

அண்ணாமலைப்

ANNAMALAI



பல்கலைக்கழகம்

UNIVERSITY



பொறியியற்புலம்  
FACULTY OF ENGINEERING & TECHNOLOGY



00063701

செப்டம்பர், 2012 இல்

பிரிவில் நடத்திய தேர்வுகளில்

கட்டமைப்பும் பொறியியல்

பாலமுருகன் இரா

தேர்ச்சியடைந்து ஆய்வேடம் மதிப்பிட முறையாக அமைச்சுப்பேற்ற தேர்வுக்குழுவினர் பரிந்துரை செய்து

ஆய்வியல் அறிஞர்

பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார்

என அண்ணாமலைப் பல்கலைக்கழக ஆளவை இதன்வழி 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

Principal

A.M.REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur Dt.

அண்ணாமலைநகர்  
Annamalainagar

நாள்:

Date: 04/10/2012.

Dr. R. Venkatesh Sundaram

பதிவாளர்

Registrar

Dr. M. Ramanaathan

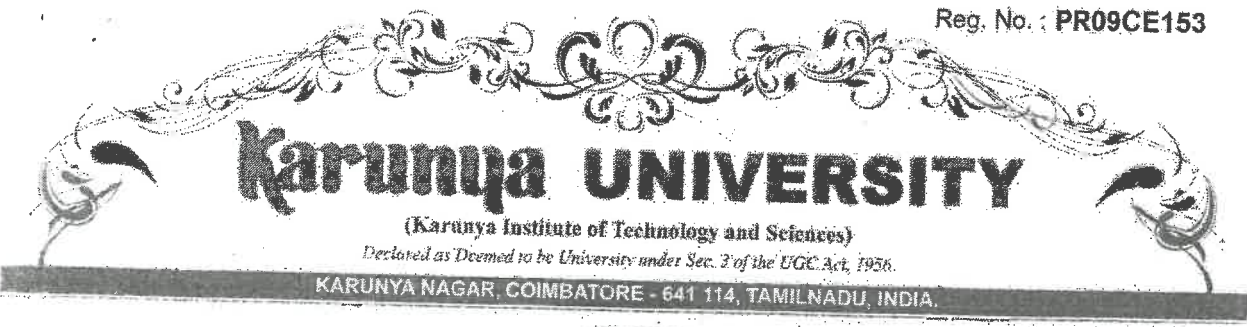
ஆணை வேங்கு

Vice-Chancellor

Principal

A.M.REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur Dt.

Reg. No. : PR09CE153



*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 Shinkaran*  
Chancellor

*James*  
Vice Chancellor

*Devi Narasimhan*  
Registrar

*James*  
Principal

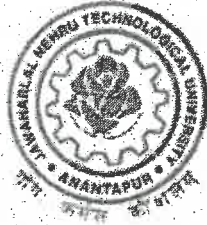
*Devi*  
Principal

A.M. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PAL  
Narasaraopet (T), Coimbatore (D)

A.M. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PAL  
Narasaraopet (T), Coimbatore (D)

201592

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTAPUR - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 0703PH0514

*Nallamaddi R. Maddi Reddy*

*Sho Appi Reddy N*

having fulfilled the academic requirements in June, 2010 has this day been admitted by the Monitoring & Development Committee to the Degree of

*Doctor of Philosophy*  
(Civil Engineering)

for the Thesis entitled,  
"DEVELOPMENT OF GENETIC ALGORITHMS BASED NEURAL NETWORKS MACRO-MECHANICAL MODEL FOR FIBRE REINFORCED HIGH-PERFORMANCE-CONCRETE"

Monday, 16 August, 2010.

Given under the Seal of the University

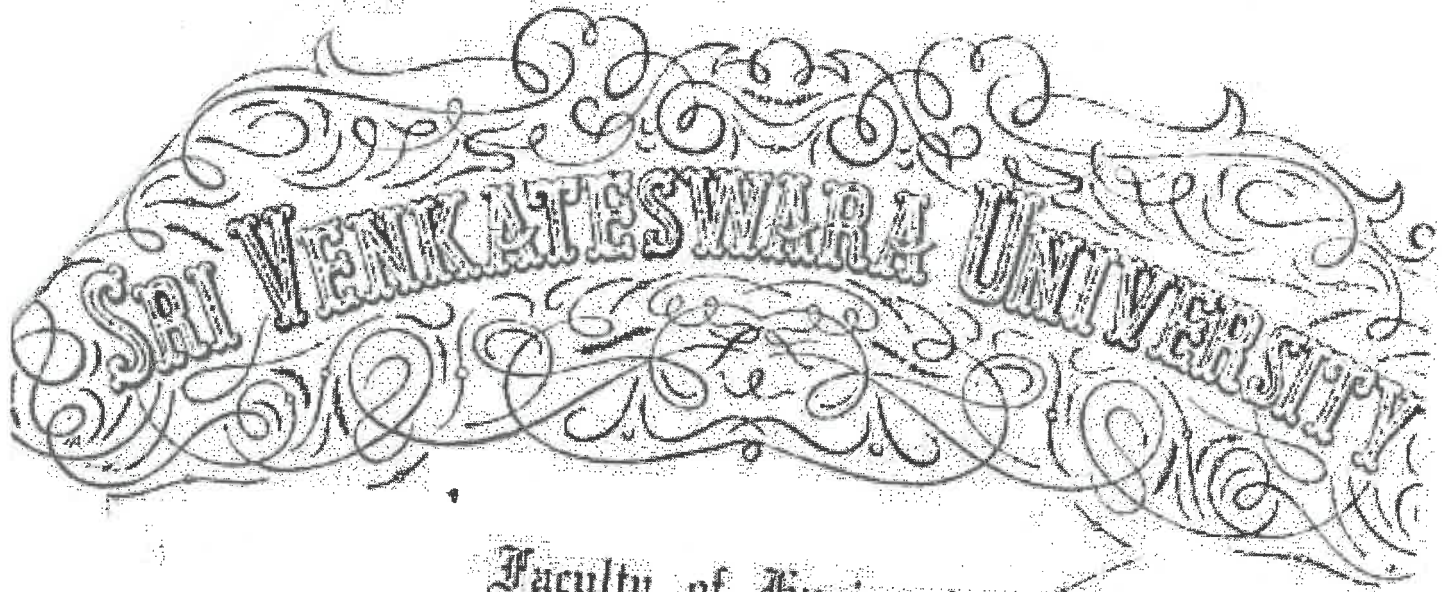
Principal

AM REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur, Or.

