



# NRI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)

Approved by AICTE, New Delhi: Permanently Affiliated to JNTUK, Kakinada  
Accredited by NAAC with "A" GRADE, Accredited by NBA (CSE, ECE&EEE)  
An ISO 9001:2015 Certified Institution  
Pothavarappadu (V), Agiripalli (ND), Eluru District, A.P., India, Pin: 521 212  
URL: [www.nriit.edu.in](http://www.nriit.edu.in), email: [principal@nriit.edu.in](mailto:principal@nriit.edu.in), Mobile: + 91 8333882444



2.4.2 Percentage of full time teachers with Ph.D. /D.Sc. / D.Litt. /LLD during the last five years

3.2.3 Percentage of teachers recognised as research guides as in the latest completed academic year

3.4.2 Number of candidates registered for Ph.D per teacher during the last five years

A.Y:		2018-19							
S No	Name of full time teacher with Ph.D./D.Sc./D.Litt./LLD	Highest Qualification (Ph.D./D.Sc./D. Litt./LLD)	Year of obtaining	Whether recognised as research Guide for Ph.D	Year of Recognition as Research Guide	Is the teacher still serving in the institution /If not last year of the service of Faculty in the Institution	Name of the Research scholar	Year of registration of the scholar	Guide allotment letter web link to be provided
1	Dr.K.Swathi	Ph.D	2019	NO	-	YES	-	-	
2	Dr. K.VENKATA RAMANA	Ph.D	2015	No	-	YES	-	-	
3	Dr.K.V.Sambasivarao	Ph.D	1996	YES	2016	YES	Mr.B. Jaya Nag	2016	
							MrS. M. Rani Reddy	-	
							Mr.S. Ravi Kishan	2014	
							Mrs. S. VIJAYA Lakshmi	2014	
4	Dr.Y.Sushma	Ph.D	2011	NO	-	NO	-	-	
5	Dr.D.Ratnakishore	Ph.D	2018	NO	-	NO	-	-	
6	Dr. N. SAMBASIVA RAO	Ph.D	2015	NO	-	YES	-	-	

7	Dr.M.Kondalu	Ph.D	2015	NO	-	YES	-	-	
8	Dr. G. Devendra Raja	Ph.D.	1987	NO	-	YES	-	-	
9	Dr.C.V.N.Rao	Ph.D.	1984	NO	-	YES	-	-	
10	Dr. N V Surendra Babu	Ph.D.	2010	NO	-	YES	-	-	
11	Dr. M.Babu Prasad	Ph.D.	2017	NO	-	YES	-	-	
12	Dr. K.Krishna Rao	Ph.D.	2014	NO	-	YES	-	-	
13	Dr.SK.S.Begum	Ph.D.	2013	NO	-	YES	-	-	
14	Dr.P.Sobhanachalam	Ph.D.	2019	NO	-	YES	-	-	
15	Dr K P Sharma	Ph.D.	2014	NO	-	YES	-	-	
16	Dr.T.Sreelatha	Ph.D.	2018	NO	-	YES	-	-	
17	Dr. D.Kailasa Rao	Ph.D.	2003	NO	-	YES	-	-	
18	Dr. M.V.N.Sarma	Ph.D.	1992	NO	-	YES	-	-	
19	Dr. R Venkata Rao	Ph.D.	2001	NO	-	YES	-	-	
20	Dr. C. Naga Bhaskar	Ph.D	2005	Yes	-	YES	1.Mr K Mohan 2.Mr P Srinivasa Rao	-	
21	Dr. K. Prasada Rao	Ph.D	2015	NO	-	YES	-	-	
22	Dr. V.LakshmiKanth Chowdary	Ph.D	2019	NO	-	YES	-	-	
23	Dr.T.Gopala Rao	Ph.D	2019	NO	-	YES	-	-	
24	Dr.Ch.SUKESH BABU	Ph.D	2015	NO	-	YES	-	-	
25	Dr. V. Vasudeva Rao	PhD	1979	NO	-	YES	-	-	
26	Dr.K.Srinivasa Rao	PhD	2000	NO	-	YES	-	-	
27	Dr.S.Arun	PhD	2015	NO	-	YES	-	-	
28	Dr.Ch. Venkateswara Rao	PhD	2013	NO	-	YES	-	-	
29	Dr. K. Nirmal Raja	PhD	2016	NO	-	YES	-	-	
30	Dr. K. Krishna Murthy	PhD	1988	NO	-	YES	-	-	
31	Dr. P. Rama Koteswara Rao	PhD	2017	NO	-	YES	-	-	
32	Dr. K. Satyanarayana Murthy	PhD	2010	NO	-	YES	-	-	

