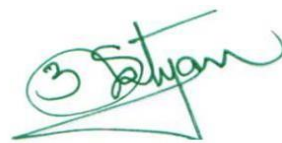


**AUTHENTICATION CERTIFICATE**

This is to certify that the following list of faculty having Ph.D./D.Sc./D.Litt./L.L.D along with particulars of the degree awarding university, subject and the year of award with the degree certificates over the last five academic years.



PRINCIPAL

*Principal*

**CMR INSTITUTE OF TECHNOLOGY**  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

**2.4.2** List of faculty having Ph.D./D.Sc. / D.Litt./ L.L.D along with particulars of the degree awarding university, subject and the year of award per academic year.

S.No	Name of the Faculty	Designation	Specialization	PhD Completed Year	Name of the University
1.	Dr.A.UshaBala	Professor	English	2012	Jawaharlal Nehru Technological University, Hyderabad.
2.	Dr.B. Deepa	Associate Professor	English	2018	Acharya Nagarjuna University
3	Dr B.H.V Gopinath	Professor	English	1993	Osmania University
.4.	Dr. B. TulasiLaxmi Devi	Professor	Mathematics	2011	Sri Krishnadevaraya University
5.	Dr. M. Prasanthi	Associate Professor	Mathematics	2019	GITAM University
6.	Dr .R. Anantha Laxmi	Associate Professor	Mathematics	2023	Jawaharlal Nehru Technological University, Ananthapur.
7.	Dr.C.V.Madhusudhana Rao	Professor	Physics	2010	Osmania University
8.	Dr. J. Ramesh	Associate Professor	Physics	2020	Osmania University
9.	Dr.E.Ramya	Assistant Professor	Physics	2021	Hyderabad Central University
10.	Dr. M. Santhosh	Associate Professor	Physics	2017	University of Caen Normandie, France



Principal

11.	Dr.AshutoshUpadhyay	Associate Professor	Physics	2016	IIT
12.	Dr.Nageshwar Rao Epuru	Associate Professor	Physics	2016	Hyderabad Central University
13.	Dr. M. Ravi	Associate Professor	Chemistry	2018	Jawaharlal Nehru Technological University, Hyderabad.
14.	Dr.P.Giridhar Reddy	Professor	Chemistry	1994	Osmania University
15.	Dr.T.Sateesh	Assistant Professor	Chemistry	2023	Osmania University
16.	Dr.Eshwar Reddy	Assistant Professor	Library	2016	Sri Venkateswara University
17.	Dr.Lakshmi Keshav	Associate Professor	Civil Engineering Dynamic Loading	2015	Anna University
18.	Dr.Gopalakrishnan	Associate Professor	Civil Engineering Geo polymer concrete	2017	Anna University
19.	Dr.S.Sankaran	Associate Professor	Civil Engineering Concrete beams	2009	Anna University
20.	Dr.Ch.Ravi	Associate Professor	Civil Engineering Vibration monitoring	2017	Pondicherry University
21.	Dr.Sondara Rajan	Associate Professor	Civil Engineering Steel fibers	2014	VIT University
22.	Dr.P.Sankar.L	Associate Professor	Civil Engineering Concrete performance	2018	Anna University
23.	Dr. Aruna G	Associate Professor	Civil Engineering Cold farmed steel	2017	Anna University
24.	Dr. M. Nithya	Associate Professor	Civil Engineering Eco friendly concrete	2018	Anna University
25.	Dr.T.Vishnu Vardhan	Professor	Mechanical Engineering Turbine blades	2014	Jawaharlal Nehru Technological University, Hyderabad
26.	Dr.B.Sridhar Babu	Professor	Mechanical Engineering	2016	Jawaharlal Nehru

Principal

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Hyderabad-501 401.

			Aero engine components		Technological University, Hyderabad
27.	Dr.S.Sateesh Kumar	Professor	Mechanical Engineering Graphite aluminium	2017	Anna University
28.	Dr.H.Saidulu	Professor	Mechanical Engineering Moisture contents	2019	Jawaharlal Nehru Technological University, Ananthapur.
29.	Dr.Y. Balram	Associate Professor	Mechanical Engineering	2020	VIT, Vellore
30.	Dr. T. Anil Kumar	Professor	Electronics & Communications Engineering Non Gaussian channel	2009	Osmania University
31.	Dr. M. Gurunadha Babu	Professor	Electronics & Communications Engineering	2016	OPJS
32.	Dr. M. Venkata Ramanaiah	Professor	Electronics & Communications Engineering Telecommunication	2017	Jawaharlal Nehru Technological University, Hyderabad
33.	Dr. G. Shanmuga Priya	Associate Professor	Electronics & Communications Engineering Satellite segmentation	2017	OPJS
34.	Dr. Prasad Janga	Associate Professor	Electronics & Communications Engineering MAT LAB	2018	Noida International University
35.	Dr. Pradeep Kumar	Associate Professor	Electronics & Communications Engineering Electrocardiogram	2018	Jodhpur National University
36.	Dr. K Praveen Kumar	Professor	Electronics & Communications Engineering EMI Mitigation	2018	Jawaharlal Nehru Technological University, Hyderabad



Principal

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Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

37.	Dr. E. John Alex	Professor	Electronics & Communications Engineering Evaluation of energy	2018	Anna University
38.	Dr. Alluri Sudhakar	Professor	Electronics & Communications Engineering VLSI	2018	Osmania University
39.	Dr. Srivastva Sanker Hari	Associate Professor	Electronics & Communications Engineering LCD	2017	MANIT
40.	Dr. K. Niranjan Reddy	Associate Professor	Electronics & Communications Engineering	2020	GITAM University
41.	Dr. T. Santosh Kumar	Associate Professor	Electronics & Communications Engineering	2021	Lovely Professional University.
42.	Dr. G. Rajender	Associate Professor	Electronics & Communications Engineering MIMO based OFDM	2022	Jawaharlal Nehru Technological University, Hyderabad.
43.	Dr. G. Archana Devi	Associate Professor	Electronics & Communications Engineering Signal Estimation	2022	JJTU, Jhunjhunu
44.	Dr. S. Sri Bindu	Associate Professor	Electronics & Communications Engineering Radio network	2022	JJTU, Jhunjhunu
45.	Dr Shahbaz Khan	Assistant Professor	Electronics & Communications Engineering Nano board	2023	University of Technology
46.	Dr B V Krishna Veni	Assistant Professor	Electronics & Communications Engineering Kalman filter	2023	Jawaharlal Nehru Technological University, Ananthapur.
47.	Dr Munipraveena Rela	Assistant Professor	Electronics & Communications Engineering Deep learning	2023	Jawaharlal Nehru Technological University,



					Ananthapur.
48.	Dr. B. Satyanarayana	Professor	Computer Science & Engineering Image Compression	2015	Jawaharlal Nehru Technological University, Hyderabad.
49.	Dr. S.M. Riyozoddin	Professor	Computer Science & Engineering Neural network	2016	JJNTU, Jhun-Jhunu
50.	Dr. D. Baswaraj	Professor	Computer Science & Engineering Image Processing	2015	Jawaharlal Nehru Technological University, Hyderabad.
51.	Dr. S. Arvind	Professor	Computer Science & Engineering Wireless adhoc network	2017	NIMS University – Jaipur
52.	Dr. Naga Rama Devi	Professor	Computer Science & Engineering Data Science	2016	Sri Padmavathi Mahila University
53.	Dr. Puja S. Prasad	Professor	Computer Science & Engineering	2018	Banasthali Vidyapith University
54.	Dr. Vinit Kumar Gunjan	Associate Professor	Computer Science & Engineering AI	2015	Calorx Teachers University
55.	Dr. Vijender Kumar Solanki	Professor	Computer Science & Engineering IOT	2017	Anna University
56.	Dr. S. Alagumuthukrishnan	Associate Professor	Computer Science & Engineering Wireless networks	2019	Anna University
57.	Dr. Sasi Bhanu Jammalamadaka	Associate Professor	Computer Science & Engineering	2016	Jawaharlal Nehru Technological University, Kakinada.
58.	Dr. Nirmal Kumar Anantha Kumar	Professor	Computer Science & Engineering Software Quality	2015	Anna University
59.	Dr. K. Morarjee	Associate Professor	Computer Science & Engineering	2019	Jawaharlal Nehru

