

1
Regd. No.

00106

ACHARYA NAGARJUNA UNIVERSITY
ఆచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF ENGINEERING

This is to certify that

Mr./Ms.

Gorti Sankarharayana 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 in 2014

in Computer Science and Engineering

Given under the Seal of the University

K. S. Murthy
Principal

PRINCIPAL
ADITYA INSTITUTE
TECHNOLOGY & MANAGEMENT
TAKKAL

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

Date: 12 MAY 2016



[Signature]
Vice-Chancellor

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

2TS 1175966



H.T No. : 0603PH0645

Mr. Chappa Ramesh
S/o. C Simhadri Appadu

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

Doctor of Philosophy
Computer Science and Engineering

Topic : "Novel Compression Algorithms for Multiband Images with a
Classification Perspective".

Given under the Seal of the University

Date: 21-04-2017



CSE

DIRECTOR OF EVALUATION

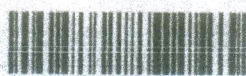
H. J. J. J.

REGISTRAR

K. B. M. M.
Principal
PRINCIPAL
ADITYA INSTITUTE
TECHNOLOGY & MANAGEMENT
TEKKAL

A. C. S.

VICE CHANCELLOR



46214000035

PC No
19610489447



Register Number
RM14CE18



SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA
(University established under Section 3 of U.G.C. Act 1956)

डॉक्टर ऑफ फिलासॅफी
Doctor of Philosophy

श्रीचन्द्रशेखरेन्द्रसरस्वतीविश्वमहाविद्यालयस्य निर्वाहकसमितिः स्वीयेन मुद्राधिकारेण उद्घोषयति

देवी प्रसन् उर्लम्

प्रबन्धम् डिसेन् आफ् ए मल्टी आब्जेक्टिव् ट्रस्ट् माडल् अण्ड् लोकलैजेषन् स्कीम् फार् सक्यूर्ड् रूटिङ्ग् इन् अण्डर्वाटर् वयर्लेस् सेन्सार् नेट्वर्क्स नामानमुपस्थाप्य एप्रिल्-२०१६ तमे वर्षे सङ्गणकयन्त्रविज्ञानम् तथा अभियन्तृविभागे डॉक्टर ऑफ् फिलासॅफी इत्युपाधिधारणे अधिकृतः/अधिकृता इति।

The Board of Management of Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya hereby makes known that

DEVEE PRASAN URLAM

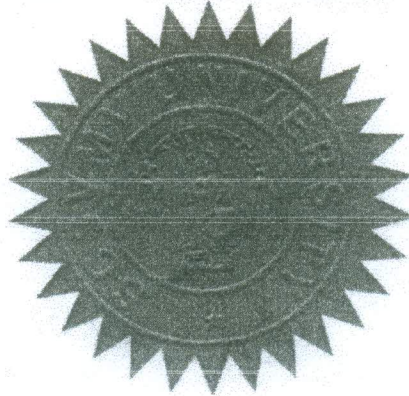
has been duly admitted to the Degree of DOCTOR OF PHILOSOPHY he/she having been certified by duly appointed Examiners, to be qualified to receive the same in APRIL-2016 in COMPUTER SCIENCE AND ENGINEERING for his/her thesis entitled DESIGN OF A MULTI OBJECTIVE TRUST MODEL AND LOCALIZATION SCHEME FOR SECURED ROUTING IN UNDERWATER WIRELESS SENSOR NETWORKS.

Given under the seal of the University.

The Ph.D. Degree has been awarded in accordance with the provisions of the regulations of the UGC

Date : 06.11.2016

C.No. : 161312



K.B. N. N. N.
Principal
PRINCIPAL
ADITYA INSTITUTE
TECHNOLOGY & MANAGEMENT
TRIKAL

G. S. S. S.

कुलसचिवः
Registrar

एनाथूर, कान्चीपुरम् - ६३१ ५६१, तमिलनाडु, इण्डिया.
Enathur, Kanchipuram - 631 561, Tamil Nadu, India.

V. S. S. S.

उप-कुलपतिः
Vice-Chancellor

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

Sl. No. K 00456959

PO. No. 2020SDP22111D09



NO IMAGE

PROVISIONAL CERTIFICATE

Hall Ticket No. : 090221P0503

Institution : JNTUK Kakinada

Aadhar No. :

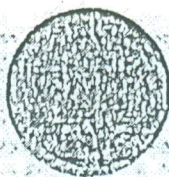
This is to certify that Mr/Mrs. D T V DHARMAJEERAO

son/daughter of Shri. SIMHACHALAM has satisfied all the

requirements for the award of Doctor of Philosophy in the faculty of

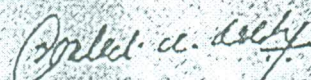
COMPUTER SCIENCE AND ENGINEERING for the Thesis entitled

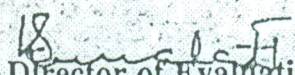
"Computational Acceleration of Deep Neural Network Training Algorithm for
Data Classification".

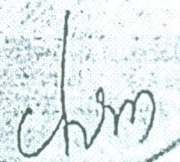


Date: 22-09-2020

Medium of Instructions and Examinations in English


Controller of Examinations


Director of Evaluation


Registrar

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

Sl. No. K 00160039
PC No. 2018DEC18P11D87



NO IMAGE

PROVISIONAL CERTIFICATE

Hall Ticket No.: 12022P0509
Institution : JNTUK Kakinada
Aadhar No. :

This is to certify that Mr/Mrs. YEGIREDDI RAMESH

son/daughter of Shri. SURYA NARAYANA has satisfied all the
requirements for the award of Doctor of Philosophy in the faculty of
COMPUTER SCIENCE AND ENGINEERING for the Thesis entitled "A
Novel Encryption/Decryption Algorithm for Symmetric Key Cryptography
using Parallel Approach".

Date : 18-12-2020

* Medium of Instructions and Examinations in English


Controller of Examinations


Director of Evaluation


Registrar

Enstr.No. GITAM/DOE/PC/Ph.D/2017

Regd.No.1260312417

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

F1637

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

This is to certify that Mr./Ms. Kalla Yogeswara Rao has qualified for the award of Doctor of Philosophy (Ph.D.) degree by Research for the Thesis entitled "Ontology Assisted Concise and Comprehensive Multi Document Summarization" and has done all that is necessary for the formal presentation of the Ph.D. degree in the Faculty of Engineering in the year 2017.


PrincipalPRINCIPAL
ADITYA INSTITUTE
TECHNOLOGY & MANAGEMENT
TIRUKALPrepared by: Verified by: 

Visakhapatnam

Date: 09-02-2017


Controller of Examinations

A 54073

Regd. No. : 1260309421

Aadhar No.: 421699012391



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

Terlapu Pandurangavital

has been duly admitted to the

Degree of Doctor of Philosophy

in

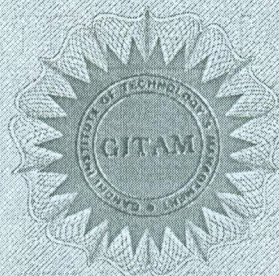
Computer Science & Engineering

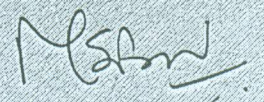
in this University, he/she having been declared to have passed
the examination prescribed therefor held in **October, 2017**

