TOWN UNIVERS

### FACULTY OF SCIENCE

This is to certify that

Gopinathan Sudheer

has been duly admitted to the

Degree of Bottor of Philosophy

in this University, he having been declared to be qualified to receive the same in 2006.

Green under the Seal of the Honorsity

VISAKHAPATNAM 6th November, 2006

#### ANDHRA UNIVERSITY

Tel. No.: 0091-891-2844000 Fax. No.: 0091-891-2525611 / 2755324 ensi: deanacademic\_au@yahoo.com



All official letters, packages, etc., should be addressed to the Dean by designation and not by the name

#### NOTIFICATION

AWARD OF RESEARCH DEGREE IN APPLIED MATHEMATICS

It is hereby notified that the Vice-Chancellor having considered the reports of the

- 01. PROF. MICHAEL GILCHRIST, SCHOOL OF ELECTRICAL, ELECTRONICS & MECHANICAL ENGINEERING, UNIVERSITY COLLEGE, DUBLIN, BELFIELD,
- PROF. A. CHATTOPADHYAY, HEAD, PROFESSOR OF MATHEMATICS; DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, INDIAN SCHOOL
- DR. B.S.S.CHANDRAN, SCIENTSIT 'G', ASSOCIATE TECHNICAL DIRECTOR, DOP., DRDL, KANCHANBAGH POST, HYDERABAD - 500 058
- appointed to adjudicate and report on the thesis entitled "APPLICATION OF THE THEORY OF LINEAR ELASTIC MATERIALS WITH VOIDS TO ULTRASONIC NOT OF INTERFACES OF BILAMINATES" and also on the recommendation of the following examiners who conducted the Viva-Voce William Strain Strains PROF. S. NANA RAO
  PROF. K. BHASKARA RAO
  D.C MEMBER & CHAIRMAN BOARD PROF. S. NANA RAO
- 02.

IN LIVE WAS TRANSPORTED TO

03.

- HEAD OF THE DEPARTMENT

PROF. CH. SURYANARAYANA
PROF. Y, VASUDEVA RAO
RESEARCH DIRECTOR & CONVENER is pleased to order that SRI GOPINATHAN SUDHEER be declared qualified for the Degree of Doctor of Philosophy (Ph.D.) in APPLIED MATHEMATICS Date of submission of thesis: 12-07-2005

Central Administrative Office,
Vicalibanatnam
(N. SATYANARAYANA)

DEPUTY REGISTRAR (ACADEMIC)

Cope to the new for the controllers, against givening ... And smouth while white and the aut on 1992 

· Capy to the Countries of Department of James and the University

## University of Bombap



Nº 392

#### I CERTIFY THAT

Kao Madala R.	K. Krish	na
presented in the month of N	ovember	_1993, a Thesis in
Computer Science	و	for the Degree of
DOCTOR OF PHILOSO	PHY (Sc	ience )
and that his/her Thesis has b	een accepted,	on the recommenda-
ion of the referees, as qualify	ing him/her fo	r the said Degree.
		100
ombay, 1 9 MAY 1995		troller of Examination for Registrose
59	ma Nit	





## National Institute of Technology Rourkela

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

Doctor of Philosophy

011

Tusar Kanti Mishra

who has successfully defended the thesis entitled "Development of Features for Recognition of Handwritten Odia Characters"

and has fulfilled all other requirements for the degree in the Department of Gomputer Science & Engineering.

Given this day, under the seal of the Institute at Rourkela in the Republic of India, the 16th Day of January 2016.