  
J. Q. A. C. CO-ORDINATOR

**NRI INSTITUTE OF TECHNOLOGY**  
POTHAVARAPPADU (V), Agiripalli (M)  
Eluru Dist., Vijayawada Rural - 521 212

  
PRINCIPAL

**Principal**  
**NRI Institute of Technology**  
Pothavarappadu (V), (Via) Nunna  
Agiripalli (M), Eluru Dist. A.P-521212

# ACHARYA NAGARJUNA UNIVERSITY

18-19

Sl.No. 000329



Ref. No. ANU/RC/Ph.D./  
CSE/KS/2306/March 2018

## PROVISIONAL CERTIFICATE

*This is to Certify that*

Sri/Smt./Kum. **Swathi Kailasam**

S/o. / D/o. **Lakshmi Narayana Rao K**

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

Thesis submitted by him/her entitled **FAST kNN CLASSIFIERS AND**

**FEATURE SELECTION METHODS FOR NIDS BASED ON PARTIAL**

**DISTANCE SEARCH**

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

Doctor of Philosophy in **Computer Science & Engineering**

in the Faculty of **Engineering**

with effect from **19-02-2019**

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

Nagarjuna Nagar

Dated **20-02-2019**

Initials of the  
Clerk who

}

Prepared : **Bib**  
20/2/19  
Examined : **Ref**  
21/2/19

**CO-ORDINATOR**  
Research Cell

# Indian Institute of Technology Delhi

Upon the recommendation of the Senate  
hereby confers the degree of

Doctor of Philosophy


on *K. V. Sambasiva Rao*


Thesis title :


*"Some Studies on the Justification Problem and Allied Issues for Implementation of Advanced Manufacturing Technologies."*

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

The 3<sup>rd</sup> August, 1996.

  
Director &  
Chairman, Senate

  
Chairman  
Board of Governors

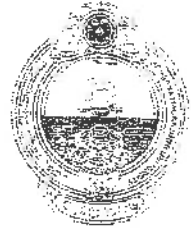
  
Registrar



Regd. No.

000006

# ACHARYA NAGARJUNA UNIVERSITY ఆచార్య నాగార్జున విశ్వవిద్యాలయము



## FACULTY OF ENGINEERING

*This is to certify that*

Mr./Ms.

*Sushma Yalammachili*

*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 2011*

*in Computer Science and Engineering*

*Given under the Seal of the University*



*[Signature]*  
Vice-Chancellor

Nagarjuna Nagar-522 510.

A. P. India

Date: 17 NOV 2011

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

Adm. No. **11PH0528**

Sl. No. PC **0251086**



**PROVISIONAL CERTIFICATE**

*This is to certify that Mr. RATNAKISHORE DASARI*

*Son of Sri GANGARAJU ,*

*has satisfied all the requirements for the award of*

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

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

*for the Thesis entitled,*

**" AN EFFICIENT CHAINING GRAPH SEGMENTATION MODELS FOR  
HUMAN ACTIVITY DETECTION ON REAL TIME NOISE VIDEO  
DATABASES "**