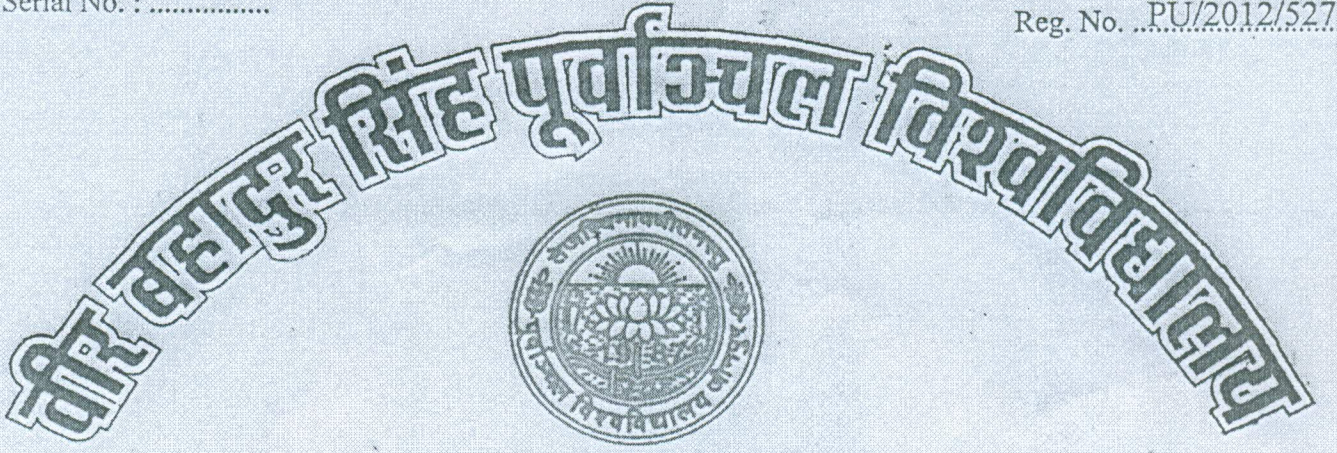
Given under the seal of the University

Visakhapatnam

07th November, 2017




Vice Chancellor



विद्या-वारिधि

प्रमाणित किया जाता है कि ----- धनुजय राव चिगुरुकोटी -----
को ----- कम्प्यूटर साईंस एण्ड इंजीनियरिंग ----- विषय में वर्ष २०१७ -----
में विद्या-वारिधि की उपाधि प्रदान की गयी ।

शोध प्रबंध का शीर्षक :

----- "वर्कलोड-ड्रिवन डिजाइन एण्ड इवैल्यूशन ऑफ लार्ज-स्केल डाटा-सेन्ट्रिक सिस्टम्स" -----

Doctor of Philosophy

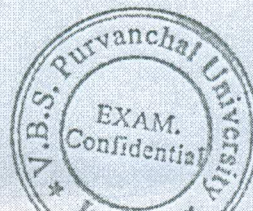
*This is to certify that ..DHANUNJAYA RAO CHIGURUKOTI
has been awarded the degree of **Doctor of Philosophy** in
year.....2017.....in...COMPUTER SCIENCE & ENGINEERING...
in this University*

The Title Of Thesis :

....."WORKLOAD-DRIVEN DESIGN AND EVALUATION
.....OF LARGE-SCALE DATA-CENTRIC SYSTEMS".....

दिनांक : Date 11 JUNE 2018

वीर बहादुर सिंह पूर्वाञ्चल विश्वविद्यालय, जौनपुर (उ०प्र०)



[Signature]
कुलपति

Sl. No. VSSUT/2017/0003

Regd. No. 13060002



सिद्धिर्भवति कर्मजा

Veer Surendra Sai University of Technology

*Upon the recommendation of the Board of Management,
hereby confers the degree of*

Doctor of Philosophy

in

Computer Science & Engineering

on

Janmenjoy Nayak

सिद्धिर्भवति कर्मजा

Who has successfully completed the prescribed requirements for
award of this degree in the year 2017

Given under the seal of the University at Burla in the
Republic of India on the 24th day of October, 2017.

Siddhi Vihar, Burla

Sambalpur - 768 018

Odisha, India

E. Saibabhai
Vice-Chancellor

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

KAKINADA - 533 003, ANDHRA PRADESH, INDIA

Sl. No. K 00446844

PC No. 2019DEC19PHD02



NO IMAGE

PROVISIONAL CERTIFICATE

Hall Ticket No. : 10022P0542

Institution : JNTUK Kakinada

Aadhar No. :

This is to certify that Mr/Mrs. **KAMESWARARAO BURAGAPU**

son/daughter of Shri. **B TRINADHARAO** has satisfied all the

requirements for the award of **Doctor of Philosophy** in the faculty of

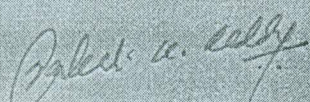
COMPUTER SCIENCE AND ENGINEERING for the Thesis entitled "An

Optimized Routing Technique for Cluster based Pollution Control MANET".

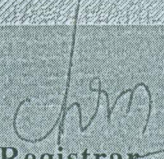


Date : 19-12-2019

* Medium of Instructions and Examinations in English


Controller of Examinations


Director of Evaluation


Registrar

Endt.No. GITAM/DOE/PC/Ph.D/2020

Regd.No.1260312450

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



F 000555

GITAM
(Deemed to be University)
(Estd. u/s 3 of the UGC Act, 1956)

Provisional Certificate Doctor of Philosophy

*This is to certify that Mr./Ms. **Ravikumar Tammineni** is qualified for the award of Degree of Doctor of Philosophy (Ph.D.) in the **Faculty of Engineering** in the year **2020** for the thesis entitled "**Some Studies on Software Defects Prediction using Soft Computing Techniques**" and he/she has fulfilled all the prescribed academic requirements.*

Prepared by:

Verified by:

Visakhapatnam

Date: 19-02-2020

Controller of Examinations

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

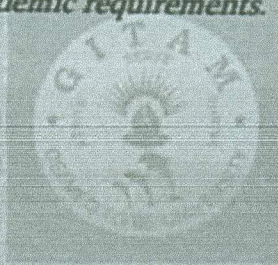


F 001203

GITAM
(Deemed to be University)
(Estd. u/s 3 of the UGC Act, 1956)

Provisional Certificate Doctor of Philosophy

This is to certify that Mr./Ms. V Balajichandrasekhar M is qualified for the award of Degree of Doctor of Philosophy (Ph.D.) in the Faculty of Engineering in the year 2021 for the thesis entitled "Some Innovative Methodologies Applied to Unbar Android Mobile Phone without Data Loss for Forensic Examination" and he/she has fulfilled all the prescribed academic requirements.



Prepared by: *vl*

Verified by: *clv*

Visakhapatnam

Date: 16-03-2021

[Signature]
Controller of Examinations

ACHARYA NAGARJUNA UNIVERSITY

Sl.No. 000108



Ref. No. **ANU/RC/Ph.D./CSE**
/KPR/3148/Oct. 2020

PROVISIONAL CERTIFICATE

'This is to Certify that

Sri/Smt./Kum. **Karu Prasada Rao**

S/o. / D/o. **Sundar 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 **MULTIMODAL FEATURE**

EXTRACTION AND FUSION FOR EMOTION RECOGNITION

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 **17-05-2021**

The Degree has been awarded in accordance with UGC Regulations 2009
Nagarjuna Nagar

Dated **20-05-2021**

Initials of the
Clerk who

} Prepared
Examined :

hau
20/05/2021
A3
20/05/2021

[Signature]
CO-ORDINATOR
Research Cell

325

ANDHRA UNIVERSITY
ఆంధ్ర విశ్వవిద్యాలయం



FACULTY OF ENGINEERING

This is to certify that

Adari Satyasreenivasa Rao

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 2014

Given under the Seal of the University

Vakkapattanam, A.P., India.

on: 29th September, 2014.

Vice-Chancellor

BERHAMPUR UNIVERSITY

BHANJA BIHAR, BERHAMPUR-760007, GANJAM (ODISHA)



PROVISIONAL CERTIFICATE

This is to certify that

DASARI YUGANDHAR

has been declared qualified for the award of
B.Litt./Ph. D. degree in ELECTRONIC SCIENCE
of this university vide Berhampur University
notification no. 1037/EXAM. Conf. Unit-II Dt. 02.04.2019

TITLE OF THE THESIS : WAVELET TRANSFORM BASED ADAPTIVE FILTERING
TECHNIQUES FOR NOISE CANCELLATION FROM
NON STATIONARY SIGNALS.

22.4.19
CONTROLLER OF EXAMINATIONS
BERHAMPUR UNIVERSITY

This is to certify that

has been duly admitted to the

77 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

Chikhapattanam, A.P., India.

9th January, -2019

Wm. H. Smith
Vice-Chancellor



FACULTY OF ENGINEERING

This is to certify that

Bonula Rama Rao

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 2015

Given under the Seal of the University

Puttapatnam, A.P., India.

29th July, 2017


Vice-Chancellor

Scanned by CamScanner

ANDHRA UNIVERSITY
ఆంధ్ర విశ్వవిద్యాలయం



FACULTY OF ENGINEERING

This is to certify that

Sateeshkumar Gudla

has been duly admitted to the

Degree of Doctor of Philosophy

Electronics and Communication Engineering

in

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

qualified to receive the same in **2013**

Given under the Seal of the University

Khamapatnam, A.P., India.

