

**Full time teachers with Ph.D / D.M. / M.Ch. / D.N.B Super speciality / D.Sc. / D.Litt.**

**A.Y: 2023-2024**

S.No.	Name of the full Time Teacher with Ph.D	Year of Obtaining
1	Dr.M.Sreenivasa Kumar	Ph.D. 2005
2	Dr. D.Suneel	Ph.D. 2010
3	Dr.S.Venkata Siva	Ph.D. 2017
4	Dr. D. Jagadish	Ph.D. 2012
5	Dr.M.Rama Kotaiah	Ph.D. 2017
6	Dr.P.Suresh babu	Ph.D. 2020
7	Dr.M.Venkanna Babu	Ph.D. 2022
8	Dr.T.Raja Santosh Kumar	Ph.D. 2017
9	Dr.B.Ravi Naik	Ph.D. 2016
10	Dr.M.Naveen Kumar	Ph.D. 2017
11	Dr.S.Jaya Krishna	Ph.D. 2005
12	Dr.P.Naga Sowjanya	Ph.D. 2019
13	Dr. R. SivaSubramanian	Ph.D. 2012
14	Dr. M. Murali Krishna	Ph.D. 1998
15	Dr. A.Ranganathan	Ph.D. 2014
16	Dr.CH.Kannam Naidu	Ph.D. 2016
17	Dr.Y.J.Chandra mouli	Ph.D. 2016
18	Dr. G venkateswarulu	Ph.D. 2017
19	Dr. P.Lakshmanan	Ph.D. 2015
20	Dr.V.Bala Krishna Reddy	Ph.D. 2014
21	Dr.Yerra Srinivasa Rao	Ph.D. 2014
22	Dr. Papani Sharathkumar	Ph.D. 2016
23	Dr.Gyara Mahendar	Ph.D. 2019
24	Dr.K Raghavendra Reddy	Ph.D. 2017
25	Dr. V. Venkata Rao	Ph.D. 2011
26	Dr. K. Srinivasa Ravi	Ph.D. 1990
27	Dr.N.Veda Kumar	Ph.D. 2018
28	Dr.R.Siva kumar	Ph.D. 2011
29	Dr.K.Raju	Ph.D. 2019

30	Dr.J.Brahamaiah Naik	Ph.D. 2020
31	Dr.J.Kaliyappan	Ph.D. 2016
32	Dr.S.Vasantha swaminathan	Ph.D. 2016
33	Dr.G.Ramprabhu	Ph.D. 2015
34	Dr.R.Dinesh Kumar	Ph.D. 2019
35	Dr.S.Sivalingam	Ph.D. 2018
36	Dr.A.V.Nageswara Rao	Ph.D. 2018
37	Dr.Sk.Bajid Vali	Ph.D. 2018
38	Dr.Y.Jaipal Reddy	Ph.D. 2021
39	Dr.Sk.Ibrahim Khalelullah	Ph.D. 2020
40	Dr.B.Sunitha	Ph.D. 2022
41	Dr.K.Srinivasa Rao	Ph.D. 2023
42	Dr.M.D.Javeed Ahamed	Ph.D. 2020
43	Dr.B.Siva Nageswara Rao	Ph.D. 2024
44	Dr. Y. V. Laksiumaiah	Ph.D. 2023
45	Dr.J.V.K. Ratnam	Ph.D. 2020
46	Dr. S.N.Tirumala Rao	Ph.D. 2011
47	Dr.S.V.N. Srinivasu	Ph.D. 2014
48	Dr.K.LakshmiNadh	Ph.D. 2017
49	Dr.S.Siva Nageswara Rao	Ph.D. 2017
50	Dr.M.Sireesha	Ph.D. 2023
51	Dr. K. Suresh Babu	Ph.D. 2023
52	Dr.R.Satheesh Kumar	Ph.D. 2018
53	Dr.A.Mahender	Ph.D. 2019
54	Dr.G.Sivaraman	Ph.D. 2019
55	Dr.S.Venkatesan	Ph.D. 2016
56	Dr. E. Rama Krishna	Ph.D. 2023
57	Dr. B.Jhansi Vazram	Ph.D. 2014
58	Dr.G.Syam Prasad	Ph.D. 2015
59	Dr.G.L.N.Jaya Prada	Ph.D. 2019
60	Dr. V. V. A. S. Lakshmi	Ph.D. 2018
61	Dr.K.P.Lakshmi	Ph.D. 2012
62	Dr.V. Aruna	Ph.D. 2023
63	Dr.Sk.Rafi	Ph.D. 2023
64	Dr. SK.Mohiddin Shaw	Ph.D. 2012
65	Dr. G.Darmaiah	Ph.D. 2014
66	Dr.R.Mohana Ramana	Ph.D. 2019
67	Dr. CH. Maheswari	Ph.D. 2020
68	Dr.N.Ravi Babu	Ph.D. 2021
69	Dr. T.V.S.M. Mohan Babu	Ph.D. 1995
70	Dr. T.Anjaneyulu	Ph.D. 2014
71	Dr. K.Neeraja	Ph.D. 2014
72	Dr. N.Giridhar Babu	Ph.D. 2017
73	Dr. V.Polireddy	Ph.D. 2014
74	Dr.K.Anji Reddy	Ph.D. 1988



PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.



75	Dr.Y.Lakshmana Kumar	Ph.D. 2016
76	Dr.P.N.VVL.Pramila rani	Ph.D. 2015
77	Dr.K.Santha Kumari	Ph.D. 2023
78	Dr.K.Sreenivasulu	Ph.D. 2018
79	Dr. J. Srinivasa Rao	Ph.D. 2013
80	Dr.O.Ananda	Ph.D. 2020
81	Dr.M.Pandu	Ph.D. 2016
82	Dr.M.Aravind	Ph.D. 2008
83	Dr.P.Pattabhiram	Ph.D. 2020
84	Dr.K.Anil Kumar	Ph.D. 2014
85	Dr.Y.Siva Reddy	Ph.D. 2018
86	Dr. Y. Anki Reddy	Ph.D. 2019
87	Dr.K. Nageswara Rao	Ph.D. 2014



  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.



University of the West of England  
Bristol

**Sreenivasa Kumar Mada**


*has been awarded the degree of*

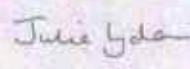
**DOCTOR OF PHILOSOPHY**

*having followed an approved programme of research study in*


**HAND-HELD VISION BASED METROLOGY FOR LOW-COST THREE  
DIMENSIONAL DATA ACQUISITION**

6 May 2005

  
VICE-CHANCELLOR

  
ACADEMIC SECRETARY

  
**IQAC**

  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.

# ANDHRA UNIVERSITY



## FACULTY OF ENGINEERING

*This is to certify that*

Suneel Donthamsetty

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in this University, he having been declared to be  
qualified to receive the same in 2010.*

*Given under the Seal of the University*



VISAKHAPATNAM

13th June, 2011

*[Signature]*  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
AUTONOMOUS  
NARASARAOPETA - 502 601  
Guntur Dist., A.P.  
13.06.11

Vice-Chancellor



Ref.No:ANU/RC/Ph.D/ME/BVSSR/1578/Oct. 2015



**ACHARYA NAGARJUNA UNIVERSITY**  
అచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF ENGINEERING**

*This is to certify that*

Mr./Ms. Venkata Siva Subba Rao Bathula

S/O Satyanarayana

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

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

*receive the same with effect from* 04 April 2017

*in the Department of* **Mechanical Engineering**

*Title of the Thesis :* **Preparation and Characterization of Aluminium Metal Matrix Composite with Novel in Situ Ceramic Composite Particles, Developed from Waste Colliery Shale Material**

*The Degree has been awarded in accordance with UGC regulations 2009*

*Given under the Seal of the University*



*[Signature]*  
**PRINCIPAL**  
**NARASAROPETA ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**NARASAROPETA - 522 601**  
**Guntur (Dist.), A.P.**

**IQAC**  
Narasaraopeta - 522 510,  
A. P. India

Date **9 MAY 2017**

*[Signature]*  
**Vice-Chancellor**



# National Institute of Technology, Warangal



upon the recommendation of the Senate  
hereby confers the degree of

*Doctor of Philosophy*  
on  
Donepudi Jagadish

who has successfully completed the prescribed requirements for the award of  
the degree in the Department of

*Mechanical Engineering*

Given under the seal of the Institute at Warangal  
in the Republic of India on Fifteenth Day of September Two Thousand Twelve

  
Director &  
Chairman, Senate



  
Chairman  
Board of Governors



  
PRINCIPAL  
NARASARAOPET ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.

Serial No. : C0659/1733

Register No. : 18624/13

# Pondicherry University



*This is to certify that*

**RAMAKOTAIAH MADDUMALA**

*has been found eligible for the degree of*

**DOCTOR OF PHILOSOPHY**

*Year* ..... 2017

*Subject* ..... MECHANICAL ENGINEERING

*Title of the Thesis* ..... "EFFECTS OF HEAT TRANSFER, PERISTALSIS  
AND PERMEABILITY IN THE PUMPING OF A VISCOUS FLUID IN A  
CHANNEL".

*He/She is hence admitted to the degree of Doctor of Philosophy*

*Given under the Seal of the University*



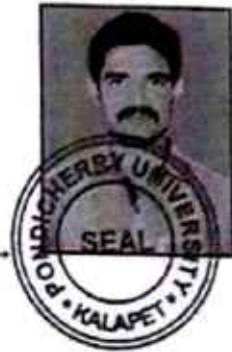
Puducherry  
Date 18.04.2017

*Anthony*  
Vice-Chancellor  
PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.

*Ramakotaiah Maddumala*  
Registrar

**IQAC**







# KONERU LAKSHMAIAH EDUCATION FOUNDATION

(Deemed to be University)

Est'd. u/s. 3 of the UGC Act, 1956  
NAAC Accredited "A" Grade



Aadhaar/Passport/Citizenship 4056 0103 0319

Sl.No. 117826

Regd.No. 13307001

Faculty of Mechanical Engineering

By the authority of Board of Management

This is to certify that

*Penugonda Suresh Babu*

has been duly conferred the degree of

*Doctor of Philosophy*

he / she having been declared to be qualified to receive the same

Given under the seal of the University this day of Twenty First December Two Thousand and Twenty

Thesis Title: *"Development and Characterization of Stir Casted AZ31 Magnesium Alloy-CaSiO<sub>3</sub> Composites"*



*Ceslay*  
Vice-Chancellor



*Ush*  
PRINCIPAL  
NARASARAOPEETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPEETA - 522 601  
Guntur (Dist.), A.P.