Registrar

Stagging. Director

Scanned by CamScanner

JAINERSITY OF HOORA

#### E. VENKATESWARA PRASAD

having completed the course of study approved by the University and passed the prescribed examinations has been admitted to the degree of

### Doctor of Philosophy

of this University
Witness my hand this Twentyfourth day of November
One Thousand Nine Hundred and Ninety

Ek. Vaena Registrar

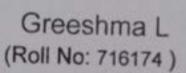
MSH No. 180053

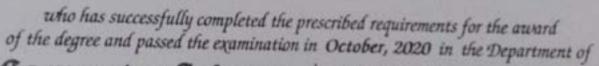
# National Institute of Technology Marangal



upon the recommendation of the Senate hereby confers the degree of

## Doctor of Philosophy





## Computer Science and Engineering

Given under the seal of the National Institute of Technology Warangal in the Republic of India on the Twenty Second day of October Two Thousand Twenty.

Title of the Thesis: DESIGN OF SOCIAL BOT DETECTION AND TRUST MODELS FOR ONLINE SOCIAL NETWORKS





Mr. Bhanu Sridhar M S/o Anjaneyulu MSR

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

Doctor of Philosophy
(Computer Science & Engineering)

Topic: A Novel Approach For Reuse Of Medical Databases Using Statistical Distributions.

Given under the Seal of the University

HTNo: 10022P0598

Date: 16 November, 2015

MICHARITIN

Ref.No:ANU/RC/Ph.D./CSE/MS/2670/March 2019



HARTA NAGARJUNA UNIVERSITA



#### **FACULTY OF ENGINEERING**

This is to certify that

Mr./Ms.

Medikonda Swapna

D/O Jaya Chandra

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 August 2019

in the Department of COMPUTER SCIENCE AND ENGINEERING

Title of the Thesis:

A HYBRID MODEL FOR RAINFALL PREDICTION USING BOTH PARAMETERIZED AND TIME SERIES MODELS IN DEEP LEARNING

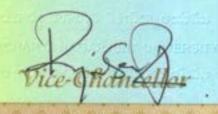
The Degree has been awarded in accordance with UGC regulations 2009

Given under the Seal of the University

Nagarjuna Nagar-522 510. A.P. India

Date: 2 0 NOV 2020





#### BIBLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI (RAJASTHAN) INDIA TRANSCRIPT

ID NO SSPHAFOLD

NAME WAGASURI BALA VENKATESUARLU

Fagn 2

Degree(s) Completed: Ph.D.

Fulfilled the academic requirements of graduation and became eligible for the award of the degree at the end of FIRST SEMESTER 1992-93

Passed Ph.D. Qualifying Examination on Foreign Language Requirement Thesis Submitted in

Ph D Viva held on Thesis Units Completed : 60 July, 1989 Exempted SUMMER TERM 1991 - 98

2 1 1993

Thesis Title:

"Some Past Serial & Parallel Algorithms for Image Analysis"

Final Thesis Grade

Excellent

Date of Issue 29 JAN 1993

REGISTRAR



#### FACULTY OF ENGINEERING

This is to certify that

#### Sharmili Nukapeyi

has been daly admitted to the

## Degree of Doctor of Philosophy

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: 29th July, 2017

319



#### **FACULTY OF ENGINEERING**

This is to certify that

Paluri V. S. L. Jagadamba

has been duly admitted to the

## Degree of Doctor of Philosophy

Computer Science and Systems Engineering

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

qualified to receive the same in \_\_\_\_\_2014

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date: 29th Geptomber, 2014.

Roll No.: 16317001

Degree No.: 022

Enroll. No.: 161070





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

शोध प्रबंध शीर्षक : इन्वेस्टीगेशन एंड डेवलपमेंट ऑफ़ मल्टी इनपुट कनवर्टर फॉर सोलर फोटोवोल्टाइक ऍप्लिकेशन्स

विषय: इलेक्ट्रिकल इंजीनियरिंग

भारतीय गणराज्य के अंतर्गत रायपुर में, दिनांक 1 दिसंबर, 2020 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 Allamsetty Hemachander

Title of Research: INVESTIGATION AND DEVELOPMENT OF MULTI-INPUT CONVERTER FOR SOLAR PHOTOVOLTAIC APPLICATIONS

**Discipline**: Electrical Engineering

Given this day, the 1st December 2020, under the seal of the Institute at Raipur in the Republic of India.