Director of Evaluation

Registrar  
AM REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur, Or.

Vice Chancellor



Faculty of Engineering

This is to Certify that

M. Manalichayana

Son/Daughter of M. Ch�zgaiah

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: Civil Engineering

SUBJECT OF THE THESIS: Some Studies on the Use of Sulphur with Fly Ash and Pond Ash in Beach Sand-Asphalt Mixes for Pavements

YEAR: 1998

Principal

Given under the Seal of the University

Principal

A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI PALEM Narasaraopet (Mdl), Gundur

A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY PETLURIVARI PALEM Narasaraopet (Mdl), Gundur



Vellore Institute of Technology  
Vellore, Tamil Nadu, India

VIT

GLNo.: 102906

Register No. 17PHD0011

PROVISIONAL CERTIFICATE



This is to certify that **MANIKANTA D.**

has qualified for the degree of **DOCTOR OF PHILOSOPHY**

he / she having passed the above Degree Examination held in **27-May-2021**

as follows:

School : **School of Civil Engineering**

Thesis Title : **ASSESSMENT OF INDUSTRIAL BYPRODUCTS AS A LINER IN LANDFILL**

DATE : **22-JUN-2021**

VELLORE INSTITUTE OF TECHNOLOGY  
VELLORE - 562 019, TAMIL NADU, INDIA

*M M*

CONTROLLER OF EXAMINATIONS

*[Signature]*  
Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur Dt

*[Signature]*

Principal  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur Dt

No. 199081



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING AND TECHNOLOGY



ஜூலை, 2016 இல் குடிமுறை பணிப் பொறியியல்  
பிரிவில் நடத்திய தேர்வுகளில் ஹரிஜ் கே

தீர்மானிக்கப்பட்டு ஆய்வேட்டை மதிப்பீடு 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.

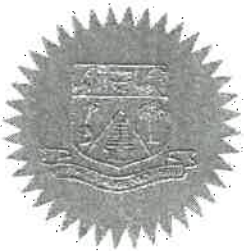
பல்கலைக்கழக முத்திரை பெறுகின்றது  
Given under the seal of the University

  
Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Midi), Guntur, C

  
Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Midi), Guntur, C




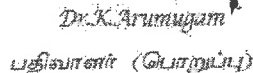
அண்ணாமலைநகர்

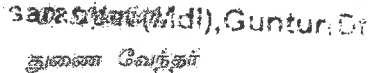
Annamalainagar

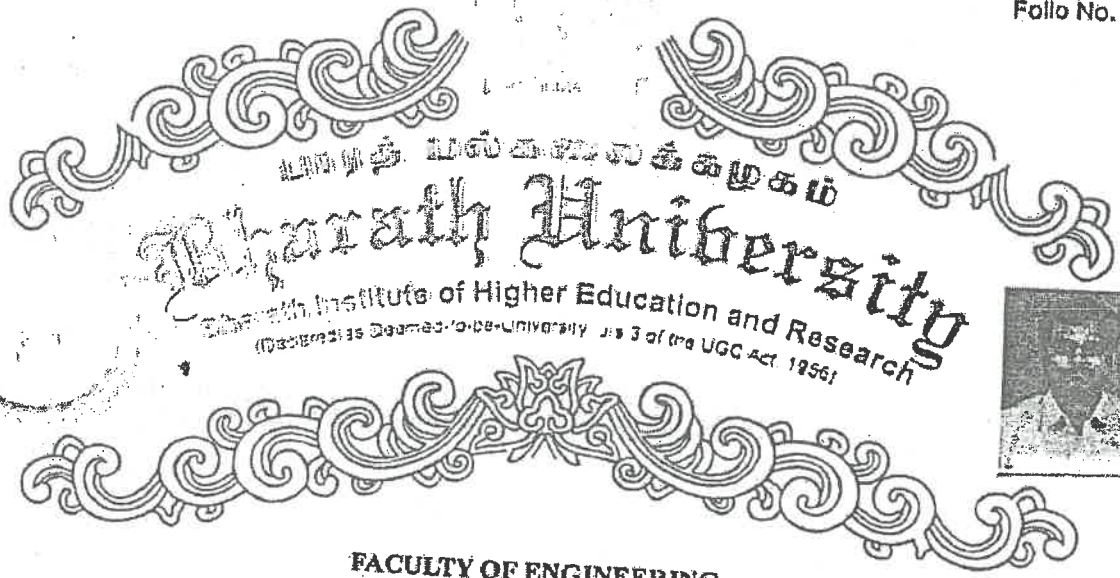
நாள்:

Date: 30/01/2017

  
துணை தேர்வாளையர் (கல்விசார்ந்த)  
Dr. Controller of Examinations (Academia)

  
பதிவாளர் (பொறுப்பு)  
Registrar (i/c)

  
துணை வேந்தர்  
Vice-Chancellor

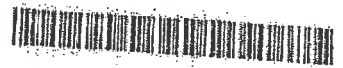


FACULTY OF ENGINEERING

The Board of Management of the Bharath University hereby makes known that **S SENTHILKUMAR** born on **04-Feb-1979** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **ELECTRICAL ENGINEERING**, 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 **SEPTEMBER 2016** with Registration Number **D08EE004**.