पंजीकरण सं. 24917086  
(Reg. No.)

नामांकन सं. PEN/PED/17/00606  
(Enrollment No.)

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



## डॉक्टर ऑफ़ फिलॉसफी

प्रमाणित किया जाता है कि **Venkanna Babu Mendi** को इस विश्वविद्यालय के **Engineering** संकाय के अन्तर्गत डॉक्टर ऑफ़ फिलॉसफी की उपाधि से वर्ष 2022 में विमूषित किया गया।

इनके शोध प्रबन्ध का विषय निम्नलिखित था :-

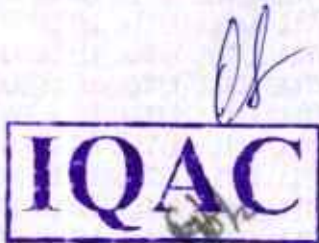
**STRUCTURAL ANALYSIS OF CAM TO LEVER MECHANISM WITH PRACTICAL SWAM OPTIMIZATION (PSO) FOR HEAVY LOAD APPLICATION**

## DOCTOR OF PHILOSOPHY

This is to certify that **Venkanna Babu Mendi** has been awarded the degree of **Doctor of Philosophy** in the faculty of **Engineering** of this University in the year **2022**.

The title of his/ her thesis was:-

**STRUCTURAL ANALYSIS OF CAM TO LEVER MECHANISM WITH PRACTICAL SWAM OPTIMIZATION (PSO) FOR HEAVY LOAD APPLICATION**



Registrar  
रजिस्ट्रार



PRINCIPAL  
NARASARAPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAPETA - 522 601,  
Guntur (Dist.), A.P.  
प्रिंसिपल

06<sup>th</sup> February 2023





# PONDICHERRY UNIVERSITY

KALAPET, PONDICHERRY - 605 014

## PROVISIONAL CERTIFICATE

REGISTER NO. 18831/14	FOLIO NO. 277023
--------------------------	---------------------



This is to certify that TULALA RAJASANTHOSHKUMAR  
 has been conferred Ph.D. degree in MECHANICAL ENGINEERING on  
 the topic "ANALYSING THE MACHINABILITY AND PROCESS ANALYSIS  
 OF ALUMINIUM ALLOY".

\_\_\_\_\_ 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 \*\*\*



*M. Zamankaril*  
 Registrar  
 PONDICHERRY UNIVERSITY  
 KALAPET, PONDICHERRY  
 Registrar

DATE: 15-06-2017

*UW*



PRINCIPAL  
 NARASARAOPETA ENGINEERING COLLEGE  
 (AUTONOMOUS)  
 NARASARAOPETA - 522 601  
 Guntur (Dist.), A.P.

1131

# National Institute of Technology Warangal

MSH N.P.16020



upon the recommendation of the Senate  
hereby confers the degree of

## Doctor of Philosophy

on

**Mr. Ravinaik Banoth**  
(Roll No: 701145 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in March 2016 in the Department of*

## Metallurgical and Materials Engineering

*Given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Third day of September Two Thousand Sixteen*

*Title of the Thesis : Influence of Chemical Composition and Heat Treatment on Microstructure, Tensile and  
Wear behaviour of Metastable Beta Titanium Alloys*



**IQAC**



*[Signature]*  
CHAIRMAN (GOVERNORS)  
NARASARAOPET - 522 601

SENATE & BOARD OF GOVERNORS

Guntur (Dist.) A.P.





## विद्या-वारिधि

प्रमाणित किया जाता है कि एम नवीन कुमार  
को मैकेनिकल इंजीनियरिंग विषय में वर्ष 2017  
में विद्या-वारिधि की उपाधि प्रदान की गयी ।

### शोध प्रबंध का शीर्षक :

"एन इन्वेस्टिगेशन विद द इफेक्ट्स इन द परफॉर्मेंस ऑफ ए सीआई इंजन विद वेरिएस  
मैथिलिस्टर फ्यूल एण्ड नैनो पार्टिकल्स"

## Doctor of Philosophy

*This is to certify that ..... M. NAVEEN KUMAR .....  
has been awarded the degree of Doctor of Philosophy in  
year..2017..in..... MECHANICAL ENGINEERING .....  
in this University!*

### The title of Thesis :

"AN INVESTIGATION WITH THE EFFECTS IN THE PERFORMANCE  
OF A CI ENGINE WITH VARIOUS METHYLESTER FUELS AND  
NANO PARTICLES"



दिनांक : Date 21 Nov. 2017

**IQAC**  
वीर बहादुर सिंह पूर्वांचल विश्वविद्यालय, जौनपुर (उ०प्र०)  
Veer Bahadur Singh Purvanchal University, Jaunpur (U.P.)

*[Signature]*  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1327833



H.T No.: 1203PH1548

*Mr. Jayakrishna Srirama*

*No. Harinath*

having fulfilled the academic requirements in *September - 2018*

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

*Doctor of Philosophy*

*Mechanical Engineering*

Topic: "Performance Evaluation of 6-UPS and 3-UPS Spatial Parallel Manipulators".

Given under the Seal of the University

Date: 18-02-2019



PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522601  
Guntur (Dist.), A.P.



41014101381

PC No  
318001094



0060

MSH No. 170060

# National Institute of Technology Warangal



upon the recommendation of the Senate  
hereby confers the degree of

## Doctor of Philosophy

on

Pongunuru Naga Sowjanya  
(Roll No: 701338 )

who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in June, 2019 in the Department of

### Civil Engineering

Given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Seventeenth day of August Two Thousand Nineteen

Title of the Thesis : CLIMATE CHANGE IMPACTS STUDIES FOR WATER RESOURCES OF WARDHA AND KRISHNA RIVER  
BASINS.



PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE

AUTONOMOUS MAN

NARASARAOPETA AREA ZONE GOVERNORS  
Center (Dist.), A.P.





**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

**PRINCIPAL**  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)

NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.

DATE 23 JAN 2013  
173 Agarim Road

*[Signature]*  
CONTROLLER OF

*[Signature]*  
REGISTRAR

*[Signature]*  
VICE - CHANCELLOR





Faculty of Engineering

This is to Certify that

M. Muralikrishna *is*

Son/Daughter of M. Chennaiah *is*

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



Given under the Seal of the University

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.

# 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**

**IQAC**

**PRINCIPAL**  
**NARASARAOPETA ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**NARASARAOPET - 522 601**  
**Guntur (Dist.), A.P.**

Given under the Seal of the University



Disposal No. (2) 3973/2016 dt. 14/11/2016

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

# ANDHRA UNIVERSITY



Serial 282

## PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. / Kum. KANNAM NAIDU CHEEPURUPALLI.....  
 has qualified himself/herself for the Award of Doctor of Philosophy Degree by  
 Research for the Thesis submitted by him / her entitled "GEOSPATIAL AND GEOPHYSICAL  
INVESTIGATIONS FOR GROUNDWATER PROSPECTING IN A HARD ROCK TERRAIN -  
A CASE STUDY OF PEDDA KEDARI RESERVE FOREST, SRIKAKULAM DISTRICT,  
ANDHRA PRADESH, INDIA"

and that he / she has done all that is necessary for the formal presentation for the Degree of  
 Doctor of Philosophy in GEO-ENGINEERING  
 in the year 2016...

VISAKHAPATNAM

Dt. 16/11 2016

Initials of the Clerk who Prepared : M. S. Reddy  
 Examined : (Signature)

(Signature)  
 DEPUTY REGISTRAR (ACADEMIC)

(Signature)

PRINCIPAL  
 NARASARAOPETA ENGINEERING COLLEGE  
 (AUTONOMOUS)  
 NARASARAOPET - 522 601  
 Guntur (Dist.), A.P.







அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING AND TECHNOLOGY

ஜூலை, 2016 இல்

குடிமுறை பணிப் பொறியியல்

பிரிவில் நடத்திய தேர்வுகளில்

சந்திரமௌலி ஓய் ஜா

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 CHANDRAMOULY YJ has been admitted to the

Degree of DOCTOR OF PHILOSOPHY in CIVIL ENGINEERING

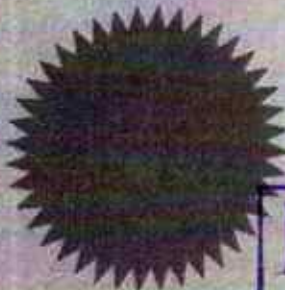
he/she having been certified by duly appointed Board of Examiners who valued

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

**TITLE OF THE THESIS**

OPTIMIZATION OF MIX PROPORTIONING BY USING DIFFERENT TYPES OF  
AGGREGATES BY PARTICLE PACKING APPROACH AND BEHAVIOUR OF  
SELF COMPACTING CONCRETE

பல்கலைக்கழக முத்திரை பெறுகின்றது  
Given under the seal of the University



**IQAC**

அண்ணாமலைநகர்

Annamalainagar

நாள்:

Dated: 30/01/2017

*S. Senthil*  
துணை தேர்வாளர் (கல்விசார்) /  
Dr. Controller of Examinations (Academic)

*U. S.*

PRINCIPAL  
NARASARAO PETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAO PETA - 522 601  
Guntur (Dist.) A.P.

*Dr. K. Aramugam*

பதிவாளர் (பொறுப்பு)

Registrar (i/c)

*Dr. S. Manian*

துணை வேந்தர்

Vice-Chancellor



ANDHRA UNIVERSITY  
ఆంధ్ర విశ్వకళాపరిషత్



FACULTY OF ENGINEERING

*This is to certify that*

**Gogana Venkateswarlu**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in* **Geo-Engineering**

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

*qualified to receive the same in* **2017**

*Given under the Seal of the University*



29<sup>th</sup> July, 2017

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.



# Anna University



Reg.No. 2007399122/RG

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

Title of the Thesis:


**TRANSIENT STABILITY IMPROVEMENT OF POWER SYSTEMS USING UNIFIED POWER FLOW CONTROLLER**

Given under the Seal of the University



  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.

Chennai 600 025  
India  
January 2016

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



Serial No.

06413519

Enrolment No.

