[Signature]*  
ACE

*[Signature]*  
Controller of Examinations

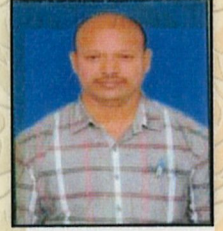
# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CC 033895

H.T.No:10PH0521

Aadhaar No:691060718262



*N Ramanjaneya Reddy*

*So. N Rama Krishna Reddy*

*&  
Nalavala Rukminamma*

*having fulfilled the academic requirements in March, 2018 has this day  
been admitted by the Executive Council to the Degree of*

**\*\*\* Doctor of Philosophy \*\*\***

**(Computer Science & Engineering)**

**for the Thesis entitled,**

**"PERFORMANCE ENHANCEMENT OF TCP FRIENDLY RATE CONTROL PROTOCOL OVER WIRED NETWORKS"**

**Date of Viva Voce : 26.03.2018 Given under the Seal of the University**

**Wednesday, 27 February, 2019.**



*[Signature]*

**DIRECTOR OF EVALUATION**

*[Signature]*

**REGISTRAR**

*[Signature]*

**VICE CHANCELLOR**

# அண்ணாமலைப் பல்கலைக்கழகம்

## ANNAMALAI UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING & TECHNOLOGY

மார்ச், 2017 இல் கணினி அறிவியல் பொறியியல் பிரிவில் நடத்திய தேர்வுகளில் வெங்கடரமணா.கி தேர்ச்சியடந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர்சான்றளித்தபடி ஆய்வியல் அறிஞர் பட்டம் பெறுதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக்குழு இதன்வழி அறிவிக்கின்றது

*The Syndicate of the Annamalai University hereby makes known that VENKATARAMANA K 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



அண்ணாமலைநகர்  
Annamalai Nagar  
நாள்

Dated: 22/12/2017

*Senthilvel*

Dr. S. Senthilvel

துணை தேர்வாணையர் (கல்விசார்ந்த)

Dy. Controller of Examinations (Academic)

*lc. Arumugam*

Dr.knArumugam

பதிவாளர்

Registrar

*Dr.S.Manian*

Dr.S.Manian

துணைவேந்தர்

Vice-Chancellor



# HINDUSTAN UNIVERSITY

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE

(Est'd. U/S 36 of UGC Act, 1956)



The Board of Management on the recommendation of the Academic Council of the University hereby confers on

**T NEDUNCHEZHIAN**

the degree of

## Doctor of Philosophy

in the Department of Computer Science And Engineering

for successfully completing the prescribed program of study and presenting the thesis titled

Detection Of Fovea Using Funds Retinal Image

Given on this day, the 05th of NOVEMBER 2016.

Given under the Seal of the University



DATE: 08.11.2016

Central, India

*[Signature]*

VICE-CHANCELLOR

*[Signature]*

CHANCELLOR

*[Signature]*

REGISTRAR



Folio No. 615245



பாரத பல்கலைக்கழகம்

**Bharath University**

Bharath Institute of Higher Education and Research  
(Declared under section 3 of the UGC Act 1956)



FACULTY OF ENGINEERING

The Board of Management of the Bharath University hereby makes known that C.N.RAVI born on 15-Jun-1976 has been admitted to the Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE, 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 JUNE 2016 with Registration Number D13CS007

Thesis Title :

Data Cube-Oriented Multi Dimensional Online Analytical (Olap) Mining In Data Privacy And Security



Given under the Seal of the University



DATE 28 AUG 2016

173 Agraram Road  
Chennai - 600 073

*[Signature]*  
CONTROLLER OF

REGISTRAR

*[Signature]*  
VICE - CHANCELLOR

CC100207

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 0900PH0503

*V Lokeswara Reddy*

*No V Eswara Reddy*

*having fulfilled the academic requirements in April, 2015 has this day been admitted by the Monitoring & Development Committee to the Degree of*