Principal

CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

			Deep learning		Technological University, Kakinada.
60.	Dr.K.Pradeep Reddy	Associate Professor	Computer Science & Engineering Data base	2020	Jawaharlal Nehru Technological University, Hyderabad.
61.	Dr.S.Dhanalakshmi	Professor	Computer Science & Engineering MRCG Aproch	2017	Anna University
62.	Dr.C.Ashok Kumar	Associate Professor	Computer Science & Engineering Cloud computing	2019	Anna University
63.	Dr.M. Sri Rama Lakshmi Reddy	Associate Professor	Computer Science & Engineering	2021	JJTU, Jhun-Jhunu
64.	Dr. Yadala Sucharitha	Associate Professor	Computer Science & Engineering Vector Machine	2021	Jawaharlal Nehru Technological University, Hyderabad.
65.	Dr.Kaspaka Ruben Raju	Associate Professor	Computer Science & Engineering	2021	JJTU ,Jhun-Jhunu
66.	Dr.T.Pratyusha	Associate Professor	Computer Science & Engineering Cloud computing	2021	JJTU, Jhun-Jhunu
67.	Dr.L.Arokia Jesu Prabhu	Associate Professor	Computer Science & Engineering Machine learning	2020	Anna University
68.	Dr. Gudla Balakrishna	Associate Professor	Computer Science & Engineering Graph Coloring	2019	NIT, Karnataka
69.	Dr. Muralidhar Pantula	Associate Professor	Computer Science & Engineering Machine learning	2020	Pondicherry University
70.	Dr. N Srivani	Associate Professor	Computer Science & Engineering Deep learning	2023	JJTU, Jhun-Jhunu
71.	Dr.S Velliangiri	Associate Professor	Computer Science & Engineering Cloud computing	2018	Anna University
72.	Dr.K Kenaya Kumar	Assistant Professor	Computer Science & Engineering Image compression	2017	Karunya University

Principal

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Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

73.	Dr Ninni Singh	Associate Professor	Computer Science & Engineering Data Interpretation	2016	UPES University
74.	Dr.M.Srinivas	Professor	Human Resource Management	2008	Jawaharlal Nehru Technological University, Hyderabad
75.	Dr.Ravi Purnachandra Rao	Professor	Human Resource Management	2001	HNBGU
76.	Dr. K.Jagannayaki	Professor	Human Resource Management	2016	Jawaharlal Nehru Technological University, Hyderabad.
77.	Dr. G. Sai Rekha	Associate Professor	Human Resource Management	2018	Acharya Nagarjuna University
78.	Dr.Fareesa	Assistant Professor	Electrical and Electronics Engineering	2023	University of Technology



*Principal*

CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



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

RF 454066  
10341465025



440201253279



*Ms. A Usha Bala*

*D/o Mr. Nagabhushana Rao*

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

*Doctor of Philosophy*  
*English*

Topic: 'Computer Assisted Language Learning (CALL) Materials for Indian Students: A Study.'

Given under the Seal of the University

H. T. No: 0603PH1013

Date: 09-11-2013

DIRECTOR OF EVALUATION

REGISTRAR

VICE-CHANCELLOR



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

ANUGOUC0EPPK0RENG0GBMPS63011(PD)/JUNE2018



**ACHARYA NAGARJUNA UNIVERSITY**  
అచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF HUMANITIES**

*This is to certify that*

Mr./Ms. DEEPA BAVANASI

MALLIKARJUNA BAVANASI

*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* 3 January 2018

*in the Department of* ENGLISH

*Title of the Thesis :* **THE NOVELS OF AMITAV GHOSH: A PERSPECTIVE STUDY**

*Given under the Seal of the University*

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

Date : 31 MAY 2018



Vice-Chancellor

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# Osmania University



Faculty of Arts

This is to certify that Prayaswathi Kishore Gopavathi  
son, daughter of Dr. Sri Sankar Chandra having pursued a  
course of study prescribed by this University and having passed the  
requisite Examinations by thesis, has been admitted to the Degree of

**Doctor of Philosophy**

in the Faculty of Arts

The subject in which he/she presented a thesis for the Degree was

( English )

"Quest for Harmony: A study of  
Harold Pinter and Edward Bond"

Given under the seal of the University

Hyderabad

Date 23 MARCH, 1974  
11.02.1973

M. Hanuman  
Vice-Chancellor

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

Sl. No. 00692



# Sri Krishnadevaraya University



## Faculty of Science

Reg. No. -----

Sri Krishnadevaraya University hereby confers the Degree of

### Doctor of Philosophy

on B. Thulasi Lakshmi Devi

Son / Daughter of B. Konda Reddy

in recognition for his/ her research work on

*"FINITE ELEMENT ANALYSIS OF CONVECTIVE HEAT TRANSFER FLOW OF A MICROPOLAR FLUID THROUGH A POROUS MEDIUM IN CHANNELS / DUCTS"*

in the Department of Mathematics

he / she having been found duly qualified for the same in 12-08-2011

12<sup>th</sup> August 2011

Given under the seal of the University



S.V. PURAM  
ANANTAPUR - 515003,  
ANDHRA PRADESH, INDIA

Dated : 14 OCT 2011

*A. Reddy*  
Vice-Chancellor

*B. Satyan*  
Principal



A64519

Regd. No. : 1264014407



GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



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

**FACULTY OF SCIENCE**

This is to certify that

**Prasanthi Modugula**

has been duly admitted to the degree

of

**Doctor of Philosophy**

in

**Applied Mathematics**

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

to receive the degree in **October, 2019**

Given under the seal of GITAM

Visakhapatnam  
15th November, 2019



*Q. S. Ramesh Babu*  
Vice Chancellor

*B. Satyan*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

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

Adm. No. 16PH0911

Aadhaar No: 670454731879



Sl. No. PC 0377199



PROVISIONAL CERTIFICATE

*This is to certify that Ms. REDDEM ANANTHALAKSHMI*

*Daughter of Sri REDDEM VENKATAREDDY &*

*Smt REDDEM VENKATA SUBBAMMA,*

*has satisfied all the requirements for the award of*

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

*in the faculty of \*\*\* Mathematics \*\*\**

*for the Thesis entitled,*

**" SOME STUDIES ON PRIME LABELINGS OF CYCLIC AND TRIANGLE FREE  
GRAPHS "**

*(Date of Viva Voce : 21.02.2023)*

*Wednesday, 1 March, 2023.*

DIRECTOR OF EVALUATION  
Anantapur - A.P.

REGISTRAR

OU 246041

# Osmania University



## Faculty of Science

This is to certify that C.V. Madhusudhana Rao  
son / daughter of C. Chalamaiiah  
having pursued a course of study prescribed by this University  
and having passed the requirements by Examination and by thesis  
has been admitted to the Degree of

## Doctor of Philosophy

in the Subject Physics

The title of the Thesis is :

Finite Element Analysis of Piezoelectric Polymer Composites.

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 9 Jun, 2010.

Given under the seal of the University.



*PhD1012160003*

Hyderabad

Dated 22 DEC 2010



*F. Torupatla*  
Vice-Chancellor





Osmania University

PHD 5822

Ref. No. PHD42326

Receipt no.:CN012000028

Provisional Certificate

This is to certify that J RAMESH  
son/daughter of DHARMALAH  
having pursued a course of study prescribed by this University and  
having passed the requisite examinations in DEC 2019  
by dissertation/thesis, has been admitted to the Degree of  
Ph.D in Physics in the Faculty of SCIENCE

Hyderabad

Dated 10/01/2020



  
for Registrar

Section - incharge



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.





# हैदराबाद विश्वविद्यालय University of Hyderabad

प्रमाणित किया जाता है कि  
इ. राम्या  
को  
भौतिक विज्ञान में भौतिक विज्ञान  
संशोधन में शोध प्रबंध प्रस्तुत करने एवं सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने पर  
सन् 2018 में  
**डॉक्टर ऑफ फिलॉसफी**  
की उपाधि प्रदान की गयी है।



This is to certify that  
**E. RAMYA**  
having pursued research in *Physics* at the  
*School of Physics*  
and having submitted a thesis and successfully completed all the  
requirements has been admitted to the degree of  
**Doctor of Philosophy**  
in the year 2018

  
रजिस्ट्रार  
Registrar

विश्वविद्यालय की मुहर के अधीन उपर  
Given under the seal of the University

  
उपाध्यक्ष  
Vice-Chancellor

Hyderabad / Hyderabad, India / Dated: 01 OCT 2018





भारतीय  
प्रौद्योगिकी  
संस्थान

बनारस हिन्दू विश्वविद्यालय  
B.No. : P18-005



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY  
Reg. No.: 118192ND03

भारतीय प्रौद्योगिकी संस्थानम् (बनारस हिन्दू विश्वविद्यालय) वाराणसी द्वारा  
२०१६ विक्रमसंवत्सरे  
श्री आशुतोष उपाध्याय  
विद्यावाचिधि  
इत्युपाधिना अलङ्कियते।

भारतीय प्रौद्योगिकी संस्थान (बनारस हिन्दू विश्वविद्यालय) वाराणसी द्वारा  
२०१६ ईशवी (विक्रम संवत्सर २०१६) मे  
श्री आशुतोष उपाध्याय को  
विद्यावाचिधि  
को उपाधि से अलङ्कृत किया जाता है।

The Indian Institute of Technology (Banaras Hindu University) Varanasi  
hereby confers the Degree of  
**Doctor of Philosophy**  
in 2016  
on **Shri Ashutosh Upadhyay.**

**Title of the Thesis -** Structural and Phase Transition Studies on  $(1-x)\text{Bi}(\text{Mg}_{1-x}\text{Fe}_x)\text{O}_3-x$   
 $\text{PbTiO}_3$ ,  $(\text{Bi}+\text{TLZ})$  Piezoceramics.



