


**Chaitanya Bharathi Institute of Technology**  
**Details of full-time teachers with PhD during the year 2022-23**

S.No	Name of full-time teacher with Ph.D.	Ph.D. & Year of obtaining
1	Dr.K.Radhika	2013
2	Dr.R.Madana Mohana	2017
3	Dr.D.Lakshmi Srinivasa Reddy	2014
4	Dr. Kadiyala Ramana	2019
5	Dr.Y.Ramadevi	2009
6	Dr. Ashoutosh Panday	2006
7	Dr.Yadavalli Rajasri	2016
8	Dr.C.Obula Reddy	2019
9	Dr.V.Aruna	2006
10	Dr.G.Vijaya Laxmi	1996
11	Dr. S.Sumitra	2023
12	Dr.Bishwambhar Mishra	2014
13	Dr.C.Nagendranatha Reddy	2017
14	Dr.K.Dharmalingam	2020
15	Dr.B.Sumithra	2020
16	Dr. Kiran Yellappa Vajanthri	2019
17	Dr.Sanjeeb Kumar M	2019
18	Dr.M.Subramaniam	2013
19	Dr.G.Jaya Rao	2022
20	Dr.M.Mukunda Vani	2015
21.	Dr.P.V.Naga Prapurna	2009
22	Dr.NLN Reddy	2019
23	Dr. Mallaiah Mekala	2015
24	Dr.P.Madhuri	2020
25	Dr.K.Prasad Babu	2021
26	Dr.B.Ganesh	2016
27	Dr.Harsha Nagar	2020
28	Dr.V.Swapna	2013
29	Dr.Prasanna Rani R	2014
30	Dr. Venkata Sesha Praveen Bulusu	2015
31	Dr. Raj Kumar Verma	2020
32	Dr.Rupam Sinha	2022
33	Dr.K.Lakshmi	2000
34	Dr.S.Shylaja	2012
35	Dr.K.Ramesh	2012
36	Dr.M.Mamatha	2005
37	Dr.P.Murali Krishna	2009
38	Dr.Saritha.D	2012
39	Dr.G.Venkata Ramesh	2011
40	Dr.M.Rama Devi	2013
41	Dr.N.Mahendar Reddy	2005
42	Dr. T.V.Surendra	2018
43	Dr. Satish Kumar Kurapati	2015
44	Dr.K.Jagannadha Rao	2000
45	Dr.M.Koti Reddy	2009
46	Dr.M.V.Krishna Rao	2013

  
**Principal**  
 Chaitanya Bharathi Institute of Technology (A)  
 Gandlpet, Hyderabad-500 075.

**Chaitanya Bharathi Institute of Technology**  
**Details of full-time teachers with PhD during the year 2022-23**

S.No	Name of full-time teacher with Ph.D.	Ph.D. & Year of obtaining
47	Dr. A.Balaji Rao	2023
48	Dr.N.Ravi Dakshina Murthy	2008
49	Dr.T.Chaitanya Sri Krishna	2020
50	Dr.Jnana Ranjan Khuntia	2021
51	Dr. Srikanth Koniki	2019
52	Dr.Preethi Kasirajan	2020
53	Dr.Mohd Aamir	2019
54	Dr. Arshad Hussain Choudhury	2022
55	Dr. Kamalini Devi	2019
56	Dr.Dudam Bharath Kumar	2017
57	Dr.Angshuman Das	2021
58	Dr.Raghava Aditya Bhamidipati	2016
59	Dr. M.Swamy Das	2014
60	Dr. K.Sagar	2014
61	Dr.S.China Ramu	2016
62	Dr.Dugyala Raman	2016
63	Dr.Sugandha Singh	2015
64	Dr.T.Sridevi	2017
65	Dr. R.Ravinder Reddy	2016
66	Dr.Sangeeta Gupta	2017
67	Dr.Kolla Morarjee	2019
68	Dr. Ravi Uyyala	2020
69	Dr. V.Padmavathi	2020
70	Dr. Kuncham Sreenivasa Rao	2015
71	Dr.Premkumar Chithaluru	2019
72	Dr.Uma Maheswari V	2021
73	Dr.E.Padmalatha	2018
74	Dr. G.Vanitha	2021
75	Dr.G.Kiran Kumar	2015
76	Dr. B.Bhargavi	2021
77	Dr.Rupesh Mishra	2020
78	Dr.N.V.Koteswara Rao	2006
79	Dr.D.Krishna Reddy	2008
80	Dr. P.Narahari Sastry	2011
81	Dr.A.D.Sarma	1986
82	Dr.Pamulapati Anuradha	2019
83	Dr.S.Radha	2021
84	Dr.B.Khaleelu Rehman	2019
85	Dr.A.Supraja Reddy	2017
86	Dr.M.L.N.Charyulu	2020
87	Dr.Vinodh Kumar Minchula	2019
88	Dr.A.Vani	2012
89	Dr..N.Aivelu Manga	2017
90	Dr.K.Sudarshan Reddy	2023
91	Dr.M.Ramana Reddy	2019
92	Dr.P.Sathish	2020

  
Principal  
Chaitanya Bharathi Institute of Technology (A)  
Gandipet, Hyderabad-500 075.