*Doctor of Philosophy*

**(Computer Science & Engineering)**

**for the Thesis entitled,  
"NOVEL TECHNIQUES FOR DATA HIDING IN IMAGE, AUDIO AND VIDEO: A  
STEGANOGRAPHIC APPROACH"**

*Sunday, 27 December, 2015..*

Given under the Seal of the University



*[Signature]*  
Director of Evaluation

*[Signature]*  
Registrar

*[Signature]*  
Vice Chancellor



CC 051349

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTAPUR - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 04PHD0503

*Meruva Sreenivasulu*

*Shri Meruva Venkata Swamy*

*having fulfilled the academic requirements in March, 2013 has this day been admitted by the Monitoring & Development Committee to the Degree of*

*Doctor of Philosophy*  
(Computer Science & Engineering)

for the Thesis entitled,  
"CONGESTION CONTROL IN ATM NETWORKS"

Monday, 16 December, 2013.

Given under the Seal of the University



  
Director of Evaluation

  
Registrar

  
Vice Chancellor

CC 051349

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTAPUR - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 04PHD0503

*Meruru Sreenivasulu*

*To Meruru Venkata Swamy*

*having fulfilled the academic requirements in March, 2013 has this day been  
admitted by the Monitoring & Development Committee to the Degree of*

*Doctor of Philosophy*  
(Computer Science & Engineering)

for the Thesis entitled,  
"CONGESTION CONTROL IN ATM NETWORKS"

Monday, 16 December, 2013.

Given under the Seal of the University



*[Signature]*  
Director of Evaluation

*[Signature]*  
Registrar

*[Signature]*  
Vice Chancellor



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CC 005817



H.T.No:11PH0503

Aadhar No:230809151893



*Nageswara Rao Sirisala*

*No. S Ireeramulu*

*having fulfilled the academic requirements in July, 2017 has this day  
been admitted by the Executive Council to the Degree of*

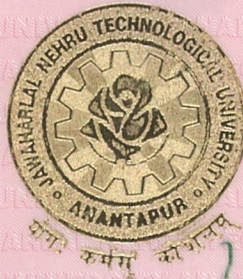
***Doctor of Philosophy***  
**(Computer Science & Engineering)**

**for the Thesis entitled,  
"ENHANCED QUALITY OF SERVICE ROUTING PROTOCOLS THROUGH TRUST COMPUTATION  
IN MOBILE ADHOC NETWORKS"**

Date of Viva Voce : 14.07.2017

Monday, 19 February, 2018.

Given under the Seal of the University



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

VICE CHANCELLOR



# HINDUSTAN UNIVERSITY

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE

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



The Board of Management on the recommendation of the Academic Council of the University  
hereby confers on  
**G AMIRTHAYOGAM**  
the degree of

## Doctor of Philosophy

In the Department of Computer Science And Engineering  
for successfully completing the prescribed program of study and presenting the thesis titled  
Web Service Discovery And Composition Using AHP Model  
Given on this day , the 27th of DECEMBER 2012.

Given under the Seal of the University



  
REGISTRAR

  
VICE-CHANCELLOR

  
CHANCELLOR

DATE : 27-12-2012  
Chennai, India

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழகம்  
Manonmaniam Sundaranar University



பொறியியற் புலம்  
FACULTY OF ENGINEERING

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு  
பிரபாகரன் ப

கணினி இயல் மற்றும் பொறியியல் பாடப்பிரிவில்

அறிஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற  
தேர்வினோர் சான்றளித்தவாறு டிசம்பர் 2012 ஆம் ஆண்டில்  
இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY  
hereby makes known that PRABAKARAN P  
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 DECEMBER 2012



Given under the seal of the University.

திருநெல்வேலி, இந்தியா  
Tirunelveli, India  
நாள், Dated .... 11.02.2013

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

P. Govindaraj  
(Dr. P. Govindaraj)  
பதிவாளர்  
Registrar

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

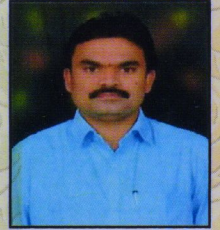
# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CC033906