कुलसचिव Registrar निदेशक एवं अध्यक्ष,अभिषद Director &

Chairperson, Senate

अध्यक्ष,शासी निकाय

Chairman Board of Governors







#### **FACULTY OF SCIENCE**

This is to certify that

Kameswara Rao Allaka

has been duly admitted to the

Degree of Doctor of Philosophy

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

Given under the Seal of the University

VISAKHAPATNAM 13th June, 2011 Vice-Chancellor

7

DHRA

### FACULTY OF COMMERCE MANAGEMENT STUDIES

This is to certify that

Konapala Visweswara 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 2010.

Given under the Seal of the University

VISAKHAPATNAM 13th June, 2011

## Indian Institute of Technology Belhi

Upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

Venkata Subba Ras Komaragiri

Thesis title :

"Forced Vibration Response of Rotor Blade Due to Aerodynamic Interaction in a Turbomachine Stage."

Given this day under the seal of the Institute at Belhi in the Republic of India.

The 9th colugast, 1996.

Director &

Chairman Board of Covernors

Registrar



### भारतीय प्रौद्योगिकी संस्थान, दिल्ली INDIAN INSTITUTE OF TECHNOLOGY, DELHI

होज खास, HAUZ KHAS. - नई दिल्ली, 110 016 NEW DELHI -110 016

GRADE CARD

练用等/Ref. No. दिनांक/Dated

NAME : VENKATA SUBBA RAO KOMARAGIRI

REGN.NO: 88RME033

DISCIPLINE: PHD IN MECHANICAL ENGINEERING

SESSION: 2 SEMESTER 1988-89 NUMBER OF COURSES TAKEN: 2 CREDIT GRADE COURSE NAME COURSE NUMBER A 3 AM824 THEORY OF PLATES AND SHELLS TT700 HIGH SPEED COMPUTATION

S.G.P.A = 10.00

CREDITS: 7 VALID CREDITS: 7

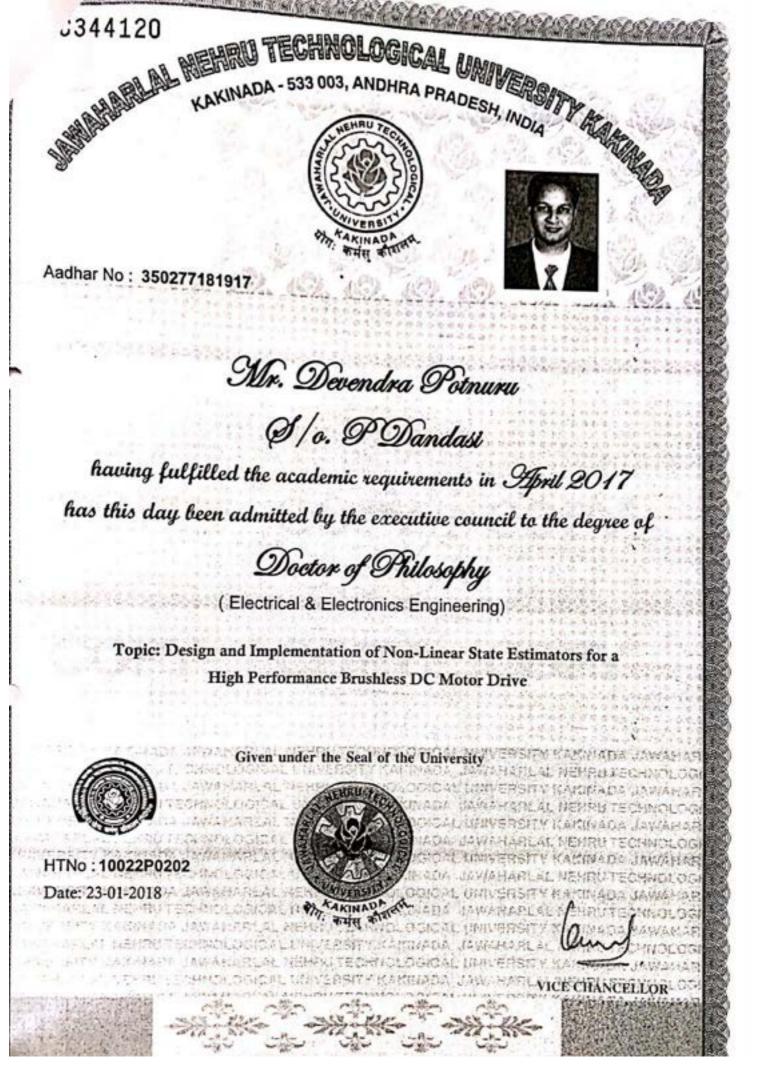
C.G.P.A.= 10.00 TOTAL CREDITS: 7 TOTAL VALID CREDITS: 7

