



Reg. No.:2002159713/RG

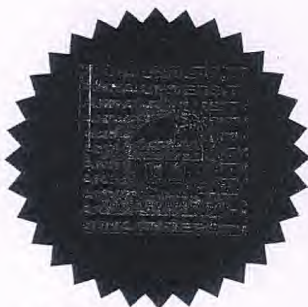


*The Syndicate of the Anna University Chennai hereby makes known that*  
**SOWMEYAN R** *has been admitted to the* **DEGREE OF DOCTOR OF**  
**PHILOSOPHY** *under the* **Faculty of Civil Engineering**, *having been certified*  
*by the duly appointed examiners to be qualified to receive the same in the year* **2009**.

*Title of the thesis:*

**PERFORMANCE EVALUATION OF INVERSE ANAEROBIC FLUIDIZED  
BED REACTOR IN TREATING HIGH STRENGTH ORGANIC  
WASTEWATER**

*Given under the Seal of the University*



Chennai 600 025  
India  
February 2010  
CAR011004

*V. Ramesh*  
Controller of Examinations

*Shanmugavel*  
Registrar

*Shanmugavel*  
Vice-Chancellor

BYE011004/2008/02/01/0001

CC345018

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



*Mr. Gunupudi Radhakrishnan*

*S/o. Venkateswara Rao*

*having fulfilled the academic requirements in July 2020*

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

*Doctor of Philosophy*

( CIVIL ENGINEERING )

Topic: Improvement of Performance of Flexible Pavement Resting on  
Expansive Soil Subgrades Using Flyash and Industrial Chemicals

Given under the Seal of the University



HTNo : 10022P0114

Date: 09-03-2022



WM  
VICE CHANCELLOR

CC000179



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA



KAKINADA - 533 003, ANDHRA PRADESH, INDIA

*Mr. Rambabu Chunduri*

*S/o Sarveswararao*

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

*Doctor of Philosophy*

*( Electrical & Electronics Engineering )*

**Topic :** New Hybrid Optimization Algorithms For Optimal Power Flow And Power System Security Enhancement.

Given under the Seal of the University

HTNo : 0803PH0755

Date : 16 November, 2015

VICE-CHANCELLOR

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

RF 454123

27201309070



440201242328

*Mr. Pokanati V V Rama Rao*

*S/o Mr. Bullebbai*

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

*Doctor of Philosophy*

*Electrical And Electronics Engineering*

Topic: 'Certain Optimization Aspects of Radial Distribution Systems Using Plant Growth Simulation Algorithm.'

Given under the Seal of the University

H.T.No:0703PH0749

Date: 09-11-2013

DIRECTOR OF EVALUATION

REGISTRAR

VICE-CHANCELLOR



16633

MSH No. P16022

# National Institute of Technology Warangal



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



## **Doctor of Philosophy**

*on*

**Ms. Sudha Rani Donepudi**

(Roll No: 701056 )

*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 : Multi-Objective approaches for Optimal Distribution Network Reconfiguration, Capacitor and  
DG Placement*



*C. Suresh*  
CHAIRMAN  
SENATE & BOARD OF GOVERNORS



छत्तीसगढ़, भारत  
CHHATTISGARH, INDIA

राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर, अभिषद की अनुशंसा पर विद्या वाचस्पति की उपाधि एतद् द्वारा अनिलकुमार चप्पा को प्रदान करता है।



**शोध प्रबंध शीर्षक :** डेवलपमेंट ऑफ़ लो कॉस्ट सिंगल फेज फाल्ट टोलेरंट मल्टीलेवल इन्वर्टर टोपोलॉजी

**विषय :** इलेक्ट्रिकल इंजीनियरिंग

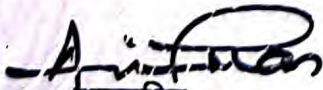
भारतीय गणराज्य के अंतर्गत रायपुर में, दिनांक 1 दिसंबर, 2021 को संस्थान की मुद्रांकित यह उपाधि दी गई ।

National Institute of Technology Raipur upon the recommendation of the Senate hereby confers the degree of **Doctor of Philosophy on Anilkumar Chappa**

**Title of Research :** Development of Low Cost Single- Phase Fault Tolerant Multilevel Inverter Topology

**Discipline :** Electrical Engineering

Given this day, the 1st December 2021, under the seal of the Institute at Raipur in the Republic of India.