Date: 10th February, 2014

Vice-Chancellor

Scanned by CamScanner



F 001038

GITAM
(Deemed to be University)
(Estd. u/s 3 of the UGC Act, 1956)

Provisional Certificate

Doctor of Philosophy

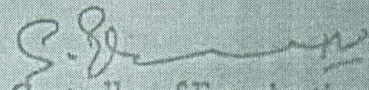
This is to certify that Mr./Ms. Venkumahanti A Kumar is qualified for the award of Degree of Doctor of Philosophy (Ph.D.) in the Faculty of Engineering in the year 2019 for the thesis entitled "Novel Approaches for Digital Image Watermarking based on Wavelets, Bilinear Interpolation, Edge and Bit Patterns" and he/she has fulfilled all the prescribed academic requirements.

Prepared by: 

Verified by: 

Visakhapatnam

Date: 18-03-2019


Controller of Examinations

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

00446846

2019DEC19PHD04



NO IMAGE

PROVISIONAL CERTIFICATE

Hall Ticket No. : 10022P0474

Institution : JNTUK Kakinada

Aadhar No. :

This is to certify that Mr/Mrs. M V H BHASKARA MURTHY

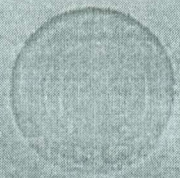
son/daughter of Shri. M V S R C MURTY has satisfied all the

requirements for the award of Doctor of Philosophy in the faculty of

ELECTRONICS & COMMUNICATION ENGINEERING for the Thesis

entitled "HAC (Hybrid Ant Colony) OLSR for Improved Quality of Service

in Multimedia Traffic".



Disposal No. 102/2199/2013 dt 9/07/2013

91/2011-2012 (23-11-2011) 10 Dec 11

Ph. D. / FI

ANDHRA UNIVERSITY

656



PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. M.N.V.S.S. KUMAR

has qualified himself / herself for the award of Doctor of Philosophy Degree by Research
for the Thesis submitted by him / her entitled "DEVELOPMENT OF SUBMARINE/AUV
UNDERWATER NAVIGATION TECHNIQUES USING IMAGING SONAR"

that he / she has done all that is necessary for the formal presentation for the
award of Doctor of Philosophy in ELECTRONICS & COMMUNICATION ENGINEERING
the year 2013

RAK HAPATNAM

15/07/2013

DEPUTY REGISTRAR (ACADEMIC)

Prepared: MD

Examined: V

TR/8627/2018. Dt 01/04/2019

12/0(18-08-2016) 30 Bks. each 100 Pages

ANDHRA UNIVERSITY

666



PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. / Kum. KAREDLA CHITAMBARA RAO.....
has qualified, himself/herself for the Award of Doctor of Philosophy Degree by
Research for the Thesis submitted by him / her entitled "PERFORMANCE EVALUATION
OF COMPACT MULTI-BAND ANTENNA STRUCTURES FOR MULTIPLATFORM
BASED SATELLITE COMMUNICATION APPLICATIONS.....

and that he / she has done all that is necessary for the formal presentation for the Degree of
Doctor of Philosophy in ELECTRONICS & COMMUNICATION ENGINEERING
in the year 2019....

VISAKHAPATNAM

01/04/2019.... 2019

DEPUTY REGISTRAR (ACADEMIC)

Prepared by: M. S. S. S.
Examined by: S. S. S. S.

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



3200001472

Sl. No. PC 00956799



PROVISIONAL CERTIFICATE



Ticket No.: 1203PH0837

This is to certify that Mr. HARIHARA SANTOSH DADI

son of Mr. RAMALINGA SWAMY

has satisfied all the requirements for the award of Doctor of Philosophy

in the faculty of ELECTRONICS & COMMUNICATION ENGINEERING

of this University, held in January, 2020 for the thesis entitled,

Weighted Running Window Background Model Bases GMM for Tracking Humans in Surveillance Videos.

002
Certified by

Hyderabad - T.S.

Director of Evaluation

REGISTRAR

20 January 2020

(3)/8849/2019 Date 16/02/2020

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

ANDHRA UNIVERSITY

2095



PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. / Kum. VENKATA KRISHNA MOHAN GSSS
has qualified himself/herself for the Award of Doctor of Philosophy Degree by
research for the Thesis submitted by him / her entitled STUDIES ON
SHUFFLED FROG LEAPING ALGORITHM FOR
FRACTIONAL ORDER DIFFERENTIATOR AND ITS
APPLICATIONS IN NOISY ELECTROCARDIOGRAMS

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

2020

MAHAPATNAM

2020

Prepared : NE

Examined : [Signature]

M. Hemadik
DEPUTY REGISTRAR (ACADEMIC)

Reg. No. (2)/9038/2020, Date 07/11/2020

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

ANDHRA UNIVERSITY



Reg. No. 587

PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. / Kum. CHINTADA RAJASEKHARA RAO
has qualified himself/herself for the Award of Doctor of Philosophy Degree by
Research for the Thesis submitted by him / her entitled "PRECISE 3D
VISUALIZATION OF MRI BRAIN TUMORS"

and that he / she has done all that is necessary for the formal presentation for the Degree of
Doctor of Philosophy in ELECTRONICS AND COMMUNICATION ENGINEERING
in the year 2020.

VIZAGPATNAM

13/11/2020

Prepared: ME
Examined: ME

M. Hemma Dik
DEPUTY REGISTRAR (ACADEMIC)

15/05/2020 11/10/2020

(20/10/2018) STGAS, ANDHRA UNIVERSITY

ANDHRA UNIVERSITY



No. 581

PROVISIONAL CERTIFICATE

It is to certify that Sri / Smt. SRINIVASARAMANANDU M
has submitted himself/herself for the award of Doctor of Philosophy Degree by
submitting the thesis submitted by him/her entitled "STUDIES ON SOFT
COMPUTING TECHNIQUES FOR MULTILEVEL
THRESHOLDING IMAGE SEGMENTATION"

and that he/she has done all that is necessary for the formal presentation for the Degree of
Doctor of Philosophy in ELECTRONICS AND COMMUNICATION ENGINEERING
in the year 2020.

WITNESSETH

11/10/2020

Prepared by: [Signature]
Examined by: [Signature]

[Signature]
DEPUTY REGISTRAR (ACADEMIC)

ACHARYA NAGARJUNA UNIVERSITY



Sl. No. 000085

Ref. No. ANU/RC/Ph.D./ECE
/KV/3174/Nov. 2020

PROVISIONAL CERTIFICATE

This is to certify that

Mr. K Venkatalalithabhavani

Mr. K Apparao

has completed the requirements for the award of the Degree of Doctor of Philosophy by Research for the

Thesis entitled *DESIGN AND ANALYSIS OF*

DEFECTED GROUND STRUCTURE BASED CIRCULAR PATCH ULTRA-

WIDE BAND ANTENNA WITH MULTI BAND NOTCHED

CHARACTERISTICS

and has performed all that is necessary for the formal presentation for the Degree of

Doctor of Philosophy in *ELECTRONICS AND COMMUNICATION ENGINEERING*

of the Faculty of *ENGINEERING*

on the date *04-04-2021*

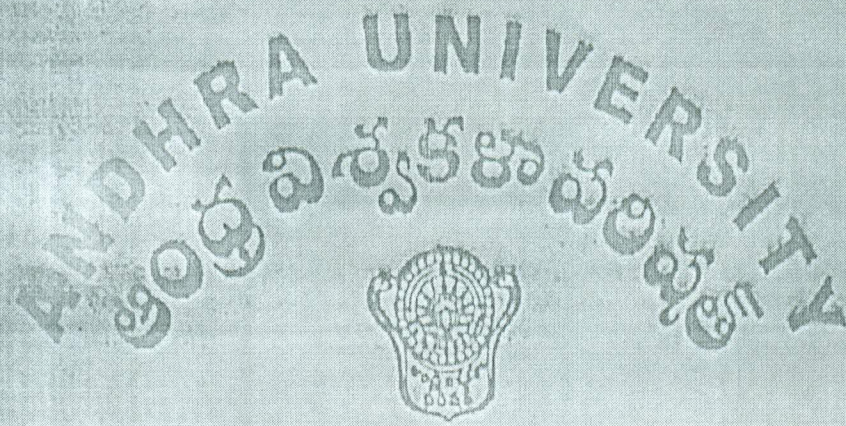
The Degree has been awarded in accordance with UGC Regulations 2009

Signature of

06-04-2021

Signature of
Signature of
Signature of

Signature of
COORDINATOR
Research



FACULTY OF ENGINEERING

This is to certify that

Kiran Kumar Patro

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 2018.