(K.P. Singh ) ASSTT.REGISTRAR(PGS)

DATE: 15.6.98

GRADING SYSTEMS

GRADE	GRADE POINTS	DESCRIPTION OF PERFORMANCE	)F *	GRADE	GRADE POINTS	DESCRIPTION OF PERFORMANCE
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TECHNOLOGICAL UNIVERSITY ANDIA

KAKINADA - 533 003, ANDHRA PRADESH, INDIA



Aadhaar No 894012883381

## Ms. RVS Lakshmi Kumari Do. Venkata Subbaiah

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

## Doctor of Philosophy

(ELECTRICAL & ELECTRONICS ENGINEERING)

Topic: System Performance and Power Quality Enhancement in Distribution Systems with Distributed Generation

Given under the Seal of the University



HTNo: 10022P0206

Date: 17-08-2019



VICE CHANCELLOR



## FACULTY OF SCIENCE

This is to certify that

Bommaraju Suryanarayanamurti

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 1975.

Given under the Seal of the University

WALTALR
The 31st May 1975

Wice-Chancellor

E naz

#### FACULTY OF SCIENCE

This is to certify that

Dasu Netaji Madhusudhana Rao

has been duly admitted to the Dogree of Tortor of Philosophy in this University, he having lan declared to be qualified to receive the same in 1976.

Given under the Seal of the University

WALTAIR

The 26th February 1977



#### FACULTY OF ENGINEERING

Chis is to certify that

### Raj Kumar Goswami

has been July admitted to the

Degree of Doctor of Philosophy

**Electronics and Communication Engineering** 

in this University, helshe having been declared to be

qualified to receive the same in

2011

Given under the Scal of the University

Shuifupanan Affichalia

The 10th February, 2014

CC 216069

408052396

MEHRU TECHNOLOGICAL UNIVERSE



HYDERABAD, ANDHRA PRADESH, INDIA

College Code: 02 (JNTUCE(AUTONOMOUS), KKD)

Ms. Balantarapu V Lakshmi

Dlo Mr. Subbargo

having fulfilled the academic requirements and passed the examination held during October - 2008 in First Class With Distinction has this day been admitted by the Executive Council to the Degree of

> Master of Technology Instrumentation & Control Systems

> > Given under the Seal of the University

H.T.No:05024D1406

Date: 27-11-2009

Director of Evaluation

E See Base Res

## ACHARYA NAGARJUNA UNIVERSITY

SL.No. 000533

Ref. No.