भारतीय प्रौद्योगिकी संस्थानम्-वाराणसी २०१६ विक्रमसंवत्सरे विद्यावाचिधि  
संस्थानम् प्रतिष्ठापितो संस्थानम् मुद्राङ्कितः उपधिः प्रदत्तः।

भारतीय प्रौद्योगिकी संस्थानम् वाराणसी में सत्र अक्टूबर से दस नवंबर को  
संस्थान की मुद्राङ्कित उपाधि प्रदान की गई।

Given under the seal of the Institute at Varanasi in the Republic of  
India on the Seventeenth day of October, Two Thousand Sixteen.

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



# హైదరాబాద్ విశ్వవిద్యాలయ University of Hyderabad

ప్రకటించిన క్రింద ఇలాగే ఏ ఏ ఏ ఏ  
సంఖ్యకు ఈ పత్రం  
అంది

అధిక విద్యలోనే ఉన్న ఆయన అతని అనుభవం అధిక విద్య  
శాఖలో అతని అనుభవం అతని అనుభవం అతని అనుభవం అతని అనుభవం  
అతని అనుభవం అతని అనుభవం అతని అనుభవం అతని అనుభవం

**డాక్టర్ ఆంక కిలాసాని**  
కి అతని అనుభవం అతని అనుభవం



This is to certify that  
**NAGESWARA RAO EPURU** at the  
having pursued research in *Physics*  
*Advanced Centre of Research in High Energy Materials*  
and having submitted a thesis and successfully completed all the  
requirements has been admitted to the degree of  
**Doctor of Philosophy**  
in the year 2014

సూచించిన  
అధికారి

విశ్వవిద్యాలయం యొక్క అధికారి  
Given under the seal of the University

సూచించిన  
విశ్వవిద్యాలయం

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1291189



H.T. No.: 1103PH0487

COPY *Mr. Ravi M.* COPY

*Sh. Narsappa M.*

having fulfilled the academic requirements in *April - 2018*  
has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*  
*Chemistry*

Topic: 'Pharmaceutical Analysis of Mono and Binary Dosage Forms: A Spectrophotometric Study'.

Given under the Seal of the University

Date: 09-05-2018



*Uppanna*  
DIRECTOR OF EVALUATION

*Ahmadia*  
REGISTRAR

*Allexand*  
VICE CHANCELLOR



PC No  
31800485

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.





Faculty of *Science*

This is to certify that *Pochampatty Giridhar Reddy*  
son/daughter of *P. Narsimha Reddy* having pursued a  
course of study prescribed by this University and having passed the  
requisite Examinations by thesis, has been admitted to the Degree of

**Doctor of Philosophy**

in the Faculty of *Science*

The subject in which he/she presented a thesis for the Degree was

( *Chemistry* )

*"Oxidation of some organic compounds by  
N-bromosuccinimide - A kinetic study"*

Given under the seal of the University

Hyderabad

*[Signature]*

OU 967865

# Osmania University



Faculty of *Science*



This is to certify that Thalikonda Palthish  
son / daughter of Shankaraiah  
having pursued a course of study prescribed by this University  
and having passed the requirements by Examination and by  
thesis has been admitted to the Degree of

**Doctor Of Philosophy**

in the Subject of Chemistry

The title of the Thesis is :

Kinetics and Mechanistic Investigations of Oxidation of some Organic  
Compounds by Halogen Containing Oxidants

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 15 Apr 2023

Given under the seal of the University

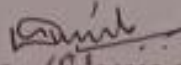


CN102380435

Hyderabad, T.S.

Dated Kartika 9, 1945  
October 31, 2023



  
Vice-Chancellor



Sl. No. PT 005764



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ ఆర్ట్స్  
Faculty of Arts

ఈశ్వర రెడ్డి యం

సుబ్బా రెడ్డి యం గారి కుమారుడు కు

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

డాక్టర్ ఆఫ్ ఫిలాసఫీ

పట్టా ప్రదానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

*This is to certify that*

*Eswara Reddy M*

*Son of Subba Reddy M*

*has been admitted to the Degree of*

**Doctor of Philosophy**

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

DEPARTMENT OF STUDY : LIBRARY AND INFORMATION SCIENCE

SUBJECT OF THE THESIS : "A Survey of Management College Libraries in  
Sri Venkateswara University Area"

YEAR : 2016

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

తిరుపతి / Tirupati

తేదీ / Date 26 AUG 2016



ఉపకులపతి  
Vice-Chancellor



# Anna University



Reg. No: 7081022204-RG

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


*Title of the Thesis:*

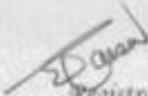
**BEHAVIOUR OF 3D COMPRESSED STABILIZED SOLID AND HOLLOW EARTH BLOCK MODELS WITH EARTHQUAKE RESISTANT FEATURES UNDER DYNAMIC LOADING**


*Given under the Seal of the University*



Chennai 600 025  
India  
January 2016

  
Controller of Examinations

  
Registrar

  
Vice Chancellor



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: **PAR011003**

This is to certify that the candidate has qualified for the award of *Degree of Doctor of Philosophy* in compliance of the UGC Regulations 2009 as detailed below:

Name	:	GOPALAKRISHNAN R
Registration Number	:	1115119703
Degree	:	Ph.D.
Department/Centre	:	CIVIL ENGINEERING
Faculty	:	CIVIL ENGINEERING
Date, Month & Year of Viva-Voce Examination held	:	30.05.2017
Title of the Thesis	:	STUDIES ON GROUND GRANULATED BLAST FURNACE SLAG AND FLY ASH BASED GEOPOLYMER CONCRETE



Chennai - 600 025  
Date: 29-JUN-17

Controller of Examinations 

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# Anna University Chennai



Reg. No.:20041697033/RII

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

*Title of the thesis:*

**BEHAVIOR AND ULTIMATE STRENGTH OF REINFORCED CONCRETE BEAMS WITH HOLES IN TRANSVERSE DIRECTION**

*Given under the Seal of the University*



Chennai 600 025  
India  
February 2010

*V. Jayaraman*  
Controller of Examinations

*Srinivasulu*  
Registrar

*Srinivasulu*  
Vice-Chancellor

*S. Satyan*



Serial No. : C1475/2488

Register No. : 19638/14

# Pondicherry University



*This is to certify that*

CH. RAVI

*has been found eligible for the degree of*

**DOCTOR OF PHILOSOPHY**

*Year* ..... 2017

*Subject* ..... CIVIL ENGINEERING

*Title of the Thesis* ..... "DAMAGE ASSESSMENT OF CIVIL ENGINEERING  
STRUCTURES BY VIBRATION MONITORING".

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

*Given under the Seal of the University*



*M. S. Sankaranarayanan*  
Registrar

Puducherry  
Date 17.08.2017

*Anisudhara*  
Vice-Chancellor

*S. S. Sankaranarayanan*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

10PHD0145

Sl. No. - DS477B



The Board of Management of the VIT University  
hereby confers on

SOUNTHARARAJAN V M

the degree of  
DOCTOR OF PHILOSOPHY

in recognition of the research work entitled  
ENGINEERING PROPERTIES OF LOW CALCIUM FLY ASH BASED HIGH EARLY STRENGTH  
CONCRETE REINFORCED WITH STEEL FIBRES

and for having fulfilled the prescribed requirements in the

School of Mechanical and Building Sciences

given this day the 18 November 2014



Given under the seal of this university

Vice - Chancellor

Chancellor

Dated: 08-Oct-2015  
Vellore - 632 014, Tamil Nadu, India

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# Anna University



Reg.No.2011130022/UG

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

*Title of the Thesis:*

**INVESTIGATING AND MODELING OF FINE FLY ASH HIGH PERFORMANCE CONCRETE**

*Given under the seal of the University*



Cleaved 000023  
India  
December 2018

Controller of Examinations

Registrar

Vice-Chancellor



# Anna University



Reg.No.10910222002/RG



The Syndicate of the Anna University hereby makes known that **ARUNA G** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Civil Engineering**, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2017**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".