H.T.No:0900PH0508

Aadhaar No:985009466244



*Vandadi Venkata Ramana*

*Sh. Ramanaiah V*

*&*

*Chinnamangalam Savitri*

*having fulfilled the academic requirements in June, 2018 has this day*

*been admitted by the Executive Council to the Degree of*

**\*\*\* Doctor of Philosophy \*\*\***

**(Computer Science & Engineering)**

**for the Thesis entitled,**

**"TRUST BASED BIO-INSPIRED APPROACHES FOR SECURE ROUTING IN MOBILE AD HOC NETWORKS"**

**Date of Viva Voce : 19.06.2018 Given under the Seal of the University**

**Wednesday, 27 February, 2019.**



*[Signature]*

**DIRECTOR OF EVALUATION**

*[Signature]*

**REGISTRAR**

*[Signature]*

**VICE CHANCELLOR**



# அண்ணாமலைப் பல்கலைக்கழகம்

## ANNAMALAI UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING & TECHNOLOGY

மார்ச், 2017 இல் கணினி அறிவியல் பொறியியல் பிரிவில் நடத்திய தேர்வுகளில் வெங்கடரமணா.கி தேர்ச்சியடந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர்சான்றளித்தபடி ஆய்வியல் அறிஞர் பட்டம் பெறுதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக்குழு இதன்வழி அறிவிக்கின்றது

*The Syndicate of the Annamalai University hereby makes known that VENKATARAMANA K 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



அண்ணாமலைநகர்  
Annamalai Nagar  
நாள்

Dated: 22/12/2017

*Senthilvel*

Dr. S. Senthilvel

துணை தேர்வாணையர் (கல்விசார்ந்த)

Dy. Controller of Examinations (Academic)

*lc. Arumugam*

Dr.knArumugam

பதிவாளர்

Registrar

*Dr.S.Manian*

Dr.S.Manian

துணைவேந்தர்

Vice-Chancellor

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

Adm. No. 10PH0510

SI No. PC 0237500



PROVISIONAL CERTIFICATE

This is to certify that Mr. VENKATARAMANA M

Son of Sri PULLAYAH N.

has satisfied all the requirements for the award of

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

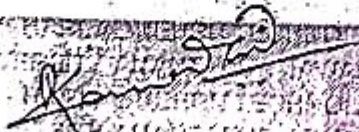
in the faculty of \*\*\* Computer Science & Engineering \*\*\*

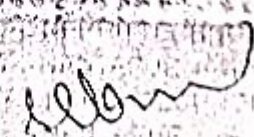
for the Thesis entitled,

"DESIGN OF ENERGY EFFICIENT ROUTING PROTOCOLS WITH  
MAXIMUM THROUGHPUT IN MANETS"

(Date of Viva Voce :- 05.07.2017)

Saturday, July 15, 2017.

  
DIRECTOR OF EVALUATION

  
REGISTRAR

CC 016887

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTAPUR - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 410639CS-PH

*Busireddy V Ramana Reddy*

*No B Pulla Reddy*

having fulfilled the academic requirements in March 2011 has this day been admitted by the Monitoring & Development Committee to the Degree of

*Doctor of Philosophy*  
(Computer Science & Engineering)

for the thesis entitled:  
"A RANDOM SET VIEW OF TEXTURE CLASSIFICATION"

Saturday, 23 August, 2011

Given under the Seal of the University



*[Signature]*  
Director of Evaluation

*[Signature]*  
Registrar

*[Signature]*  
Vice Chancellor



அண்ணாமலைப்

ANNAMALAI



பல்கலைக்கழகம்

UNIVERSITY



பொறியியல் புலம்

FACULTY OF ENGINEERING & TECHNOLOGY



5513166

மே, 2011 இல் கணிப்பொறி அறிவியல் மற்றும் பொறியியல் துறை  
நடத்திய தேர்வுகளில் வெங்கடேசன் கே. ஜி. எஸ்  
தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர்  
சான்றளித்தப்படி ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரிமையர் ஆகியவர்கள் என  
அண்ணாமலைப் பல்கலைக்கழக ஆளவை இதன்வழி அறிவிக்கின்றது.

The Senate of the ANNAMALAI UNIVERSITY hereby makes known  
that VENKATESAN K.G.S. has been admitted to the  
Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE & 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 MAY - 2011.