**Chaitanya Bharathi Institute of Technology**  
**Details of full-time teachers with PhD during the year 2022-23**

S.No	Name of full-time teacher with Ph.D.	Ph.D. & Year of obtaining
93	Dr.K.Suman	2016
94	Dr.Sai Krishna Kondoju	2017
95	Dr.Ch.Navitha	2022
96	Dr.Jeet Ghosh	2020
97	Dr. M.Bhanuchandra	2017
98	Dr.Puli Ashok Kumar	2021
99	Dr.S.Siva Priyanka	2022
100	Dr.D.Srikar	2021
101	Dr.Suraj Prakash Sahoo	2021
102	Dr. M Raj Kumar Naik	2020
103	Dr.C.Venkata Narasimhulu	2013
104	Dr.Bhasker Dappuri	2018
105	Dr.K.Krishna Veni	2009
106	Dr.P.Venkata Prasad	2008
107	Dr.G.Suresh Babu	2013
108	Dr.Umakanth Chowdary	2002
109	Dr.M.Balasubba Reddy	2015
110	Dr.B.Suresh Kumar	2014
111	Dr.T.Murali Krishna	2016
112	Dr.P.Kowstubha	2017
113	Dr. T.Sudhakar Babu	2017
114	Dr.Ch.V.Krishna Reddy	2021
115	Dr.N.Vasantha Gowri	2019
116	Dr.N.Venkataphanendra Babu	2019
117	Dr.B.Krishna Chaitanya	2021
118	Dr.P.Vijay Babu	2019
119	Dr. Nishanth Patnaik	2017
120	Dr.Madhulika Das	2017
121	Dr.Ram Babu Thogaru	2022
122	Dr. Yawer Abbas Khan	2022
123	Dr.Ahmed Syed	2018
124	Dr.Annamraju Anil Kumar	2021
125	Dr.Shagufta Parween	2018
126	Dr.Shirisha Deshpande	2018
127	Dr.Nandigam Madhu	2017
128	Dr. Diya Narayan Panjwani	2019
129	Dr.Md.Sharfraj	2022
130	Dr.P.Suresh Pabboju	2010
131	Dr.Rajanikanth Aluvalu	2018
132	Dr. K.Ramakrishna	2015
133	Dr. M.Venugopala Chary	2017
134	Dr.RM Krishna Sureddi	2017
135	Dr. P. Ramesh Babu	2017
136	Dr. T.Satyanarayana Murthy	2019
137	Dr.Ramu Kuchipudi	2019
138	Dr. S.Sathappan	2019

**Chaitanya Bharathi Institute of Technology**  
**Details of full-time teachers with PhD during the year 2022-23**

S.No	Name of full-time teacher with Ph.D.	Ph.D. & Year of obtaining
139	Dr.Pragathi Pridharshinee	2018
140	Dr.M.Trupthi	2020
141	Dr.T.Prathima	2022
142	Dr.B.Veera Jyothi	2018
143	Dr. B.Swathi Sowmya	2023
144	Dr.C.Srikanth Reddy	2012
145	Dr.P.Raj Reddy	2003
146	Dr.M.Ganeshwar Rao	1994
147	Dr.Swatmaram	2006
148	Dr.G.Narsimlu	2010
149	Dr.B.R.Sreedhar	2013
150	Dr.P.Suresh	2018
151	Dr.G.Deepa	2013
152	Dr.K.Sharada	2018
153	Dr.Mamta Thakur	2016
154	Dr.A.Padma	2018
155	Dr.Palle Kiran	2015
156	Dr.Macha Madhu	2017
157	Dr.B.Chandra Shekar	2017
158	Dr. V.Sreeramani	2020
159	Dr. Lakshmi Sireesha Challa	2015
160	Dr. K.Panduranga	2022
161	Dr. V.Omeswar Reddy	2021
162	Dr. M.Santoshi Kumari	2023
163	Dr.G.N.R.Prasad	2019
164	Dr. M.Ramchander	2023
165	Dr.B.Indira	2010
166	Dr.P.V.R.Ravinder Reddy	2010
167	Dr.M.V.S.Murali Krishna	2005
168	Dr.N.V.Srinivasulu	2010
169	Dr.P.Prabhakar Reddy	2006
170	Dr.G.Laxmaiah	2013
171	Dr.VVR Seshagiri Rao	2016
172	Dr.T.Ratna Reddy	2017
173	Dr. R.P.Chowdary	2017
174	Dr.K.Kishor	2014
175	Dr.S.Solomon Raj	2017
176	Dr.Md.Aleem Pasha	2017
177	Dr.L.Suresh Kumar	2011
178	Dr.Ch.Indira Priyadarshini	2020
179	Dr.S.Narasimha Kumar	2014
180	Dr.B.V.S.Rao	2018
181	Dr. N.Janardhan	2017
182	Dr.P.Rama Lakshmi	2014
183	Dr.Rahul	2018
184	Dr. YS Kannan	2020