Title of the Thesis:

**BEHAVIOUR OF COLD-FORMED STEEL BUILT-UP CLOSED COLUMNS UNDER COMPRESSION**

Given under the seal of the University



Chennai 000025  
India  
June 2018

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# Anna University

Reg.No.71160232002/RG



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

Title of the Thesis:

**IMPULSE-RESPONSE MODELLING ON STRENGTH OF ECO-FRIENDLY CONCRETE INFUSED WITH INDUSTRIAL FINE AGGREGATE WASTES**

Given under the seal of the University



Chennai 600025  
India  
December 2018

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

Scanned by *[Signature]* CamScanner



CC075964

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 0803PH1577

*T Vishnu Vardhan*

*Dr T Rama Krishnaiah*

having fulfilled the academic requirements in August, 2014 has this day been admitted by the Monitoring & Development Committee to the Degree of

*Doctor of Philosophy*  
(Mechanical Engineering)

for the Thesis entitled,  
"MODELING AND PERFORMANCE EVALUATION OF WIND TURBINE BLADES WITH DIFFERENT PROFILES"

Wednesday, 24 December, 2014

Given under the Seal of the University

Director of Evaluation

Registrar

Vice-Chancellor

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS703205



H.T No.: 1003PH1515

*Mr. B. Sidharbabu*  
*S/o. Lingaiah*

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

*Doctor Of Philosophy*  
*Mechanical Engineering*

Topic : "Indentation Size Effects on Elasto - Dlastic Deformation  
Behaviour of Materials for Aero Engine Components".

Given under the Seal of the University

Date:21-04-2017



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

VICE CHANCELLOR

*[Signature]*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.





Reg.No.2011120035/RG



The Syndicate of the Anna University hereby makes known that SATHEES KUMAR S has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

DETERMINATION OF MECHANICAL, TRIBOLOGICAL AND THERMAL PROPERTIES OF GRAPHITE, ALUMINUM OXIDE AND SILICON CARBIDE REINFORCED POLYAMIDE 6 COMPOSITES

Given under the seal of the University



Chennai 600025  
India  
June 2018

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CC 067147



H.T.No:10PH0322

Aadhaar No:610745417618



*H Saidulu*

*No. H Seethala*

*&*

*Kalavaath Joeja*

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

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

**(Mechanical Engineering)**

for the Thesis entitled,

**"EXPERIMENTAL ANALYSIS OF GLASS FIBER REINFORCED COMPOSITE LAMINATES WITH  
DIFFERENT MOISTURE CONTENT"**

Date of Viva Voce : 27.09.2019 Given under the Seal of the University

Saturday, 24 April, 2021.



DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR

Principal

CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

16PHD0062

Sl. No. 443878



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



**YELAMASETTI BALRAM**

the degree of

**DOCTOR OF PHILOSOPHY**

in recognition of the research work entitled

**ANALYSIS OF RESIDUAL STRESSES DEVELOPED IN CONSTANT, PULSED AND INTERPULSE  
CURRENT GTAW DISSIMILAR WELDMENTS OF MONEL 400 AND AISI 316**

for having fulfilled the prescribed requirements.

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

given this day the 10 September 2020



Given under the seal of this university



*R B Keckala*  
Vice - Chancellor

*[Signature]*  
Chancellor

Date: 05-Oct-2020  
Vellore - 632 014, Tamil Nadu, India

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

OU 230625

# Osmania University



## Faculty of Engineering

This is to certify that J. Anil Kumar  
son / daughter of J. Anandam  
having pursued a course of study prescribed by this University  
and having passed the requirements by Examination and by thesis  
has been admitted to the Degree of

### Doctor of Philosophy

in the Subject Electronics & Communication Engineering

The title of the Thesis is :

A New Robust Technique and Its Performance Analysis for  
Multiuser Detection in Non-Gaussian Channels.

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 12th January 2009

Given under the seal of the University.



PhD1008230019

Hyderabad

Dated 3 SEP 2010



*F. Tompkins*  
Vice-Chancellor

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



उत्पन्न  
Serial No. OPE/Ph.D/01710004

पंजीकरण संख्या  
Regn. No. 239802

पंजीकरण संख्या  
Enrolment No. Ph.D-13-210



## ओपीजेएस विश्वविद्यालय चूरु

( स्थापित राजस्थान अधिनियम संख्या 33/2013 के अन्तर्गत )

### डॉक्टर ऑफ फिलॉसफी

प्रमाणित किया जाता है कि मोपार्थी गुरुनाथ बाबू को इस विश्वविद्यालय के इंजिनियरिंग संकाय ( इलेक्ट्रॉनिक्स & कम्युनिकेशन ) के अन्तर्गत डॉक्टर ऑफ फिलॉसफी की उपाधि वर्ष 2017 में विभूषित किया गया ।

इनके शोध प्रबन्ध का विषय निम्नलिखित था -

*Development of AMBA, AXI and AXI4 protocols for advanced micro controller systems*

## O.P.J.S. University Churu

(Established under Rajasthan Act No. 33 of 2013)

### DOCTOR OF PHILOSOPHY

*This is to certify that MOPARTHY GURUNADHA BABU has been awarded the degree of Doctor of Philosophy in the Faculty of Engineering (Electronics & Communication) of this university in the year 2017*

*The title of his/her thesis was:*

*Development of AMBA, AXI and AXI4 protocols for advanced micro controller systems*

  
परीक्षा नियंत्रक  
Controller of Examinations

विश्वविद्यालय के मुद्रांकन द्वारा प्रमाणित  
Given under the seal of the University

Dalel Singh  
कुलपति  
Vice-Chancellor

  
कुलपति  
Registrar



  
कुलाधिपति  
Registrar

मुख्य तिथि मार्च 12, 2018  
Date Issued March 12, 2018



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1291074



H.T No.: 0603PH0813

*Mr. M Venkata Ramanaiah*

*S/o. M Chennaiah*

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

*Doctor of Philosophy*

*Electronics & Communication Engineering*

Topic: "Speech Enhancement Algorithms for Telecommunications and Business  
Commahications".

Given under the Seal of the University

Date: 09-05-2018



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

VICE CHANCELLOR



47114109166

PC No  
317000847

*[Signature]*

Principal



क्रमसंख्या  
Serial No. OPJS/PHD/16/1003

पंजीकरण संख्या  
Regn. No. 239143

अनुक्रमांक संख्या  
Roll No. PH.D-13-262



# ओपीजेएस विश्वविद्यालय चूरु

(राजस्थान राज्य अधिनियम संख्या 33/2013 के अन्तर्गत स्थापित।)

डॉक्टर ऑफ फिलॉसॉफी

प्रमाणित किया जाता है कि शंमुगप्रिया जी को इस विश्वविद्यालय के इंजीनियरिंग (इलेक्ट्रॉनिक्स एंड कम्युनिकेशन संकाय के अन्तर्गत डॉक्टर ऑफ फिलॉसॉफी की उपाधि से वर्ष 2016 में विभूषित किया गया।

इसके शोध प्रबंध का विषय निम्नलिखित था :-

*Satellite Based Image Segmentation And Classification Using Color Model And Neural Network In Matlab*

## OPJS University Churu

(Established under Rajasthan Act No. 33 of 2013)

DOCTOR OF PHILOSOPHY

*This is to certify that SHANMUGAPRIYA G has been awarded the degree of Doctor of Philosophy in the School of ENGINEERING (ELECTRONICS & COMMUNICATION) of this University in the Year. 2016*

*The Title of his/her thesis was:*

*Satellite Based Image Segmentation And Classification Using Color Model And Neural Network In Matlab*

विश्वविद्यालय के मुद्रांकन द्वारा प्रमाणित

*Given under the seal of the University*

  
परीक्षा-निर्वाहक

Controller of Examinations



  
कुलपति

Vice-Chancellor

चूरु, तिथि जून 22, 2018

Churu, Dated June 22, 2018



Principal

CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

Sr. No. :25

Enrollment No. :PHD/ECE/1402/002



NOIDA INTERNATIONAL UNIVERSITY



NOIDA  
INTERNATIONAL  
UNIVERSITY

*This is to certify that*

*Prasad Janga*

*S/o / D/o Santha Rao*

*after approval of his/her Thesis on*

*Design and Study Of Global Positioning System Block  
Codes Using Matlab*

*has been awarded the Degree of*

**Doctor of Philosophy**

*in the year*

**2018**



*Jayaram*  
Registrar

Date : 13 AUG 2018

*K. K. Devaraj*  
Vice Chancellor

*B. Srinivas*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# Jaipur National University, Jaipur



*We, the Chairperson, the President  
and  
the Members of the Academic Council  
do hereby certify that*

*Mr. Pradeep Kumar*

*Has been conferred The Degree of*

**Doctor of Philosophy**

*in*

*Electronics & Communication Engineering*

*at the Convocation held on*

*February 17, 2018*

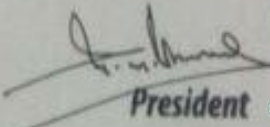
*The Title of his thesis is :*

**"CAD for the Detection of Fetus Electrocardiogram  
by using Wavelets and Neuro-Fuzzy Systems"**



**Chairperson**

Year of Passing 2017



**President**





# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1361554



H.T No. : 0903PH0851

*Mr. Praveen Kumar Munchorla*

*Sh. Rajasankar Reddy*

having fulfilled the academic requirements in *November - 2018*  
has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Electronics & Communication Engineering*

Topic: "Investigations on EBG Structure for EMI Mitigation and Beam Reconfiguration Applications".