**Thesis Title :**

Design and Implementation of PV Inverter based on Novel Soft Switching Current-Fed half -Bridge Front end Converter



Given under the Seal of the University.

*[Signature]*  
Principal

**AM REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**  
**PETLURIVARI PALEM**  
Narasaraopeta (Hd), Guntur, Dist.

DATE **05 NOV 2016**  
173, Agaram Road,  
Chennai-600 073  
Tamil Nadu

*[Signature]*  
**AM REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**  
**EXAMINATIONS PETLURIVARI PALEM**  
**Dr. M. PREMJEYAKUMAR**  
B.Sc., B.Tech., M.E., Ph.D.,  
Narasaraopeta (M.M.P.S. Unit), Guntur, Dist.

*[Signature]*  
**VICE-CHANCELLOR**  
**Dr. V. KANAGASABAI,**  
M.D., MBA (Hosp. Admn.),



**FACULTY OF ENGINEERING**

The board of management of the Bharath University here by makes known that RAJSELVAN C born on 22-JULY-1975 has been admitted to the DOCTOR OF PHILOSOPHY in ELECTRICAL AND ELECTRONICS, 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 JUNE 2015 with Registration Number D11EE004.

Thesis title:

A Novel Zone Division Approach for Power System Fault Detection Using ANN-Based Pattern Recognition Technique

*[Signature]*  
Principal

A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY  
 PETLURIVARI PALEM  
 Narasaraopet (Midi), Guntur (Dist)

Given under the Seal of the University



*[Signature]*  
Principal

A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY  
 PETLURIVARI PALEM

Head CONTROLLER OF EXAMINATIONS

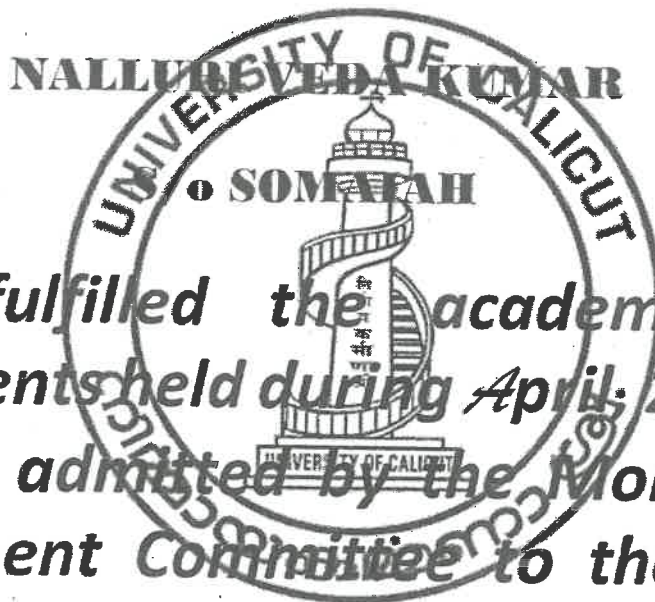
*[Signature]*  
REGISTRAR

*[Signature]*  
VICE-CHANCELLOR





## FACULTY OF ENGINEERING



**Having fulfilled the academic research requirements held during April, 2018 has this day been admitted by the Monitoring and Development Committee to the Degree of Doctor of Philosophy**

(ELECTRICAL AND ELECTRONICS ENGINEERING)

*Given under the seal of University*

UNIVERSITY OF CALICUT

Pin-673635

Date: 06-05-2018



*M. Zuber*  
VICE CHANCELLOR

*[Signature]*  
Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur (Dt.)

*[Signature]*  
Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur (Dt.)



# PONDICHERRY UNIVERSITY

KALAPET, PONDICHERRY - 605 014

## PROVISIONAL CERTIFICATE



REGISTER NO.	FOLIO NO.
18622/13	277017

This is to certify that CH MALLIKARJUNA

has been conferred Ph. D. degree in MECHANICAL ENGINEERING on

the topic "EXPERIMENTAL STUDY AND OPTIMIZATION OF PROCESS

PARAMETERS ON WIRE ELECTRO DISCHARGE MACHINING (EDM)

PROCESS" by the Executive

Council of this University in its meeting held on JUNE, 2017

The degree will be awarded at the ensuing convocation of this University.

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

*[Signature]*  
Registrar

PONDICHERRY UNIVERSITY  
KALAPET, PONDICHERRY  
Registrar

DATE: 21-06-2017



*[Signature]*

Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Mansara (Mad), Guntur, Dr.

*[Signature]*

Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
LURIVARI PALEM  
Mansara (Mad), Guntur, Dr.

# 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

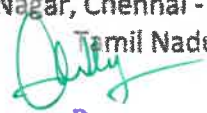
  
Vice-Chancellor



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

Date : Dec 22, 2015

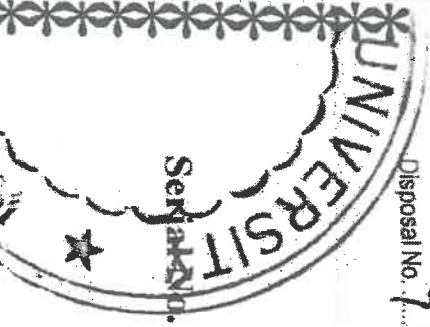
  
Principal  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur, Dt

  
Principal  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur, Dt

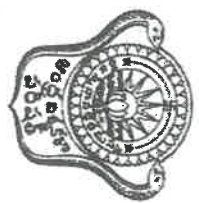
Disposal No. T(2)/8892/2019 Date 18/12/2020

12/G/18-06-2016/30 Bks. each 100 Pages

ANDHRA UNIVERSITY



Sevak No. 1538



PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smr. / Kum. KANDUNURI L.N. MURTHY

has qualified himself/herself for the Award of Doctor of Philosophy Degree by

Research for the Thesis submitted by him / her entitled "STUDIES ON REMOVAL

OF CHROMIUM AND LEAD USING ALTERNANTHERA

PUNGES AND GELIDIELLA ACEROSA POWDERS;

OPTIMIZATION USING RESPONSE SURFACE

METHODOLOGY (RSM)"

and that he / she has done all that is necessary for the formal presentation for the Degree of

Doctor of Philosophy in CHEMICAL ENGINEERING

in the year 2020...