Given under the Seal of the University

India.

Coor/S
Vice-Chancellor

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



F 001194

GITAM
(Deemed to be University)
(Established u/r 3 of the UGC Act, 1956)

Provisional Certificate Doctor of Philosophy

This is to certify that Mr./Ms. Sirish Kumar Pagoti is qualified for the award of Degree of Doctor of Philosophy (Ph.D.) in the Faculty of Engineering in the year 2021 for the thesis entitled "A Novel Kinematic Positioning Algorithm for Improved Accuracy of GNSS/ GPS Applications over Low Latitude Indian Subcontinent" and he/she has fulfilled all the prescribed academic requirements.

Prepared by: *[Signature]*

Verified by: *[Signature]*

Visakhapatnam

Date: 04-03-2021

[Signature]
Controller of Examinations

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

RF 302758

B129949



420001124722



Mr. Kanchari Bavajigari Madhu Lahu

S/o Mr. K Narasimhulu

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

Doctor of Philosophy

Electrical and Electronics Engineering

Topic: 'Electromagnetic and Image Charge Effects on Metallic Particle Contamination in Gas Insulated Substation (GIS) or Gas Insulated Busduct (GIB)'

Given under the Seal of the University

H.T. No: 410716EE/PH

Date: 28-04-2011

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY



The seal of Andhra University is a circular emblem. It features a central sun-like symbol with rays, surrounded by a wreath. The text "ANDHRA UNIVERSITY" is inscribed around the top inner edge of the circle, and "FOUNDED 1926" is at the bottom.

FACULTY OF ENGINEERING

This is to certify that

Darapureddi V. 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 2010.

Gives under the Part of the University

VISAKHAPATNAM

13th June, 2011

Vice-Chancellor

Disposal No.

2/7639/2015, dt 23/11/2015

342 (42/G) (10-01-2014) 10 Books each 100 pages

ANDHRA UNIVERSITY



Serial No. 542

PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. / Kum. CH. RAVI KUMAR

has qualified himself / herself for the Award of Doctor of Philosophy Degree by Research for the Thesis submitted by him / her entitled DESIGN OF FUZZY LOGIC CONTROLLER BASED ON PRISONER'S DILEMMA AND LYAPUNOV SYNTHESIS - APPLICATION TO PUMA-560 ROBOT MANIPULATOR

and that he / she has done all that is necessary for the formal presentation for the Degree of Doctor of Philosophy in ELECTRICAL ENGINEERING in the year 2015.

VISAKHAPATNAM

Dated 28/12/2015

Initials of the } Prepared : me
Clerk who } Examined : SPD

H. Hema Datta
DEPUTY REGISTRAR (ACADEMIC)



FACULTY OF ENGINEERING

This is to certify that

Kalyana Kiran Kumar

has been duly admitted to the

Degree of Doctor of Philosophy

in **Electrical 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: 29th July, 2017


Vice-Chancellor

Sambalpur University

ସମ୍ବଲପୁର ବିଶ୍ୱବିଦ୍ୟାଳୟ



DOCTOR OF PHILOSOPHY

This is to Certify that

Pramod Kumar Gouda

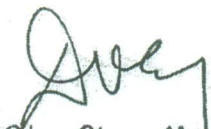
having passed the examination for the degree of

Doctor of Philosophy

*in Electrical Engineering, under the Faculty of Science and Technology
held in the month of December, 2016, was this day admitted to
the degree.*

JYOTI VIHAR, BURLA
ODISHA, INDIA

The 6th January, 2018


Vice-Chancellor

No. NIT/ACD/2020/ 362

Date : 13/11/2020

NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR
JAMSHEDPUR - 831014



PROVISIONAL CERTIFICATE
for the degree of
DOCTOR OF PHILOSOPHY

Certified that Mr. Balamurali Pydi, Registration No. 2012RSE003 of the Department of Electrical Engineering has successfully completed Doctor of Philosophy.

The Ph.D. Viva-Voce examination was held on 21.09.2020

The title of the Ph.D. thesis is "Maximum Power Point Tracking of I-V System by Employing Controller With Optimization Techniques."

This certificate is issued this day, the 13th November 2020, with the approval of the competent authority.

S. A. Hudson

Dy. Registrar (Academic)

Note: Validity of the certificate will expire after the degree is awarded in the next convocation

DEPUTY REGISTRAR (ACADEMIC)
National Institute of Technology

Jamshedpur

National Institute of Technology

Jamshedpur

DEAN (ACADEMIC)

Dean (Academic)

A. S. D.

Enrollment No.

JNU14(W)ET101009

S.No. 13161

जोधपुर राष्ट्रीय विश्वविद्यालय, जोधपुर
Jodhpur National University, Jodhpur



The Chairman and Members

of

The Board of Management confer on

SRINIVASA RAO BUDI

the degree of

**DOCTOR OF PHILOSOPHY
IN**

**FACULTY OF ENGINEERING & TECHNOLOGY
(ELECTRICAL ENGINEERING)**

in the year 2017.

Topic: "POWER QUALITY IMPROVEMENT BY USING DISTRIBUTED POWER
FLOW CONTROLLER."

President (Vice-Chancellor)



Jodhpur

Registrar

Printed On: 15-JANUARY-2018



छत्तीसगढ़, भारत
CHHATTISGARH, INDIA

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



शोध प्रबंध शीर्षक : ए न्यू मैथोडोलोजी फोर एवालुएशन लाइटनिंग चॅनेल-बेस-करंट फंक्शन पैरामिटरस फ्रॉम मेजरड मैग्नेटिक फिल्ड ऐंड ए स्टडी ऑन टैस्ट इम्पल्स वेवफॉर्मस

विषय : इलेक्ट्रिकल इंजीनियरिंग

भारतीय गणराज्य के अंतर्गत रायपुर में, दिनांक 1 दिसंबर, 2020 को संस्थान की मुद्रांकित यह उपाधि दी गई।

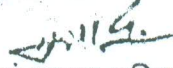
National Institute of Technology Raipur upon the recommendation of the Senate hereby confers the degree of Doctor of Philosophy on Gandhi Ramarao

Title of Research : A New Methodology for Evaluating Lightning Channel-Base-Current Function Parameters from Measured Magnetic Field and a Study on Test Impulse Waveforms

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
रायपुर, 01 दिसंबर 2020
Raipur, 01 December 2020


अध्यक्ष, शासी निकाय
Chairman
Board of Governors

ANDHRA UNIVERSITY



FACULTY OF COMMERCE AND MANAGEMENT STUDIES

This is to certify that

Dooda Vishnu Murty

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 2009.*

Given under the Seal of the University

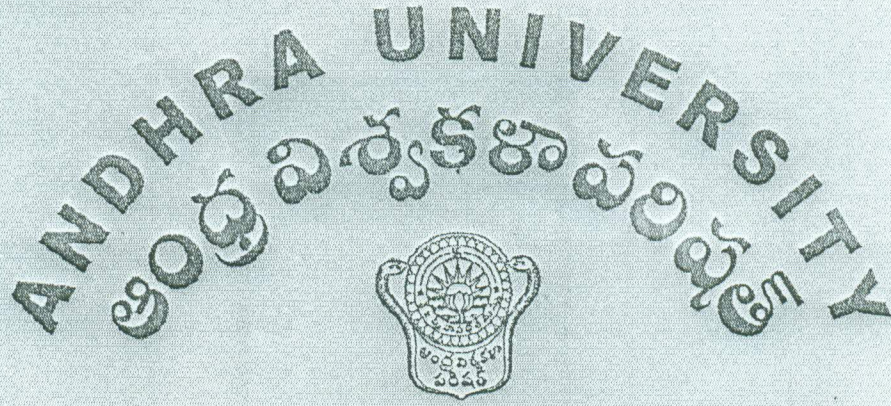
VISAKHAPATNAM

5th December, 2009

P. S. Channarayana
10-12-09

Vice-Chancellor

Re



FACULTY OF ENGINEERING

This is to certify that

D. Azad

has been duly admitted to the

Degree of Doctor of Philosophy

in **Mechanical Engineering**

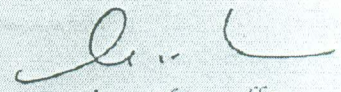
in this University, he/she having been declared to be

qualified to receive the same in **2014**

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date: 29th September, 2014.