Given under the Seal of the University

Date: 26-04-2019



*Uppala*  
DIRECTOR OF EVALUATION

*Adarsh*  
REGISTRAR

*Alexander*  
VICE CHANCELLOR



40114100710

PC No  
318001134



# Anna University



Reg.No.20117401022/RG



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

*Title of the Thesis:*


**PERFORMANCE EVALUATION OF ENERGY EFFICIENT ADDERS IN PROGRAMMABLE TRUNCATED MULTIPLY AND ACCUMULATE ARCHITECTURES**

*Given under the seal of the University*



Chennai 600025  
India  
June 2018

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor

  
Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

OU 728104

# Osmania University



Faculty of Engineering

This is to certify that Sudhakar Alluri  
son / daughter of Lazarus  
having pursued a course of study prescribed by this University  
and having passed the requirements by Examination and by  
thesis has been admitted to the Degree of

**Doctor Of Philosophy**

in the Subject of Electronics & Communications Engineering  
The title of the Thesis is :  
Performance Analysis of VLSI Circuits in Deep Submicron Technology

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 13 Apr 2018

Given under the seal of the University



NO41800159

Hyderabad

Dated 27 APR 2018



Vice-Chancellor

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.





# मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल

मध्य प्रदेश, भारत

अभिषद की अनुशंसा पर  
हरी शंकर श्रीवास्तवा

को

इलेक्ट्रॉनिक्स एवं संचार अभियांत्रिकी  
में

Scholar No. 113114101

एन एरिया एफिसिएन्ट डी ए सी एंड लो ऑफसेट बफर फॉर सोर्स ड्राइवर आर्किटेक्चर ऑफ एल.सी.डी. (लिक्विड क्रिस्टल डिस्प्ले)

## डॉक्टर ऑफ फिलॉसफी

की उपाधि उनके द्वारा इस उपाधि की अवाप्ती हेतु विनियम विहित अहर्ताओं को  
सफलतापूर्वक वर्ष 10 सितम्बर 2017 में पूर्ण करने पर एतद् द्वारा प्रदान करता है।

भारतीय गणराज्य के अंतर्गत भोपाल में आज दिनांक 09 सितम्बर 2018 को संस्थान की मुद्रा सहित दी गई।

## MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL

Madhya Pradesh, India

Upon recommendation of the Senate, hereby confers the degree of

## Doctor of Philosophy

in

Electronics & Communications Engineering

on

Hari Shanker Srivastava

For his research work entitled

An Area Efficient DAC & Low Offset Buffer for Source Driver Architecture of LCD (Liquid Crystal Display)

who has successfully completed the requirements prescribed under the regulations  
for the award of this Degree in 10<sup>th</sup> September 2017

Given this day, the 09<sup>th</sup> September 2018 under the seal of the Institute at Bhopal in the Republic of India

  
दिनेश्वर शंकर श्रीवास्तवा



  
शंकर शंकर श्रीवास्तवा



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

A 2015911

Regd. No. : 1260414405



GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



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

## FACULTY OF ENGINEERING

This is to certify that

**K Niranjan**

has been duly admitted to the degree

of

**Doctor of Philosophy**

in

**Electronics and Communication Engineering**

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

to receive the degree in **August, 2020**

Given under the seal of GITAM

Visakhapatnam  
7th November, 2020



*(Signature)*  
Vice Chancellor

*(Signature)*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



Sr. No. 72797



**L** OVELY  
**P** ROFESSIONAL  
**U** NIVERSITY

Phagwara (144411), Punjab, India

### PROVISIONAL CERTIFICATE

This is to certify that Mr. T Santosh Kumar son of Mr. T Muralidhar Rao bearing Registration No. 41700043 has completed all the requirements for the award of the degree of Doctor of Philosophy (Electronics and Communication Engineering) in the year 2021. He will be awarded the degree at the next convocation of the University.

Certificate No. 73264

Dated: 9 Nov, 2021

Place: Phagwara (Punjab)

*Monica Gulati*

Dr. Monica Gulati

Registrar

FRM0155014

*Principal*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1796644



H.T No. : **1203PH08C6**

*Mr. Gugulothu Rajender*

*No. Gugulothu Kistu*

having fulfilled the academic requirements in *July - 2022*  
has been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Electronics & Communication Engineering*

Topic: "Design and Performance Analysis of Kalman Based Algorithms for Channel Estimation and Prediction for MIMO Based OFDM Systems".

Given under the Seal of the University

Date: 18-03-2023



*K. Venkateswara Rao*

*[Signature]*

*[Signature]*

DIRECTOR OF EVALUATION



411114116622

VICE-CHANCELLOR

PC No

32250831

*[Signature]*

Principal

CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

पंजीकरण सं: 17116078  
(Reg. No.)

नामांकन सं: PEN/PED/16/00143  
(Enrollment No.)

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



## डॉक्टर ऑफ़ फिलॉसफी

प्रमाणित किया जाता है कि *Archana Devi Gadda* को इस विश्वविद्यालय के *Engineering* संकाय के अन्तर्गत डॉक्टर ऑफ़ फिलॉसफी की उपाधि से वर्ष 2022 में विभूषित किया गया।

इनके शोध प्रबन्ध का विषय निम्नलिखित था :-


**STABILIZATION IN SIGNAL ESTIMATION FOR MULTI SOURCE CONDITION**

## DOCTOR OF PHILOSOPHY

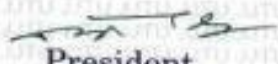
This is to certify that *Archana Devi Gadda* has been awarded the degree of Doctor of Philosophy in the faculty of *Engineering* of this University in the year 2022.

The title of his/ her thesis was:-

**STABILIZATION IN SIGNAL ESTIMATION FOR MULTI SOURCE CONDITION**

  
Registrar  
रजिस्ट्रार



  
President  
प्रेसीडेंट

06<sup>th</sup> March 2022



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



पंजीकरण सं: 17416031  
(Reg. No.)

नामांकन सं: PEN/PED/16/00534  
(Enrollment No.)

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



## डॉक्टर ऑफ़ फिलॉसफी

प्रमाणित किया जाता है कि **Sribindu Sattu** को इस विश्वविद्यालय के **Engineering** संकाय के अन्तर्गत डॉक्टर ऑफ़ फिलॉसफी की उपाधि से वर्ष 2022 में विभूषित किया गया।

इनके शोध प्रबन्ध का विषय निम्नलिखित था :-


**QUALITY CONSTRAINT RESOURCE OPTIMIZATION IN HETEROGENEOUS COGNITIVE RADIO NETWORK**

## DOCTOR OF PHILOSOPHY

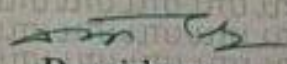
*This is to certify that Sribindu Sattu has been awarded the degree of Doctor of Philosophy in the faculty of Engineering of this University in the year 2022.*

*The title of his/ her thesis was:-*

**QUALITY CONSTRAINT RESOURCE OPTIMIZATION IN HETEROGENEOUS COGNITIVE RADIO NETWORK**

  
Registrar  
रजिस्ट्रार



  
President



06<sup>th</sup> March 2022

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Randakoya (V), Medchal Road,  
Hyderabad-501 401.



Enrollment No.: SETDP0207170036

2023020911



**University of  
Technology**  
www.uot.edu.in



On recommendation of the Academic Council  
has conferred upon

**MOHAMMAD SHAHBAZ KHAN**

the degree of

**DOCTOR OF PHILOSOPHY**

(ELECTRONICS & COMMUNICATION ENGINEERING)

In compliance with UGC (Minimum Standards and Procedure for  
Award of M.Phil/Ph.D Degrees) Regulations, 2016

on the thesis titled:

**Multi Scale Optimal Blind Transmission Map Fusion and Enhancement Procedure Using  
Restoration CNN for Efficient Video Dehazing with NVIDIA Jetson Nano Board.**

having completed in the year 2023 in witness where of  
the Seal of the University is herunto affixed.