  
कुलसचिव  
Registrar

  
निदेशक एवं अध्यक्ष, अभिषद  
Director &  
Chairperson, Senate  
रायपुर, 01 दिसंबर 2021  
Raipur, 01 December 2021

  
अध्यक्ष, शासी निकाय  
Chairman  
Board of Governors



# SIKSHA 'O' ANUSANDHAN

(DEEMED TO BE UNIVERSITY)  
Re-Accredited by NAAC with 'A' Grade  
BHUBANESWAR, ODISHA



## PROVISIONAL CERTIFICATE

**ELURI NAGA VENKATA DURGA VARA PRASAD**

Registration No :1881001039

has completed all the prescribed requirements and  
possesses the proficiency for the award of the degree of

### Doctor of Philosophy

having successfully defended the thesis entitled  
"Application of Advanced Signal Processing Techniques for the  
Analysis of DC Microgrid System Uncertainties"

for the research conducted under the  
**Department of Electrical Engineering**  
**Faculty of Engineering and Technology**  
(Institute of Technical Education and Research)

in the year 2022



Date: 07 JUN 2022

  
CONTROLLER OF EXAMINATIONS

राष्ट्रीय प्रौद्योगिकी संस्थान आंध्रप्रदेश  
NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH  
Tadepalligudem, Andhra Pradesh, India.

SI.No.: 2023-PHD006



The Board of Governors of the  
National Institute of Technology Andhra Pradesh  
upon recommendation of the Senate hereby confers  
the degree of

**Doctor of Philosophy**

on

**SATYAVENKATAKISHORE P**

( Roll No: PF051901 )


who has fulfilled the requirements as prescribed  
under the regulations and has successfully defended  
the thesis in **May 2023** titled


**"Design of Switched Capacitor based Single Phase Multilevel Inverters for  
Renewable Energy Conversion System"**

Given under the seal of the Institute  
on the Thirteenth day of August, 2023



  
कुलसचिव  
REGISTRAR

  
अध्यक्ष, अभिषेद  
CHAIRMAN, SENATE

  
अध्यक्ष, शमसी मंडल  
CHAIRPERSON, BOARD OF GOVERNORS



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

RF 302831

12779444505



420001024563

*Mr. Guduru V N S R Ratnakara Rao*

*S/o Mr. Balarama Rao*

having fulfilled the academic requirements in *July - 2010*  
has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Mechanical Engineering*

Topic: 'Experimental Investigations on 4 - Stroke C.I Engine with Mahaa Oil'

Given under the Seal of the University

H.T.No:421524ME/PH

Date: 28-04-2011

DIRECTOR OF EVALUATION

REGISTRAR

VICE - CHANCELLOR





**St. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
(Declared under Section 3 of the UGC Act, 1956)



*The Board of Management of the  
St. Peter's University hereby makes known that*

**VENKATA RAMESH MAMILLA**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*

**MECHANICAL ENGINEERING**

*he having been certified by duly appointed examiners*

*to be qualified to receive the same*

*at the VIVA-VOCE examination held in APRIL 2014.*



*Given under the seal of the University*

Date : 01-02-2015

Avadi, Chennai-600 054  
Tamilnadu, India

*MS*  
Registrar

*P. S. K*  
Vice-Chancellor

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CC 005768



H.T.No:0900PH0326

Aadhar No: 972945916549



*K Ramesh Reddy*

*No. K Munikrishn A Reddy*

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

*Doctor of Philosophy*  
(Mechanical Engineering)

for the Thesis entitled,  
"EVALUATING THE BULLWHIP EFFECT OF SUPPLY CHAIN UNDER UNCERTAINTY  
ENVIRONMENT BY USING SIMULATION TECHNIQUES"

Date of Viva Voce : 28.07.2017

Monday, 19 February, 2018.