**Principal**  
**Chaitanya Bharathi Institute of Technology (A)**  
**Gandipet, Hyderabad-500 075.**

**Chaitanya Bharathi Institute of Technology**  
**Details of full-time teachers with PhD during the year 2022-23**

S.No	Name of full-time teacher with Ph.D.	Ph.D. & Year of obtaining
185	Dr.A.Kiran Kumar	2018
186	Dr.Ashutosh Sahu	2021
187	Dr.Ranjit J. Singh	2019
188	Dr. Inturi Vamsi	2020
189	Dr.Hari Krishan Yadav	2020
190	Dr. P.Ravinder Reddy	2001
191	Dr..R.Rajeswari	2016
192	Dr.S.Raju	2015
193	Dr.B.Sreenivasa Reddy	2006
194	Dr.Y.Srinivasa Reddy	2006
195	Dr.K.Vinay Kumar Reddy	2010
196	Dr.K.Raja Gopal	2013
197	Dr.M.Subhadra	2011
198	Dr.S.Shravan Kumar Reddy	2017
199	Dr.Neelima Agarwal	2012
200	Dr. S.Shanmukharao Samatham	2016
201	Dr.Santhosh Kumar.A	2015
202	Dr.B.M.Pratima	2019
203	Dr.Madunuri Chandra Sekhar	2018
204	Dr.S.Saraswathi	2006
205	Dr. T.S.Poorna Chandrika	2015
206	Dr.Jalaja Enamala	2012
207	Dr.K.Sowmya	2013
208	Dr.Paruthi Mandakini	2018
209	Dr.Daman Jeet	2019
210	Dr.M.Anil Kumar	2018
211	Dr.Narender Miryala	2019
212	Dr.Chepur Jyothi	2020
213	Dr.K. Sugamy	2023
214	Dr Parmeshwari	2022
215	Dr.Rakhee Renapurkar	2017
216	Dr. B. Lavanya	2023
217	Dr. T. Venkata Ramana	2021
218	Dr Y.Nagini	2022



**Principal**  
**Chaitanya Bharathi Institute of Technology (A)**  
**Gandipet, Hyderabad-500 075.**

# Osmania University



Faculty of Engineering

This is to certify that H. Shadhika  
 son / daughter of H. Sambastou Rao  
 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 Computer Science & Engineering

The title of the Thesis is :

Efficient Mobile-Centric Vertical Handoff Decision Models for  
 Heterogeneous Wireless Networks

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 27 Dec 2019

Given under the seal of the University



CN051080148

Hyderabad, 17<sup>th</sup> June 27, 1941

Dated

June 17, 2019



*[Signature]*  
 Principal  
 Jyoti Basa Institute of Technology  
 (Autonomous)  
 Gandipet, Hyderabad-500 075.

Vice-Chancellor

SL No.:

006004

PT



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

ఫాకల్టీ ఆఫ్ ఇంజనీరింగ్  
Faculty of Engineering

మదనమోహన ఆర్

క్రిష్ణయ్య ఆర్ గారి కుమారుడు కు

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

డాక్టర్ ఆఫ్ ఫిలాసఫి

పట్టా ప్రదానానికి అర్హత వొందినట్లు ధృవీకరించడమైంది.

*This is to certify that*

*Madanamohana R*

*Son of Krishnaiah R*

*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 : COMPUTER SCIENCE & ENGINEERING

SUBJECT OF THE THESIS : "Efficient Techniques for Information Retrieval  
and Recognition: ASL, Spoken Language and  
CBIR"

YEAR : 2017

విశ్వవిద్యాలయ అధికార ముద్రతో జారీ చేయడమైంది.