M-260917918

# SHRI VENKATESHWARA UNIVERSITY



विद्या वाचस्पति

प्रमाणित किया जाता है कि V. BALA KRISHNA REDDY

को इस विश्वविद्यालय से सन 2014 के दीक्षान्त समारोह में ELECTRICAL AND ELECTRONICS ENGINEERING

विषय पर विद्या वाचस्पति की उपधी प्रदत्त की जाती है।

**DOCTOR OF PHILOSOPHY**

*This is to certify that* V. BALA KRISHNA REDDY

*has been conferred the Degree of* **DOCTOR OF PHILOSOPHY** *of this*

*University in the Department of* ELECTRICAL AND ELECTRONICS ENGINEERING

*at the Convocation of* 2014

*Title* ENHANCEMENT OF DYNAMIC AND TRANSIENT STABILITY OF POWER

SYSTEMS USING FUZZY AND ANN CONTROLLED FLEXIBLE TRANSMISSION SYSTEM

**IQAC**

Shri Venkateshwara University, Gajraula

Date 10/12/2014



PRINCIPAL  
BIRASARAPETA ENGINEERING COLLEGE

MAHARAJAPETA - 522 201  
S. Viswanath Reddy  
S. Viswanath Reddy



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 703172



H.T No. : 0803PH0712

*Mr. Yerra Sreenivasa Rao*

*S/o. Thirupathaiah*

having fulfilled the academic requirements in *December, 2014*  
has this day been admitted by the Executive Council to the Degree of

*Doctor Of Philosophy*  
*Electrical And Electronics Engineering*

Topic : "Modeling and Control of Wind Power Generation System".

Given under the Seal of the University

Date: 21-04-2017



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPETA - 522 601

Guntur (Dist.). A.P.



461061415281



1434

MSH No. P16023

# National Institute of Technology Warangal



*upon the recommendation of the Senate  
hereby confers the degree of*

## Doctor of Philosophy

on

Mr. Papani Sharathkumar

(Roll No: 700812 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in April 2016 in the Department of*

## Electrical Engineering

*Given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Third day of September Two Thousand Sixteen*

*Title of the Thesis : High Frequency Resonant Inverters for Multiple-Load Induction Cooking Application*



CHAIRMAN  
SENATE & BOARD OF GOVERNORS

  
**IQAC**

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 001  
Guntur (Dist.), A.P.

OU849549

# Osmania University



Faculty of Engineering

This is to certify that Gyara Mahendar  
son / daughter of Dharmaiah  
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 Electrical Engineering

The title of the Thesis is :

Effect of On-Load Tap Changer Transformer Operation on Voltage  
Stability Under Various Operating Conditions

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 11 Oct 2019

Given under the seal of the University



CN102180706

Hyderabad, T.S.  
Kartika 05, 1943  
October 27, 2021



*Handwritten signature in green ink.*

PRINCIPAL  
NARASARAO ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAO  
Guntur (Dist.), A.P.







विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान  
नागपुर (भारत)

के. राघवेन्द्र रेड्डी

को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. 15 सितंबर 2017 को

संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है ।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को सितंबर 2017 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

**K Raghavendra Reddy**

who has fulfilled the requirements as prescribed  
under the regulations and has successfully defended  
the thesis in September 2017 titled

**"Multilevel Inverter Topologies with Reduced Component  
Count for Renewable Energy Applications "**

Given this day, 15 September 2017

Given under the seal of the Institute.



**IQAC**  
REGISTRAR

*Behandhan*  
CHAIRMAN, SENATE

*UW*  
PRINCIPAL,  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 604  
Guntur (Dist.), A. P.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

RF 400108  
110625817866



430001136864

*Mr. Veeravalli Venkata Rao*

*S/o. Mr. Koteswara Rao*

having fulfilled the academic requirements in *September - 2011*  
has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Electronics & Communications Engineering*

Topic: Development of Multipolynomial, Minkowski Function Based  
Navigation Solutions and the Analysis of Satellite Clock and Relativistic  
Error Impact on the Navigation Solution for Precise Position Applications

Given under the Seal of the University

H. T. No: 0603PH0830

Date: 07-05-2012

  
DIRECTOR OF EVALUATION  
**IQAC**

  
  
PRINCIPAL  
REGISTRAR  
NARASARAOPETA ENGINEERING COLLEGE  
AUTONOMOUS  
NARASARAOPETA - 522 801  
Guntur (Dist.), A.P.





Faculty of Science

The Board of Management of Sri Venkateswara University

hereby makes known that

K. Greenivasa Ravi

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..... Physics

SUBJECT OF THE THESIS..... "Atmospheric boundary layer studies using sodar and correlation with microwave propagation in Troposphere"

YEAR..... 1990

Given under the Seal of the University



PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.

Vice-Chancellor

Tirupati  
10 JAN 1992  
Dated

Regd No Y14ECR095



**University of Calicut**

**FACULTY OF ENGINEERING**

**NALLURI VEDA KUMAR**

**S/o SOMAIAH**

*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*

(ELECTRONICS & COMMUNICATION ENGINEERING)

*Given under the seal of University*



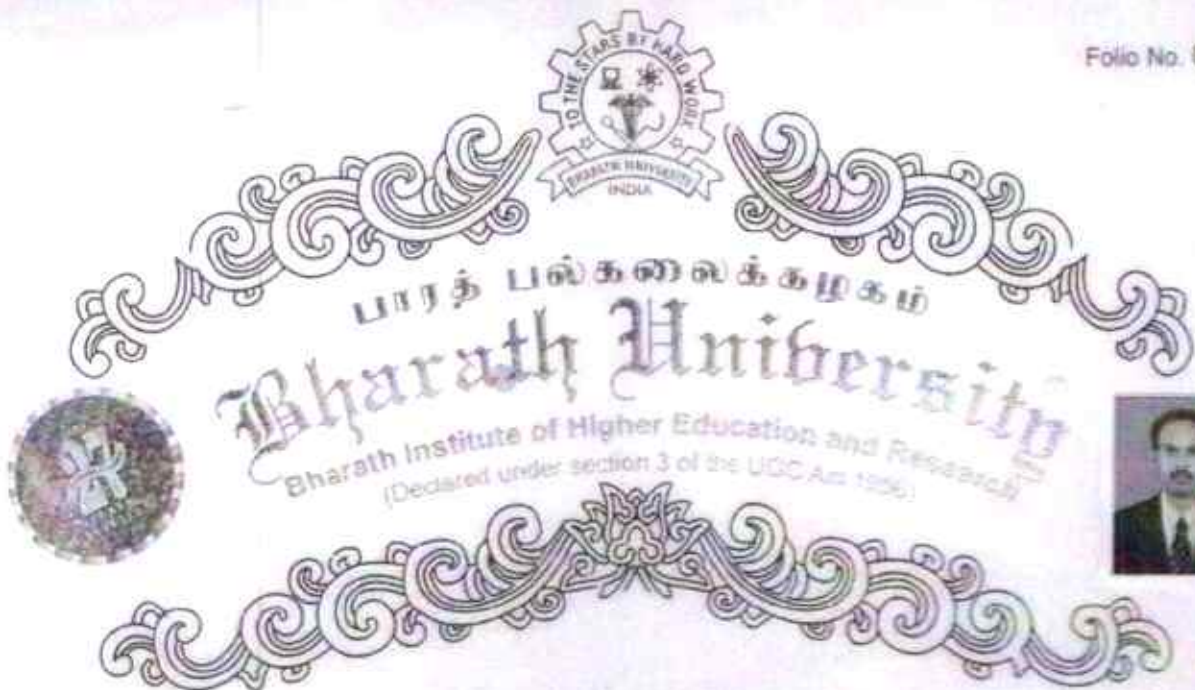
UNIVERSITY OF CALICUT  
Pin-673635

Date: 06-05-2018



PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
VICE CHANCELLOR





**FACULTY OF ENGINEERING**

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

Thesis Title :

Classification Problems Using Intelligent Algorithms.



Given under the Seal of the University.



*M. Premjevanumar*  
CONTROLLER OF EXAMINATIONS

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

*V. S. M.*  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
REGISTRAR Guntur (Dist) A.P.

Dr. Prof. S.M. RAJENDRAN  
M.D., FR.C.P.(U.K.), FMSA

Dr. K.P. THOYAMANI

ANDHRA UNIVERSITY  
ఆంధ్ర విశ్వకళాపరిషత్



FACULTY OF ENGINEERING

*This is to certify that*

**Raju Kolluri**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in* **Instrument Technology**

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

*qualified to receive the same in* **2019**

*Given under the Seal of the University*



Visakhapatnam, A.P., India.

Date: 11<sup>th</sup> September, 2019

  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.

  
Vice-Chancellor



CC345097

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA - 533 003, ANDHRA PRADESH, INDIA



*Mr. Brahmaiahnaick Jatothu*

*S/o. Parsyanaick*

*having fulfilled the academic requirements in February 2020  
has this day been admitted by the executive council to the degree of*

*Doctor of Philosophy*

( ELECTRONICS & COMMUNICATION ENGINEERING)

Topic: Development and Performance Evaluation of Texture Based CBIR  
Algorithms

Given under the Seal of the University



HTNo : 13022P0418

Date: 09-03-2022

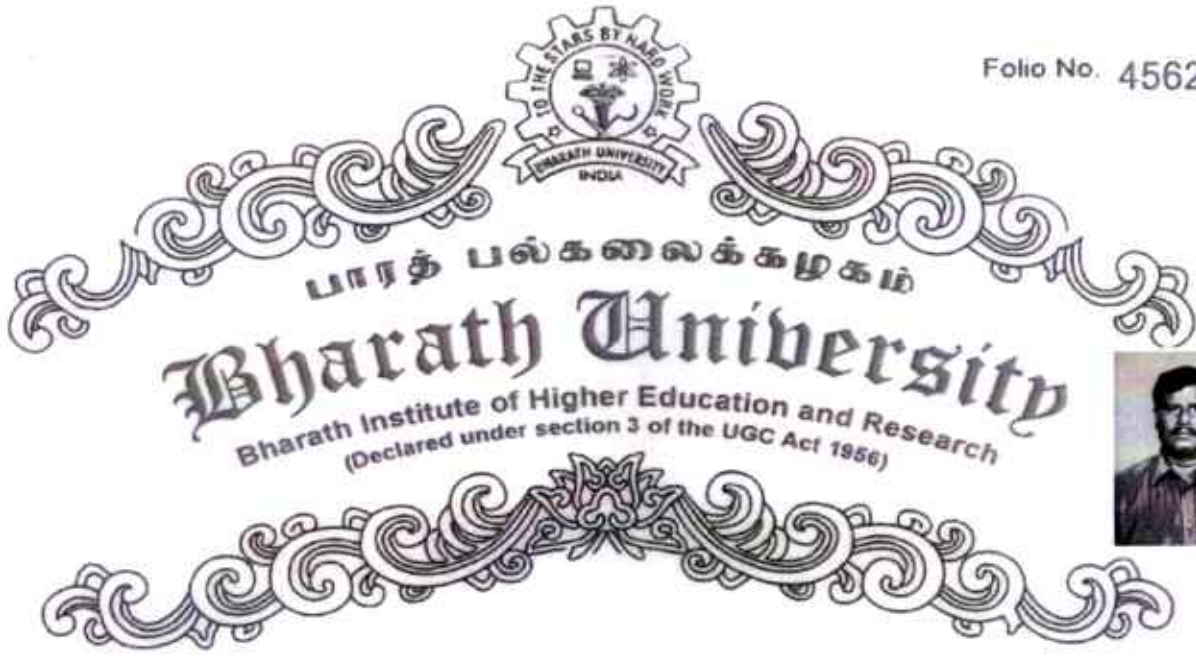


PRINCIPAL

NARASARAOPET ENGINEERING COLLEGE  
(AUTONOMOUS)

NARASARAOPET - 522 601  
Guntur (Dist.), A.P.