Vice-Chancellor

National Institute of Technology, Warangal



upon the recommendation of the Senate
hereby confers the degree of

Doctor of Philosophy

on

Sreeramulu Dowluru

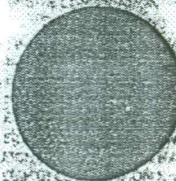
who has successfully completed the prescribed requirements for the award of
the degree in the Department of

Mechanical Engineering

Given under the seal of the Institute at Warangal

in the Republic of India on Twenty Seventh day of August Two Thousand Eleven


Director &
Chairman, Senate




Chairman
Board of Governors

ANDHRA UNIVERSITY
ఆంధ్ర విశ్వవిద్యాలయం



FACULTY OF ENGINEERING

This is to certify that

Chintu Janardhanarao

has been duly admitted to the

Degree of Doctor of Philosophy

in **Mechanical Engineering**

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 : 10th February, 2014


Vice-Chancellor

भारतीय प्रौद्योगिकी संस्थान दिल्ली

अभिपद श्री अनुशीर्ष पर

विद्या वाचस्पति

की उपधि पदद्वारा

वंडाना चिट्टि बाबू

को प्रदान करता है।

संक्षेप शीर्षक : एक्सपेरिमेंटल ऐण्ड न्यूमेरिकल स्टडीज ऑन मेकेनिकल बिहेवियर ऑफ बोवाइन कॉर्टिकल बोन यूजिंग रेक्टंगुलर मिनिअर
स्पेसिमेन्स।

भारतीय गणराज्य के अन्तर्गत दिल्ली में आज, दिनांक 14 अगस्त 2011 को संस्थान की मुद्रा अंकित यह उपधि दी गई।

Indian Institute of Technology Delhi

Upon the recommendation of the Senate hereby confers the degree of

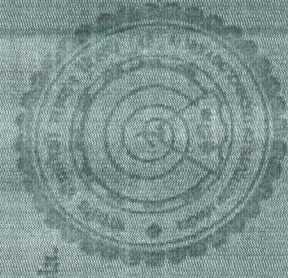
Doctor of Philosophy

on

VANDANA CHITTI BABU

Thesis title : EXPERIMENTAL AND NUMERICAL STUDIES ON MECHANICAL BEHAVIOUR OF BOVINE CORTICAL BONE USING
RECTANGULAR MINIATURE SPECIMENS.

Given this day, the 14th of August 2011, under the seal of the Institute at Delhi in the Republic of India.



U. Prasad

प्रेसिडेंट, बोर्ड ऑफ़ गवर्नर्स
Chairman, Board of Governors

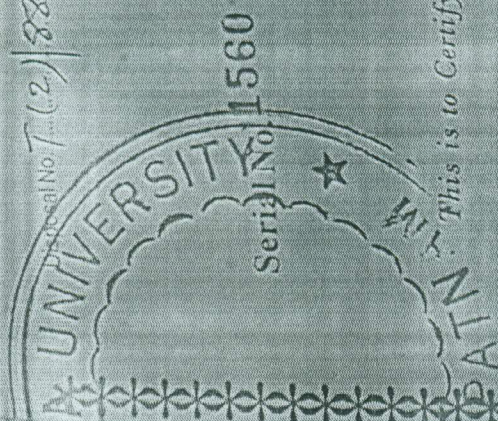
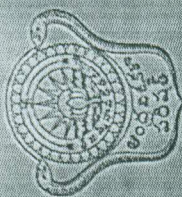
Vandana Chitti Babu

डिप्टी चैप्टन, ऑफ़िस
Deputy Chairman, Office

Vandana Chitti Babu

रेजिस्ट्रार
Registrar

2019 Date 04/01/2021
88888/2019
ANDHRA UNIVERSITY



PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. / Kum. PAKULI SRIHARI
has qualified himself/herself for the Award of Doctor of Philosophy Degree by
Research for the Thesis submitted by him / her entitled "SOME STUDIES ON
VERTICAL DYNAMIC BEHAVIOR OF INDIAN RAILWAY ICE
SLEEPER COACH"

and that he / she has done all that is necessary for the formal presentation for the Degree of
Doctor of Philosophy in MECHANICAL ENGINEERING
in the year 2021

VISAKHAPATNAM

Date 08/01/2021

Initials of the Clerk who Prepared : PA
Examined : PA

T. Hemma Dik
DEPUTY REGISTRAR (ACADEMIC)

ACHARYA NAGARJUNA UNIVERSITY

Sl.No. 000534

Ref. No. ANU/RC/Ph.D./
ME/SSRR/2468/Aug. 2018



PROVISIONAL CERTIFICATE

This is to Certify that

Sri/Smt./Kum. Sivasankara Raju R

S/o. / D/o. Brahmaraju Rallabandi

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

Thesis submitted by him/her entitled FABRICATION,

CHARACTERIZATION AND TRIBOLOGICAL PERFORMANCE OF

ALUMINIUM COCONUT SHELL ASH PARTICULATE COMPOSITES

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

Doctor of Philosophy in Mechanical Engineering

in the Faculty of Engineering

with effect from 24-07-2019

The Degree has been awarded in accordance with UGC Regulations 2009

Nagarjuna Nagar

Dated 25-07-2019

Initials of the
Clerk who

Prepared : BVS
Examined : 25/7/19

W. S. S. S.
CO-ORDINATOR
Research Cell

Serial No. 181810

Enrolment No. 13923019

भारतीय प्रौद्योगिकी संस्थान रुड़की

अभिषद् की अनुशंसा पर

विद्या वाचस्पति

की उपाधि

दुब्बा संतोष कुमार

को

शोध प्रबन्ध शीर्षक: एन एक्सपेरिमेंटल स्टडी ऑन दि फ्लो ऑफ रेफ्रिजरेन्ट्स थ्रू ए कैपिलरी ट्यूब
भारतीय गणराज्य के अन्तर्गत रुड़की में आज, दिनांक अक्टूबर 7, 2018, संस्थान की मुद्रा अंकित यह उपाधि दी गई।

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

on the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

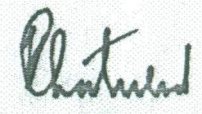
upon

DUBBA SANTHOSH KUMAR

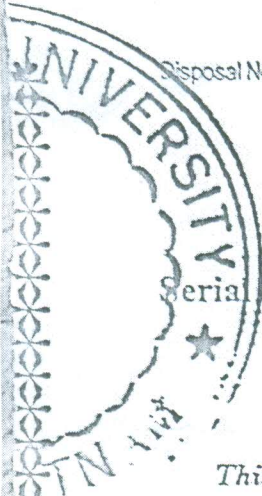
Thesis Title: AN EXPERIMENTAL STUDY ON THE FLOW OF REFRIGERANTS THROUGH A CAPILLARY TUBE

Given this day, October 7, 2018, under the seal of the Institute at Roorkee in the Republic of India.


कुलसचिव
Registrar


अध्यक्ष, अभिषद् एवं निदेशक
Chairman, Senate & Director





Disposal No. T(2)/8552/2017 Date 04/11/2019

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

ANDHRA UNIVERSITY



1313

Serial No.

PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. / Kum. PEDAPENKI DINAKAR
has qualified himself/herself for the Award of Doctor of Philosophy Degree by
Research for the Thesis submitted by him / her entitled INVESTIGATION
OF SHEAR CRITICAL REINFORCED CONCRETE
BEAMS AND PILE CAPS

and that he / she has done all that is necessary for the formal presentation for the Degree of
Doctor of Philosophy in CIVIL ENGINEERING
in the year 2019...

VISAKHAPATNAM

Dt. 25/11/2019

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

M. Hemra Dake
DEPUTY REGISTRAR (ACADEMIC)



FACULTY OF ENGINEERING

This is to certify that

B. Visweswara Reddy

has been duly admitted to the

Degree of Doctor of Philosophy

in **Geo-Engineering**

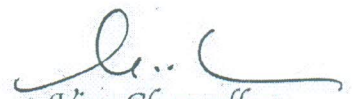
in this University, he/she having been declared to be

qualified to receive the same in **2013**

Given under the Seal of the University.