*Given under the Seal of the University*

తిరుపతి / Tirupati

తేదీ / Date : 28 MAR 2017



ఉపకులపతి  
Vice - Chancellor

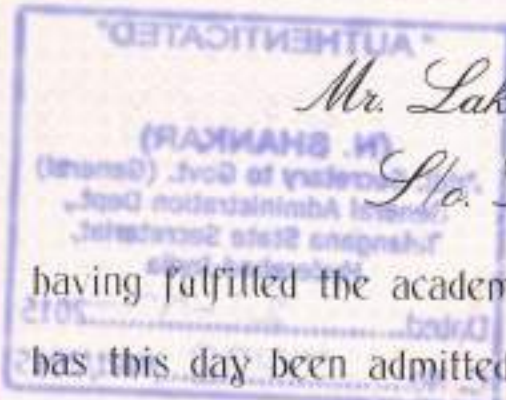
# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 671386



H.T No.: 0903PH0624



*Mr. Lakshmisreenivasareddy D*

*Shri. C Venkatarreddy D*

having fulfilled the academic requirements in *December, 2014*

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

*Doctor Of Philosophy*

*Computer Science And Engineering*

Topic : Novel Outlier Analysis Methods to Improve Classifier Accuracy for Categorical Data

Given under the Seal of the University

Date: 10-07-2015



*CSE*

*N.V.*

*Shairaj*

DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR



460001530727

PC No  
21805534258



■ REG. NO. : 7531310004



# SRM

## INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF THE UGC ACT, 1956)

*Faculty of Engineering and Technology*  
The Board of Management of the SRM Institute of  
Science and Technology hereby makes known that

KADIYALA RAMANA

has been admitted to the Degree of Doctor of Philosophy  
having been certified by duly appointed examiners to be  
qualified to receive the same in NOVEMBER - 2019

**Title of the Thesis:** A STUDY ON LOAD - BALANCING STRATEGIES FOR WEB SERVER  
SYSTEMS WITH SUGGESTIONS FOR POSSIBLE IMPROVEMENTS  
(COMPUTER SCIENCE AND ENGINEERING).



Given under the seal of the University



DATED: 28 DEC 2019

SRM NAGAR, KATTANKULATHUR - 603 203  
KANCHEEPURAM (DIST.) TAMILNADU, INDIA

REGISTRAR

VICE-CHANCELLOR



# हैदराबाद विश्वविद्यालय University of Hyderabad

प्रमाणित किया जाता है कि  
रमा देवी वें

को

*गणित और कंप्यूटर सूचना विज्ञान*

संकाय में

शोध-प्रबंध प्रस्तुत करने एवं सभी अपेक्षाओं को  
सफलतापूर्वक पूर्ण करने पर सन् 2009 में

**डॉक्टर ऑफ़ फ़िलॉसफ़ी**

की उपाधि प्रदान की गयी है



*This is to certify that*

**RAMA DEVI**

*having submitted a thesis in the*

*School of Maths & Computer / Info. Sci.*

*and having successfully completed all the requirements*

*has been admitted to the degree of*

**Doctor of Philosophy**

*in the year 2009*

विश्वविद्यालय का मुहर के अधीन प्रदान  
Given under the seal of the University

  
कुल सचिव  
Registrar

  
कुलपति  
Vice-Chancellor

# University of Massachusetts



*The Board of Trustees, in accordance with the recommendation  
of the President of the University  
and of the Chancellor and Faculty of the Graduate School  
of the University of Massachusetts Amherst,  
hereby confers upon*

**Ashoutosh Panday**

*the Degree of*

**Doctor of Philosophy**

*with all Rights, Privileges and Dignities appertaining to that Degree.*

*Given at Amherst*

*September 1, 2006*

  
CHANCELLOR, AMHERST CAMPUS

  
PRESIDENT OF THE UNIVERSITY

  
CHAIR, BOARD OF TRUSTEES

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 703112



H.T No. : 0903PH0249

*Ms. Rajasri Yadavalli*

*D/o. Satyanarayana Yadavalli*

having fulfilled the academic requirements in *March, 2016*

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

*Doctor Of Philosophy*

*Bio-Technology*

Topic : "Biomass Production Studies with *Chlorella pyrenoidosa* in an Internally Illuminated Bubble Column Photobioreactor".

Given under the Seal of the University

Date: 21-04-2017



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*

VICE CHANCELLOR



PC No

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CC 048299

H.T.No:11PH1108

Aadhaar No:828830062080



*Chittepu Obula Reddy*

*Dr. C Konda Reddy*

*&*

*C Hussainamma*

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

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

**(Bio-Technology)**

**for the Thesis entitled,**

**"STUDIES ON LACTIC ACID FERMENTATION FROM AGRICULTURAL RESIDUES BY USING  
MUTANT LACTOBACILLUS DELBRUECKII"**

*Date of Viva Voce : 28.06.2019 Given under the Seal of the University*

*Tuesday, 16 July, 2019.*



*Supplena*

**DIRECTOR OF EVALUATION**

*M. S. R.*

**REGISTRAR**

*J. Venkatesh Chandra*

**VICE CHANCELLOR**

Sl. No. 00109



# Sri Krishnadevaraya University



## Faculty of Science

Reg. No. -----

Sri Krishnadevaraya University hereby confers the Degree of

### Doctor of Philosophy

on Aruna Varimadugu

Son / Daughter of V. Govinda Reddy

in recognition for his/ her research work on

**IN VITRO STUDIES ON MICROPROPAGATION FROM MATURE EXPLANTS OF CARALLUMA SPP.  
(ASCLEPIADACEAE)**

in the Department of Biotechnology

he / she having been found duly qualified for the same in 12-09-2006

12<sup>th</sup> September 2006

Given under the seal of the University



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

Dated 12 JUN 2007



Vice-Chancellor

# Osmania University



Faculty of Science

This is to certify that A. Vijaya Sarma  
son/daughter of S. Bhujangam 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

Genetics

"Studies on plant regeneration from culture and  
protoplast cultures of indica Rice."