Given under the Seal of the University



*[Signature]*  
DIRECTOR OF EVALUATION

*[Signature]*  
REGISTRAR

*[Signature]*  
VICE CHANCELLOR



# GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



**GITAM**  
**(DEEMED TO BE UNIVERSITY)**

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

## SCHOOL OF TECHNOLOGY

This is to certify that

**Dorathi Kare**

has been duly admitted to the degree

of

**Doctor of Philosophy**

in

**Mechanical Engineering**

of this University, he/she having been declared as Qualified

to receive the degree in **May, 2022**

Given under the seal of GITAM

Visakhapatnam

16th July, 2022



Vice Chancellor

Roll No.: ME18D1005



## NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY

**Karaikal, India**

On the recommendation of Senate hereby confers the degree of

**Doctor of Philosophy**

on

**SUBBARAMA KOUSIK SURAPARAJU**

for having successfully completed the prescribed programme of study in **March 2022** and presenting the thesis entitled

**Experimental Investigation on Single Slope Solar Still for Augmenting Freshwater Productivity**

given this day, the **19<sup>th</sup> of May 2022** under the seal of the Institute.

  
**Registrar**

  
**Director  
and Chairperson Senate**

  
**Chairperson  
Board of Governors**



# Indian Institute of Technology Kharagpur

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

Doctor of Philosophy

in

ENGINEERING

*Jediquanta Trihari Rao*

on

GIVEN this day under the seal of the Institute at Kharagpur in the Republic of India

The 14th April, 1981

Title of thesis *Studies on the Field Distribution in  
Striplines and Stripline Fed Slot  
Radiators*

Registered in *Electronics & Electrical Communication Engineering*

*S. Lal*

Director

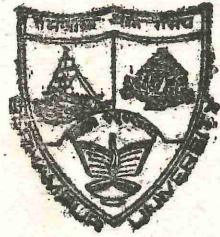
*P. S. S.*

Registrar

*M. S. Sen*  
Chairman

Board of Governors

# Berhampur University



## DOCTOR OF PHILOSOPHY

This is to certify that

*Emandi Kusuma Kumari*

*having passed the examination*

*for the degree of*

## DOCTOR OF PHILOSOPHY

*in faculty of Science (Electronic Science)*

*on the thesis "Study and Development*

*of Knowledge based Soft*

*Computing Techniques for*

*Wireless Applications"*

*held in the month of December, 2012*

*was this day admitted to the degree.*

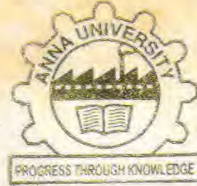
BERHAMPUR UNIVERSITY, BHANJA BIHAR,  
BERHAMPUR-760 007.

Dated the 18 MAY 2013

*[Signature]*  
Vice-Chancellor

DA  
SO  
13-5-13

# Anna University



Reg.No. 2007469151/RG

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

*Title of the Thesis:*

**VIDEO CODING TECHNIQUES USING DUALTREE DISCRETE WAVELET TRANSFORM AND PARTICLE SWARM OPTIMIZATION**



*Given under the Seal of the University*

Chennai 600 025  
India  
November 2014  
KAR04176

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor  
REGISTRATION NO. 36B02187C366C71



# Anna University



Reg.No. 20084012010/RG

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

*Title of the Thesis:*

**DESIGN AND IMPLEMENTATION OF WIDEBAND AND DUAL FREQUENCY MICROSTRIP ANTENNAS FOR RF APPLICATIONS**



*Given under the Seal of the University*

# Indian Institute of Science

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

**R KRISHNAMURTHY**

THE DEGREE OF

*Doctor of Philosophy*

AWARDED AT BANGALORE ON THE 19<sup>TH</sup> OF SEPTEMBER, 2015.

*Arun Kumar*

DIRECTOR



*P. Rama Rao*

CHAIRPERSON, COUNCIL

उपाधि क्रमांक/Degree Serial No.  
155849

नामांकन संख्या/Enrollment No.  
09001002001

अनुक्रमांक संख्या/Roll No.



विद्या वाचस्पति

प्रमाणित किया जाता है कि  
पूर्णमा के.