TITLE OF THE THESIS :

Analytical Study on Improvement of E Commerce Sales Using  
Web mining Technologies in SNS

அண்ணாமலைநகர்

Annamalainagar

நாள்:

Dated : 09/02/2012

துணை தேர்வாளையர் (கல்வி சார்ந்த)  
Dy. Controller of Examinations Academic

பதிவாளர்  
Registrar

தலைமேலவர்  
Vice-Chancellor

Sl. No.: 008007

PT



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ సైన్స్  
Faculty of Science

రాధ గజ్జల

శ్రీనివాస రెడ్డి జి గారి కుమార్తె కు

ఈ విశ్వవిద్యాలయం నుండి క్రింద సూచించిన విధంగా ఆమె పట్టాకు  
నర్దేశించిన పరీక్షలో ఉత్తీర్ణత వొందినందుకు

డాక్టర్ ఆఫ్ ఫిలాసఫి

పట్టా ప్రదానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

*This is to certify that*

*Radha Gajjala*

*Daughter of Pinivasa Reddy G*  
*has been admitted to the Degree of*

**Doctor of Philosophy**

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

DEPARTMENT OF STUDY : MATHEMATICS

SUBJECT OF THE THESIS : "Slip Effects on Boundary Layer Flow With  
Convective Heating"

YEAR : 2018

విశ్వవిద్యాలయ అధికార ముద్రతో జారీ చేయడమైంది.

*Given under the Seal of the University*

తిరుపతి / Tirupati

తేదీ / Date: 23<sup>rd</sup> June 2022.



*[Signature]*

ఉపకులపతి  
Vice - Chancellor

# Dr. J. Vemana University



యోగి వేమన విశ్వవిద్యాలయం



## Faculty of Sciences

This is to certify that Mr./Mrs./Miss. **SUSMITHA KALVAPALLI** son/daughter of Sri **RAJAREDDY KALVAPALLI** & Smt **SUSEELAMMA KALVAPALLI** has been admitted to the Degree of  
**Doctor of Philosophy**

based on the adjudication reports of the duly appointed examiners prescribed there for as here under.

Department: Physics

Title of the Thesis: "DEVELOPMENT AND EVALUATION OF LOW COST DYE SENSITIZED SOLAR CELLS FOR ENERGY CONVERSION APPLICATIONS"

Year: NOVEMBER, 2016

## ఫ్యాకల్టీ ఆఫ్ సైన్సెస్

శ్రీ రాజారెడ్డి కాలవపల్లి మరియు శ్రీమతి సుశీలమ్మ కాలవపల్లి గారి

కుమారుడు/కుమార్తె శ్రీ/శ్రీమతి/కుమారి సుస్మిత కాలవపల్లి సమర్పించిన

"DEVELOPMENT AND EVALUATION OF LOW COST DYE SENSITIZED SOLAR CELLS FOR ENERGY CONVERSION APPLICATIONS" సిద్ధాంత గ్రంథమును పరీక్షించి నిర్ధారణ

చేసిన నిర్ణయాల సూచనల మేరకు ఫిజిక్స్, కాఖలో అతనికీ/ఆమెకు

డాక్టర్ ఆఫ్ ఫిలాసఫీ

పట్టా ప్రదానం చేయడానికి అర్హత పొందినట్లు ధృవీకరించడమైనది.

Given under the seal of the University

విశ్వవిద్యాలయ అధికార ముద్రతో తారీ చేయడమైనది.



Vice-Chancellor

ఉపకులపతి

*Sri Padmavati Mahila Visvavidyalayam*  
(WOMEN'S UNIVERSITY)

SL. No. D.00579

H.T. No.

*Faculty of Arts*

*The Executive Council of  
Sri Padmavati Mahila Visvavidyalayam  
hereby makes known that*

*G Nagamani*

*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 : BUSINESS MANAGEMENT

SUBJECT OF THE : "IMPACT OF ORGANIZATIONAL CULTURE  
ON KNOWLEDGE SHARING AMONG  
EMPLOYEES - A COMPARATIVE STUDY OF  
PRIVATE AND PUBLIC EDUCATIONAL  
INSTITUTIONS"

Year: APRIL, 2015

*Given under the seal of the University*



*Principal*

Date 23.03.2017

*V. Dwega*  
Vice-Chancellor

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS703054



H.T No.: 0803PH1328

*Ms. Nallam Suhasini*  
*D/o. N Subbarayudu*

having fulfilled the academic requirements in *October, 2015*  
has this day been admitted by the Executive Council to the Degree of

*Doctor Of Philosophy*  
*Management Science*

Topic : "Retention Management of Employees in Information Technology Industry".