Given under the seal of the University

Hyderabad  
Dated KARTHIKA 13 1919  
NOVEMBER 27, 1997

Vice-Chancellor

PHD 6982



# Osmania University

Ref. No.

PHD43772

Receipt no.:CN032300151


## Provisional Certificate

This is to certify that S SUMITHRA  
S JAYA PRAKASH  
son/daughter of \_\_\_\_\_  
having pursued a course of study prescribed by this University and  
FEBRUARY 2023  
having passed the requisite examinations in \_\_\_\_\_  
by dissertation/thesis, has been admitted to the Degree of  
Ph.D. in Chemical Engg. TECHNOLOGY  
in the Faculty of \_\_\_\_\_

Hyderabad

Dated 27/03/2023



  
Section - incharge

  
for Registrar





The Board of Management of the VIT University  
hereby confers on



**BISHWAMBHAR MISHRA**

*the degree of*

**DOCTOR OF PHILOSOPHY**  
(INTEGRATED)

*in recognition of the research work entitled*

**OPTIMIZATION OF FERMENTATION CONDITIONS FOR PULLULAN PRODUCTION BY  
VIT-SB-1 ISOLATE OF ASPERGILLUS JAPONICUS (GEN BANK ACC. NO. KC128815)  
AND ITS APPLICATIONS**

*and for having fulfilled the prescribed requirements in the*

**School of Bio Sciences and Technology**

*given this day the 21 October 2014*



Given under the seal of this university

Vice - Chancellor

Chancellor

Dated : 08-Oct-2015

Vellore - 632 014, Tamil Nadu, India

1000529

**AcSIR**

**वैज्ञानिक और नवीकृत अनुसंधान अकादमी**  
**ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH**

(Established by an Act of Parliament as an Institution of National Importance)

UPON THE RECOMMENDATION OF THE FACULTY

CERTIFIES THAT

*Mr. C. Nagendranatha Reddy*

WAS AWARDED THE DEGREE OF

**DOCTOR OF PHILOSOPHY IN SCIENCE**

ON 01<sup>st</sup> JUNE 2017 IN RECOGNITION OF SCIENTIFIC ACCOMPLISHMENTS AND THE CAPABILITY TO CARRY ON  
RESEARCH AS DEMONSTRATED BY COMPLETION OF A THESIS BEARING THE TITLE

**Advanced Bio-systems For Sustainable Remediation of Azo Dye Based  
Wastewater Embedded With Resource Recovery**

AT CSIR-Indian Institute of Chemical Technology, Hyderabad

THE DEGREE WAS CONFERRED ON HIM ON 06<sup>th</sup> SEPTEMBER 2017



*Nagender Singh*  
Director

*Baldev*  
Chancellor

1000529



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

गुवाहाटी - 781 039, भारत

Indian Institute of Technology Guwahati

Guwahati - 781 039, India

Phone : +91-361-258 2192  
Fax : +91-361-258 2090  
+91-361-269 0762  
email : acadoff@iitg.ernet.in  
web : http://www.iitg.ernet.in/acad

ACADEMIC AFFAIRS

Ref.:Ph.D/CERT/Prov/156107026



Date : November 12, 2020

## PROVISIONAL CERTIFICATE

This is to certify that **Dharmalingam K** (Roll No. 156107026), Research Scholar in the Chemical Engineering Department of this Institute, has successfully completed the Ph.D. programme of this Institute.

His thesis viva-voce examination was held on **31<sup>st</sup> October, 2020**.

The title of his thesis is: **Fabrication of Novel Hydrogel Films for Drug Delivery Applications: Influence of Crosslinker and Nanomaterials on Film Properties.**

It is also certified that, as per programme requirement, he also completed course work and comprehensive examination.

The thesis evaluation was done by a pool of examiners including external examiners from India and abroad.

(D. Sharma)

Joint Registrar  
Academic Affairs

Joint Registrar (Academic Affairs)  
Indian Institute of Technology Guwahati  
Guwahati-781039, INDIA

000 2

MSH No. 180002

# National Institute of Technology Warangal

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

**Doctor of Philosophy**

*on*

**Sumithra Bapatla**

(Roll No: 701435 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in August, 2020 in the Department of*

**Biotechnology**

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

*Title of the Thesis :* GENOME-WIDE ANALYSIS OF SAM68 AS A PROGNOSTIC BIOMARKER IN CANCER AND FABRICATION OF A BIOSENSOR FOR CLINICAL DIAGNOSIS.