ANU/RC/Ph.D./ ECE/BVL/2608/Jan. 2019



## PROVISIONAL CERTIFICATE

	This is to Certify to	hat
Sri/Smt./Kum.	Balantarapu V. Lakshmi	
S/o. / D/o	Subbarao	
has qualified himse	elf / herself for the award of the Degree o	f Doctor of Philosophy by Research for th
	ny him/her entitled OPTIMIZ	
	UES FOR COGNITIVE RADIO	
		The second secon
7		Secretary of the second
and that he/she h	as done all that is necessary for the	formal presentation for the Degree of
Doctor of Philosop	hy in Electronics and Cor	
	hy in Electronics and Cor	formal presentation for the Degree of nmunication Engineering
Doctor of Philosop	hy in Electronics and Cor	
Doctor of Philosop in the Faculty of _ with effect from _	Electronics and Cor Engineering 24-07-2019	nmunication Engineering
Doctor of Philosop in the Faculty of _ with effect from _	Engineering	nmunication Engineering
Doctor of Philosop in the Faculty of _ with effect from _ The D (agarjuna Nagar	Electronics and Cor Engineering 24-07-2019	nmunication Engineering
Doctor of Philosop in the Faculty of _ with effect from _ The D (agarjuna Nagar	Engineering  24-07-2019  egree has been awarded in accorda	nmunication Engineering  ance with UGC Regulations 2009
Doctor of Philosop in the Faculty of _ with effect from _ The D (agarjuna Nagar Pated	Engineering  24-07-2019  egree has been awarded in accorda	nmunication Engineering



### FACULTY OF ENGINEERING

This is to certify that

#### PMK Prasad

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 \_\_\_\_\_\_\_2017

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date: 29th July, 2017

(519)

TOHRA



IIVE PSIA

## FACULTY OF ENGINEERING

This is to certify that

Konduri Raja Rajeswari

has been duly admitted to the

Degree of Doctor of Philosophy

in this University, she having been declared to be

qualified to receive the same in 1992.

Given under the Seal of the University

WALTAIR

12th February, 1993

whowever

Vice-Chancellor

21

CC345072

45072

MEHRU TECHNOLOGICAL UNIVERSITY

KAKINADA - 533 003, ANDHRA PRADESH, INDIA

KAKINADA - 533 003, ENDIRA PRADESH, INDIA





Mr. Venkata AN Ravi Kumar Dwarapu S/o. Narayana Rao Dwarapu

having fulfilled the academic requirements in October 2019 has this day been admitted by the executive council to the degree of

Doctor of Philosophy

( ELECTRONICS & COMMUNICATION ENGINEERING)

Topic: Underwater Passive Target Tracking using Advanced Stochastic Algorithms with Multi-Sensor Measurements

Given under the Seal of the University



HTNo: 12022P0405

Date: 09-03-2022



CC344121

OGICAL UNIVERSITY KANTALON KAKINADA - 533 003, ANDHRA PRADESH, INDIA



Mr. Srinivasarao Kandula

8/o. Sriramamurty Kandula

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

Doctor of Philosophy

(Electronics & Communication Engineering)

Topic: PERFORMANCE ANALYSIS OF MIMO-OFDM SYSTEMS

HTNo: 09022P0411

Date: 23-01-2018

Given under the Seal of the University





#### FACULTY OF ENGINEERING

This is to certify that

#### **Ganesh Laveti**

has been duly admitted to the

## Degree of Doctor of Philosophy

Electronics and Communication 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

Visakhapatnam, A.P., India.