VISAKHAPATNAM

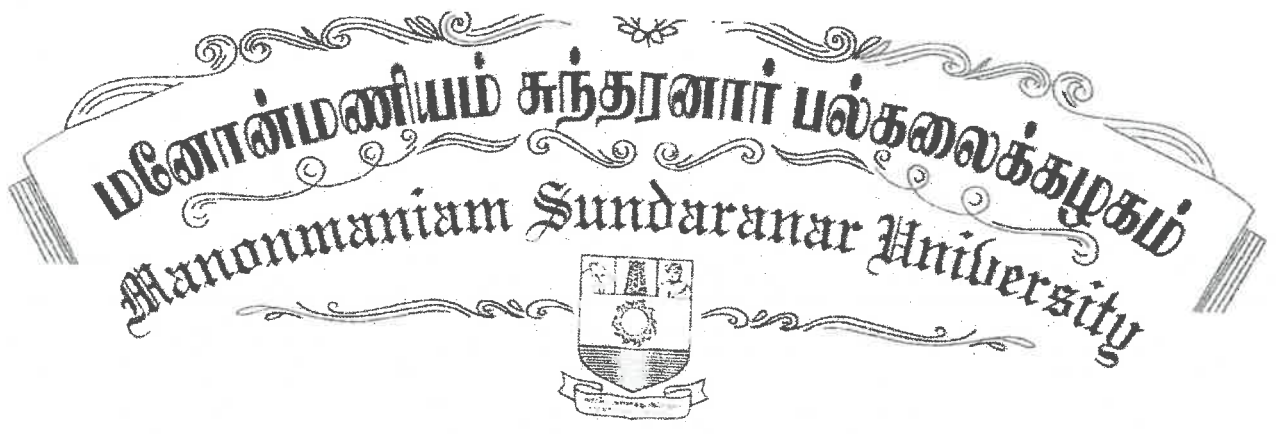
Di. 31/12/2020

H. Howard Dik  
DEPUTY REGISTRAR (ACADEMIC)

Initials of the Prepared: MS  
Clerk who Examined: [Signature]

Principal  
A.M. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur, Dt.

Principal  
A.M. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur, Dt.



பொறியியற் புலம்  
FACULTY OF ENGINEERING

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு  
கஜேந்திர குமார் வ

பயன்பாட்டு மின்னணுவியல் - கணினி அறிவியல் மற்றும் பொறியியல் (இணைவு) பாடப்பிரிவில்

அந்நூர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற

தேர்வினோர் சான்றளித்தவாறு பிப்ரவரி 2013

ஆம் ஆண்டில்

இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

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

Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopeta (Joddi), Guntur, Dr.

Given under the seal of the University.



Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopeta (Joddi), Guntur, Dr.

திருநெல்வேலி, இந்தியா  
Tirunelveli, India

(Dr. J. Tamizh chelvam)

பத்மசூரியன்

(Dr. A. K. Kumaraguru)

தஞ்சை வேந்தர்



அண்ணாமலைப் பல்கலைக்கழகம்  
ANNAMALAI UNIVERSITY

Reg. No. : 005X02T13174



பொறியியற்புலம்

FACULTY OF ENGINEERING & TECHNOLOGY

ஜூலை 2016 இல் மின்னணு மற்றும் தொடர்பியல் பிரிவில் நடத்திய தேர்வுகளில் வசந்த ஸ்வாமிநாதன். ச தேர்ச்சியடைந்து 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 VASANTHA SWAMINATHAN S has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ELECTRONICS AND COMMUNICATION ENGINEERING he/she having been certified by duly appointed examiners Who Valued his/her thesis to be qualified to receive the same in JULY 2016 .

TITLE OF THE THESIS

NET FPGA IMPLEMENTATION OF ULTRA-LOW LATENCY TCP/IP FOR FINANCIAL TRADING SYSTEMS

Given under the seal of the University



  
Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mcd), Guntur Dt.

  
Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM

Deputy Controller of Examinations (Academic)  
Narasaraopet (Mcd), Guntur Dt.

துணை தேர்வாணையர் (கல்வி  
சார்ந்த)

பதிவாளர்

  
Vice-Chancellor

துணைவேந்தர்

Annamalai Nagar - 608002  
Dated :- 06/03/2017

# 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*



*[Signature]*  
Principal

**A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur (Dr .**

*[Signature]*  
Chancellor

Principal

**A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur (Dr .**

*[Signature]*  
Registrar



**FACULTY OF ENGINEERING**

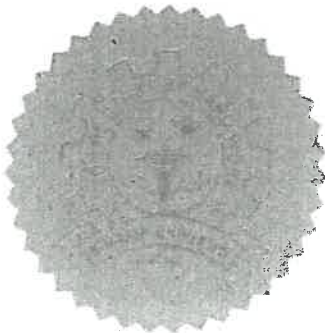
The Board of Management of the Bharath University hereby makes known that **R SIVAKUMAR** born on **23-Jul-1978** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **ELECTRONICS AND COMMUNICATION**, he/she having satisfactorily completed the prescribed programme of study and having been 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.**

*(Signature)*  
Principal

**A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur (Dr)**



Given under the Seal of the University.