*N. V. [Signature]*  
CHAIRMAN  
SENATE & BOARD OF GOVERNORS

भारतीय  
प्रौद्योगिकी  
संस्थान

काशी हिन्दू विश्वविद्यालय

S.No. : P19-122



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY

Roll No.: 14021004

भारतीय प्रौद्योगिकी संस्थानम् (काशी हिन्दू विश्वविद्यालयः) वाराणसी द्वारा  
२०७६ विक्रमसंवत्सरे  
श्री किरण यल्लप्पा वाजंत्री  
विद्यावारिधि  
इत्युपाधिना अलङ्क्रियते।

भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी द्वारा  
२०१९ ईसवी (विक्रम संवत्सर २०७६) में  
श्री किरण यल्लप्पा वाजंत्री को  
विद्यावारिधि  
की उपाधि से अलङ्कृत किया जाता है।

**The Indian Institute of Technology (Banaras Hindu University) Varanasi  
hereby confers the Degree of  
Doctor of Philosophy  
in 2019  
on Shri Kiran Yellappa Vajanthri.**

*Title of the Thesis -*


**Developing Strategies for Fabrication of In Vitro Skeletal Muscle Tissue.**




भारतीयगणराज्यान्तर्गते—वाराणस्याम् २०७७ विक्रमसंवत्सरे माघमासस्य  
कृष्णपक्षस्य द्वादशी तिथौ संस्थानस्य मुद्राङ्कितः उपाधिः प्रदत्तः।

भारतीय गणराज्य के अन्तर्गत वाराणसी में आठ फरवरी दो हजार इक्कीस को  
संस्थान की मुद्राङ्कित उपाधि प्रदान की गई।

Given under the seal of the Institute at Varanasi in the Republic of  
India on the Eighth day of February, Two Thousand Twenty One.

  
केलमसिंह

  
अध्याक्ष मीनेर

  
—अध्याक्ष गंगाधरक पाण्डेय



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

**SANJEEB KUMAR MANDAL**

*the degree of*

**DOCTOR OF PHILOSOPHY**

*in recognition of the research work entitled*

**BIOREMEDIATION OF HIGH MOLECULAR WEIGHT POLYCYCLIC AROMATIC  
HYDROCARBONS USING YEAST CONSORTIA**

*for having fulfilled the prescribed requirements.*

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

*given this day the 20 August 2019*



*Given under the seal of this university*

*[Signature]*  
Vice - Chancellor

*[Signature]*  
Chancellor

Dated: 17-Sep-2019

Vellore, Tamil Nadu, India

# Anna University



Reg.No. 2006419727/RG

*The Syndicate of the Anna University hereby makes known that*  
**SUBRAMANIAM M** *has been admitted to the* **DEGREE OF DOCTOR**  
**OF PHILOSOPHY** *under the Faculty of Information and*  
*Communication Engineering, having been certified by the duly appointed*  
*examiners to be qualified to receive the same in the year 2013.*

*Title of the Thesis:*

**MULTIPATH STATE AWARE CMT USING REDUNDANT  
TRANSMISSION FOR SCTP MULTI-HOMED HOSTS**

*Given under the Seal of the University*



0067

MSH No. 200067

# National Institute of Technology Warangal

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

**Doctor of Philosophy**

*on*

**Gudeme Jayarao**

(Roll No: 716178 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in May, 2022 in the Department of*

**Computer Science & Engineering**

*Given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Fourth day of September Two Thousand Twenty Two.*

*Title of the Thesis : Secure Public Auditing Schemes for Shared Data with User Revocation in Cloud Storage*



*N. V. [Signature]*

CHAIRMAN  
SENATE & BOARD OF GOVERNORS



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 675735



H.T No. : 0703PH0215

*Ms. M. Mukunda Vani*

*D/o. M. Srinivas*

having fulfilled the academic requirements in *August, 2015*

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

*Doctor Of Philosophy*

*Bio-technology*

Topic : Biochemical Reaction Engineering Studies on Liquefaction of Fruit  
Pulp Using Immobilized Pectinase Enzyme

Given under the Seal of the University

Date: 28-12-2015



DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR



PC No

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

RF 302507

39503194221



420000924584



*Ms. Pentapati V Naga Prapurna*

*D/o Mr. Pentapati Krishna Murthy*

having fulfilled the academic requirements in *December - 2009*  
has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Environmental Science & Technology*

Topic: 'Removal of Organic Pollutants and Toxic Heavy Metals from  
Industrial Wastewaters by Adsorption Technique'