### 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**



*Handwritten signature in green ink.*

Given under the Board of the University  
**PRINCIPAL**  
**NARASARAOPETA ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**NARASARAOPET - 522 601**  
**Guntur (Dist.). A.P.**

DATE  
 173 Agaram Road  
 Chennai - 600 073  
 Tamil Nadu

*Handwritten signature in black ink.*  
**CONTROLLER OF EXAMINATIONS**  
 Dr.M.PREMJEYAKUMAR

*Handwritten signature in black ink.*  
**REGISTRAR**  
 Dr.Prof. S.M.RAJENDRAN  
 MD.ERC,P/U.KL.FOMSA

*Handwritten signature in black ink.*  
**VICE - CHANCELLOR**  
 Dr.K.P.THOOYAMANI  
 B.E,M.B.A,M.SC,ENGG..





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



*[Signature]*

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.



Dated :- 06/03/2017

*[Signature]*

Deputy Controller of Examinations  
(Academic)

துணை தேர்வாணையர் (கல்வி சார்ந்த)

*[Signature]*

Registrar

பதிவாளர்

*[Signature]*

Vice-Chancellor

துணைவேந்தர்



**HINDUSTAN UNIVERSITY**

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE

ESTD IN 1982 (U.S. DEPT. OF EDUC. 1990)



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

**RAMPRABU G**

the degree of

**Doctor of Philosophy**

In the Department of Electronics and Communication Engineering

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

Design and Analysis of Novel Modified Cross Layer Controller for WMSN

Given on this day, the 02nd of NOVEMBER 2015.



Given under the Seal of the University

DATE: 06-10-2016

CHIEF CLERK

REGISTRAR

VICE-CHANCELLOR

CHANCELLOR

**IQAC**

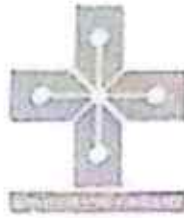
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.





# St. Peter's Institute of Higher Education and Research

Deemed to be University u/s 3 of the UGC Act, 1956



*The Board of Management of the  
St. Peter's Institute of Higher Education and Research  
hereby makes known that*

**DINESH KUMAR R**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*

**ELECTRONICS AND COMMUNICATION ENGINEERING**

*he having been certified by duly appointed examiners*

*to be qualified to receive the same*

*at the VIVA-VOCE examination held in FEBRUARY 2019.*



**IQAC**

Date : 23-02-2019  
Avadi, Chennai - 600 054  
Tamilnadu, India

*Dinesh Kumar R*  
Registrar

*Given under the seal of the Institute*

*[Signature]*  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601.  
(Dist.), A.P.

*[Signature]*  
Vice-Chancellor



REG. NO. : 1015506011



*Faculty of Engineering & Technology*

The Board of Management of the SRM University  
hereby makes known that

**SIVALINGAM S**

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY IN**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

having successfully completed the prescribed  
programme of study through

**FACULTY OF ENGINEERING & TECHNOLOGY**

**KATTANKULATHUR - 603 203**

and having been certified by duly appointed examiners  
to be qualified to receive the same at the examination

held in **NOVEMBER - 2018**

THESIS TITLE : **AUTONOMOUS CONTROL OF ACTIVE POWER ELECTRONICS LOADS  
CONSIDERING RESPONSE COST IN ISLANDED MICROGRID**

Given under the seal of the University



*[Signature]*  
REGISTRAR

*[Signature]*  
VICE-CHANCELLOR

DATE: 22 JUN 2019  
SRM NAGAR, KATTANKULATHUR - 603203  
KANCHHEEPURAM DIST. TAMILNADU, INDIA

Principal  
SRM NAGAR ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 922 601  
Guntur (Dist.), A.P.



# Anna University



Reg.No.1315339754/RG



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

*Title of the Thesis:*

**VENTRICULAR ANALYSIS OF CARDIAC MAGNETIC RESONANCE IMAGES USING AUTOMATED HYBRID SEGMENTATION METHODS**

*Given under the seal of the University*



**IQAC**

  
PRINCIPAL  
NARASARAO PETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAO PETA - 522 601  
Guntur (Dist.), A.P.

Chennai 600025  
India  
December 2018

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



Enrollment No.  
15SRU/W0031



Registration No.  
SRU/Ph.D./Jan/2015/0039

सनराईज विश्वविद्यालय, अलवर  
SunRise University, Alwar

Tehsil Ramgarh, District - Alwar (Rajasthan), INDIA

**विद्या - वाचस्पति**

( संकाय Engineering : Electronics & Communication Engineering )

सनराईज विश्वविद्यालय की एकेडेमिक काउंसिल द्वारा यह प्रमाणित किया जाता है कि श्री/सुश्री/श्रीमती **Shaik Bajidvali** ने सनराईज विश्वविद्यालय से शोधप्रबन्ध अनुमोदन उपरान्त विद्या वाचस्पति की उपाधि प्राप्त की।

शोधप्रबन्ध का विषय

"An Early Detection to Manage Diabetic Anomalies Using IR Thermal Imaging"

**Doctor of Philosophy**

(Faculty of Engineering : Electronics & Communication Engineering )

This is to certify by the Academic Council of SunRise University that Mr./Ms./Smt. **Shaik Bajidvali** obtained the Degree of **Doctor of Philosophy** after approval of the thesis.


Title of Thesis

"An Early Detection to Manage Diabetic Anomalies Using IR Thermal Imaging"


Awarded under the seal & Signature of the SunRise University in the year 2018

  
Registrar



  
President



  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601,  
Guntur (Dist.), A.P.



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



डॉक्टर ऑफ फिलॉसफी  
प्रमाणित किया जाता है कि  
जयपाल रेड्डी येरुवा

को इस विश्वविद्यालय के इलेक्ट्रॉनिक्स एण्ड कम्यूनिकेशन इंजीनियरिंग विषय में  
डॉक्टर ऑफ फिलॉसफी की उपाधि से वर्ष 2021 में विभूषित किया गया।  
इनके शोध प्रबंध का विषय है :-

" Neural Network based Microscopic Image Retrival Scheme for Multi Image Queries".

DOCTOR OF PHILOSOPHY

This is to certify that

**JAIPAL REDDY YERUVA** has been  
awarded to the degree of **DOCTOR OF PHILOSOPHY**  
in the subject **ELECTRONICS AND COMMUNICATION OF THIS UNIVERSITY**  
**ENGINEERING**  
in the year 2021

The title of his/her thesis is :-

" Neural Network based Microscopic Image Retrival Scheme for Multi Image Queries".



NARASARAO ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAO - 522 601  
Guntur (Dist.), A.P.

कुलसचिव  
Registrar

T20R04001

NAAC  
A+ GRADE  
ISO 9001:2015  
Certified

ANDHRA UNIVERSITY  
ఆంధ్ర విశ్వకళాపరిషత్



FACULTY OF ENGINEERING

*This is to certify that*

SK EBRAHEEM KHALEELULLA

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

in **ELECTRONICS AND COMMUNICATION ENGINEERING**

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

*qualified to receive the same in* **2020**

*Given under the Seal of the University*



Visakhapatnam, A.P., India.



*[Signature]*  
PRINCIPAL  
NARASAROPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASAROPETA - 532 601  
Guntur (Dist.), A.P.

*[Signature]*  
Vice-Chancellor

Date: 09<sup>th</sup> September 2023



# ACHARYA NAGARJUNA UNIVERSITY



Sl.No. 000814

Ref. No. ANU/RC/Ph.D./ECE  
/SB/3674/April 2022

## PROVISIONAL CERTIFICATE

*This is to Certify that*

Sri/Smt./Kum. **Suneetha Bobbillapati**

S/o. / D/o. **Samuel**

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

Thesis submitted by him/her entitled **A NOVEL SEGMENTATION METHOD**

**FOR DETECTION OF TUMORS IN BRAIN MR IMGAEs**

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

Doctor of Philosophy in **Engineering**

in the Faculty of \_\_\_\_\_

with effect from **29-09-2022**

**The Degree has been awarded in accordance with UGC Regulations 2009**

Nagarjuna Nagar  
Dated **29-09-2022**

Initials of the



Clerk who Prepared: *[Signature]* 29/9/22  
Examined: *[Signature]* 29/9/2022

*[Signature]*  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601.  
GURUGODDARAPETA

Roll No.: EC18D1006



**NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY**  
**Karaikal, India**

On the recommendation of Senate hereby confers the degree of

**Doctor of Philosophy**

on

**KOJJA SRINIVASA RAO**

for having successfully completed the prescribed programme of study in  
**May 2023** and presenting the thesis entitled

**Statistical Modelling and Performance Analysis of Cooperative NOMA  
System Over Multipath Fading Channels**

given this day, the 07<sup>th</sup> of October 2023 under the seal of the Institute.



Registrar

*U. Marathees*  
Director  
and Chairperson Senate

*18/10/23*  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 523 603  
Guntur (Dist), A.P.  
Chairperson  
Board of Governors



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



डॉक्टर ऑफ फिलॉसफी  
प्रमाणित किया जाता है कि  
मुहम्मद जावीद अहमद

को इस विश्वविद्यालय के इलेक्ट्रॉनिक्स एण्ड कम्यूनिकेशन इंजीनियरिंग विषय में  
डॉक्टर ऑफ फिलॉसफी की उपाधि से वर्ष 2020 में विभूषित किया गया।

इनके शोध प्रबंध का विषय है :-

"A NON SUPERREACTIVE ANTENNAS MAXIMUM DIRECTIVITY BOUNDING AND  
ITS RADIATION APERTURE".