*(Signature)*  
Principal  
**A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur (Dr)**

*(Signature)*

DATE **18 DEC 2011**  
173, Agaram Road,  
Chennai-600 075  
Tamil Nadu



# Shri Jagdishprasad Jhabarmal Tibrewala University, Jhunjhunu श्री जगदीशप्रसाद झाबरमल टिबड़ेवाला विश्वविद्यालय, झुंझुनूं



## डॉक्टर ऑफ़ फिलॉसफी

प्रमाणित किया जाता है कि **Boorugu Chandrashekar** को इस विश्वविद्यालय के **Science** संकाय के अन्तर्गत डॉक्टर ऑफ़ फिलॉसफी की उपाधि से वर्ष **2019** में विमूषित किया गया।

इनके शोध प्रबन्ध का विषय निम्नलिखित था :-

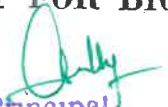
**CLOUD INFRASTRUCTURE RESOURCE ALLOCATION AND SECURITY FOR BIG DATA APPLICATIONS USING ENHANCED BAT ALGORITHM**

## DOCTOR OF PHILOSOPHY

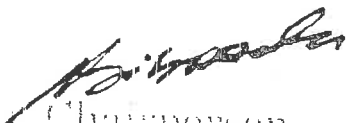
*This is to certify that **Boorugu Chandrashekar** has been awarded the degree of Doctor of Philosophy in the faculty of **Science** of this university in the year **2019**.*

The title of his/ her thesis was:-

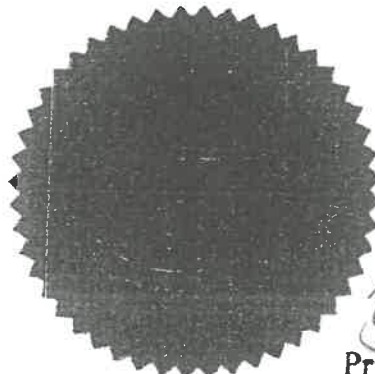
**CLOUD INFRASTRUCTURE RESOURCE ALLOCATION AND SECURITY FOR BIG DATA APPLICATIONS USING ENHANCED BAT ALGORITHM**

  
Principal

**A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Md), Guntur(Dr.)**

  
Chairperson


चेयरपर्सन



  
Principal

**A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM**

February **Narasaraopet (Md), Guntur(Dr.)**

  
President  
प्रेसीडेंट

Enrollment No. 12SRU/S1120

Registration No. SRU/Ph.D/June/2012/0105



# समराईज विश्वविद्यालय, अलवर SunRise University, Alwar

Tehsil Ramgarh, District - Alwar (Rajasthan), INDIA

**विद्या वाचस्पति**

(संकाय **Engineering : Computer Science & Engineering**)

समराईज विश्वविद्यालय की एकेडेमिक काउंसिल द्वारा यह पत्राणित किया जात है कि श्री/सुश्री/श्रीमती **K.N. Venkata Ratna Kumar** ने समराईज विश्वविद्यालय से शोध पत्रबन्ध अनुमोदन उपरान्त **विद्या वाचस्पति** की उपाधि प्राप्त की।

**शोध पत्रबन्ध का विषय**

**"Impact of E-Commerce on Business Ethics"**

**Doctor of Philosophy**

(Faculty of **Engineering : Computer Science & Engineering**)

This is to certify by the Academic Council of SunRise University that

Mr./Ms./Smt. **K.N. Venkata Ratna Kumar**

obtained the Degree of **Doctor of Philosophy** after approval of the thesis:

**Title of Thesis**

**"Impact of E-Commerce on Business Ethics"**

Awarded under the seal & Signature of the SunRise University on year 2015



*R. Parikh*  
Registrar

*A.M. Reddy*  
Principal

**A.M. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETTURIVARI PALEM  
Narasaraopet (Tad), Guntur, Dr.**

Principal

**A.M. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETTURIVARI PALEM  
Narasaraopet (Tad), Guntur, Dr.**

*K.N.V. Ratna Kumar*

Redg No. Y02CSR014



PHD/0591/A07

# ACHARYA NAGARJUNA UNIVERSITY అచార్య నాగార్జున విశ్వవిద్యాలయము



## FACULTY OF ENGINEERING

ఫాకల్టీ ఆఫ్ ఇంజనీరింగ్

This is to certify that

భద్రాకరణ

Mr/Ms Gandhavalla Sambasiva Rao

శ్రీ/శ్రీమతి/మహారి

Son/Daughter of G Koteswara Rao

పుమారుడు/కుమార్తె

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

భ్యాసుల్ ఆఫ్ ఫిల్సాఫీకి పట్టాప్రదానానికి అర్హులైనందున

of this University he/she having been declared to have passed the examination prescribed therefor as follows :

ఈ విశ్వవిద్యాలయం నుంచి కింది మార్చిందిన విధంగా అందు/ఆమె పట్టాను పొందిన విషయంలో ఉత్తీర్ణత పొందినట్లు ప్రకటించబడింది:

Subjects అభ్యసించిన అంశాలు	Month & Year of Passing ఉత్తీర్ణత పొందిన నెల, సంవత్సరం	Class Awarded పొందిన గ్రేడ్
Computer Science Engineering	April-2007	Qualified

Principal

Given under the Seal of the University  
విశ్వవిద్యాలయ అధికార ముద్రలో జారీచేయబడినది.  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur, Dt

Nagarjuna Nagar, Andhra Pradesh, India  
నాగార్జున నగరం, ఆంధ్రప్రదేశ్, భారతదేశము.