*(Date of Viva Voce : 19.01.2018)*

*Wednesday, January 24, 2018.*

**DIRECTOR OF EVALUATION**

**REGISTRAR**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 703182



H. T. No. : 0803PH0740

*Mr. Sambasivarao Narasima*

*S/o. Mallikarjunarao*

having fulfilled the academic requirements in *October, 2015*

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

*Doctor Of Philosophy*

*Electrical And Electronics Engineering*

Topic : 'Analysis of Certain Power System Issues Using FACTS Devices  
Based on the Optimal Location Methods in a Deregulated Power System'

Given under the Seal of the University

Date: 21-04-2017



*M. Srinivasulu Reddy*  
REGISTRAR

*Y. S. Srinivasulu Reddy*  
V. S. Srinivasulu Reddy

OFFICE OF THE REGISTRAR



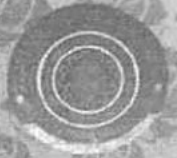
481061409130

PC No  
31500015

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS703029



H.T No. : 0903PH0711

*Mr. Moka Kondalu*

*No. Nelababuduru*

having fulfilled the academic requirements in *October, 2015*

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

*Doctor Of Philosophy*

*Electrical And Electronics Engineering*

Topic : "Estimation of Transient Over Voltages Under Various Line Fault Conditions with respect to Various Gas Insulated Substations (132kV, 220kV, 400kV)".

**Given under the Seal of the University**

**Date: 21-04-2017**



*CSE*

DIRECTOR OF EVALUATION

*M. Madan P*

REGISTRAR

*A. Srinivas*

VICE CHANCELLOR



461061415036

PC No  
39512064860



UNIVERSITY OF ALLAHABAD



Doctor of Philosophy in Science

Enrollment No. GG/10574.

This is to certify that Gurumadi Devendra Raja

has been admitted to the degree of Doctor of Philosophy

in Science in this University at the Convocation

of 1987.

University of Allahabad:

The 14<sup>th</sup> May, 1988.

The 18<sup>th</sup> Feb, 2009.

Rajendra Kumar  
Vice-Chancellor



The Senate of Sri Venkateswara University  
honorably makes known that

Chava Venkata Nageswara Rao  
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 Chemistry  
SUBJECT OF THE THESIS "Syntheses Spectral and  
X-ray Diffraction Studies of  
Organophosphorus Heterocyclic  
Compounds."  
YEAR 1984

Given under the Seal of the University

Tirupati  
The 14.07.1985

  
Vice-Chancellor

000926



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

సాకర్షీ ఆఫ్ సైన్స్  
Faculty of Science

వెంకట సురేంద్ర బాబు నాగిశెట్టి  
వెంకయ్య గారి కుమారుడు కు  
ఈ విశ్వవిద్యాలయం నుండి క్రింద సూచించిన విధంగా అతను పట్టాకు  
నర్దేశించిన పరీక్షలో ఉత్తీర్ణత వొందినందుకు  
డాక్టర్ ఆఫ్ ఫిలాసఫి  
పట్టా ప్రదానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

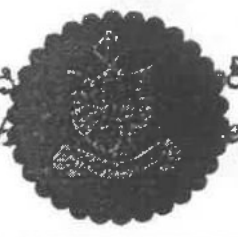
*This is to certify that*  
**Venkata Surendra Babu Nagisetty**

*Son of Venkaiah*  
*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 : BIO-CHEMISTRY  
SUBJECT OF THE THESIS : "Optimization of Grain Malts Media for Citric Acid  
production by improved Strains of Aspergillus Niger"  
YEAR : 2010

విశ్వవిద్యాలయ అధికారి చేయడమైంది.  
Given under the authority of the University



MA

తిరుపతి / Tirupati  
తేదీ / Date : 07 MAY 2010

ఉపకులపతి  
Vice - Chancellor

Reg. No. : 00209212008

Sl. No. 00970

ద్రావిడ విశ్వవిద్యాలయం ద్రావిడ విశ్వవిద్యాలయం  
திராவிடப் பல்கலைக்கழகம் டிராவிட விசுவவித்யாலயம்  
DRAVIDIAN UNIVERSITY



Srinivasavanam, Kuppam - 517425, Andhra Pradesh, India.