Date: 29th July, 2017



### INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

#### Doctor of Philosophy

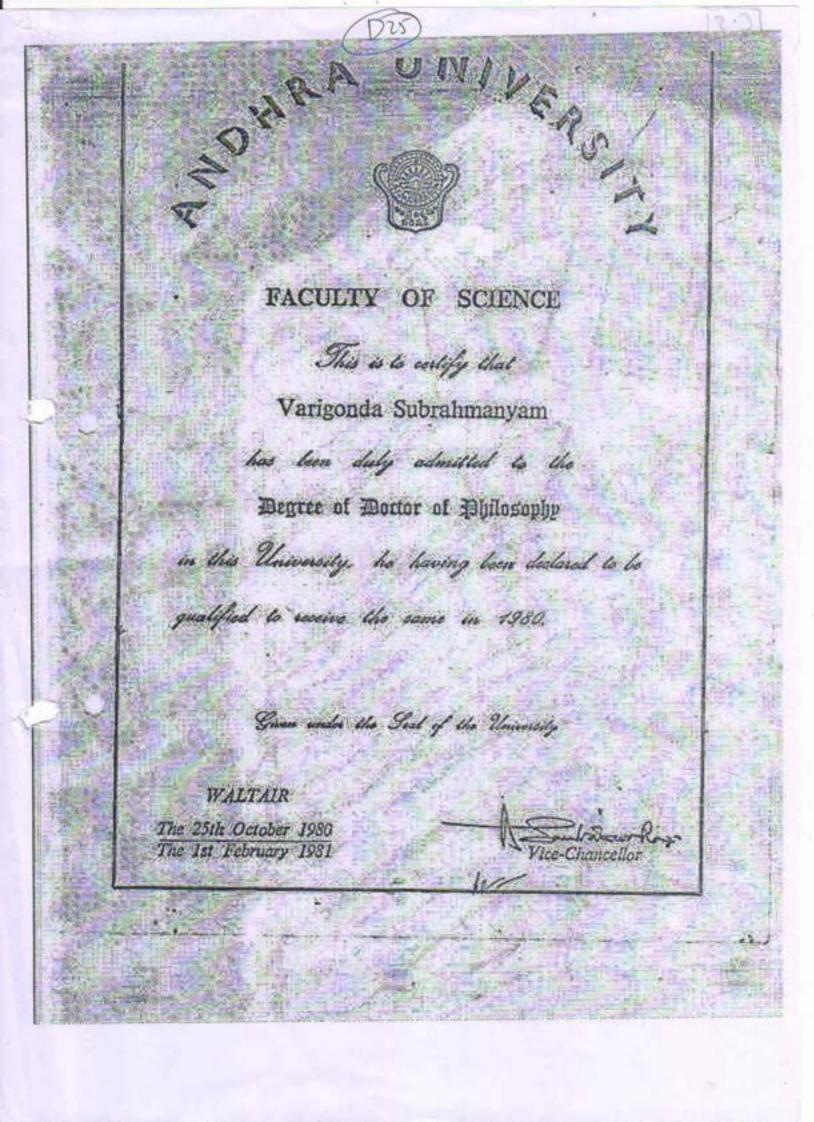
#### P V Dilcep Bhumireddi

in recognition of the research work on

Sparse Recovery Based Image Reconstruction Algorithms for Diffuse Optical Tomography

Given under the seal of the Institute at Kharagpur on the Twenty Seventh day of August, Two Thousand and Nineteen

Registrar







Regn. No.: 1161012003

## SIKSHA 'O' ANUSANDHAN UNIVERSITY

(A Deemed University Declared U/S 3 of the UGC Act, 1956)
Bhubaneswar, Odisha, India.
Accredited by NAAC with 'A' Grade

upon recommendation of the Academic Council hereby confers the degree of

Doctor of Philosophy

on

## Diviti Krishna Bebarta

who has fulfilled the requirement for the degree as prescribed under the regulations and successfully defended in May, 2016, the thesis entitled:

> "Low Complexity Neural Information Systems for Data Mining Applications in Financial and Energy Markets."

Given on this day, under the seal of the University at Bhubaneswar, Odisha, India.



nate: 1st October, 2016



2238



#### PROVISIONAL CERTIFICATE

This is to Certify that Sri / Sms. / Kum. RACHURI ANURADHA bas qualified himself/herself for the Award of Doctor of Philosophy Degree by Research for the Thesis submitted by him / her entitled "DEVELOPING DIGITAL COLLECTION: CHALLENGES AND IMPLICATIONS: INDIAN EXPERIENCES"

and that he / she has done all that is necessary for the formal presentation for the Degree of Doctor of Philosophy in LIBRARY AND INFORMATION SCIENCE in the year 202] ....