Controller of Examinations  
పరీక్షల నిర్వహణాధికారి

Date 21/08/2007

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur, Dt

Registration No. 1130/06

Serial No. SUCS120

# Singhania University



Faculty of Engineering

This is to certify that Moulati Sk  
son / -daughter of Ibrahim Shaik  
having pursued a course of study prescribed by this University  
and having passed the requirements by Examination and by thesis  
has been admitted to the Degree of

**Doctor of Philosophy**

in the Subject of Computer Science & Engineering

The title of the thesis is An Effective Management  
of Big Data from a Vision of Data Mining

the candidate has been declared, qualified for the award of the  
Degree of Ph. D. on 2010

*[Signature]*

Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (MdI), Guntur(Dt)

*[Signature]*  
Principal

Pacheri Bari, Singhania (MdI)  
Date 27 MAR 2010  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (MdI), Guntur(Dt)

*[Signature]*  
Wice-Chancellor

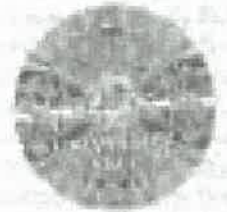
Enrollment No. 13001/51994



Registration No. 201/79.A/Sec/2013/1994

# सनराईज विश्वविद्यालय, अलवर SunRise University, Alwar

Tehsil Rangarh, District - Alwar (Rajasthan), INDIA



**विद्या - वाचस्पति**

(Faculty of Engineering, Computer Science & Information Technology)

सनराईज विश्वविद्यालय की एकेडेमिक काउंसिल द्वारा यह प्रमाणित किया जाता है कि  
श्री/श्री/श्रीमती **Yeetha Ravi Kumar**

सनराईज विश्वविद्यालय से शोध प्रबन्ध अनुमोदित अथवा विद्या वाचस्पति की उपाधि प्राप्त की।  
**शोध प्रबन्ध का शीर्षक**

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

**Doctor of Philosophy**

(Faculty of Engineering, Computer Science & Information Technology)

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

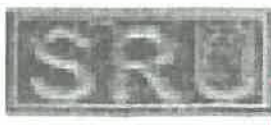
obtained the Degree of **Doctor of Philosophy** after approval of the thesis.  
**Title of Thesis**

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

Awarded under the seal & signature of the SunRise University on year 2016

कुल सचिव  
Registrar

Principal



कुलपति  
Vice-Chancellor

**A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Midl), Guntur Dt**

**A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Midl), Guntur Dt**



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்  
Manonmaniam Sundaranar University



பொறியியற் புலம்  
FACULTY OF ENGINEERING



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு

நவாஸ் க

கணினி அறிவியல் மற்றும் பொறியியல் பாடப்பிரிவில்

அறிஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற  
தேர்வினோர் சான்றளித்தவாறு மார்ச் 2018 ஆம்

ஆண்டில் இப் பட்டப்பெற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY  
hereby makes known that **NAVAZ 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 to  
be qualified to receive the same in the year **MARCH 2018**

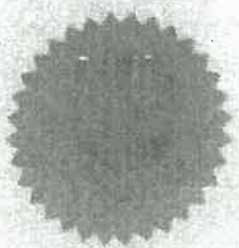
Given under the seal of the University.

Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETTURIVARI PALEM  
Sarasampet (Mid), Guntur Dt

Principal  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETTURIVARI PALEM  
Sarasampet (Mid), Guntur Dt  
Registrar

(Dr.K.Baker)  
Vice-Chancellor



மனோன்மணியம் சுந்தரனார்  
Tirunelveli, India  
Date: 31.07.2018

அண்ணாமலைப்



பல்கலைக்கழகம்

ANNAMALAI

UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING & TECHNOLOGY

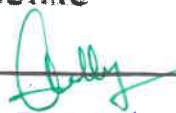
மார்ச் 2017 இல் கணினி அறிவியல் பொறியியல் பிரிவில் நடத்திய தேர்வுகளில் வெங்கடரமணா.கி தேர்ச்சிபடத்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி ஆய்வியல் அறிஞர் பட்டம் பெறுதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக்குழு இதன்வழி அறிவிக்கின்றது

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.

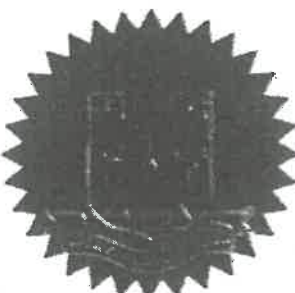
TITLE OF THE THESIS

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


  
Principal

AM REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopeta (Midi), Guntur District



  
Principal

AM REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopeta (Midi), Guntur District

  
Dr. S. Narayan  
Registrar

Annamalai Nagar - 608002  
Dated :- 22/12/2017

Dy. Controller of Examinations (Academic)

Registrar

Vice-Chancellor



பொறியியற் புலம்  
FACULTY OF ENGINEERING

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு  
கல்யான் சக்ரவர்த்தி அ  
கணினி இயல் மற்றும் பொறியியல் பாடப் பிரிவில்

அறிஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற  
தேர்வினோர் சான்றளித்தவாறு ஜூலை 2021 ஆம் ஆண்டில்  
இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது

The Syndicate of the **MANONMANIAM SUNDARANAR UNIVERSITY**  
hereby makes known that **KALYAN CHAKRAVARTHI A**  
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 2021**



*[Signature]*  
Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur, Dr

Given under the seal of the University.