DOCTOR OF PHILOSOPHY

This is to certify that

MOHAMMED JAVEED AHAMMED has been  
awarded to the degree of DOCTOR OF PHILOSOPHY  
in the subject ELECTRONICS AND COMMUNICATION of this University  
ENGINEERING  
in the year 2020

The title of his/her thesis is :-

"A NON SUPERREACTIVE ANTENNAS MAXIMUM DIRECTIVITY BOUNDING AND ITS  
RADIATION APERTURE".



NARASARAOPET ENGINEERING COLLEGE  
(AUTONOMOUS)

NARASARAOPET - 522 601  
Guntur (Dist.), A.P.

कुलसचिव  
Registrar

सीहोर (म.प्र.), भारत, दिनांक  
Sehore (M.P.), INDIA, Date

28-December-2020



Disposal No. 000658

Register No.  
PP.ECE.0045

# RAYALASEEMA UNIVERSITY

## KURNOOL



### PROVISIONAL CERTIFICATE

This is to Certify that Mr. / Ms. **BATHULA SIVA NAGESWARA RAO**  
has qualified himself / herself for the award of the **Degree of Doctor of**  
**Philosophy** in **ELECTRONICS & COMMUNICATION ENGINEERING** with effect from 12-03-2024  
on the basis of the adjudication reports of the examiners and on his / her  
satisfying other conditions for the award of the degree.

**Entitled** DESIGN AND ANALYSIS OF MULTIBAND FRACTAL ANTENNA FOR  
MULTIPLE APPLICATIONS

Kurnool  
Andhra Pradesh, India

25-04-2024

Date :

**IQAC**

Written by : *[Signature]*

Compared by *[Signature]*

Supdt.

*[Signature]*  
A.R. 25/4/24

*[Signature]*  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.) A.P.

CONTROLLER OF EXAMINATIONS



Sl.No.: 002064



# VIT-AP UNIVERSITY

(A Non-Profit Educational Society for the AP State Private Universities (Reg. & Incorporated Act, 2010))

Register No. 20PHD7044

## PROVISIONAL CERTIFICATE

This is to certify that **VENKATA LAKSHMAIAH Y**

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

he / she having passed the above Degree Examination held in **DEC - 2023**

as follows :

**THESIS TITLE : DESIGN AND ANALYSIS OF A COMPACT ANTENNA INCORPORATING DIFFERENT SLOTS FOR IMPROVEMENT AND BAND REJECTION CHARACTERISTICS**

DATE : 15-12-2023



VIT-AP UNIVERSITY  
AMARAVATI - 522 237, ANDHRA PRADESH, INDIA.

CONTROLLER OF EXAMINATIONS



PRINCIPAL

**NARASARAOPETA ENGINEERING COLLEGE**  
(**UNIONOMOUS**)  
**NARASARAOPETA - 522 001**  
**Guntur (Dist.), A.P.**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CC 067171

H.T.No:14PH0401

Aadhaar No:374896620031



*Jarvaji V K Ratnam*

*So. Jarvaji V Kondaiah*

*&  
Jarvaji Ramulamma*

*having fulfilled the academic requirements in July, 2020 has this day  
been admitted by the Executive Council to the Degree of*

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

**(Electronics & Communication Engineering)**

for the Thesis entitled,  
**"DEVELOPMENT OF NOVEL SECRET SHARING ALGORITHMS FOR SINGLE AND MULTIPLE  
IMAGES"**

*Date of Viva Voce : 27.07.2020* Given under the Seal of the University

Saturday, 24 April, 2021.



DIRECTOR OF EVALUATION



REGISTRAR

*U.S.S.*  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.) A.P.

VICE CHANCELLOR





Faculty of Science

The Board of Management of Sri Venkateswara University

hereby makes known that

K. Greenivasa Ravi

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: Physics

SUBJECT OF THE THESIS: "Atmospheric boundary layer studies using sodar and correlation with microwave propagation in Troposphere"

YEAR: 1990

Given under the Seal of the University



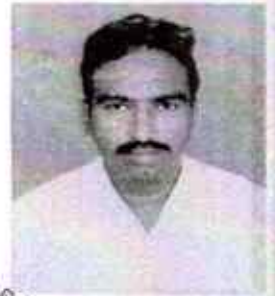
Tirupati  
Dated JAN 1992

U.S.V.  
PRINCIPAL  
NARASIMHETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASIMHAPET - 522 601  
Guntur (Dist.) A.P.

Vice-Chancellor



CC000047



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

KAKINADA - 533 003, ANDHRA PRADESH, INDIA

*Mr. N Thirumala Rao S*  
*S/o Sivasankara Rao*

*having fulfilled the academic requirements in May 2011*  
*has this day been admitted by the Executive Council to the Degree of*  
*Doctor of Philosophy*

( *Computer Science & Engineering* )

**Topic : Critical Evaluation Of Memory Mapped Data Mining Algorithms On Single Core And Multi Core Processors.**

Given under the Seal of the University

HTNo : 0502PH0607

Date : 04 August, 2012



*U.S.V.*  
PRINCIPAL  
NARASARAOPET ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
GURUPUR (Dist.), A.P.



Regd. No.

00073

ACHARYA NAGARJUNA UNIVERSITY  
ఆచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF ENGINEERING

*This is to certify that*

Mr./Ms. *Sithasoungondla Venkatesh Nagar Srinivasa*

*has been duly admitted to the*

*Degree of Doctor of Philosophy*

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

*be qualified to receive the same in 2014*

*in Computer Science & Engineering*

*Given under the Seal of the University*



Nagarjuna Nagar-522 510.  
A.P. India

Date: 3 JUN 2014



*[Signature]*

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.

*[Signature]*  
Vice-Chancellor



CC344138

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA - 533 003, ANDHRA PRADESH, INDIA



*Mr. Lakshminadh Kurakula*

*S/o. Satyanarayana K*

*having fulfilled the academic requirements in May 2017*

*has this day been admitted by the executive council to the degree of*

*Doctor of Philosophy*

(Computer Science & Engineering)

Topic: Design and Development of Multi Interface TCP for Next  
Generation Networks

Given under the Seal of the University



HTNo : 10022P05A9

Date: 23-01-2018



*[Signature]*

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPETA - 522 601

Guntur (Dist.), A.P.



CC344001

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA - 533 003, ANDHRA PRADESH, INDIA



*Mr. Siva Nageswara Rao S*

*S/o. Venkata Sri Nivasarao*

*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)

Topic: Wireless Mesh Network Incorporated Infrastructure Networks for  
Efficient Mobility Management and Routing

Given under the Seal of the University



HTNo : 10022P05A8

Date: 23-01-2018



*[Handwritten Signature]*  
PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.) A.P.



Sl. No. 000791



**KONERU LAKSHMAIAH EDUCATION FOUNDATION**

(Deemed to be University)  
Estd. urs. 3 of the UGC Act, 1956

PROVISIONAL CERTIFICATE  
(DOCTOR OF PHILOSOPHY)

SIREESHA MOTURI

This is to certify that Sri. / Smt. / Kum. \_\_\_\_\_

Regd. No. : 15303137

Son / Daughter of BUJJI BABU

has qualified himself / herself for the award of Doctor of philosophy Degree by  
Research for the thesis submitted by him / her entitled

"AN EFFECTIVE CLINICAL DECISION SUPPORT SYSTEM TO IMPROVE THE  
ACCURACY OF CARDIOVASCULAR AND BREAST CANCER DISEASE PREDICTION  
THROUGH OPTIMAL FEATURE SELECTION"


and that he / she has done all that is necessary for the formal presentation of  
Degree of Doctor of Philosophy in COMPUTER SCIENCE AND ENGINEERING

in the year 2023

Date: 13.03.2023

  
**IQAC**

  
CONTROLLER OF EXAMINATIONS

  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.

  
REGISTRAR



Sl.No: 002052



# VIT-AP UNIVERSITY

(State Private University under the AP State Private Universities (Am. & Reg. Act) 2019)

Register No: 20PHD7019

## PROVISIONAL CERTIFICATE

This is to certify that **KUNDA SURESH BABU**

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

he / she having passed the above Degree Examination held in **NOV - 2023**

as follows :

**THESIS TITLE : AN EFFICIENT AND INTELLIGENT DEEP LEARNING TECHNIQUES FOR DETECTION AND CLASSIFICATION OF INTRUSION DETECTION SYSTEM IN CLASS IMBALANCE DATASETS**

DATE : 15-11-2023



CONTROLLER OF EXAMINATIONS

VIT-AP UNIVERSITY  
AMARAVATI - 522 237, ANDHRA PRADESH, INDIA.



PRINCIPAL  
NARASARAOPET ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.



# Anna University



Reg.No.2011141044/RG



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

*Title of the Thesis:*

**DESIGNING AN ENERGY EFFICIENT SCHEDULING USING MAC PROTOCOL IN WIRELESS SENSOR NETWORK**

*Given under the seal of the University*



**IQAC**

*[Signature]*

**PRINCIPAL**  
**NARASARAOPETA ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**NARASARAOPET - 522 601**  
**Chatur (Dist.), A.P.**

Chennai 600025  
India  
December 2018

*[Signature]*  
**Controller of Examinations**

*[Signature]*  
**Registrar**

*[Signature]*  
**Vice-Chancellor**





# SHRI VENKATESHWARA UNIVERSITY, UTTAR PRADESH

(University established by U.P. Govt Act No. 26 of 2010, u/s 2(f) of UGC and award degrees u/s 22(1) of UGC Act, 1956)

NH-24, Venkateshwara Nagar, Gajraula, Distt.-Amroha (U.P.)-244236  
www.svu.edu.in

S1000003

## PROVISIONAL DEGREE CERTIFICATE

Enrollment No. SVU14020079


Ref. No.SVU/Ph.D/2020/20072901

This is to certify that Mr. A MAHENDAR S/o Mrs. DURGAMMA & Mr. MALLAIAH, has been declared eligible to be conferred the Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE & ENGINEERING on his successful completion of the course work and research work entitled MULTI -TENANCY TECHNIQUES AND APPLICATIONS FOR PROBLEMS IN CLOUD COMPUTING MODELS, under the SCHOOL OF ENGINEERING & TECHNOLOGY, after having his successfully defended the thesis work in the open defense and viva-voce examination dated 28/12/2019. The Degree will be awarded in the convocation.

  
Prepared By

  
Checked By

  
Verified By

  
Dated: 05/08/2020

**IQAC**



Registrar

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.