Visakhapatnam, A.P., India.

Date : 10th February, 2014


Vice-Chancellor

Civil - Ph.D. in Civil



FACULTY OF ENGINEERING

This is to certify that

Chintaganti Vasudeva Rao

has been duly admitted to the

Degree of Doctor of Philosophy

in Geo-Engineering

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

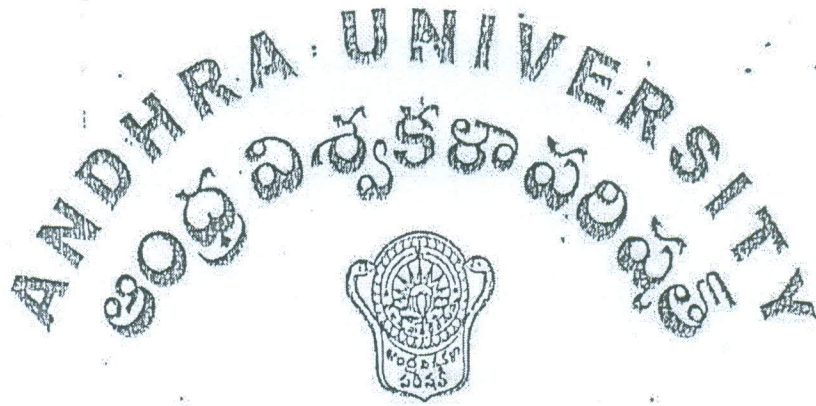
qualified to receive the same in 2016

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date : 29th July, 2017


Vice-Chancellor



FACULTY OF ENGINEERING

This is to certify that

Varudu Sowjanya Vani

has been duly admitted to the

Degree of Doctor of Philosophy

in Civil Engineering

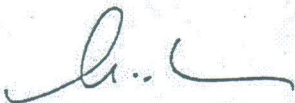
in this University, he/she having been declared to be

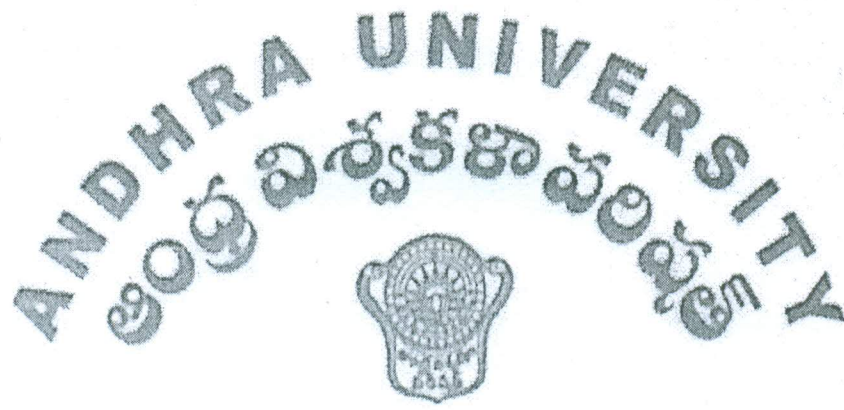
qualified to receive the same in 2013

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date: 29th September, 2014.


Vice-Chancellor



FACULTY OF SCIENCE

This is to certify that

H Rama Mohan

has been duly admitted to the

Degree of Doctor of Philosophy

in **Environmental Sciences**

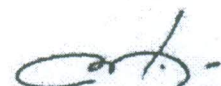
in this University, he/she having been declared to be

qualified to receive the same in **2015**

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date: 29th July, 2017


Vice-Chancellor

भारतीय प्रौद्योगिकी संस्थान रुड़की

अभिप्राय की अनुमति पर

विद्या वाचस्पति

की उपाधि

बालेन्द्र मोलि मर्रापू

को

शोध प्रबन्ध शीर्षक: रैपिड असेसमेंट ऑफ स्टीबिलिटी ऑफ सॉइल स्लोस यूजिंग एन एंड मल्टीपल रिग्रेशन
भारतीय गणराज्य के अन्तर्गत रुड़की में आज, दिनांक अक्टूबर 7, 2018, संस्थान की मुद्रा अंकित यह उपाधि दी गई।

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

on the recommendation of the Senate hereby confers the degree of

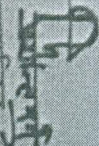
Doctor of Philosophy

upon

BALENDRA MOULI MARRAPU

Thesis Title: RAPID ASSESSMENT OF STABILITY OF SOIL SLOPES USING ANN AND MULTIPLE REGRESSION

Given this day, October 7, 2018, under the seal of the Institute at Roorkee in the Republic of India.


कुलसचिव
Registrar


अध्यक्ष, अभिप्राय एवं निदेशक
Chairman, Senate & Director





**FACULTY OF COMMERCE and
MANAGEMENT STUDIES**

This is to certify that

Koppala Venu Gopal

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* **2013**

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date : **10th February, 2014**


Vice-Chancellor

Berhampur University



DOCTOR OF PHILOSOPHY

This is to certify that

B. Siva Kumar

having passed the examination

for the degree of

DOCTOR OF PHILOSOPHY

in faculty of Commerce and Management
(Business Administration)
on the thesis "Motivation, Job

Satisfaction and Organisational
Commitment among Bank
Managers"

held in the month of February, 2013

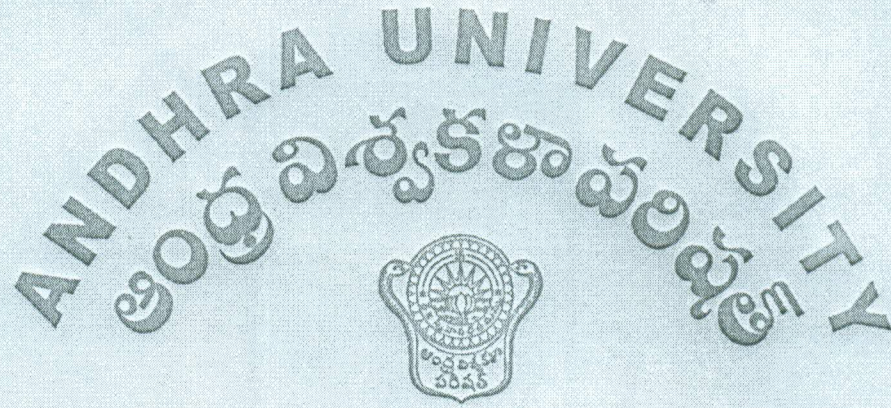
was this day admitted to the degree.

BERHAMPUR UNIVERSITY, BHANJA BIHAR,
 BERHAMPUR-760 007.

Dated the
5-7-13

- 7 JUN 2013

[Signature]
 Vice-Chancellor



FACULTY OF COMMERCE AND
MANAGEMENT STUDIES

This is to certify that

Bora Balaram

has been duly admitted to the

Degree of Doctor of Philosophy

in **Commerce and Management Studies**

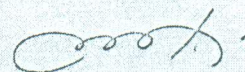
in this University, he/she having been declared to be

qualified to receive the same in **2015**

Given under the Seat of the University

Visakhapatnam, A.P., India.

Date: 29th July, 2017


Vice-Chancellor

Serial No.: BU-17044



Notification No.: 2723/31.05.2016



BERHAMPUR UNIVERSITY

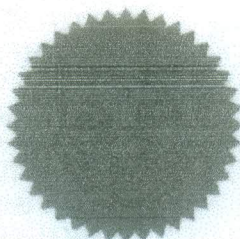
(ACCREDITED WITH 'A' GRADE BY NAAC)

This is to certify that
Saumendra Das
having passed the examination
for the degree of
Doctor of Philosophy
in the faculty of
Business Studies and Management
(Business Administration)
on the thesis:

"Advertising Effectiveness : A Study of Selected Television Channels"

held in the month of May 2016
was this day admitted to the degree.

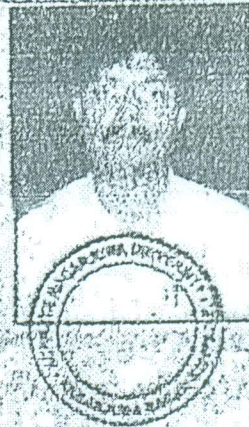
Bhanja Bihar
Berhampur - 760007 (Odisha)
Date 10 March 2017



Rajendra P. Das
Vice-Chancellor

Regd. No.