திருநெல்வேலி, இந்தியா  
Tirunelveli, India

நாள், Dated . 22-12-2021

*[Signature]*  
(Dr.S.Prabakar)  
தேர்வாளையர்

Controller of Examinations

*[Signature]*  
(Dr.P.Govindaraju)

பதிவாளர்

Registrar

*[Signature]*

(Dr.A.K.Kumaraguru)

துணை வேந்தர்

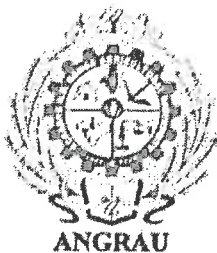
Vice-Chancellor



Acharya N.G. Ranga Agricultural University  
(FORMERLY ANDHRA PRADESH AGRICULTURAL UNIVERSITY)  
Estd. 1964

S. No. D00132

I. D. No. BEP/2013-01



Faculty of Agricultural Engineering & Technology

This is to certify that *Ananda Babu Dara*  
son / daughter of Smt. *Padma*  
and Sri *Pedamatyadri*  
having completed the graduation requirements for the Degree of  
**Doctor of Philosophy**  
in the major field of *Farm Machinery & Power Engineering*  
of this University during *June, 2018* is hereby admitted to  
the said Degree at the *Fifty Second* Convocation.

Given under the Seal of the University

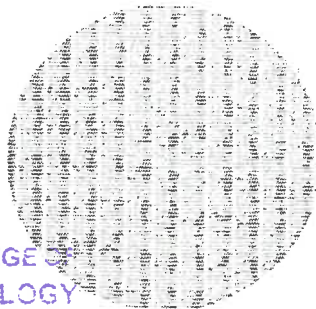
Lam, GUNTUR, A.P. India  
(Formerly at Rajendranagar,  
Hyderabad)

Date : 8 JUN 2022

Principal

A.M REDDY MEMORIAL COLLEGE  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALE

*Phanendra*  
Dean - P. G. Studies



Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALE  
Vice-Chancellor

Registrar

Sl. No. 003445  
PT



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ సైన్స్  
Faculty of Science

భాస్కర రెడ్డి గునుపాటి  
తిరిపాల రెడ్డి 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*

*Bhaskara Reddy Gunupati*

*Son of Thiripala Reddy  
has been admitted to the Degree of*

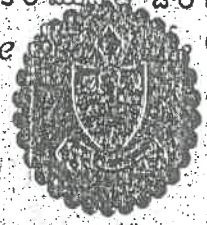
**Doctor of Philosophy**

*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 : "Some Hydrodynamic and Hydromagnetic  
Flows between Porous or Non-Porous Disks"  
YEAR : 2013

Principal  
A.M.REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur (Dr)

విశ్వవిద్యాలయ అధికారి ముద్రతో జారీ చేయడమైంది.  
Given under the



Principal  
A.M.REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur (Dr)

తిరుపతి / Tirupati  
తేదీ / Date : 20 FEB 2013



ఉపకులపతి  
Vice - Chancellor



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

2010 ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி  
வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க  
தேர்வாளர்களால் சான்றளிக்கப்பட்டு அருண் பாலாஜி ரா  
என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை  
அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2011 ஆம் ஆண்டு  
மார்ச் திங்கள் 5 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the University of Madras hereby makes known that*  
**ARUNBALAJI R** *has been conferred the*

**DEGREE OF DOCTOR OF PHILOSOPHY**

*he/she having been certified by duly appointed examiners to be qualified to*  
*receive the same in the year 2010*

*Given under the seal of the University of Madras, at Chennai this*  
*5<sup>th</sup> day of March 2011*

*Title of the Thesis :*

ஆய்வுத்தலைப்பு

"Molecular Conformational Studies on Some  
Anticonvulsant Drugs" (Physics)

Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur(Dr)

Principal

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur(Dr)

வேந்தர்  
Vice-Chancellor

பதிவாளர்  
Registrar



विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान  
नागपुर (भारत)

नल्लन चक्रवर्थुला रामगोपाल

को एतद् द्वारा अभिषद की अनुशंसा पर आज गुरुवार दि. 15 सितंबर 2016 को

संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को अप्रैल 2016 में पूर्ण किया एवं  
अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया।

**VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY  
NAGPUR (INDIA)**

upon recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

on

**Nallan Chakravarthula Ram Gopal**

who has fulfilled the requirements as prescribed under the regulations and has successfully defended the thesis in April 2016 titled

*[Signature]*  
Principal

A. V. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETTURIVARI PALEM,  
Narasaraopet (Mdl), Guntur, Dt.

**"Some Unidirectional Steady Flows of Two Immiscible Fluids  
through a Circular Pipe"**

Given this day, Thursday 15 September 2016

Given under the Seal of the Institute.



*[Signature]*  
REGISTRAR

*[Signature]*  
CHAIRMAN, SENATE

*[Signature]*  
Principal  
A. V. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETTURIVARI PALEM,  
Narasaraopet (Mdl), Guntur, Dt.  
CHAIRMAN, BOARD OF GOVERNORS



Code No. 00020 3.96. 68960

# பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

Re-accredited with 'A' Grade by NAAC

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 20 and 12B) of UGC Act;  
Member, Association of Indian Universities and Association of Commonwealth Universities)

அறிவியல் புலம்  
FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு பிப்ரவரி 2018

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

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes  
known that M. SATHIYASEELAN has been admitted  
to the Degree of DOCTOR OF PHILOSOPHY, in the subject  
CHEMISTRY, having been certified by duly  
appointed Examiners to be qualified to receive the same in  
FEBRUARY 2018.

Thesis Title

"SYNTHESIS OF INDOLOQUINOLINE AND ACRIDINE ALKALOIDS  
THROUGH ECO-FRIENDLY METHODOLOGIES"

Principal

A.M. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopeta (2nd), Guntur Dist.

Given under the seal of the University.

Principal

A.M. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM

Principal  
A.M. REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopeta (2nd), Guntur Dist.