Reg No PR14C5128

# KARUNYA UNIVERSITY

Deemed to be University of Technology and Sciences



The Board of Management  
of  
Karunya University  
hereby makes known that

**SIVARAMAN G**

has been admitted to the degree of

**Doctor of philosophy**

in

**COMPUTER SCIENCE AND ENGINEERING**

Faculty of Engineering

having been certified by duly appointed examiners to be  
qualified to receive the same in February 2019

Title of the Thesis:

*An High Efficiency Lung Cancer System with 3D-CNN Algorithm*

Given under the seal of the University

Dated: 28<sup>th</sup> November 2019



Chancellor

*[Signature]*  
Vice-Chancellor

*[Signature]*

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPET - 522 601

GUDURU, GUNTUR, A.P.

Registrar



REG.NO. 1016506555



*Faculty of Engineering & Technology*

The Board of Management of the S.R.M. University  
hereby makes known that

**VENKATESAN S**

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY IN**

**COMPUTER SCIENCE AND ENGINEERING**

having successfully completed the prescribed  
programme of study through

**FACULTY OF ENGINEERING & TECHNOLOGY**

**KATTANKULATHUR - 603 203**

and having been certified by duly appointed examiners  
to be qualified to receive the same at the examination

held in **DECEMBER - 2016**

THESIS TITLE : **AN HIGH EFFICIENCY LUNG CANCER SYSTEM WITH  
3D-CNN ALGORITHM**

Given under the seal of the University



*[Signature]*  
REGISTRAR

*[Signature]*  
VICE-CHANCELLOR (ex)

DATED: 22 JUN 2017  
SEM NAGAR, KATTANKULATHUR - 602203  
KANCHEEPURAM DIST. TAMILNADU, INDIA

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.





**VIT-AP  
UNIVERSITY**

(State Private University under the AP State Private Universities (Inc. & Regulation) Act, 1986)

Sl.No.: 002057

Register No. 20PHD7014

**PROVISIONAL CERTIFICATE**

This is to certify that **RAMA KRISHNA ELURI**

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

he / she having passed the above Degree Examination held in **NOV - 2023**

as follows :

**THESIS TITLE : A NOVEL BINARY OPTIMIZATION ALGORITHMS FOR FEATURE SELECTION PROBLEM**



DATE 30-11-2023

VIT-AP UNIVERSITY  
AMARAVATI - 522 237, ANDHRA PRADESH, INDIA.

CONTROLLER OF EXAMINATIONS



*Handwritten signature*  
**PRINCIPAL  
NARASARAOPEETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPEETA - 522 601  
Guntur (Dist.) A.P.**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1479213



H.T No.: 0603PH0659

*Ms. Ghansi Vazram Bolla*

*D/o. Churchillbabu*

having fulfilled the academic requirements in *December - 2014*  
has been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: "A New Message Authentication Scheme for Providing Anonymity in Mobile Adhoc Networks".

Given under the Seal of the University

Date: 06-02-2021



*[Signature]*

DIRECTOR OF REGISTRATION

**HQAC**

*[Signature]*



46214000036

*[Signature]*

PRINCIPAL / CANCELLOR

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPETA - 522 601  
Guntur (Dist.), A.P. PC No 18369024000



ANDHRA UNIVERSITY  
ఆంధ్ర విశ్వకళాపరిషత్



FACULTY OF ENGINEERING

*This is to certify that*

**Gudapati Syam Prasad**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

**Computer Science and Systems Engineering**

*in*

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

*qualified to receive the same in* **2015**

*Given under the Seal of the University*



PRINCIPAL  
NARASARAO PETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAO PETA - 522 601  
Guntur (Dist.), A.P.

  
Vice-Chancellor

Visakhapatnam, A.P., India.

Date: 29<sup>th</sup> July, 2017



# ACHARYA NAGARJUNA UNIVERSITY

Sl.No. 000034



Ref. No. ANU/RC/Ph.D./CSE  
/LNJG/3058/July 2020

## PROVISIONAL CERTIFICATE

*This is to Certify that*

Sri/Smt./Kum. **Lakshmi Nagajayaprada G**

S/o./D/o. **Samba Siva Raju Gavarraju**

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

Thesis submitted by him/her entitled **NOVEL EVOLUTIONARY**

**ALGORITHMS WITH NEW MUTANTS FOR SEQUENCE ALIGNMENT**

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

Doctor of Philosophy in **COMPUTER SCIENCE AND ENGINEERING**

in the Faculty of **ENGINEERING**

with effect from **05-03-2021**

The Degree has been awarded in accordance with UGC Regulations 2009

Nagarjuna Nagar

Dated **08-03-2021**



PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)

NARASARAOPETA - 522 601  
CO-ORDINATOR  
Guntur (Dist.) A.P.  
Research Cell

Initials of the  
Clerk who

Prepared  
Examined:

08/03/2021  
  
8/3/2021



Sl.No. 17400210  
క్రమసంఖ్య

Register No.

రిజిస్టర్ నెం.

PP.COMP.SCI.0020



# RAYALASEEMA UNIVERSITY



రాయలసీమ విశ్వవిద్యాలయము

FACULTY OF PHYSICAL & LIFE SCIENCES

ఫ్యాకల్టీ ఆఫ్ ఫిజికల్ & లైఫ్ సైన్సెస్

Rayalaseema University hereby confers the Degree of  
రాయలసీమ విశ్వవిద్యాలయం ఇందుమూలంగా పట్టా ప్రధానంచేస్తూ

**DOCTOR OF PHILOSOPHY**

on V ADISUBBA LAKSHMI V

Son / Daughter of V V S VENU GOPALASARMA మమారుడు/మమార్లు

in recognition of his / her research work on "A HYBRID APPROACH IN AUTONOMIC SERVICE ORIENTED DELIVERY PLATFORM FOR NEXT GENERATION NETWORK"

అనే అంశంపై ఆతడు / ఆమె కొవసాగించిన పరిశోధనకు గుర్తింపుగా

In the Department of COMPUTER SCIENCE విభాగంలో

He / she having been found duly qualified for the same in September - 2018  
ఆతడు / ఆమె తగిన అర్హత సాధించినట్లుగా ప్రకటించబడ్డవారి.

Aadhar No.: 783253831557  
ఆధార్ సంఖ్య :

Given under the Seal of the University

విశ్వవిద్యాలయ అధికారముద్దో జారీచేయబడ్డది



Kurnool - 518 007, A.P., India.  
కర్నూలు-518 007, ఆంధ్రప్రదేశ్, భారతదేశము

Date: 22-12-2020

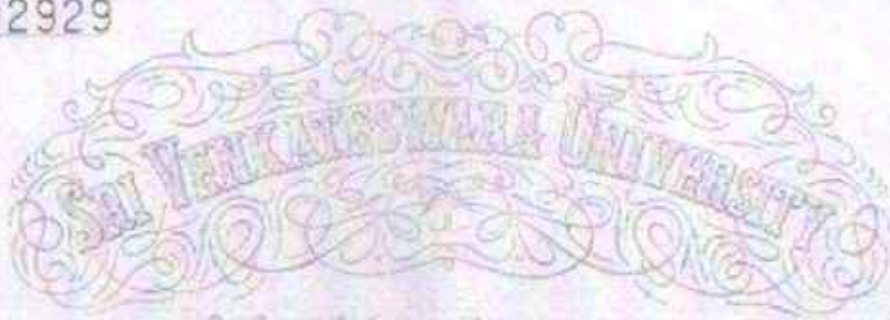


*Principal*  
PRINCIPAL  
NARASARAOPIETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPIETA - 522 601  
Guntur (Dist.), A.P.

*Vice-Chancellor*  
ఉపకులపతి



No PT 002929



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ ఆర్ట్స్  
Faculty of Arts

కొల్లిపర పొన్నారి లక్ష్మి

కె పాండురంగా రావు గారి కుమార్తె కు

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

డాక్టర్ ఆఫ్ ఫిలాసఫి

పట్టా ప్రధానానికి అర్హత వొందినట్లు దృవీకరించడమైంది.

*This is to certify that*

*Kollipara Ponnari Lakshmi*

*Daughter of K Panduranga Rao  
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 : ENGLISH

SUBJECT OF THE THESIS : "An Oeuvre of Kamala Das"

YEAR : 2012



విశ్వవిద్యాలయ అధికార ముద్రతో జారీ చేయడమైంది.

*Given under the Seal of the University*

PRINCIPAL  
NARASARAOPEETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPEETA - 522 601  
Guntur (Dist.), A.P.

ఉపకులపతి  
Vice - Chancellor

తిరుమతి / Tirumati

తేదీ / Date : 25 JUL 2012





S.No.: 020195



**VIGNAN'S**

Foundation for Science, Technology & Research  
(Deemed to be UNIVERSITY)  
- Estd. ub 3 of UGC Act 1956

PC. No.: 016442

REGD. No.: 181PG33201

**PROVISIONAL CERTIFICATE**

*This is to certify that Ms. VASANTHA ARUNA has satisfied all the requirements for the award of Doctor of Philosophy in the faculty of ENGLISH in SEPTEMBER 2023 for thesis titled 'Negotiating womanly perceptions in the select novels of Anita Nair : A study'.*



**IQAC**

VADLAMUDI.

DATE: 13-9-2023

**A**  
VERIFIED BY

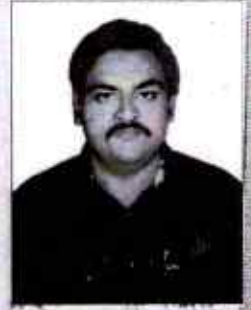
PRINC. PRL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.

CONTROLLER OF EXAMINATIONS





**ACHARYA NAGARJUNA UNIVERSITY**  
అచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF HUMANITIES**

*This is to certify that*

Mr./Ms. \_\_\_\_\_

**RAFI SHAIK**

**BASHA**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

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

*receive the same with effect from* **07<sup>th</sup> October, 2023**

*in the Department of* **ENGLISH**

*Title of the Thesis* **"A THEMATIC STUDY OF GIRISH KARNAD'S SELECTED PLAYS"**

*Given under the Seal of the University*



Nagarjuna Nagar-522 510,  
A.P. India

Date: 30 OCT 2023



PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.) A.P.

Vice-Chancellor



Regd. No.