00140



FACULTY OF PHYSICAL SCIENCES

This is to certify that

Mr./Ms. *Kajja Mahanathi Senthikumar*

has been duly admitted to the

Degree of Doctor of Philosophy

in this University, he/she having been declared to

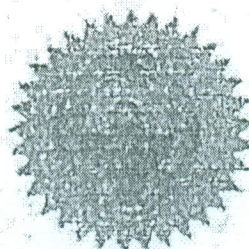
be qualified to receive the same in *2014*

in *Mathematics*

Given under the Seal of the University

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

Date: *12 MAR 2014*



K. V. S.
Vice-Chancellor

ANDHRA UNIVERSITY
ఆంధ్ర విశ్వవిద్యాలయం



FACULTY OF SCIENCE

This is to certify that

Gopal Vasanti

has been duly admitted to the

Degree of Doctor of Philosophy

Mathematics

in

in this University, as she having been declared to be

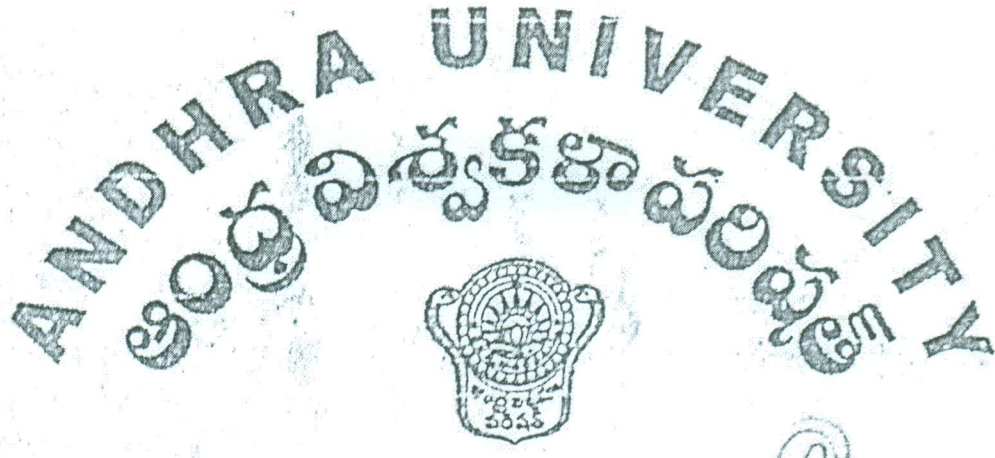
qualified to receive the same in **2012**

Given under the Seal of the University

Witnessed at India

Date **10th February, 2014**

Signature
Vice-Chancellor



FACULTY OF SCIENCE

This is to certify that

Agatamudi Lakshmana Rao

has been duly admitted to the

Degree of Doctor of Philosophy

in Statistics

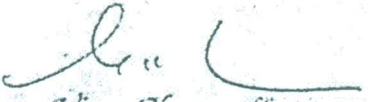
in this University, he/she having been declared to be

qualified to receive the same in 2013.

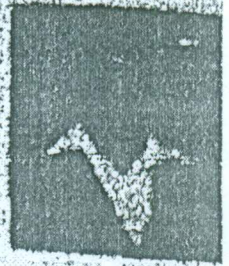
Given under the Seal of the University

Visakhapatnam, A.P., India.

Date : 10th February, 2014


Vice-Chancellor

ACHARYA NAGARJUNA UNIVERSITY
ఆచార్య నాగార్జున విశ్వవిద్యాలయం



FACULTY OF COMMERCE & MANAGEMENT STUDIES

This is to certify that
Mr./Ms. Rajesh Budumuru

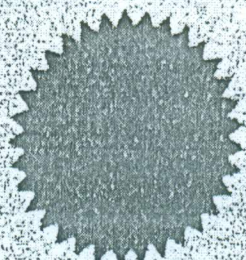
has been duly admitted to the
Degree of Doctor of Philosophy
in this University, he/she having been declared to be qualified to
receive the same with effect from 05 November 2016

in the Department of Commerce & Business Administration

Title of the Thesis: A STUDY ON THE EFFECTIVENESS OF MARKETING
SHANDIES IN TRIBAL AREA

The Degree has been awarded in accordance with UGC regulations 2009

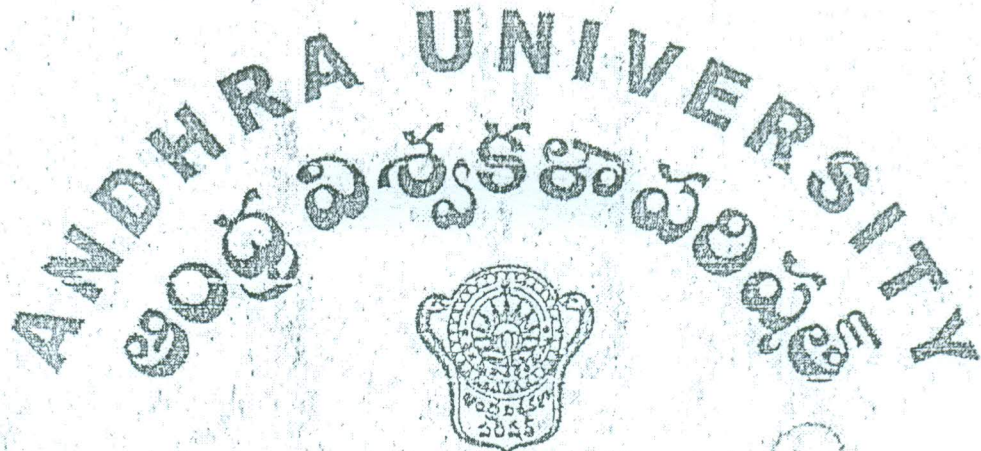
Given under the Seal of the University



Nagarjuna Nagar-522 510
A.P. India

Vice-Chancellor

Date: 20 SEP 2016



FACULTY OF SCIENCE

This is to certify that

M Venkata Ratnamani

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 2015

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date : 29th July, 2017


Vice-Chancellor

Nottingham University



DOCTOR OF PHILOSOPHY

This is to certify that

Chintan Prasad Pattnaik

having passed the examination

for the degree of

DOCTOR OF PHILOSOPHY

in faculty of Business Administration

on the thesis *A Study on Provision*

of Micro Finance in Gujarat

Dr. Oshon

held in the month of February 2012

was this day admitted to the degree

THE VICE-CHANCELLOR, NOTTINGHAM
UNIVERSITY

Vice-Chancellor

62
1(2)/8620/2018 Date 25/04/2019

ANDHRA UNIVERSITY



PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. / Kum. SUDHEER KUMAR PATIL

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

Research for the Thesis submitted by him / her entitled "EXISTENCE OF FIXED

POINTS, COMMON FIXED POINTS AND BEST PROXIMITY

POINTS IN VARIOUS METRIC SPACES"

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 year 2019

VISAKHAPATNAM

Date 25/04/2019

Initials of the Clerk who Prepared : *MS* Examined : *MS*

DEPUTY REGISTRAR (ACADEMIC)