को विश्वविद्यालय द्वारा वर्ष २०१५ में  
इलेक्ट्रॉनिक्स एण्ड कम्यूनिकेशन इंजीनियरिंग

विषय पर

विद्या वाचस्पति

की उपाधि प्रदत्त की गई।

**DOCTOR OF PHILOSOPHY**

*This is to certify that*

**PURNIMA K.**

*has been conferred the Degree of*

**DOCTOR OF PHILOSOPHY**

*of the University in*

**ELECTRONICS & COMMUNICATION ENGINEERING**

*the year 2015*

शीर्षक/ Title : "Analysis and Development of Field Propagation Model for Wireless Networks in  
Urban Areas"

उत्तराखण्ड तकनीकी विश्वविद्यालय

देहरादून (उत्तराखण्ड), भारत

Uttarakhand Technical University

Dehradun (Uttarakhand), INDIA

दिनांक/Dated :

DATE OF ISSUE 05 - NOV 2016

*P. I. Singh*

कुलपति

Vice Chancellor



**ACHARYA NAGARJUNA UNIVERSITY**  
ఆచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF ENGINEERING**

*This is to certify that*

Mr./Ms. Yedukondalu Udara

S/O Hanumaiah

*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* 05 May 2017

*in the Department of* Electronics and Communication Engineering

*Title of the Thesis :*

**DESIGN AND IMPLEMENTATION OF EFFICIENT LOW POWER AND COMPACT CODEC SYSTEM FOR PORTABLE DEVICES**

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

*Given under the Seal of the University*

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

Date: 12 JUN 2017



*Vice-Chancellor*

CC344381

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



Aadhaar No :660399784876

*Mr. Maram Koteswararao*

*S/o. Naganna*

*having fulfilled the academic requirements in December 2018  
has this day been admitted by the executive council to the degree of*

*Doctor of Philosophy*

( ELECTRONICS & COMMUNICATION ENGINEERING )

**Topic: Speech Enhancement through Shadow Filter based Adaptive  
Algorithms**

Given under the Seal of the University



HTNo : 10022P0475

Date: 17-08-2019



*M. [Signature]*  
**VICE CHANCELLOR**



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



**S V V SATYANARAYANA**

the degree of

**DOCTOR OF PHILOSOPHY**

in recognition of the research work entitled

**DESIGN AND ANALYSIS OF LOW POWER CONTENT ADDRESSABLE MEMORY CIRCUITS  
AND ARCHITECTURES WITH DIFFERENT LOGICS AND TECHNOLOGIES**

for having fulfilled the prescribed requirements.

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



given this day the 29 October 2020



Given under the seal of this university

*R B Keddali*  
Vice - Chancellor

*[Signature]*  
Chancellor



**ACHARYA NAGARJUNA UNIVERSITY**  
అచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF ENGINEERING**

*This is to certify that*

Mr./Ms. Satish Kumar Maragani

S/O Lakshmi Prasad

*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* 12 April 2021

*in the Department of* Electronics and Communication Engineering

*Title of the Thesis :* **Electromagnetic Interference and Electromagnetic Compatibility in System Design**

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

*Given under the Seal of the University*



Vice-Chancellor

Nagarjuna Nagar-522 510,  
A.P, India

Date: **20 AUG 2022**



**KONERU LAKSHMAIAH EDUCATION FOUNDATION**  
(Deemed to be University)

Estd. u/s. 3 of the UGC Act, 1956.  
NAAC Accredited "A++" Grade



Aadhaar/Passport/Citizenship : 3259 5599 7196

SI.No. : 124500

Regd No. : 173040066

Faculty of Electronics and Communication Engineering  
By the authority of Board of Management

This is to certify that  
*Puli Ashok Kumar*

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 Eighteenth September Two Thousand and Twenty One

**Thesis Title:** Design, Modelling, Fabrication and Characterization of RF Mems Switch Integrated with Micropatch Antenna for Frequency Reconfigurable Millimeter Wave Applications



*G.R.V.*

Vice - Chancellor





Serial No.: 3210177

# HIMALAYAN UNIVERSITY

(Established under Section 2(f) of UGC Act 1956)

Itanagar, Arunachal Pradesh

## Provisional Degree

The University Hereby Confers Doctor of Philosophy in the Field of Electronics & Communication Engineering of The

Faculty of Engineering & Applied Science

Named : T D N S S Sarveswara Rao

Bearing Registration No 5028104012170004

Under the Thesis Title "A CRITICAL STUDY ON BANDWIDTH OPTIMIZATION AND WAVELENGTH DIVISION MULTIPLEXING OF PLASTIC OPTICAL FIBER IN LANS "