00107

ACHARYA NAGARJUNA UNIVERSITY  
ఆచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF PHYSICAL SCIENCES

*This is to certify that*

Mr./Ms. *Mohiddin Shaw Shaik*

*S/o Easwared*

*has been duly admitted to the*

*Degree of Doctor of Philosophy*

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

*be qualified to receive the same in 2012*

*in Mathematics*

*Given under the Seal of the University*



*[Signature]*  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.



*[Signature]*  
Vice-Chancellor

Nagarjuna Nagar-522 510,  
A.P., India

Date: 17 DEC 2013



# MONAD UNIVERSITY

Established by J.P. State Govt. Act No. 13 of 2010 & U.O. 21 of 11.11.2011  
K.M. 24, Debra Nagar Road, Obberoi, Hyderabad-505001 (A.P.)



Ref. No. MU/PDC/1402/0096

Date 26/11/2014

## PROVISIONAL DEGREE CERTIFICATE

This is certified that Mr./Ms. **DHARMAIAH GURRAM** (Enrollment No. MU1210201435) s/o {(d/o)} Shri **LAKSHMI NARAYANA GURRAM** has successfully completed all the requirements as per the University Ordinances for the award of the degree of Doctor of Philosophy in the field of **MATHEMATICS** in the faculty of **Sciences**.

The thesis entitled "**SOME MHD FLOWS THROUGH A POROUS MEDIUM**" submitted to the Monad University has been accepted by the University on the recommendations of the viva-voce board on {25-11-2014}.

The degree will be awarded in the next convocation.

Dated: 26-11-2014

  
**IQAC**

  
**REGISTRAR - PRINCIPAL**  
**NARASIMHAPETA ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**NARASIMHAPETA - 522 601**  
**Gandur (Dist.), A.P.**  
**MONAD UNIVERSITY**



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CC 034050

H.T.No:13PH0910

Aadhaar No:547023562487



*Ravuri Mohana Ramana*

*So. Basava Chari*

*&  
Ravuri Rajeswari*

*having fulfilled the academic requirements in February, 2019 has this day  
been admitted by the Executive Council to the Degree of*

*\*\*\* Doctor of Philosophy \*\*\*  
(Mathematics)*

*for the Thesis entitled,  
"UNSTEADY CONVECTIVE MHD FLOWS IN THE PRESENCE OF CHEMICAL REACTION"*

*Date of Viva Voce : 16.02.2019 Given under the Seal of the University*

*Wednesday, 27 February, 2019.*



*Supplens*  
DIRECTOR OF EDUCATION

*Registrar*  
REGISTRAR

*Principal*  
PRINCIPAL

**IQAC**

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.



T20R04011

NARC  
A+ GRADE  
ISO 9001:2015  
Certified

ANDHRA UNIVERSITY  
ఆంధ్ర విశ్వకళాపరిషత్



FACULTY OF SCIENCE

*This is to certify that*

CHUNDRU MAHESWARI

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

in MATHEMATICS

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

*qualified to receive the same in* 2020

*Given under the Seal of the University*

**IQAC**

Visakhapatnam, A.P., India.



PRINCIPAL  
NARASARAOPET ENGINEERING COLLEGE  
(AUTONOMOUS)

NARASARAOPET - 522 804  
Guntur (Dist), A.P.

Vice-Chancellor

Date: 15<sup>th</sup> September 2023



# ACHARYA NAGARJUNA UNIVERSITY

Sl.No. 000075



Ref. No. ANU/RC/Ph.D./Maths  
/RBN/2965/March 2020

## PROVISIONAL CERTIFICATE

*This is to Certify that*

Sri/Smt./Kum. **Ravi Babu Narahari**

S/o./D/o. **Venkaiah**

*has qualified himself / herself for the award of the Degree of Doctor of Philosophy by Research for the*

*Thesis submitted by him/her entitled* **THEORY OF 2-ABSORBING**

**IDEALS OF SUM-ORDERED PARTIAL SEMIRINGS**

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

*Doctor of Philosophy in* **MATHEMATICS**

*in the Faculty of* **PHYSICAL SCIENCES**

*with effect from* **26-03-2021**

The Degree has been awarded in accordance with UGC Regulations 2009

Nagarjuna Nagar

Dated **31-03-2021**



Examined: **31/03/2021**  
5/10/2021 A. S. Jeyaraj

*[Signature]*  
31/03/21

CO-ORDINATOR  
PRINCIPAL  
Research Cell

NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)

NARASARAOPET - 522 604  
Guntur (Dist.), A.P.



# UNIVERSITY OF HYDERABAD

P.O. Central University, HYDERABAD - 500 134.

No 354

Enrol No. PP 5978



## PROVISIONAL CERTIFICATE

( DOCTOR OF PHILOSOPHY )

This is to certify that

Shri / Smt. / Kum. T V S M Mohan Babu  
son / daughter of Shri T Narasimha Rao  
has been declared eligible to receive the degree of  
DOCTOR OF PHILOSOPHY (Ph. D.) in Physics  
in the school of \_\_\_\_\_

of this University on the basis of the thesis entitled

"Local Environment Effects in Some  
Fe based Quasi-Binary A<sub>3</sub>B and  
AB Type Alloys"

submitted by him / her in the month of August, 1995

Dated 8th May, 1996.

[Signature]

REGISTRAR  
Deputy Registrar  
(Examinations)

HYDERABAD - 500 134.



[Signature]  
PRINCIPAL  
NARASARAOPEJA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPEJA - 522 601  
Suryapet (Dist), A.P.



Regd. No.

00148

ACHARYA NAGARJUNA UNIVERSITY  
అచార్య నారాయణ విశ్వవిద్యాలయము



FACULTY OF PHYSICAL SCIENCES

*This is to certify that*

Mr./Ms. Anjaneeyulu Ghipangudisa

*has been duly admitted to the*

*Degree of Doctor of Philosophy*

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

*be qualified to receive the same in* 2014

*in* Physics

*Given under the Seal of the University*



Nagarjuna Nagar-522 510,  
A.P., India

Date: 27 MAY 2014



*[Signature]*  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.

*[Signature]*  
Vice-Chancellor



Ref.No:ANU/RC/Ph.D./Physics/KN/1094/March 2014



**ACHARYA NAGARJUNA UNIVERSITY**  
ఆచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF PHYSICAL SCIENCES**

*This is to certify that*

Mr./Ms. Neeraja Katta

D/O Varaprasada Rao

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

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

*receive the same with effect from* 02 July 2014

*in the Department of* PHYSICS

*Title of the Thesis :*

**INFLUENCE OF MODIFIER OXIDES  
ON ELECTRIC AND SPECTROSCOPIC  
PROPERTIES OF Sm<sup>3+</sup>/Ho<sup>3+</sup> IONS IN  
V<sub>2</sub>O<sub>5</sub> CO-DOPED Na<sub>2</sub>O-SiO<sub>2</sub>-ZnO GLASSES**



*[Signature]*  
PRINCIPAL

**NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.**

*Given under the Seal of the University*



Nagarjuna Nagar-522 510.  
A.P., India

Date: **10 AUG 2019**

*[Signature]*  
Vice-Chancellor



Ref.No:ANU/RC/Ph.D./Physics/NGB/1563/Sep. 2015



ACHARYA NAGARJUNA UNIVERSITY  
అచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF PHYSICAL SCIENCES

*This is to certify that*

Mr./Ms. Giridhar Babu N

S/O N.V.L.N. Sastri

*has been duly admitted to the*

*Degree of Doctor of Philosophy*

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

*receive the same with effect from* 21 November 2017

*in the Department of* PHYSICS

*Title of the Thesis :*

ESTIMATION OF TRACE ELEMENTS IN ANTI-EPILEPTIC  
MEDICINAL PLANTS USING ENERGY DISPERSIVE X-RAY  
FLUORESCENCE

*Given under the Seal of the University*

Nagarjuna Nagar-522 510,  
A.P. India

Date 31 DEC 2017



*Vice-Chancellor*

**IQAC**

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Guntur (Dist.), A.P.





**ACHARYA NAGARJUNA UNIVERSITY**  
అచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF PHYSICAL SCIENCES**

*This is to certify that*

Mr./Ms. Poli Reddy Vuta

S/O Ramakoti Reddy

*has been duly admitted to the*

*Degree of Doctor of Philosophy*

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

*receive the same with effect from* 16 December 2014

*in the Department of* PHYSICS

*Title of the Thesis :*

THE OPTICAL AND STRUCTURAL INVESTIGATION OF RE<sup>3+</sup> (Pr<sup>3+</sup> / Sm<sup>3+</sup> / Ho<sup>3+</sup>) IONS IN SODIUM ZIRCONIUM SILICATE GLASSES



*Given under the Seal of the (Unice)*

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(Autonomous)  
NARASARAOPETA - 522 601  
Guntur (Dist), A.P.

Nagarjuna Nagar-522 510,  
A.P., India

Date: OCT 2018



Vice-Chancellor



*We*, the Chancellor, Vice-Chancellor and Members  
of the Court of the *Bhavnagar University* certify

that the Degree of

**Doctor of Philosophy**

( *Chemistry* )

has been conferred on the *thirtieth* day of the  
month of *April* in the year one thousand  
nine hundred and *eighty eight* at *Bhavnagar*  
on *Kondareddy Anjireddy*  
who has been found duly qualified for the same.

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



*Un*  
PRINCIPAL  
NARASARAPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAPETA - 522 601  
Guntur (Dist.), A.P.

*Chancellor*



Ref.No:ANU/RC/Ph.D./Chemistry/YLK/1472/June 2015



ACHARYA NAGARJUNA UNIVERSITY  
అచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF PHYSICAL SCIENCES

*This is to certify that*

Mr./Ms. Yaddanapudi Lakshman Kumar

*has been duly admitted to the*

*Degree of Doctor of Philosophy*

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

*receive the same with effect from* 18 May 2016

*in the Department of* CHEMISTRY


*Title of the Thesis :* **KINETICS AND MECHANISM OF OXIDATION REACTIONS  
BY PERIODATE AND N-HALOCOMPOUNDS**

*Given under the Seal of the University*

Nagarjuna Nagar-522 510.

India  
**IQAC**  
20 MAY 2018



  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA-522 601  
Guntur (Dist.), A.P.



Regd. No. ANU/RE/Ph.D./Chemistry/ANVVLPR/1416

00010

ACHARYA NAGARJUNA UNIVERSITY  
అచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF PHYSICAL SCIENCES

This is to certify that

Mr./Ms. *P N V L Anumilovani*

*A/o Pippala Yedukonda*  
has been duly admitted to the

Degree of Doctor of Philosophy

in this University, he/she having been declared to  
be qualified to receive the same in 2015

in Chemistry

Given under the Seal of the University

*[Signature]*



Nagarjuna Nagar-522510,  
A.P., India



PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.