Given on this 21st May 2023.

PRESIDENT/VICE-CHANCELLOR

Jajpur (Rajasthan), India  
DATED: 21-05-2023

Registrar



Set by Govt. of Rajasthan through Act No.22 of 2017. Empowered by UGC Act 1956  
Website: www.uot.edu.in | www.uot.ac.in | www.uot.edu.in/ugc-act-1956

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

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

Adm. No. 15PH0408

Aadhaar No: 875381779361



Sl. No. PC 0379726



PROVISIONAL CERTIFICATE

*This is to certify that Ms. VENKATA KRISHNA VENI B*

*Daughter of Sri B VENUGOPAL REDDY &*

*Smt BUSIREDDY ESWARAMMA,*

*has satisfied all the requirements for the award of*

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

*in the faculty of \*\*\* Electronics & Communication Engineering \*\*\**

*for the Thesis entitled,*

**" INDOOR POSITIONING AND TRACKING BY COUPLING IMU AND UWB USING  
UNSCENTED KALMAN FILTER "**

*(Date of Viva Voce : 21.04.2023)*

*Thursday, 4 May, 2023.*

DIRECTOR OF EVALUATION  
Anantapur - A.P.

REGISTRAR

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

Adm. No. 15PH0405

Aadhaar No: 447689122487



Sl. No. PC 0392047



PROVISIONAL CERTIFICATE

*This is to certify that Ms. MUNIPRAVEENA RELA*

*Daughter of Sri MUNIRAMAIAH R &*

*Smt RELA INDIRAMMA,*

*has satisfied all the requirements for the award of*

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

*in the faculty of \*\*\* Electronics & Communication Engineering \*\*\**

*for the Thesis entitled,*

**" HYBRID METAHEURISTIC OPTIMIZATION APPROACHES FOR LIVER TUMOR  
DETECTION USING DEEP LEARNING TECHNIQUES "**

*(Date of Viva Voce : 27.07.2023)*

*Friday, 4 August, 2023.*

DIRECTOR OF EVALUATION  
Anantapur - A.P.

REGISTRAR



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 703406



H.T No.: 410619CS/PH

*Mr. B Salyanarayana*

*Sh. B. Salyanna*

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

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic : "A New Class of Fast Shape - Adaptive Algorithms: Application to  
Region-based Image Compression".

Given under the Seal of the University

Date: 21-04-2017



*[Signature]*

HEAD, DEPT. OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

VICE-CHANCELLOR



461061406746

PC No  
20448703839

*[Signature]*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



Reg No- 181011316

Enroll No- FENIPED118895



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA UNIVERSITY

श्री जगदीशप्रसाद ज़ाबरमल तीबडेवाला विश्वविद्यालय  
Vijayanagar, Jhunjhunu - Churu Road, Dist- Jhunjhunu, Rajasthan - 333001

(Established U/S 2(f) of UGC Act, 1956 vide Act No. F2(3) Vidhi/2/2009 of S-2-2009 of Govt. of Raj)

### Provisional Certificate

#### Doctor Of Philosophy

This is to certify that *Siddiqui Riyazoddin Alimoddin* has qualified for the degree of Doctor Of Philosophy on the topic 'AN IMPROVED ONLINE LINE METHOD FOR FACE RECOGNITION USING NEURAL NETWORK'. This comes into effect from the date of openly defended Viva-Voce examination held on 16/01/2016.

Ref No- JJT/Ph.D./Degree/2016 | 1013

Issue Date : 20/01/2016

Jhunjhunu



Registrar  
REGISTRAR  
JJT UNIVERSITY  
CHIDELLA, J.J.N-RAJ

Scanned by CamScanner

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 675723



H.T. No.: 0603PH0679

*Mr. Donagapure Daswaraj*  
*S/o. Adappa*

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

*Doctor Of Philosophy*  
*Computer Science And Engineering*

Topic : An Improved Contour Based Image Segmentation Using Self  
Parameter Setting and Color Correction Techniques

Given under the Seal of the University

Date: 28-12-2015



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

VICE CHANCELLOR



PC No  
2041040208

*[Signature]*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# NIMS UNIVERSITY RAJASTHAN, JAIPUR



## PROVISIONAL CERTIFICATE

Enrolment No.: PH/10/351

Sr. No.: 0097

This is to certify that Mr./Ms. **SIDDAPURAM ARVIND S/O, D/o S. PRATAPVEER** has qualified for the degree of **DOCTOR OF PHILOSOPHY** in **COMPUTER SCIENCE & ENGINEERING** after having completed the requirements prescribed for the award of the degree. This comes into effect from the date of Viva-Voce held on **28.09.2013**.

Topic: **ROBUST AND RELIABLE QUALITY ORIENTED ROUTING SCHEME FOR WIRELESS ADHOC NETWORK.**

The degree shall be awarded at the convocation of the University.

Ref. No.: 651

Dated: 24.10.2013



*Smt*  
Controller of Examinations

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



*Sri Padmavati Mahila Visvavidyalayam*  
(WOMEN'S UNIVERSITY)

Sl. No. D 00568

H.T. No.

061658

## *Faculty of Science*

*The Executive Council of  
Sri Padmavati Mahila Visvavidyalayam  
hereby makes known that*

### *G Naga Rama Devi*

*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:** *COMPUTER SCIENCE*

**SUBJECT OF THESIS :** "Ensemble Technique with PCA and SMOTE to Improve the performance of the Classifiers on Breast Cancer Data"

**Year :** FEBRUARY, 2016

*Given under the seal of the University*

*Tirupathi*  
Date: 23.03.2017



*V. Durga Rao*  
Vice-Chancellor

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# बनस्थली विद्यापीठ

विद्यापीठ द्वारा निर्धारित  
सभी अर्थात पूर्ण करने पर

पूजा सहय प्रसाद को

## डॉक्टर ऑफ़ फ़िलॉसॉफ़ी

### कम्प्यूटर साइंस एण्ड इंजीनियरिंग

को उपर्युक्त में आज के दिन दीक्षा किया गया है।  
प्रमाण स्वरूप विद्यापीठ की मुद्रा एवं कुलपति के  
हस्ताक्षर अंकित करने जाते हैं।

## BANASTHALI VIDYAPITH

On having fulfilled the requirements  
laid down by the Vidyapith

*Puja Sahay Prasad* has been

admitted this day to the degree of

## DOCTOR OF PHILOSOPHY

### COMPUTER SCIENCE & ENGINEERING

In token whereof are inscribed the seal of the Vidyapith  
and the signature of the Vice-Chancellor.

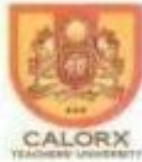
Enrollment No.  
2005H758



तारीख  
Date 7 January, 2018

कुलपति  
Vice-Chancellor

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



# Calorx Teachers' University

AHMEDABAD, GUJARAT

(State Private University established by State Legislature of Gujarat Act No. 8 of year 2009)

Sr. No. 10811

This is certified that Mr/Ms

*Vinit Kumar Gunjan*

Has been admitted to the Degree of

*Doctor of Philosophy*

In the Subject

*Computer Science*

of this University in the year 2015

Under Registration No

*991248800009.*

*Title of the Thesis:*

*Advancement of Artificial Neural Network  
Algorithms for Intrusion Detection in  
Computer Network.*

*Given under the seal of the University.*

Ahmedabad

Date:- 11<sup>th</sup> Aug, 2015



Provost

CALORX TEACHERS' UNIVERSITY CALORX TEACHERS' UNIVERSITY CALORX TEACHERS' UNIVERSITY

Principal

CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



# Anna University



Reg.No. 71160631065/RG

The Syndicate of the Anna University hereby makes known that **VIJENDER KUMAR** 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 **2017**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**A CONCEPTUAL MODEL OF SMART CITY INFRASTRUCTURE TO CONNECT INTELLIGENT DOMAIN USING IOT**

Given under the Seal of the University



Chennai 600 025  
India  
May 2017

  
Controller of Examinations

  
Registrar

  
Chairman, Convener Committee  
Vice-Chancellor



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# Anna University



Reg.No.11110631001/RG



The Syndicate of the Anna University hereby makes known that **ALAGUMUTHUKRISHNAN S** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Information and Communication Engineering**, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2019**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

**CERTAIN INVESTIGATIONS ON FUZZY CLUSTERING AND OPTIMIZED ROUTING METHODS TO IMPROVE THE LIFE SPAN OF WIRELESS NETWORKS**

*Given under the seal of the University*



Chennai 600025  
India  
December 2019

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

CC344059

JAYANARAIAN NENDU TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA - 533 003, ANDHRA PRADESH, INDIA



Aadhar No : 494050370396

*Ms. Sasibhanu Jammalamadaka*

*D/o. JKR Sastry*

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

*Doctor of Philosophy*

( Computer Science & Engineering)

Topic: Dynamic Evaluation of Embedded Systems

Given under the Seal of the University



HTNo : 09022P0565

Date: 23-01-2018

WWW.NENDU.ORG

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Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.