தமிழ்நாடு  
Tiruchirappalli

நாள்:  
Date:

21st February 2018

ISSUED ON

21-02-2018

L 016493



**FACULTY OF SCIENCE & HUMANITIES**

The Board of Management of the Bharath University hereby makes known that N RAMYA born on 01-Jul-1980 has been admitted to the Degree of DOCTOR OF PHILOSOPHY in MATHEMATICS, 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 MARCH 2014 with Registration Number D09HS004

**Thesis Title :**  
A Study on Coloring, Magic labeling and Prime Labeling of some Graphs.



*[Signature]*  
Principal



*[Signature]*  
Principal

M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur Dt

M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdi), Guntur Dt

DATE 31 JAN 2015  
173, Agaram Road,  
Chennai-600 073  
Tamil Nadu

*[Signature]*  
CONTROLLER OF  
EXAMINATIONS

Dr. M. PREMIEYAKUMAR  
B.Sc., B.Tech, M.E., Ph.D.

*[Signature]*  
REGISTRAR

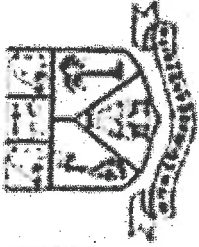
Dr. V. KANAGASABAI,  
M.D., MBA.(Hosp. Admin.),

*[Signature]*  
VICE-CHANCELLOR

Dr. M. PONNAVAIKK  
B.E., M.Sc.(Engg.), Ph.D



# Annamalai



# University

Register No. 1601070039

## PROVISIONAL CERTIFICATE - Ph.D

This is to certify that **RAMESH S**  
 has qualified himself / herself for the award of the Degree of Doctor of Philosophy in  
**ENGLISH**  
 on **22/01/2021** and he/she having been certified by duly appointed examiners and approved  
 by the Syndicate of the University.

### TITLE OF THE THESIS

**"DREAM AND REALITY: A CRITICAL STUDY OF THE SELECT PLAYS OF ARTHUR MILLER"**

**"The award of the Degree is in accordance with the provisions of the UGC Regulations, 2016"**

Annamalainagar - 608 002

Date: **16/02/2021**  
 ANNAMALAI UNIVERSITY  
 REDDY MEMORIAL COLLEGE OF  
 ENGINEERING & TECHNOLOGY  
 PETLURIVARI PALEM



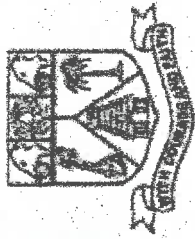
*[Signature]*  
 Principal

*[Signature]*  
 Principal

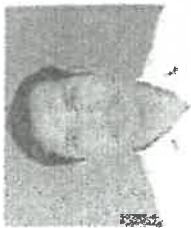
*[Signature]*  
 Controller of Examinations

ANNAMALAI UNIVERSITY  
 REDDY MEMORIAL COLLEGE OF  
 ENGINEERING & TECHNOLOGY  
 PETLURIVARI PALEM  
 Narasaraopet (Mdl), Guntur Dt  
 Narasaraopet (Mdl), Guntur Dt

**Annamalai**



**University**



Register No. **1216060017**

**PROVISIONAL CERTIFICATE - Ph.D**

This is to certify that **ARUNACHALAM A** has qualified himself/herself for the award of the Degree of Doctor of Philosophy in **PHYSICS** on **24/10/2016** and he/she having been certified by duly appointed examiners and approved by the Syndicate of the University.

**TITLE OF THE THESIS:**

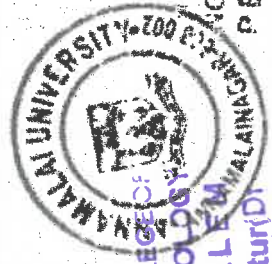
**PREPARATION AND CHARACTERIZATION OF PURE AND DOPED TiO<sub>2</sub> THIN FILMS USING SPRAY PYROLYSIS AND ITS APPLICATIONS IN DYE SENSITIZED SOLAR CELLS AND ANTIBACTERIAL ACTIVITY.**

*[Signature]*  
Principal

Annamalainagar - 608 002

**19/11/2016**

Date:



**J.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM,  
Narasaraopet (Mdl), Guntur(Dt)**

*[Signature]*  
Principal

**J.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM,  
Narasaraopet (Mdl), Guntur(Dt)**

*[Signature]*  
Controller of Examinations





# GOVERNMENT OF ANDHRA PRADESH

## STATE ELIGIBILITY TEST FOR ASSISTANT PROFESSOR / LECTURER

Conducted by

### Andhra University

Visakhapatnam-530003.

Re-Accredited with 'A' Grade by NAAC with 3.60 out of 4 scale

G.O.Ms.No. 47/Higher Education (CE) Department dt.: 02-12-2015.

UGC Letter No. F.7-10/2012 (NET/SET) dt.: 27-06-2019.

(Valid in the State of Andhra Pradesh only)



APSET Ref No.: APSLET/7582/2019

H.T. No.: 030501942

Certified that Nagam Anjineyulu

Son/Daughter of Nagam Basavapunnaiiah (Father) and

Nagam Venkata Ratnam (Mother) has qualified in

Andhra Pradesh State Eligibility Test (APSET-2019) for Assistant Professor / Lecturer held on 20th October, 2019 in the Subject

COMPUTER SCIENCE & APPLICATION under the

Category GENERAL-EWS

The validity of the certificate is forever.

*[Signature]*  
Member Secretary  
APSET

*[Signature]*  
Chairman  
APSET

Date of Issue: 30th December, 2019

*[Signature]*  
Principal  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mail) Guntur Dist.

*[Signature]*  
Principal  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mail) Guntur Dist.

Note: Andhra University, Visakhapatnam issued the certificate on behalf of Government of Andhra Pradesh & UGC, New Delhi on the basis of information provided by the candidate in his/her application form. The appointing authority should also verify original records/certificates of the candidate while considering him/her for appointment.

A candidate must complete UGC specified Master's Degree within Two years from the date of conduct of APSET Examination, if not completed already.