VISAKHAPATNAM Dr. OH 10 2021

Initials of the | Prepared : | Clerk who Examined:

DEPUTY REGISTRAR (ACADEMIC)



### FACULTY OF SCIENCE

This is to certify that

#### Suseelatha Annamareddi

has been duly admitted to the

## Degree of Doctor of Philosophy

**Applied Mathematics** 

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

qualified to receive the same in 2015

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date: 29th July, 2017

CC344185

MEHRU TECHNOLOGICAL UN

KAKINADA - 533 003, ANDHRA PRADESH, INDIA

HEHRU TECHNOLOGICAL STATE ARINADA TA



Aadhar No: 315213167556

Mr. Bitra Rajesh Babu S/o. B Veera Bhadra Rao

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

Doctor of Philosophy

(Physics)

Topic: Synthesis And Study On Structural, Electrical And Magnetic Properties Of A13+ Substituted Ni-Zn Nano Ferrites

Given under the Seal of the University



HTNo: 10022PPY04

Date: 23-01-2018



land.

VICE CHANCELL CIR-



ARUN KUMAR Sub Divisional Magistrate (HQ) District-South West Old Terminal Tax Building. Kapashera, New Delhi-110037





**TITE TITE GOVERNMENT OF INDIA** अपोसिटल / APOSTILLE

(Convention de La Haye du 5 octobre 1961)

INDIA

This public document of the type

CERTIFICATE

BITRA RAJESH BABU

ARUN KUMAR

THE HAND AND SOM KAPASHERA NEW DELHI

Certified by

Section Officer(OI) MINISTRY OF EXTERNAL AFFAIRS

= 29-Apr-2019 ... NEW DELHI, INDIA

DLND0010250719



(High Hill)

Hall Ticket No.: 10022PPY04

Pcslno K00243042

Pono 201630095

Verified by

Asst. Registrar: 4v. Kamana

Controller of Examinations:

#### ADIKAVI NANNAYA UNIVERSITY RAJAMAHENDRAVARAM-533296

Dean Academic Affairs



Mobile: 7093008475

Email: deanacademic.aknu@gmail.com

#### NOTIFICATION AWARD OF RESEARCH DEGREE IN **ENGLISH**

It is hereby notified that the Vice-Chancellor on the recommendations of the Board of Examiners is pleased to order that Smt. CHALUMURI ALEKYA (18206001) be declared qualified for the DEGREE OF DOCTOR OF PHILOSOPHY in ENGLISH on the thesis entitled "THE ATTITUDE AND PERCEPTION TOWARDS BLENDED LEARNING APPROACH AMONG ENGLISH LANGUAGE TEACHERS IN SECONDARY SCHOOLS OF NORTH COASTAL DISTRICTS OF ANDHRA PRADESH"

(By Order)

Central Administrative Office Rajamahendravaram

Date: 07.09.2019

- Jun A-a

CONTROLLER OF EXAMINATIONS

Endt. No. ANUR/LS/T-91/2019/94(6)3

Date:07.09.2019.

Forwarded to the Director of Stationery and Printing Andhra Pradesh Central Press, Hyderabad (A.P.) for favor of Publication in the next issue of Andhra Pradesh Gazette and supply to this office with six spare copies of notification.

> Jin my CONTROLLER OF EXAMINATIONS

25 copies to the Coordinator, Media Cell, Adikavi Nannaya University, RJY for arranging publication as News item in all dailies at free of charges.

Copy to All Sections of the University

Copy to PS to VC. PA to Rector, PA to Registrar,

OOF



#### FACULTY OF SCIENCE

This is to certify that

#### Chatti Sanyasalakshmi

has been duly admitted to the

## Degree of Doctor of Philosophy

in Physics

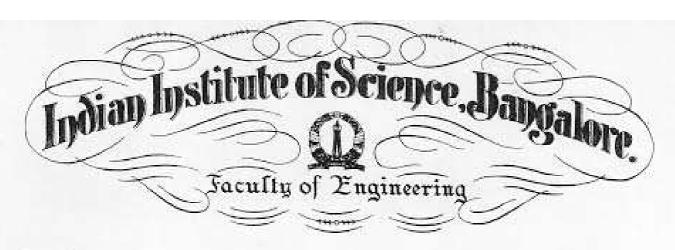
in this University, he/she having been declared to be

qualified to receive the same in \_\_\_\_\_\_ 2016 \_\_\_\_.