Given under the Seal of the University

Date: 21-04-2017



*CSE*

*Madiah p*

*Aleena G*



461081466051

PC No  
315000046



112443

Reg. No. : 14006

# Yogi Vemana University



## యోగి వేమన విశ్వవిద్యాలయం

### Faculty of Sciences

This is to certify that Mr./Mrs./Miss. **Nagam Sulochana** son/daughter of **Sri N Buggi Erukala Reddy & Smt N Chennamma** has been admitted to the Degree of

**Doctor of Philosophy**

based on the adjudication reports of the duly appointed examiners prescribed there for as here under:

Department: Applied Mathematics

Title of the Thesis: **Structure of certain classes of semirings**

Year: August, 2014

### ప్యాకల్టీ ఆఫ్ సైన్సెస్

శ్రీ యస్ బుజ్జి ఎరుకలరెడ్డి మరియు శ్రీమతి యస్ చెన్నమ్మ గారి కుమారుడు/కుమార్తె శ్రీ/శ్రీమతి/కుమారి **నాగం సులోచన** సమర్పించిన **Structure of**

**certain classes of semirings** సిద్ధాంత గ్రంథమును పరీక్షించి నిర్ధారణ చేసిన నిర్ణేతల

సూచనల మేరకు **అప్లైడ్ మాథమాటిక్స్**, శాఖలో అతనికి/ఆమెకు

### డాక్టర్ ఆఫ్ ఫిలాసఫి

పట్టా ప్రదానం చేయడానికి అర్హత పొందినట్లు ధృవీకరించడమైనది.

*Given under the seal of the University*

విశ్వవిద్యాలయ అధికార ముద్రతో జారీ చేయడమైనది.



కడప / Kadapa - 516 003

Andhra Pradesh, India.

Date : 28-06-2016

**Vice-Chancellor**

ఉపకులపతి

Sl. No. 003524

PT



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ సైన్స్  
Faculty of Science

కె వెంకట రమణ

కె వెంకట సుబ్బారాయుడు గారి కుమారుడు కు  
ఈ విశ్వవిద్యాలయం నుండి క్రింద సూచించిన విధంగా అతను పట్టాకు  
నిర్దేశించిన పరీక్షలో ఉత్తీర్ణత వొందినందుకు

డాక్టర్ ఆఫ్ ఫిలాసఫి

పట్టా ప్రదానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

*This is to certify that*

*K Venkata Ramana*

*Son of K Venkata Subbarayudu  
has been admitted to the Degree of*

**Doctor of Philosophy**

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

DEPARTMENT OF STUDY : CHEMISTRY

SUBJECT OF THE THESIS : "Synthesis, Spectral Characterization and  
Bio-Activity Evaluation of Organophosphorus  
Compounds"

YEAR : 2013

విశ్వవిద్యాలయ అధికార ముద్రతో జారీ చేయడమైంది.

*Given under the Seal of the University*

తిరుపతి / Tirupati

తేదీ / Date : 16 APR 2013



*V. Raju*  
ఉపకులపతి  
Vice - Chancellor

Sl. No. 00701



# Sri Krishnadevaraya University



## Faculty of Science

Reg. No. -----

Sri Krishnadevaraya University hereby confers the Degree of

### Doctor of Philosophy

on Indi Reddy Sreevani

Son / Daughter of J. Harinathreddy

in recognition for his/ her research work on

*" Spectrophotometric Investigations on Metal ions in Aqueous Solutions "*

in the Department of Chemistry

he / she having been found duly qualified for the same in 29-06-2011

29<sup>th</sup> June 2011

Given under the seal of the University



S.V. PURAM  
ANANTAPUR - 515003,  
ANDHRA PRADESH, INDIA

Dated : 12 NOV 2011



Vice-Chancellor

Sl. No. 00160



# Sri Krishnadevaraya University



## Faculty of Management

Reg. No.