..... who has successfully Completed the Requirements Prescribed by the University for the award of this Provisional Degree in the Year December 2021 [as per the UGC (minimum standards and procedure for award of M.Phil/Ph.D Degree regulation, 2016)]

Date : 2022-01-05

**Controller of Examination**



CC345290

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



*Ms. VNL Aswini Thota*

*D/o. V Subba Rao*

*having fulfilled the academic requirements in September 2022  
has this day been admitted by the executive council to the degree of*

*Doctor of Philosophy*

( ELECTRONICS & COMMUNICATION ENGINEERING )

Topic: Sub-Nyquist Wideband Spectrum Sensing For Wireless Applications

Given under the Seal of the University



HTNo : 15022P0444

Date: 31-05-2023



*Wm*  
VICE-CHANCELLOR



ANDHRA UNIVERSITY

092133

ఆంధ్ర విశ్వకళా పరిషత్

Accredited by NAAC with 'A' Grade ISO 9001 : 2015 Certified

PROVISIONAL CERTIFICATE


DISPOSAL NO. T(2)/9641/2022/F.T.


REGISTER NUMBER: -----

*This is to Certify that Sri / Smt./ Kum. **ASHOKKUMAR BATHULA** has Qualified himself/herself for the Award of **Doctor of Philosophy** Degree by research for the Thesis submitted by him / her entitled **INVESTIGATIONS ON PRINTED ANTENNA ARRAYS USING ADVANCED FEEDING TECHNIQUES FOR WIRELESS APPLICATIONS** and that he/she has fulfilled all that are necessary for the formal presentation of the Degree of Doctor of Philosophy in **ELECTRONICS & COMMUNICATION ENGINEERING** in the year 2023.*

COPY

COPY

Read : 

Examined : 

Visakhapatnam

Date : 01-04-2023



  
Additional Controller of Examinations

ANDHRA UNIVERSITY  
ఆంధ్ర విశ్వకళాపరిషత్



FACULTY OF ENGINEERING

*This is to certify that*

**Jaya Kumari Damarla**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in* **Computer Science and Systems Engineering**

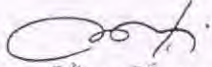
*in this University, he/she having been declared to be*

*qualified to receive the same in* **2016**.

*Given under the Seal of the University*

Visakhapatnam, A.P., India.

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

  
Vice-Chancellor

A 52002

Regd. No. : 1260312453

Aadhar No.: 220334233890



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

**Mr. V Venkateswara Rao**

has been duly admitted to the

**Degree of Doctor of Philosophy**

in

**Computer Science & Engineering**

in this University, he/she having been declared to have passed  
the examination prescribed therefor held in **October, 2017**

Given under the seal of the University

Visakhapatnam

07th November, 2017



  
Vice Chancellor

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1437915



H.T No.: 1103PH06A56

*Ms. Guniseti Loshma Balabhaskararao*

*D/o. G B Bhaskara Rao*

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

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: "Effective Document Clustering Techniques Using Semantic Analysis".

Given under the Seal of the University

Date: 16-10-2020



*Heprao*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

VICE CHANCELLOR



49114161725

PC No  
319001439



# KONERU LAKSHMAIAH EDUCATION FOUNDATION

(Deemed to be University)

Estd. u/s. 3 of the UGC Act, 1956  
NAAC Accredited "A++" Grade



Aadhaar/Passport/Citizenship : 9638 2661 9581

Sl.No : 129606

Regd No : 11303103R

By the authority of Board of Management

This is to certify that

*Rajaramesh Chundru*

has been duly conferred the degree of

*Doctor of Philosophy in Faculty of Engineering (Computer Science and Engineering)*

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

Given under the seal of the University this day of eleventh July Two Thousand and Twenty Two

Thesis Title: PERFORMANCE OPTIMIZATION OF UNSUPERVISED LEARNING WITH DISTRIBUTED FEATURE SELECTION AND CLUSTERING



CRS1-1

Vice - Chancellor

CC344023

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



Aadhar No : 615688003133

*Mr. Srinivasa Naresht V*

*S/o. B Suryanarayana*

*having fulfilled the academic requirements in December 2016  
has this day been admitted by the executive council to the degree of*

*Doctor of Philosophy*

( Computer Science & Engineering)