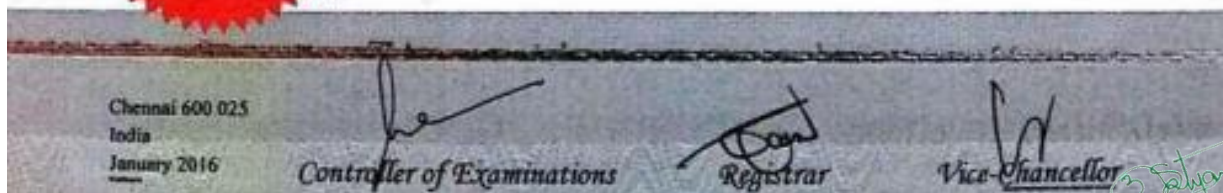
Reg.No. 71060621021/RG

The Syndicate of the Anna University hereby makes known that **NIRMAL KUMAR A** 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 **2015**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**IMPROVED SOFTWARE QUALITY BY EFFECTIVE DESIGN OF TESTCASES WITH UNIT TESTING APPROACH**

Given under the Seal of the University



Chennai 600 025  
India  
January 2016

Controller of Examinations

Registrar

Vice-Chancellor

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

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

CC 067199



H.T.No:10PH0503

Aadhaar No:548900223202

*Kolla Morarjee*

*Dr. Veeraraghavaiah  
&  
Kolla Gangajalam*

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

*\*\*\* Doctor of Philosophy \*\*\**  
(Computer Science & Engineering)

for the Thesis entitled,  
"EFFICIENT IMAGE CLUSTERING ALGORITHMS USING DEEP REPRESENTATION"

Date of this Degree - 24.06.2019 Given under the Seal of the University  
Saturday, 24 April, 2023.



*[Signature]*  
DIRECTOR OF EVALUATION

*[Signature]*  
REGISTRAR

*[Signature]*  
VICE CHANCELLOR

*[Signature]*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1503196



H.T No. : 1203PH0679

*Mr. Humbala Pradeepreddy*

*Slr. H. Buchi Reddy*

having fulfilled the academic requirements in *November - 2020*

has been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: *"Multi View Human Action Recognition for Large Scale Video Databases"*.

Given under the Seal of the University

Date: 26-02-2022



DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR



410114100130

PC No  
320001645

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



# Anna University



Reg.No. 71110632009/RG

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


*Title of the Thesis:*

**CERTAIN INVESTIGATIONS ON CONSTRUCTING NUCLEAR ARCHITECTURE IN GLIBLOSTOMA MULTIFORME MOLECULAR COMBINATION USING MRGC APPROACH**

*Given under the Seal of the University*



Chennai 600 025  
India  
May 2017

  
Controller of Examinations

  
Registrar

  
Chairman, Convener Committee  
Vice-Chancellor



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# Anna University



Reg No. 1814479280/BC



The Syndicate of the Anna University hereby makes known that **ASHOK KUMAR C** 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 **2019**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

**DESIGN AND DEVELOPMENT OF METAHEURISTIC OPTIMIZATION ALGORITHMS FOR EFFECTIVE LOAD BALANCING IN CLOUD ENVIRONMENT**

*Given under the seal of the University*



Control 60002  
Inch  
December 2019

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



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



## डॉक्टर ऑफ़ फिलॉसफी

प्रमाणित किया जाता है कि *M Srirama Lakshmi Reddy* को इस विश्वविद्यालय के *Engineering* संकाय के अन्तर्गत डॉक्टर ऑफ़ फिलॉसफी की उपाधि से वर्ष 2021 में विभूषित किया गया।

इनके शोध प्रबन्ध का विषय निम्नलिखित था :-

**AN UNASSAILABLE DEDUPLICATION WITH DYNAMIC AND DECISIVE CONVERGENT KEY AUTHORIZATION IN CLOUD**

## DOCTOR OF PHILOSOPHY

*This is to certify that M Srirama Lakshmi Reddy has been awarded the degree of Doctor of Philosophy in the faculty of Engineering of this University in the year 2021.*

*The title of his/ her thesis was:-*

**AN UNASSAILABLE DEDUPLICATION WITH DYNAMIC AND DECISIVE CONVERGENT KEY AUTHORIZATION IN CLOUD**

  
Registrar  
रजिस्ट्रार



  
President  
प्रेसीडेंट





P-144

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

re-1503235



U - No. : 1503PH0652

*Ms Vedala Sushartha*

*D/o. Suthakara Rao*

having fulfilled the academic requirements in *October - 2021*  
has been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*  
*Computer Science And Engineering*

Topic: "Emerging Event Detection and Tracing from Social Media Using Support Vector Machine".

Given under the Seal of the University

Date: 26-02-2022



*[Signature]*  
DEAN

*[Signature]*  
V. S. S. S. S.

*[Signature]*  
V. S. S. S. S.



PC No  
21500335

*[Handwritten Signature]*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

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



## डॉक्टर ऑफ़ फिलॉसफी

प्रमाणित किया जाता है कि **Kasapaka Rubenraju** को इस विश्वविद्यालय के **Engineering** संकाय के अन्तर्गत डॉक्टर ऑफ़ फिलॉसफी की उपाधि से वर्ष **2021** में विमूषित किया गया।

इनके शोध प्रबन्ध का विषय निम्नलिखित था :-

**ROBUST FEATURE BASED AUTOMATED HUMAN ACTION RECOGNITION SYSTEM**

## DOCTOR OF PHILOSOPHY

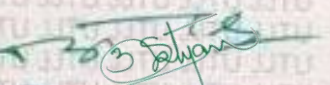
This is to certify that **Kasapaka Rubenraju** has been awarded the degree of **Doctor of Philosophy** in the faculty of **Engineering** of this University in the year **2021**.

The title of his/ her thesis was:-

**ROBUST FEATURE BASED AUTOMATED HUMAN ACTION RECOGNITION SYSTEM**

  
Registrar  
रजिस्ट्रार



  
Principal  
Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



संज्ञिकरण नं. 28117052  
(Reg. No.)

संज्ञिकरण नं. PEN/PED/17/00008  
(Establishment No.)

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



## डॉक्टर ऑफ़ फिलॉसफी

प्रमाणित किया जाता है कि *Pratyusha T* को इस विश्वविद्यालय के *Engineering* संकाय के अन्तर्गत डॉक्टर ऑफ़ फिलॉसफी की उपाधि से वर्ष 2021 में विभूषित किया गया।

इनके शोध प्रबन्ध का विषय निम्नलिखित था :-


**DESIGN OF WIDE-RANGING DATA SECURITY FRAMEWORK FOR CLOUD COMPUTING**

## DOCTOR OF PHILOSOPHY

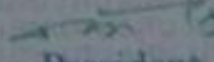
This is to certify that *Pratyusha T* has been awarded the degree of Doctor of Philosophy in the faculty of *Engineering* of this University in the year 2021.

The title of his/ her thesis was:-


**DESIGN OF WIDE-RANGING DATA SECURITY FRAMEWORK FOR CLOUD COMPUTING**

  
Registrar  
रजिस्ट्रार



  
President  
प्रेसीडेंट

06<sup>th</sup> March 2022

  
Principal



# Anna University



Reg No. 1513489565/RG

The Syndicate of the Anna University hereby makes known that **AROKIA JESU PRABHU L** 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 **2020**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**COMPUTER ASSISTED IMPECCABLE EXAMINING OF BRAIN TUMOR CLASSIFICATION AND FEATURE EXTRACTION IN MRI IMAGES USING MULTI MODAL FEATURES AND MACHINE LEARNING METHODS**



Given under the Seal of the University

Chennai 600 025  
India  
March 2021

Controller of Examinations

Registrar

Vice-Chancellor

Registration No.