Given under the Seal of the University

H.T.No: 02355ENV

Date: 28-04-2011



*T. Narayan*

DIRECTOR OF EVALUATION

*G. Subramanian*

REGISTRAR

*K. Srinivas*

VICE-CHANCELLOR



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

HYDERABAD - 500 085, TELANGANA STATE, INDIA. 19001198



SI. No. PC 00956519



**PROVISIONAL CERTIFICATE**



Hall Ticket No.: 0903PH0273

This is to certify that Mr. N LAKSHMI NARASIMHA REDDY

son of Mr. SATHI REDDY

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

in the faculty of BIO-TECHNOLOGY

of this University, held in February, 2019 for the thesis entitled,

"Purification and Characterization of Tannases from *Aspergillus terreus*".

*Heppa*  
Verified by

Hyderabad - T.S.

Date: 06 March 2019

*Heppa*  
Director of Evaluation

*Andaia*  
REGISTRAR

000 28

MSH No. P150028

# National Institute of Technology Warangal

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

## Doctor of Philosophy

*on*

**Mr. Mallaiah Mekala**

(Roll No: 701070 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in February 2015 in the Department of*

## Chemical Engineering

*Given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Thirteenth day of December Two Thousand Fifteen*

*Title of the Thesis :* ESTERIFICATION OF ACETIC ACID WITH METHANOL BY CATALYTIC REACTIVE DISTILLATION: PORE DIFFUSION MODEL



  
CHAIRMAN  
SENATE & BOARD OF GOVERNORS

# The Birla Institute of Technology & Science

Upon the Recommendation of the Senate hereby confers on

**Madhuri P**

The Degree of

## Doctor of Philosophy

having been found duly qualified. The thesis presented for the Degree was entitled "*Study of Pulp Characteristics after Cooking and Bleaching for Optimization of Process Parameters*".


Given this twentieth day of March, two thousand twenty under the Seal of the Birla Institute of Technology & Science at Pilani in the State of Rajasthan, India.

  
DIRECTOR

  
REGISTRAR



  
CHANCELLOR

  
VICE-CHANCELLOR

OU 901004

# Osmania University



Faculty of Technology

This is to certify that Hoarla Prasad Babu  
son / daughter of H Durgaiah  
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 Chemical Engineering

The title of the Thesis is :

Recovery of Valuable Minerals from Ore by Using Novel Separation  
Techniques

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 31 Dec 2021

Given under the seal of the University



C.No82200075

Hyderabad, T.S.

Dated 20 SEP 2022



Vice-Chancellor

OU638638

# Osmania University



Faculty of Technology

This is to certify that Ganesh Bolla

son / daughter of Alpalaiah

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 Chemical Engineering

The title of the Thesis is :

Dynamic Modeling and Control Studies for a Reactive Batch

Distillation Process

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 01 Apr 2016

Given under the seal of the University



Hyderabad

26 MAY 2016



*J. Chaitanya*  
Vice-Chancellor



Osmania University

NO. 5025

Ref. No. \_\_\_\_\_

Provisional Certificate

This is to certify that \_\_\_\_\_

son/daughter of \_\_\_\_\_

having pursued a course of study prescribed by this University and

having passed the requisite examination at \_\_\_\_\_

is hereby recommended to the Degree of \_\_\_\_\_

in the Faculty of \_\_\_\_\_



Received

Date \_\_\_\_\_

*[Signature]*  
Principal

*[Handwritten Signature]*

Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.



1366

# National Institute of Technology, Warangal



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

## Doctor of Philosophy

*on*

Ms. V. Swapna

(Roll No: 700915)

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in November 2013 in the Department of*

## Bio Technology

*Given under the seal of the Institute at Warangal  
in the Republic of India on the Ninth day of August Two Thousand Fourteen*

*Title of the Thesis : Production and Optimization of Industrially important ALKALINE  
protease enzyme from soil micro organisms*



  
DIRECTOR &  
CHAIRMAN, SENATE

*V. Swapna*



  
CHAIRMAN  
BOARD OF GOVERNORS

# Indian Institute of Technology Hyderabad

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

## Doctor of Philosophy

for fulfilling all prescribed requirements for the degree and  
successfully defending the thesis titled:

**Lattice Boltzmann Simulations of Some Novel Multiphase Flows**

on

**Prasanna Rani Redapangu**

*with all its rights, privileges, and responsibilities.*

*Granted under the seal of the Institute on the eighth day of August, two thousand and fourteen.*