Topic: Provably Secure Group Key Agreement Protocol Using Elliptic  
Curve Diffie- Hellman

Given under the Seal of the University



HTNo : 12022P0501

Date: 23-01-2018



*[Handwritten signature]*



# Anna University



Reg No: 71060622021/B.G

The Syndicate of the Anna University hereby makes known that **MALARVIZHI S P** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2016**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**RECENT AND FREQUENT INFORMATIVE PAGESETS FROM WEB LOGS BY WEIGHTED ASSOCIATION RULE MINING**


Given under the Seal of the University



Chennai 600 025  
India  
May 2017

  
Controller of Examinations

  
Registrar

  
Chairman, Convener Committee  
Vice-Chancellor



*hereby confers the degree of*  
*Doctor of Philosophy*  
*of the institute*  
*on*

**VEERARAGHAVAN J**

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

**A STUDY ON THE FACTORS INFLUENCING INFORMATION SYSTEMS  
SUCCESS IN THE CONTEXT OF INTERNET BANKING**

*at the viva-voce examination held on Eleventh April 2017*

*Given this day the twelfth of August, 2017*  
*Under the seal of the Institute*



TIRUCHIRAPPALLI - 620 015, INDIA



*[Signature]*  
Registrar

*[Signature]*  
Director & Chairperson,  
Board of Governors

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1291151



H.T No. : 1103PH06A55

*Ms. Shirinlhanu Koduri*

*D/o. Ramarao*

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

*Doctor of Philosophy*  
*Computer Science And Engineering*

Topic: "Service Discovery & Advertisement Protocol in Cluster Based Mobile Ad hoc Network".

Given under the Seal of the University

Date: 09-05-2018



*Upparamb*  
DIRECTOR OF EVALUATION

*Ardarav*  
REGISTRAR

*Allexand*  
VICE CHANCELLOR



4711410244

PC No  
31700300



Lingaya's Vidyapeeth, Faridabad  
(Formerly Lingaya's University)  
(Deemed to be University, Approved u/s 3 of UGC Act, 1956)



Roll No.13PHCS001

**Certified that**

*The Chancellor, Vice Chancellor and Members of Board of Management*

*hereby confer the Degree of*

*Doctor of Philosophy*

*in*

*Computer Science & Engineering*

*(School of Engineering and Technology)*

*on*

*Ogirala Sri Nagesh*

*(S/o Sh. Bhaskara Rao)*

*having fulfilled the prescribed UGC (minimum standards and*

*procedure for award of Ph. D Degree) Regulations, 2016*

*in August, 2019. The title of Thesis is*

*"Public Auditing Technique for Securing Privacy in Cloud Storage Using  
Modified Elliptic Curve Diffie-Hellmann Algorithm"*

*Given this day, the 4<sup>th</sup> October, 2019 under the seal of  
Lingaya's Vidyapeeth, Faridabad (Haryana) in the Republic of India.*

*[Signature]*  
Registrar

*[Signature]*  
Vice Chancellor



*[Signature]*  
Chancellor



A 2112543

Regd. No. : 1260312436



GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



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

## FACULTY OF ENGINEERING

This is to certify that

**Pydipala Laxmi Kanth**

has been duly admitted to the degree

of

**Doctor of Philosophy**

in

**Computer Science and Engineering**

of this University, he/she having been declared as Qualified

to receive the degree in **June, 2021**

Given under the seal of GITAM



Visakhapatnam

20th August, 2021

*Q. S. Renuka*  
Vice Chancellor



ACHARYA NAGARJUNA UNIVERSITY  
అచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF PHYSICAL SCIENCES

*This is to certify that*

Mr./Ms. K.Srinivasarao

S/O Sarabandiraju

*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* 06 May 2022

*in the Department of* STATISTICS

*Title of the Thesis :* **On Different Estimation Methods of Parameters for PERT Distribution**