**National Institute of Technology Karnataka, Surathkal**  
*hereby confers the degree of*

**Doctor of Philosophy**

*on*




*Gudla Balakrishna*

*in recognition of the research work on*


*"SOME RESULTS ON  $L(2,1)$ -COLORING AND ITS RELATED PROBLEMS"*

*carried out in the Department of  
Mathematical And Computational Sciences  
and completed all the requirements  
in October 2019*

*Given under the seal of the Institute,  
on 2<sup>nd</sup> November 2019*

  
Registrar

  
Director

  
Chairperson, Board of Governors

Sl. No. PH19112



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.





**PONDICHERRY UNIVERSITY**

*(A Central University)  
Pondicherry*



**Provisional Certificate**

46982

Register No: 1600106005

This is to certify that **PANTULA MURALIDHAR** having completed all the requirements relating to Ph.D. Degree has been declared eligible for the award of the Degree of Doctor of Philosophy in **COMPUTER SCIENCE AND ENGINEERING** with effect from **24.09.2020**.

The title of the Ph.D. Thesis entitled

**“A Framework for Accessibility Augmentation of Multimedia Content for Persons with Disabilities using Lexical Features and Machine Learning Techniques”**

*The Ph.D. was awarded in compliance of the UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulations, 2009.*



ESTABLISHED BY ACT OF  
PARLIAMENT 23 OF 1985

Office Seal

Date : 12 OCT 2020



*Banal.*

CONTROLLER OF EXAMINATIONS

*B. Satyan*

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



पंजीकरण सं: 27116050  
(Reg. No.)

पंजीकरण सं: PEN/PED/16/00515  
(Femilocal No.)

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



## डॉक्टर ऑफ़ फिलॉसफी

प्रमाणित किया जाता है कि *N Srivani* को इस विश्वविद्यालय के *Engineering* संकाय के अन्तर्गत डॉक्टर ऑफ़ फिलॉसफी की उपाधि से वर्ष 2023 में विभूषित किया गया।

इसके शोध प्रबन्ध का विषय निम्नलिखित था :-

**FACIAL FOCAL POINTS AS A SIGNATURE BASED BIOMETRIC SECURITY SYSTEM USING DEEP LEARNING NETWORKS**

## DOCTOR OF PHILOSOPHY

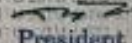
This is to certify that *N Srivani* has been awarded the degree of Doctor of Philosophy in the faculty of *Engineering* of this University in the year 2023.

The title of his/ her thesis was:-

**FACIAL FOCAL POINTS AS A SIGNATURE BASED BIOMETRIC SECURITY SYSTEM USING DEEP LEARNING NETWORKS**

  
Registrar  
रजिस्ट्रार



  
President  
प्रेसीडेंट

06<sup>th</sup> February 2023



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.

# Anna University



Reg.No.11260631072/RG



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

*Title of the Thesis:*

**AN ENHANCED BAT ALGORITHM FOR INTRUSION DETECTION OF DOS AND DDOS ATTACK IN CLOUD**

*Given under the seal of the University*



Chennai 600025  
India  
December 2018

Controller of Examinations

Registrar

Vice-Chancellor

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



# Karunya UNIVERSITY

(Karunya Institute of Technology and Sciences)

Declared as deemed to be university under Sec. 3 of U.C. Act, 1956

KARUNYA NAGAR, COIMBATORE - 041 134, TAMILNADU, INDIA.

## Provisional Certificate

Sl. No.: C 00256

Register No.: NR13C5002

This is to Certify that

**KENANYA KUMAR KASARANENI**

Has been declared eligible for award of

**Doctor of Philosophy**

degree in

**Engineering and Technology**

Entitled

**"Three stage Brain tumor DICOM image compression using LBG and Vector Rotation"**

After his/her Successful Viva-Voce on dated

**08/09/2017**



CONTROLLER OF EXAMINATIONS

Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



Date: 26.08.2021

Ref: UPES (SRE)Ph.D/Pro. Cert./2021/69

**PROVISIONAL CERTIFICATE**

This is to certify that scholar **Ninni Singh**, SAP ID: **500049151** of batch January 2016 has completed all the requirement for award of degree of **PhD (Computer Science and Engineering)** after successful completion of viva voce in ODC Meeting held on 04<sup>th</sup> June 2021 at University of Petroleum and Energy studies, Dehradun Uttarakhand.

The topic of research was "**A Learner-Centric Knowledge Based Tutoring Engine with Dynamic Profiling and Pedagogical Recommendation for Seismic Data Interpretation**".

This certificate is valid till the original degree is conferred in the convocation.

Controller of  
(Students Record & Examination Department)



CC 200147  
10 26 28 68 74

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**



**HYDERABAD, ANDHRA PRADESH, INDIA**

*Mr. Mantha Srinivas*  
*S/o M. Narasimham*

having fulfilled the academic requirements in *March - 2008*  
has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*  
*( Management Science )*

Topic : Rural Credit Structure in the State of Andhra Pradesh-A Relative Study of Coastal Andhra and Rayalaseema Districts

Given under the Seal of the University

H.T.No : **02315MGT**  
Date : 02 April, 2008

59137

*B. Deay Kumar*

*Dr. V. Venkatesh*

*J. Lakshmi*

*B. Satyan*

नामांकन संख्या जी ६७००१२

Enrolment No. 6970012



## डॉक्टर ऑफ फिलासफी

प्रमाणित किया जाता है कि रवि पूरन चन्द्र राव  
को वाणिज्य में इस विश्वविद्यालय की  
डॉक्टर ऑफ फिलासफी की उपाधि वर्ष २००१ में प्रदान की गयी।  
शोध प्रबन्ध का शीर्षक "मटीरियल्स मैनेजमेण्ट इन इण्डियन शिपयार्ड्स: ए केस  
स्टडी ऑफ गोवा शिपयार्ड लिमिटेड"

**HEMWATI NANDAN BAHUGUNA GARHWAL UNIVERSITY**

Doctor of Philosophy

This is to certify that Ravi Puran Chandra Rao has  
been awarded the Degree of Doctor of Philosophy in Commerce of  
this University in the year 2001

Title of Thesis: "Materials management in Indian shipyards:  
A case study of Goa shipyard limited."

हेमवती नंदन बहुगुणा गढ़वाल विश्वविद्यालय, श्रीनगर (गढ़वाल)  
H.N. BAHUGUNA GARHWAL UNIVERSITY, Srinagar (Garhwal)

दिनांक

Dated 27. 2. 2001

  
कुलपति

Vice Chancellor



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 703454



H.T. No. : 0803PH1339

*Ms. Jagannayaki K  
D/o. H L C Kesava Rao*

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

*Doctor Of Philosophy  
Management Science*

Topic : 'US Stock Market Vis-a-vis Indian Stock Market of Select IT  
Companies'.

Given under the Seal of the University

Date: 21-04-2017



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

VICE CHANCELLOR



40061460579

PC No  
31600518

*[Signature]*

ANU/CDE/CSE/PH.D/HRM/C09PD655064/APRIL2009



**ACHARYA NAGARJUNA UNIVERSITY**  
అచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF COMMERCE & MANAGEMENT STUDIES**

*This is to certify that*

Mr./Ms.

**GOPULARAM SAIREKHA**

**G M NARASIMHA REDDY**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

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

*receive the same with effect from* **2 May 2018**

*in the Department of* **HUMAN RESOURCE MANAGEMENT**

*Title of the Thesis :* **A COMPARATIVE STUDY OF MOTIVATION OF EMPLOYEES IN MINORITY AND NON MINORITY INSTITUTIONS (SELECTED INSTITUTIONS IN HYDERABAD)**

*Given under the Seal of the University*

Nagarjuna Nagar-522 510,  
A. P, India



Principal  
CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.



Enrollment No.: SETDP0507170037

2023020909



# University of Technology

www.uot.edu.in



On recommendation of the Academic Council  
has conferred upon

**FAREESA FIRDOUSE**

the degree of

**DOCTOR OF PHILOSOPHY**

(ELECTRICAL ENGINEERING)

in compliance with UGC (Minimum Standards and Procedure for  
Award of M.Phil./Ph.D Degrees) Regulations, 2016  
on the thesis titled:

**Hybrid Renewable Power Systems Using Optimization Techniques Best  
Suited for Mankind.**

having completed in the year 2023 in witness where of  
the Seal of the University is herounto affixed.

Given on this 21st May 2023.

PRESIDENT/VICE-CHANCELLOR

Jaipur (Rajasthan), India

DATED: 21-05-2023

Registrar



Est. by Govt. of Rajasthan through Act No. 28 of 2017, Empowerment 2(E) of UGC Act 1956  
Vatika, Tehsil Sanganeer, Jaipur, Rajasthan | www.universityoftechnology.edu.in

Principal

CMR INSTITUTE OF TECHNOLOGY  
Kandlakoya (V), Medchal Road,  
Hyderabad-501 401.