*[Signature]*  
Vice-Chancellor

Date: 22 JAN 2016



# ACHARYA NAGARJUNA UNIVERSITY

Sl.No. 000996



Ref. No. ANU/RC/Ph.D./Chemistry  
/SKK/3846/September 2022

## PROVISIONAL CERTIFICATE

This is to Certify that

Sri/Smt./Kum. **Santhakumari Kambala**

S/o. / D/o. **Kotireddy K V S R**

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

Thesis submitted by him/her entitled **BIO ANALYTICAL STUDY**

**AND IMPURITY PROFILE FOR SELECTED ANTIVIRAL DRUGS USING**

**LCMS & UPLC**

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

Doctor of Philosophy in **Chemistry**

in the Faculty of **Physical Sciences**

with effect from **03-04-2023**

Nagarjuna Nagar



Dated **04-04-2023**

Initials of the  
Clerk who

Prepared : **Buyal**  
Examined : **Buyal**  
06/04/2023

**M. V.**  
06/04/2023

**Principal**  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601.  
Guntur (Dist.), A.P.

**Srinamayal**  
CO-ORDINATOR  
Research Cell  
6/4/23



PT 006601

శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

పాఠశాల ఆఫ్ సైన్స్  
Faculty of Science

శ్రీనివాసులు కొల్లపుడి

రామ మూర్తి కె గారి కుమారుడు కు

ఈ విశ్వవిద్యాలయం నుండి క్రింద సూచించిన విధంగా అతను పట్టాకు  
నిర్దేశించిన ఎంజీఆర్ ఉత్తీర్ణత వొందినందుకు

**డాక్టర్ ఆఫ్ ఫిలాసఫి**

పట్టా ప్రధానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

*This is to certify that*

*Sreenivasulu Kollapudi*

*Son of Rama .Muthy .K*

*has been admitted to the Degree of*

**Doctor of Philosophy**

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

DEPARTMENT OF STUDY ENVIRONMENTAL SCIENCES

SUBJECT OF THE THESIS "Limnological Studies on Selected Water  
Bodies of Nellore District in A.P."

YEAR : 2018



PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)

NARASARAOPET - 522 601  
Guntur (Dist.), A.P.

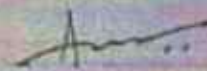


విశ్వవిద్యాలయ అధికారమునాటి వారి చేయడమైంది.  
*Given under the authority of the University*



తిరుపతి / Tirupati

తేదీ / Date: 27 JUN 2018



ఉపకులపతి  
Vice - Chancellor



नामांकन क्रमांक : बी-०६-१२४९४  
Enrolment No. : B-06-12494

# विक्रम विश्वविद्यालय, उज्जैन



## डॉक्टर ऑफ़ फिलॉसफी

प्रमाणित किया जाता है कि

श्री श्रीनिवास राव जेट्टि

ने सन् २०१३ में विज्ञान संकाय के  
अंतर्गत रसायन में शोध प्रबंध प्रस्तुत किया है।

प्रस्तुत शोध प्रबंध का शीर्षक था

"स्टडीज इन द सिन्थेसिस, कैरेक्टराइजेशन एंड बायोलॉजिकल एक्टिविटी  
ऑफ़ सन एकीडिन एन्ड पिरिमीडीनोन डेरिवेटिव्स"

उन्हें डॉक्टर ऑफ़ फिलॉसफी की उपाधि से विभूषित किया जाता है।

## DOCTOR OF PHILOSOPHY

Certified that

SHRI SRINIVASA RAO JETTI

Submitted the thesis in CHEMISTRY under the

Faculty of SCIENCE in the year 2013 .

The title of the submitted thesis was

"STUDIES IN THE SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL  
ACTIVITY OF SOME ACRIDINE AND PYRIMIDINONE DERIVATIVES"

The candidate is awarded the degree of Doctor of Philosophy



Ujjain, M.P. (India)

21 वीं वीरगाँव समारोह

25 जुलाई 2014

भाग शुक्र ५, बसमा पंचमो,

विक्रम संवत् २०७०

दिनांक : ०४ फरवरी २०१४

Date : 04 February 2014

NARASARAOPETA ENGINEERING

(Autonomous)

NARASARAOPETA - 522 601

GANKER (D.S.L.), A.P.

Vice-Chancellor



# Rashtrasant Tukadoji Maharaj Nagpur University

Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1921 &  
presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. 41 of 2017)

Re-accredited 'A' Grade by NAAC in Third Cycle



## Doctor of Philosophy (वाणिज्य व व्यवस्थापन आचार्य) (Faculty of Commerce & Management)

*This is to certify that  
Ananda Oliveti having been found to be duly  
qualified on examination of the thesis entitled "A study  
on skill Development Initiatives with references to Post-  
Graduate Management Institutions and Engineering  
Colleges in North Andhra Pradesh (2006-2016)" was  
admitted to the degree of Doctor of Philosophy  
(वाणिज्य व व्यवस्थापन आचार्य) in the Faculty of Commerce  
& Management in the Subject of Business  
Administration & Business Management in this  
University in the year 2020.*

Nagpur

Dated : 09-07-2021

*[Signature]*  
Vice-Chancellor

108<sup>th</sup> Convocation 2021



PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
GURUR. (Dist.), A.P.



ANDHRA UNIVERSITY  
ఆంధ్ర విశ్వవిద్యాలయం



FACULTY OF ARTS

*This is to certify that*

**Pandu Mudhavath**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in* **Library and Information Science**

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

*qualified to receive the same on* **2016**

*Given under the Seal of the University*



Visakhapatnam, A.P., India.

Date: 29<sup>th</sup> July, 2017

PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
GUNTUR (Dist.) A.P.

Vice-Chancellor



Reg. No. \_\_\_\_\_



# ACHARYA NAGARJUNA UNIVERSITY



## FACULTY OF COMMERCE AND MANAGEMENT STUDIES

This is to certify that

*Maddarali Aravind*

S/o/D/o \_\_\_\_\_

*has been duly admitted to the  
Degree of Doctor of Philosophy  
in this University, he/she having been declared to  
be qualified to receive the same in 2008 in  
Commerce And Management Studies*

*Given under the Seal of the University*



NAGARJUNA NAGAR  
522 510

*[Signature]*  
PRINCIPAL  
NARASARAOPEENGA ENGINEERING COLLEGE  
(Autonomous)  
NARASARAOPEENGA - 522 601  
Guntur (Dist.) A.P.



Disposal No.

T.U./4557/2019, Date 29/09/2020

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

# ANDHRA UNIVERSITY

Serial No.

556



## PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. / Kum. PATTABHIRAM PATHALAM  
has qualified himself/herself for the Award of Doctor of Philosophy Degree by

Research for the Thesis submitted by him / her entitled CUSTOMERS'  
PERCEPTION ON RETAIL BANKING SERVICES  
(A COMPARATIVE STUDY OF CUSTOMERS AT  
SBI AND ICICI BANKS IN GUNTUR DISTRICT,  
A.P.)"

and that he / she has done all that is necessary for the formal presentation for the Degree of  
Doctor of Philosophy in COMMERCE AND MANAGEMENT STUDIES  
in the year 2020.

VISAKHAPATNAM

Dt. 13/10/2020

Initials of the

Prepared : MS

Clerk who

Examined : Abg

M. Hemadik  
DEPUTY REGISTRAR (ACADEMIC)



UW  
PRINCIPAL  
NARASARAOPEETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPEETA - 522 601  
Guntur (Dist.), A.P.



# Dinayaka Missions University



## FACULTY OF MANAGEMENT

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

**Anil Kumar Kanamankapudi**

has been admitted to the Degree of

**Doctor of Philosophy in Management**

having been certified by the duly appointed Examiners to have qualified to receive the same in the year **2014** for the thesis entitled

**Effectiveness of Hrd Climate in Commercial Bank of Ethiopia with Special Reference to Dire Dawa District, Ethiopia.**

Given under the seal of the University



COE

Reg. No: 0046100005

Salem, In

Registrar

Vice-Chancellor



PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPET - 522 601  
Gumur (Dist.), A.P.



Disposal No. 000218

Register No.  
PP.MAN.0414

# RAYALASEEMA UNIVERSITY KURNOOL



## PROVISIONAL CERTIFICATE

This is to Certify that Mr. / Ms. **SIVA REDDY YERRAM REDDY**  
has qualified himself / herself for the award of the **Degree of Doctor of**

**Philosophy in** *MANAGEMENT*

with effect from 01-12-2018

on the basis of the adjudication reports of the examiners and on his / her  
satisfying other conditions for the award of the degree.

**Entitled** A STUDY ON MARKETING OF INSURANCE PRODUCTS -  
PERCEPTION OF CUSTOMERS (WITH REFERENCE TO LIC IN  
GUNTUR DISTRICT)

Kurnool  
Andhra Pradesh, India.

Date : 29-12-2018

Written by



Compared by :

Supdt.

Signature of the supervisor

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)

NARASARAOPETA - 522 601

CONGULITY OF STATE





**ACHARYA NAGARJUNA UNIVERSITY**  
అచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF COMMERCE & MANAGEMENT STUDIES**

*This is to certify that*

Mr./Ms. ANKIREDDY YENIREDDY

S/o NARASA REDDY

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

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

*receive the same with effect from* 11 December 2019

*in the Department of* HUMAN RESOURCE MANAGEMENT

*Title of the Thesis :* **IMPACT OF EMPLOYEE PERFORMANCE ON EFFECTIVE SERVICES OF TELECOM SECTOR (WITH SPECIAL REFERENCE TO BSNL, GUNTUR)**

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Nagarjuna Nagar-522 510.  
A.P, India

Date 13 DEC 2019



# GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



**GITAM**  
**DEEMED UNIVERSITY**  
(Estd. u/s 3 of the UGC Act, 1956)

## FACULTY OF ENGINEERING

This is to certify that

*Nageswara Rao Kapu*

has been duly admitted to the

*Degree of Doctor of Philosophy*

in

*Computer Science and Engineering*

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

to receive the same in *October, 2014*



Given under the seal of the University

*[Signature]*  
PRINCIPAL  
NARASARAOPETA ENGINEERING COLLEGE  
(AUTONOMOUS)  
NARASARAOPETA - 522 601  
Guntur (Dist.), A.P.

Visakhapatnam

19th September, 2015



*[Signature]*  
Vice-Chancellor