Faculty of Science

*This is to Certify that*

*Munagala Babu Prasad*

*Son/Daughter of Veera Bhadra Rao*

*has been certified by duly appointed Examiners*

*to be qualified to receive the Degree of*

**Doctor of Philosophy in Mathematics**

*and has been admitted to that Degree*

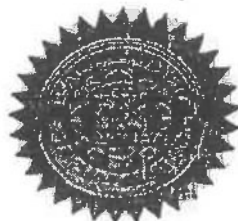
*with effect from 23.12.2017*

DEPARTMENT OF STUDY : MATHEMATICS

TITLE OF THE THESIS : "Contributions to Near - Ring Theory- VI"

*Given under the seal of the University*

Dated : 03.01.2018



*V. Venkatesh*  
Vice-Chancellor



ACHARYA NAGARJUNA UNIVERSITY  
ఆచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF PHYSICAL SCIENCES

*This is to certify that*

Mr./Ms. Komatineni Krishna 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* 08 March 2014

*in the Department of* MATHEMATICS

*Title of the Thesis :*

**SOME CONCEPTS IN TOPOLOGICAL ORDERED SPACES USING SEMI-OPEN SETS, PRE-OPEN SETS,  $\alpha$ -OPEN SETS AND  $\beta$ -OPEN SETS**

ACHARYA NAGARJUNA UNIVERSITY

ఆచార్య నాగార్జున విశ్వవిద్యాలయము

ACHARYA NAGARJUNA UNIVERSITY

ఆచార్య నాగార్జున విశ్వవిద్యాలయము

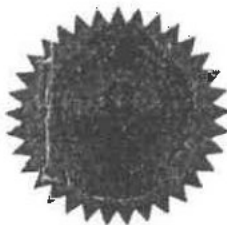
ACHARYA NAGARJUNA UNIVERSITY

Nagarjuna Nagar-522 510.

A. P. India

Date: 29 AUG 2018

*Given under the Seal of the University*



*Vice-Chancellor*



# ACHARYA NAGARJUNA UNIVERSITY

13

Sl.No. 000335



Ref. No. ANU/RC/Ph.D./  
Physics/PSC/2445/July 2018

## PROVISIONAL CERTIFICATE

*This is to Certify that*

Sri/Smt./Kum. **Sobhanachalam P**

Slr./D/o. **Krishna Rao**

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

Thesis submitted by him/her entitled **In vitro bioactive studies on CoO,**

**Fe<sub>2</sub>O<sub>3</sub> and Ce<sub>2</sub>O<sub>3</sub> - doped calcium fluoro borophosphate glasses**

**mixed with some therapeutically active ions**

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

Doctor of Philosophy in **Physics**

in the Faculty of **Physical Sciences**

with effect from **27-02-2019**

The Degree has been awarded in accordance with UGC Regulations 2009

Nagarjuna Nagar

Dated **28-02-2019**

Initials of the  
Clerk who

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

*[Signature]*

*[Signature]*  
CO-ORDINATOR  
Research Cell

University of Delhi



This is to certify that the Degree of Doctor of Philosophy in this University was conferred to Parasara Sarma K on English Literature at the Special Convocation held on the 3rd day of January 2014.