Sri Krishnadevaraya University hereby confers the Degree of  
*Doctor of Philosophy*

on A. J. Hanumanth Reddy

Son / Daughter of A. V. Konda Reddy

in recognition for his/her research work on  
CONSUMER BEHAVIOUR TOWARDS RETAIL OUTLETS AND PRIVATE LABELS

in the Department of MANAGEMENT

he / she having been found duly qualified for the same in 07.06.2010

07th June 2010

Given under the seal of the University



ANANTAPUR - 915 003  
Andhra Pradesh, India

Dated: 30-07-2012

*[Signature]*

Sl. No: 000879

PT

1



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

పాకల్టీ ఆఫ్ సైన్స్  
Faculty of Science

బి రామ భూపాల్ రెడ్డి

బి పి వెంగల రెడ్డి గారి కుమారుడు కు  
ఈ విశ్వవిద్యాలయం నుండి క్రింద సూచించిన విదంగా అతను పట్టాకు  
నిర్దేశించిన పరీక్షలో ఉత్తీర్ణత వొందినందుకు

డాక్టర్ ఆఫ్ ఫిలాసఫి

పట్టా ప్రదానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

*This is to certify that*

*B Rama Bhupal Reddy*

*Son of B P Vengala Reddy*

*has been admitted to the Degree of*

**Doctor of Philosophy**

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

DEPARTMENT OF STUDY : MATHEMATICS

SUBJECT OF THE THESIS : "Heat Transfer in Fluid Flow Problems"

YEAR : 2008

విశ్వవిద్యాలయ అధికారమునా జారీ చేయడమైంది.  
*Given under the authority of Sri Venkateswara University*



తిరుపతి / Tirupati

తేదీ / Date : 12<sup>th</sup> March 2010



ఉపకులపతి  
Vice - Chancellor

Sl. No. 00104



# Sri Krishnadevaraya University



Faculty of Arts

Reg. No. -----

Sri Krishnadevaraya University hereby confers the Degree of

*Doctor of Philosophy*

on *M. Sugunatha Reddy*

Son / Daughter of *M. Sunki Reddy*

in recognition for his/ her research work on

**PERFORMANCE OF COTTON SPINNING MILLS - AN ECONOMIC ANALYSIS OF SELECTED UNITS IN ANDHRA PRADESH**

in the Department of *Economics*

he / she having been found duly qualified for the same in *18-12-2006*

*18<sup>th</sup> December 2006*

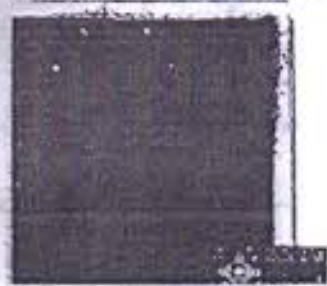
Given under the seal of the University



S.V. PURAM  
ANANTAPUR - 515003,  
ANDHRA PRADESH, INDIA

Dated : *2 JUN 2007*

Vice-Chancellor



Faculty of Management

This is to certify that

Sri Krishnadevaraya University



Faculty of Management

Sri Krishnadevaraya University hereby confers the degree of

Doctor of Philosophy

on G. Krishna Mohan

son/daughter of G. Preeramu

in recognition of his/her research work on Marketing practices of Corporate Hospitals in Andhra Pradesh

in the Department of Management

he/she having been found duly qualified for the same in 22-03-2000

(Twenty Second March (Two thousand four))

(Given under the seal of the University.)



Faculty of Science X

The Board of Management of Sri Venkateswara University

hereby makes known that

G. Madhusudhana Reddy X

has been certified by duly appointed examiners to be qualified to receive the Degree of Doctor of Philosophy X

and has been admitted to that Degree

DEPARTMENT OF STUDY: Statistics X  
SUBJECT OF THE THESIS: "Some contributions to Stochastic models (Optimal reliability systems subjected to CCF's) X

YEAR: 1992 X

Gives under the Seal of the University

For past

18 APR 1993

Vice-Chancellor