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

*Given under the Seal of the University*

Nagarjuna Nagar-522 510.  
A.P, India



*[Signature]*  
Vice-Chancellor

Date: **25 JUL 2022**

Sl.No. 000856

Regd.No.10152017

Adikavi Nannaya University, Rajamahendrabaram  
ఆదికవి నన్నయ విశ్వవిద్యాలయం



**FACULTY OF SCIENCE**

*This is to certify that*

*Namburi NV Sakuntala*

*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 May, 2019*

**Given under the seal of the University**



**Rajamahendrabaram**

**The 24th January, 2020**

*M. J. J. J.*  
**Vice - Chancellor**



**ACHARYA NAGARJUNA UNIVERSITY**  
**ఆచార్య నాగార్జున విశ్వవిద్యాలయము**



**FACULTY OF NATURAL SCIENCES**

*This is to certify that*

Mr./Ms. Harika D

D/O Krupa 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* 27 February 2016

*in the Department of* Environmental Sciences

*Title of the Thesis :*

**ECOLOGICAL STUDIES FOR SUSTAINABLE BIODIESEL PLANTATIONS (JATROPHA CURCAS L.) WITH SPECIAL EMPHASIS ON ENVIRONMENTAL CONSIDERATIONS IN KRISHNA DISTRICT, A.P.**

*Given under the Seal of the University*

Nagarjuna Nagar-522 510.

A.P, India

Date : **16 MAY 2018**



**Vice-Chancellor**



# ANDHRA UNIVERSITY



## FACULTY OF ARTS

*This is to certify that*

*Nalluri Vijaya Hanumantha Rao*

*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 2007.*

*Given under the Seal of the University*

VISAKHAPATNAM  
*The 18<sup>th</sup> December 2008.*

*K. S. Jayaram*  
18.12.08  
Vice-Chancellor  
*K*

# ACHARYA NAGARJUNA UNIVERSITY



Sl.No. 000074

Ref. No. ANU/RC/Ph.D./Eng./  
PS/2263/Jan. 2018

## PROVISIONAL CERTIFICATE

*This is to Certify that*

Sri/Smt./Kum. **Sivanjaneyulu Pagolu**

S/o. / D/o. **Narayana**

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

Thesis submitted by him/her entitled **Re-discovering Multiple Inner**

**Voices and the Interstices of Narrative in Toni Morrison's Fiction -**

**A Select Study**

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

Doctor of Philosophy in **English**

in the Faculty of **HUMANITIES**

with effect from **10-09-2018**

Nagarjuna Nagar

Dated **15-09-2018**

Initials of the  
Clerk who

Prepared : *[Signature]*  
Examined : *[Signature]*

*[Signature]*  
CO-ORDINATOR  
Research Cell

Regd. No. ANU/RC/Ph.D/English/TS/1555

00122

ACHARYA NAGARJUNA UNIVERSITY  
ఆచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF HUMANITIES

*This is to certify that*

Mr./Ms. Sujani Ganta

B/o G. Mallikarjuna Rao

*has been duly admitted to the*

*Degree of Doctor of Philosophy*

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

*be qualified to receive the same in* 2016

*in* English

*Given under the Seal of the University*

Nagarjuna Nagar-522 510.  
A.P. India



Vice-Chancellor

Date: 25 APR 2016



ACHARYA NAGARJUNA UNIVERSITY  
అచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF HUMANITIES

*This is to certify that*

Mr./Ms. Khandapu Venkata Rao

S/O K. Suryanarayana Naidu

*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* 30 January 2019

*in the Department of* ENGLISH

*Title of the Thesis :*

**Articulating Indian Parsee Diaspora: A Polemical Study of Rohinton Mistry's Fiction**

*Given under the Seal of the University*



Nagarjuna Nagar-522 510

A. P. India

Date **31 DEC 2020**

*[Signature]*  
Vice-Chancellor



**ANDHRA UNIVERSITY**  
ఆంధ్ర విశ్వకళాపరిషత్



**FACULTY OF ARTS**

*This is to certify that*

**BONTU ANANDARAO**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in* **ENGLISH**

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

*qualified to receive the same in* **2022**

*Given under the Seal of the University*

Visakhapatnam, A.P., India.



*[Signature]*  
Vice-Chancellor

Date : **08<sup>th</sup> June 2023**



**FACULTY OF SCIENCE**

*This is to certify that*

**Jagadeesh Kantamsetti**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

**Physics**

*in*

*this University, his/her having been declared to be*

*qualified to receive the same in* **2016**

*Given under the Seal of the University*

Visakhapatnam, A.P., India.