Registrar  
University of Delhi



Chancellor  
University of Delhi  
C. S. Deshpande  
Vice-Chancellor  
University of Delhi



Register No : **13DRPEN004**

Folio No : **000014**



**KARPAGAM ACADEMY OF HIGHER EDUCATION**

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641 021.  
Tamil Nadu - India

The Board of Management of the **KARPAGAM ACADEMY OF HIGHER EDUCATION** (Deemed to be University)

hereby makes known that **SREE LATHA TANGIRALA**

has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** in **ENGLISH**

under the **FACULTY OF ARTS**

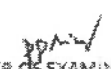
having been certified by the duly appointed examiners to be qualified to receive the same on **27<sup>th</sup> JULY 2018**

Coimbatore

Date: **29.09.2018**



SEAL

  
CONTROLLER OF EXAMINATIONS

  
REGISTRAR

  
VICE-CHANCELLOR



ACHARYA

NAGARJUNA UNIVERSITY



FACULTY OF SOCIAL SCIENCES

This is to certify that

*Trailasa Rao Donsluru*

*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 ~~XXXX~~ 2003. in*

*Economics*

*Given under the Seal of the University*

NAGARJUNANAGAR  
522 510

The  1 MAR 2004 19

*A. Vengappan Reddy*  
Vice-Chancellor

# NAGARJUNA UNIVERSITY



## FACULTY OF SOCIAL SCIENCES

This is to certify that

*Maheshi Parvati Prasanna Kumar*

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 1994 in *Chionamit*

Given under the Seal of the University

NAGARJUNANAGAR  
522 510

The 12 DEC 1993 19

*[Signature]*

Vice-Chancellor

(25)

# NAGARJUNA UNIVERSITY



## FACULTY OF SOCIAL SCIENCES

This is to certify that

*Dr. V. Venkatesh 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 ~~19~~ 2012 in

Economics

Given under the Seal of the University

NAGARJUNANAGAR  
522 510

19 NOV 2012 19

*V. Venkatesh Rao*  
Vice-Chancellor

# ANDHRA UNIVERSITY



## FACULTY OF ENGINEERING

*This is to certify that*

Challa Naga Bhaskar

*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 2005.*

*Given under the Seal of the University*

VISAKHAPATNAM  
6th November, 2006

*A. Venugopal*  
Vice-Chancellor  
*J*

ANDHRA UNIVERSITY  
ఆంధ్ర విశ్వకళాపాఠశాల



FACULTY OF ENGINEERING

*This is to certify that*

**Kancherla Prasad Rao**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in* **Marine Engineering**

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

  
Vice-Chancellor

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



डॉक्टर ऑफ़ फिलॉसफी  
प्रमाणित किया जाता है कि  
वेलिवेला लक्ष्मिकांत चौधरी

को इस विश्वविद्यालय के मेकेनिकल इंजिनियरिंग विषय में  
डॉक्टर ऑफ़ फिलॉसफी की उपाधि से वर्ष 2019 में विभूषित किया गया।  
इनके शोध प्रबंध का विषय है :-

"Automation and its Impacts on Lean Manufacturing System: Volvo Case Study".

**DOCTOR OF PHILOSOPHY**

This is to certify that

**VELIVELA LAKSHMIKANTH CHOWDARY** has been  
awarded to the degree of **DOCTOR OF PHILOSOPHY**  
in the subject **MECHANICAL ENGINEERING** of this University  
in the year 2019

The title of his/her thesis is :-

"Automation and its Impacts on Lean Manufacturing System: Volvo Case Study".



कुलसचिव  
Registrar



**NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL**  
(INSTITUTE OF NATIONAL IMPORTANCE)

**PROVISIONAL CERTIFICATE**  
**DOCTOR OF PHILOSOPHY (Ph.D.)**

No. 27783

Certified that **Mr. Gopala Rao Thellaputta**  
S/O **Nageswara Rao** Roll No **701420**  
Department of **MECHANICAL ENGINEERING**

has successfully completed all prescribed requirements for the award of the degree of **Doctor of Philosophy (Ph.D.)** of the institute.

The date of viva-voce examination **18-01-2019**

The title of the thesis submitted is **SOME EXPERIMENTAL STUDIES AND MODELING OF ROTARY TOOL MILLING WHILE MACHINING INCONEL - 625 ALLOY.**

Warangal

Dated : 18-01-2019

DEAN (ACADEMIC)



Note: Validity of this certificate will expire on the award of the degree in the next convocation.