145844

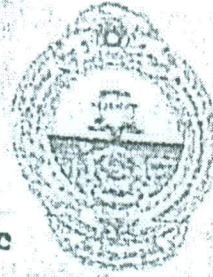
Andhra University Press, Visakhapatnam



Serial No. 1907

ACHARYA NAGARJUNA UNIVERSITY

Sr.No. 000078



Ref. No. ANU/RC/Ph.D./Commerce
/NS/1760/April 2016

PROVISIONAL CERTIFICATE

This is to Certify that

Sr/Smt./Kum. **Saibabu Neyyila**

S/o./D/o. **Rama Murty**

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 STUDY ON THE**

PERCEPTION OF ARTISANS TOWARDS HANDICRAFTS BUSINESS

AND SCHEMES IN ANDHRA PRADESH. "A CASE STUDY OF ANDHRA

PRADESH HANDICRAFTS DEVELOPMENT CORPORATION LIMITED",

HYDERABAD

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

Doctor of Philosophy in **COMMERCE AND BUSINESS ADMINISTRATION**

in the Faculty of **COMMERCE AND MANAGEMENT STUDIES**

with effect from **22-03-2021**

The Degree has been awarded in accordance with UGC Regulations 2009

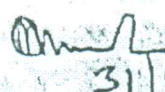
Nagarjuna Nagar

Dated **25-03-2021**

Initials of the
Clerk who

Prepared
Examined

25/03/2021
A-3
31/3/2021


31/03/21
CO-ORDINATOR
Research Cell



FACULTY OF ARTS

This is to certify that

Peerla Prasantham

has been duly admitted to the

Degree of Doctor of Philosophy

in **English**

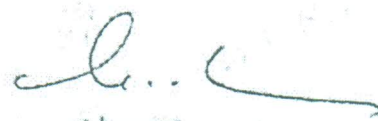
in this University, and she having been declared to be

qualified to receive the same in **2014**

Given under the Seal of the University

Visakhapatnam, A.T., India

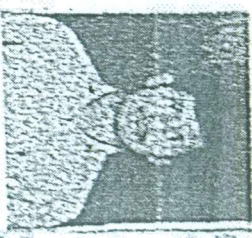
Date: 02nd June, 2015


Vice-Chancellor

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS-703307



H.T. NO.: 1003PH1721

*Mr. Gunaiah Ramanaidu J
P/a. Dileera*

having fulfilled the academic requirements in *June, 2016*
has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy
Physics*

Topic: "Ecoastic, Densimetric and Thermodynamic Studies of Solate -
Solvent Interactions in Copper Salphate Like Solutions".

Given under the Seal of the University

Date: 21-04-2017



DIRECTOR OF EVALUATION

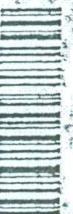
REGISTRAR

VICE CHANCELLOR

Signature

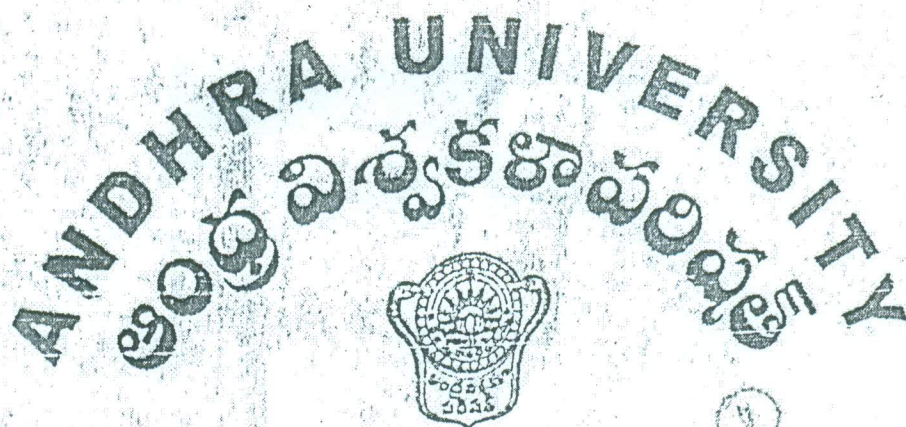
Signature

Signature



461061434906

PC No
316000365



FACULTY OF SCIENCE

This is to certify that

Ramanaiah Malla

has been duly admitted to the

Degree of Doctor of Philosophy

Chemistry

in

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

qualified to receive the same in **2016**

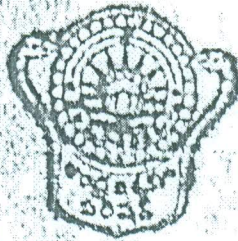
Given under the Seal of the University

Visakhapatnam, A.P., India.

Date: 29th July, 2017


Vice-Chancellor

AMDERA UNIVERSITY



FACULTY OF SCIENCE

(3)

This is to certify that

Rama Raju Bondi

has been duly admitted to the

*Degree of Doctor of Philosophy
in Inorganic & Analytical Chemistry*

*in this University, he having been declared to be
qualified to receive the same in 2012.*

Given under the Seal of the University

VISAKHAPATNAM

21st October 2012.

[Signature]
Vice-Chancellor

Indian Institute of Technology Madras

having conferred the degree of
 Doctor of Philosophy
 of the Institute
 on

POTHUMAHANTHI H K CHARAN

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

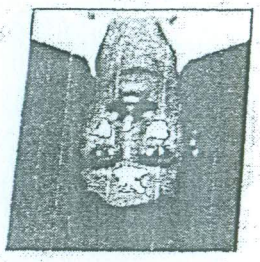
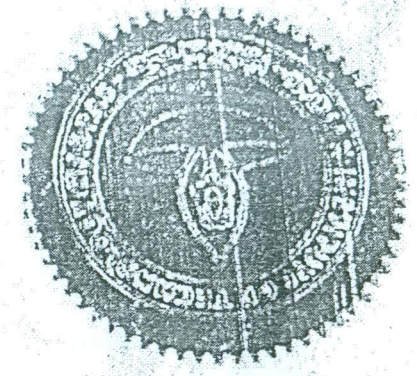
METAL/METAL-OXIDE GRAFTED SBA-15 MESOPOROUS MATERIALS AND
 THEIR CATALYTIC APPLICATIONS

Given this day the Twentyfourth of July, 2015
 under the seal of the Institute

Registrar
 VGS

Director
 B. K.

Chairman, Board of Governors
 K. Srinivasan





FACULTY OF ENGINEERING

This is to certify that

B. Venkata Ramana

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

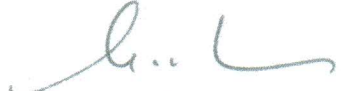
qualified to receive the same in **2014**

Given under the Seal of the University

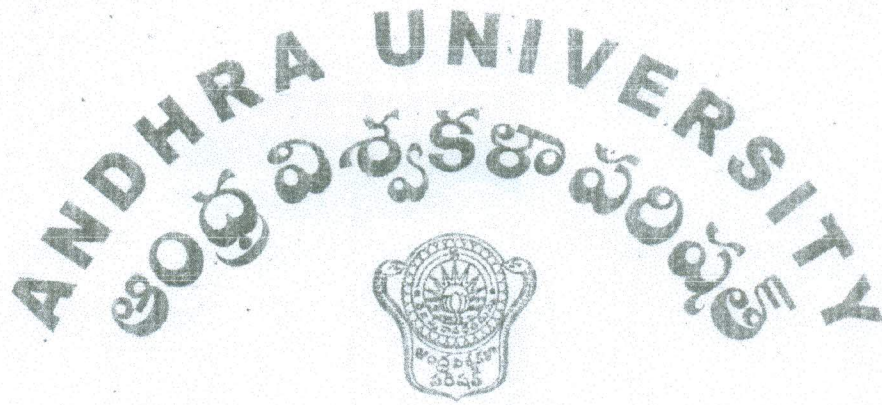
Visakhapatnam, A.P., India.

Date: 29th September, 2014.


Principal
PRINCIPAL
ADITYA INSTITUTE
TECHNOLOGY & MANAGEMENT
TIRUKKAL


Vice-Chancellor

29



FACULTY OF ENGINEERING

This is to certify that

Gali Nageswara Rao

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

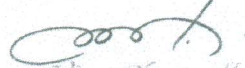
qualified to receive the same in **2015**

Given under the Seal of the University

Visakhapatnam, A.P., India.

Date : 29th July, 2017


Principal
PRINCIPAL
ADITYA INSTITUTE
TECHNOLOGY & MANAGEMENT
TAKKAL


Vice-Chancellor



Disposal No. T(2)/8766/2017, Dt. 26/10/2019

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

ANDHRA UNIVERSITY



Serial No. 1248

PROVISIONAL CERTIFICATE

This is to Certify that Sri / Smt. / Kum. RAMESHNAIDU BALAKA.....
has qualified himself/herself for the Award of Doctor of Philosophy Degree by
Research for the Thesis submitted by him / her entitled "DEVELOPMENT OF.....
MULTIMODAL BIOMETRIC AUTHENTICATION SYSTEM: AN.....
EXPERIMENTAL INVESTIGATION....."

and that he / she has done all that is necessary for the formal presentation for the Degree of
Doctor of Philosophy in COMPUTER SCIENCE & SYSTEMS ENGINEERING
in the year 2019....

VISAKHAPATNAM

Dt. 29.10.2019

Initials of the
Clerk who

Prepared : M
Examined : Shy

M. Hema Dik
DEPUTY REGISTRAR (ACADEMIC)