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

  
Vice-Chancellor

Sl. No. PT 006985



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ ఆర్ట్స్  
Faculty of Arts

గుర్రం చంద్రశేఖర మధుసూధన రావు

నారాయణ రావు గారి కుమారుడు కు

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

డాక్టర్ ఆఫ్ ఫిలాసఫీ

పట్టా ప్రదానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

*This is to certify that*

*Gurram Chandrasekhara Madhusudhana Rao*

*Son of Narayana 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 : LIBRARY AND INFORMATION SCIENCE

SUBJECT OF THE THESIS : "Use and Application of Information and  
Communication Technology in The Libraries  
of Central Universities in Hyderabad City"

YEAR : 2016

విశ్వవిద్యాలయ అధికార ముద్రలో జారీ చేయడమైంది.

*Given under the Seal of the University*

తిరుపతి / Tirupati

తేదీ / Date 21<sup>st</sup> October, 2018



ఉపకులపతి  
Vice - Chancellor

# ANDHRA UNIVERSITY



## FACULTY OF COMMERCE AND MANAGEMENT STUDIES

*This is to certify that*

Gottumukkala Venkata Subba Raju

*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 2007.*

*Given under the Seal of the University*

VISAKHAPATNAM  
16th January, 2008

*A. Vengopet B.*  
Vice-Chancellor  
*[Signature]*



Sl. No. PT 003777



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ మేనేజ్మెంట్ స్టడీస్  
Faculty of Management Studies

యన్ క్రీష్ణమూర్తి నాయుడు

ఎ సుబ్బయ్య గారి కుమారుడు కు

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

డాక్టర్ ఆఫ్ ఫిలాసఫీ

పట్టా ప్రదానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

*This is to certify that*

*S Krishnamurthy Naidu*

*Son of A Subbaiah*

*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 : **MANAGEMENT STUDIES**  
SUBJECT OF THE THESIS : "A Study of Organizational Culture in select  
Health Organizations"  
YEAR : **2013**

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



ఉపకులపతి  
Vice - Chancellor

తిరుపతి / Tirupati

తేదీ / Date : **11 9 SEP 2013**



510

**ANDHRA UNIVERSITY**  
**ఆంధ్ర విశ్వకళాపరిషత్**



**FACULTY OF COMMERCE and  
MANAGEMENT STUDIES**

*This is to certify that*

**R. S. R. K. K. Kumar**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in* **Commerce and Management Studies**

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

*qualified to receive the same in* **2012**

*Given under the Seal of the University*

*Visakhapatnam, A.P., India.*

*Date:* **10<sup>th</sup> February, 2014**

  
*Vice-Chancellor*

# Sambalpur University

(Accredited with Grade "A" by NAAC)

ସମ୍ବଲପୁର ବିଶ୍ୱବିଦ୍ୟାଳୟ



## DOCTOR OF PHILOSOPHY

This is to Certify that

**Satya Venkata Rama Swathi Rampalli**

*having passed the examination for the degree of*

## Doctor of Philosophy

*in Management, under the Faculty of Business Studies and Management held in the month of April, 2018, was this day admitted to the degree.*

JYOTI VIHAR, BURLA  
ODISHA, INDIA

The 5th January, 2019

Vice-Chancellor



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

This is to certify that

*Shri. Rambabu Kalneedi*

having been found to be duly qualified on  
examination of the thesis on

*A Study Of Corporate Governance Practices  
In Software Industry*

*(With Special Reference To Andhra Pradesh)*

was admitted to the degree of  
Doctor of Philosophy in the subject Business Management  
the faculty of Commerce in this University in the year 2017



**ACHARYA NAGARJUNA UNIVERSITY**  
ఆచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF COMMERCE & MANAGEMENT STUDIES**

*This is to certify that*

Mr./Ms. Pulla Rao Kota

S/O Srirama Chandra Murthy

*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 January 2018

*in the Department of* Commerce & Business Administration

*Title of the Thesis :*

**A Study on Teachers' Mobility and its impact on Management Education (A Case Study on Guntur and Krishna Districts of Andhra Pradesh)**

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

*Given under the Seal of the University*

Nagarjuna Nagar-522 510.  
A.P, India

Date : 14 SEP 2023



Vice-Chancellor