भारतीय प्रौद्योगिकी संस्थान दिल्ली  
INDIAN INSTITUTE OF TECHNOLOGY DELHI

PROVISIONAL CERTIFICATE

Date of Approval: 29.07.2015

This is to certify that Chennuri Sukesh Babu (चेन्नूरी सुकेश बाबू) (Entry No.2005MEZ8233) who submitted the thesis entitled:

*(AN INTERVAL ANALYSIS APPROACH TO STUDY THE DYNAMICS AND ACTIVE VIBRATION CONTROL OF STRUCTURES WITH UNCERTAINTIES AND WEAK NON-LINEARITIES)*

(एन इन्टरवैल अनेलिसिस अप्रोच टू स्टडी दि डायनेमिक्स ऐण्ड एक्टिव वाइब्रेशन कन्ट्रोल ऑफ स्ट्रक्चर्स विद अनसर्टेनिटीस ऐण्ड वीक नॉन-लीनियेरिटीस)

for the award of Degree of *DOCTOR OF PHILOSOPHY* has, after having fulfilled all the prescribed academic requirements for this Degree, been declared eligible for award of Ph.D. degree of this Institute.

The Degree will be awarded to him/her at the next *CONVOCATION* of the Institute.

  
Deputy Registrar

Postgraduate Studies & Research

Dated: 31<sup>st</sup> July, 2015

N.B.: This Provisional Certificate is valid till the degree is awarded.



# Indian Institute of Technology Madras

hereby confers the degree of  
Doctor of Philosophy

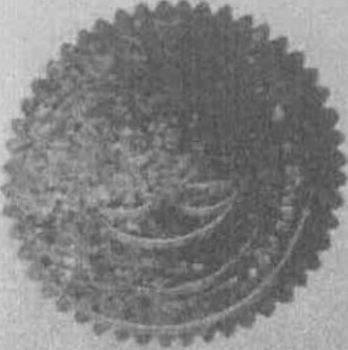
in  
Bio Engineering

on  
V. VASUDEVA RAO

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

ULTRASONIC INSTRUMENTATION SYSTEMS FOR CARDIAC  
DIAGNOSIS AND IMAGING

Given this day the twentieth of September 1979  
under the seal of the Institute



*A. M. M. Arunachalam*

A. M. M. ARUNACHALAM

Chairman, Board of Governors

*P. V. Indiresan*

P. V. INDIRESAN

Director

*B. S. Virmani*

B. S. VIRMANI

Registrar

# ANDHRA UNIVERSITY



## FACULTY OF ENGINEERING

*This is to certify that*

**K. Srinivasa 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 2000.*

*Given under the Seal of the University*

**VISAKHAPATNAM**

**26th April 2001**

*E. V. Raghavulu*  
**Vice-Chancellor**

# SINGHANIA UNIVERSITY

Pacheri Bari, (Jhunjhuni), Raj - 333515  
(Established Under Section 2(f) of UGC ACT, 1956)

## PROVISIONAL DEGREE

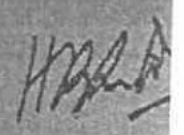
The Academic Council of the Singhania University upon the recommendation of the Research Board hereby confers on **S ARUN** son/daughter of **C SUNDARAM** the Provisional Degree of **Doctor of Philosophy in Electronics & Communication Engineering** after completion of the prescribed requirements for the said degree in the viva - voce held on **06-06-2015**. The Provisional Degree has been awarded in compliance of **UGC (Minimum Standards and Procedure for awards of M.Phil/Ph.D Degree) Regulation, 2009**.

The subject on which he/she presented the thesis for the degree was:

**"DESIGN AND IMPLEMENTATION OF HYBRID WIRELESS METER READING SYSTEM".**

Pacheri Bari

Date: 14-07-2015



Regist

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ  
VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



Certifies that

**VENKATESWARA RAO CH**

**ದಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ**

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನು ಕೃತವೆಂದು ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ  
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ.