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date: 9th January, 2019



The Council on the recommendation of the Senate of the Institute hereby confers on

KAVURI ADHOKSHAJA GOPALA RAD

the degree of

Doctor of Philosophy

in recognition of the research work on

" Fault Detection and Diagnosis in Linear Dynamical Systems "

La Dez-

Chairman of the Council

26 MARCH 1987



## काशी हिन्द् विश्वविद्यालयः डॉक्टर ऑफ फिलासॉफी

	इति	नामा   नाम्नी
काशी हिन्दू विश्वविद्यालयस्य 🔑 ६६ ६६	तमे	ईसधीयवन्सरे
नेथमेटिक्स		इति विपये
डॉक्टर ऑक़ फ़िलासॉफ़ी इत्युपार्थि प्राप्नोदिति प्रमाणयति ।		



## काशी हिन्द विश्वविद्यालय डॉक्टर ऑफ फिलासॉफी

#### प्रमाणित किया जाता है कि

की कोसूरी लक्ष्मी साई प्रसाद

को सन् १६६६ की

मेशमीटिक्स

विषय में

काशी हिन्द् विश्वविद्यालय की डॉक्टर् ऑफ़ फ़िलामॉफ़ी उपाधि पदान की गई।



#### BANARAS HINDU UNIVERSITY Doctor of Philosophy

This is to certify that

Shri Frotheri Wakshmi Sai Prasad has been admitted to the degree of Doctor of Philosophy in the Subject\_\_\_\_ Mathematics of the Banaras Hindu University in the year 1996 .

"Certain Structures on a differentiable Manifold and some investigation in Finsler Connections on Dector Bundle"

धारावसी\_VARANASI

fent-DATE March 28, 1298

-y. c. Spink-s

paufa:/gaufa/VICE-CHANCELLOR

## ANDHRA UNIVERSITY

Thesis File No. : T(1) 4909 2021

Tel No. 0091-891-2844042

Fax No.: 0091-891-2525611 / 2755324 e-mail deanacademic au@gmail.com



ANDHRA UNIVERSITY VISAKHAPATNAM - 530 003 ANDHRA PRADESH, INDIA

Date: 08 02 2021

## ACKNOWLEDGEMENT

This is to acknowledge that STAMS NEELIMA RAMI REDDY

has submitted his/her Thesis for the Award of Ph.D. Degree in Commence and Management

on 08/02/2021

Superintendent

Thesis Section

SUPERINTENDENT "THESIS SECTION" ANDHRA UNIVERSITY

VISAKHAPATNAM



#### FACULTY OF SCIENCE

This is to certify that

#### Pedada Srinivasa Rao

has been own admitted to the

## Degree of Doctor of Philosophy

Inorganic and Analytical Chemistry

in this They very heighe has my true freemed whe

qualified to receive the same in

2011

Given under the Seal of the University

infrints of my bard

10<sup>th</sup> February, 2014

Jus Chancellon



### FACULTY OF SCIENCE

This is to cortify that

Rani Brahmanandam Prava

has been duly admitted to the

Degree of Doctor of Philosophy

in this University, she having been declared to be gualified to receive the same in 2007.

Given under the Soul of the University

VISAKHAPATNAM 16th January, 2008

ADMRA UNIVERS

#### FACULTY OF SCIENCE

This is to certify that

Tanuku Poorna Kantha

has been duly admitted to the

Degree of Doctor of Philosophy

in this University, she having been declared to be gualified to receive the same in 2010.

Given under the Seal of the University

VISAKHAPATNAM 13th June, 2011 Vice-Chancellor

4



#### FACULTY OF ARTS

· This is to certify that

### Vijayalakshmi Usha Ramani V

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 \_\_\_\_\_\_\_ 2015

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date: 29th July, 2017