*has been duly admitted to the Degree of*

**Doctor of Philosophy**

*have been certified by duly appointed examiners  
to be qualified to receive the same at the examination  
prescribed therefor as hereunder*

University seat Number : **08X15ECE253**  
Subject : **ELECTRONICS & COMMUNICATION  
ENGINEERING**  
Subject of Study : **"Compositional Design of Cyber -  
Physical Systems Using Contracts"**  
Year : **2013**

D 190068

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ಕೊಡಲ್ಪಟ್ಟಿದೆ  
Given under the seal of the University

ಬೆಳಗಾವಿ  
Belgaum

ದಿನಾಂಕ  
Date 17 DEC 2013



H. P. Khincha

ಕುಲಸಚಿವ  
VICE CHANCELLOR

NIRMAL

10110

# Anna University



Reg.No. 1114419142/R01

The Syndicate of the Anna University hereby makes known that **NIRMAL RAJA K** 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:

**ON SECURING WIRELESS SENSOR NETWORK AUTHENTICATION SCHEMES AGAINST SYBIL AND DOS ATTACKS**

Given under the Seal of the University



Chemical 600 025  
India  
May 2017

Controller of Examinations

Registrar

Chairman, Convener Committee  
Vice-Chancellor

ANDHRA UNIVERSITY



FACULTY OF SCIENCE

*This is to certify that*

*Kolla Krishna Murthy*

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

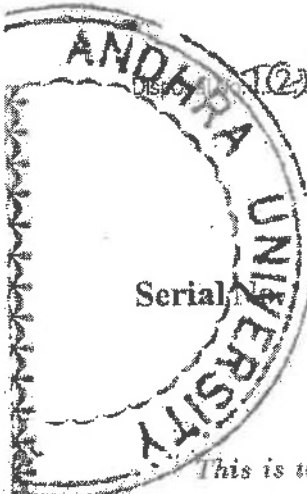
*in this University, he having been declared to be  
qualified to receive the same in 1988.*

*Given under the Seal of the University*

WALTAIR

*The 27<sup>th</sup> September 1988.*

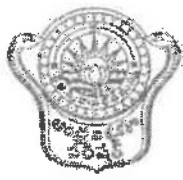
*K. V. Ramana*  
Vice-Chancellor



T(2)/8094/2016 Dt 27/08/2017

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

# ANDHRA UNIVERSITY



## PROVISIONAL CERTIFICATE

Andhra University Press, Visakhapatnam

This is to Certify that Sri / Smt. / Kum. P. RAMA KOTESWARA RAO  
 has qualified himself/herself for the Award of Doctor of Philosophy Degree by  
 Research for the Thesis submitted by him / her entitled "A NOVEL APPROACH  
FOR PITCH AND PITCH STRENGTH BASED ROBUST SPEAKER  
RECOGNITION USING VARIOUS DIMENSIONALITY REDUCTION  
TECHNIQUES AND SVM ALGORITHMS"

and that he / she has done all that is necessary for the formal presentation for the Degree of  
 Doctor of Philosophy in INSTRUMENT TECHNOLOGY  
 in the year 2017.

VISAKHAPATNAM

Dt. 08/08/2017

Initials of the Clerk who Prepared : M  
 Examined : A

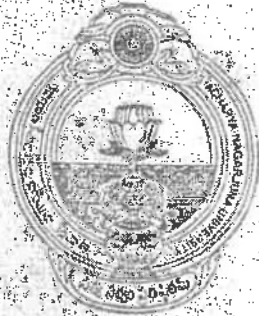
Tus Devi  
 DEPUTY REGISTRAR (ACADEMIC)



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



# ACHARYA NAGARJUNA UNIVERSITY



## FACULTY OF PHYSICAL SCIENCES

This is to certify that

*Geetapati Satyanarayana Murthy*

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* 2010

*in* Physics

*Given under the Seat of the University*

*Signature*