Registrar

Director

Chairman, Board of Governors



# Indian Institute of Technology Madras

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

**VENKATA SESA PRAVEEN BULUSU**

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

**CHARACTERIZATION AND MODIFICATION OF CERIA ABRASIVES FOR  
SHALLOW TRENCH ISOLATION CHEMICAL MECHANICAL POLISHING**



CH110032



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

*KCB*  
Registrar

*B.*  
Director

*R. Srinivasan*  
Chairman, Board of Governors



भारतीय प्रौद्योगिकी संस्थान रुड़की

अभिषद् की अनुज्ञा पर

विद्या वाचस्पति

की उपाधि

राज कुमार वर्मा

को

शोध प्रबन्ध शीर्षक: ए स्टडी ऑफ़ लिक्विड-लिक्विड टू-फेज फ्लो थ्रू मिनी-सर्पेंटाइन रिएक्टर  
भारतीय गणराज्य के अन्तर्गत रुड़की में आज, दिनांक नवम्बर 29, 2020, 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

RAJ KUMAR VERMA

Thesis Title: A STUDY OF LIQUID-LIQUID TWO-PHASE FLOW THROUGH MINI-SERPENTINE REACTOR

Given this day, November 29, 2020, under the seal of the Institute at Roorkee in the Republic of India.

  
कुलसचिव  
Registrar

  
अध्यक्ष, अभिषद् एवं निदेशक  
Chairman, Senate & Director





156107024

# भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

विद्या परिषद की अनुशंसा पर

विद्या वाचस्पति की उपाधि

## रूपम सिन्हा

को इस उपाधि के प्रदान हेतु विनियम विहित अपेक्षाएँ मई 2022 में सफलतापूर्वक पूर्ण करने पर प्रदान करता है।

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 17 जून 2022 को संस्थान की यह मुद्रा अंकित उपाधि दी गई।

## INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

upon the recommendation of the Senate hereby confers the degree of

### Doctor of Philosophy

on

### Rupam Sinha

who has successfully completed in May 2022, the requirements prescribed under the regulations for the award of this degree.

Given this day, under the seal of the Institute at Guwahati in the Republic of India, the 17<sup>th</sup> day of June, 2022.

**Thesis Title :** Synthesis of Carbon Dots and Their Applications in Sensing, Optoelectronics, and Energy Storage Systems

निदेशक एवं  
अध्यक्ष, विद्या परिषद  
Director and  
Chairman, Senate

कुलसचिव  
Registrar

अध्यक्ष,  
शासी मंडल  
Chairman,  
Board of Governors

# Osmania University



Faculty of Science

This is to certify that N. Venkatesh  
son/daughter of N. Madanachari 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 )  
" Studies on interaction of metal ions with Benzothio  
oxalines, Benzothiozole, hydrazones and isatin oxime  
in solution. Synthesis and Characterization of  
their solid Complexes. "

Given under the seal of the University

Hyderabad

Dated 17 JAN 2001

*[Signature]*  
Principal

*[Signature]*  
Vice-Chancellor

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Bandipet, Hyderabad-500 075.

OU 370166

# Osmania University



Faculty of Science

This is to certify that P Phylaja  
son / daughter of Narsimha Reddy  
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 :

Oxidation of Certain Biomolecules in Presence of Micelles and  
Polyethylene Glycols - A Kinetic, Synthetic Study

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 12 Mar 2012

Given under the seal of the University



Hyderabad

*S. Prasad*

7.1.1 / DEC 2012

Director (Examination)

OU 376730

# Osmania University



Faculty of Science

This is to certify that Ramesh Kola

son / daughter of Swamy

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 :

Polyethylene Glycols as Catalysts in Hunsdiecker - Borodin

Reactions - A Synthetic and Kinetic Approach.

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 20 Mar 2012

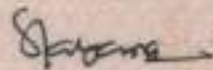
Given under the seal of the University



Hyderabad

Dated 07 FEB 2013



  
Vice-Chancellor





# Osmania University

4774

Ref. No. 028241

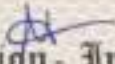
## Provisional Certificate

This is to certify that M. Mamatha  
son/daughter of M. Madhava Chary  
having pursued a course of study prescribed by this University and  
having passed the requisite examinations in November, 2004  
by dissertation/thesis, has been admitted to the Degree of  
Ph. D. (Chemistry) in the Faculty of Science

Hyderabad, A.P.

Dated 24-11-2004



  
Section - Incharge

  
for Registrar

# Kakatiya University



Faculty of Science

Roll No.           

This is to certify that Muralikrishna . P

Son / Daughter of Ramchandet

having pursued a course of study prescribed by this University and  
having passed the requisite Examination by thesis, has been admitted  
to the Degree of

**Doctor of Philosophy**

(Awarded in June 2009)

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

"Thermodynamic and Transport  
Properties of Binary Liquid Mixtures  
of Sulfolane with Different Organic  
Solvents"

Given under the seal of the University

Warangal

Dated Ushada ee. 1931  
July 13, 2009

A handwritten signature in black ink, appearing to read 'D. J. ...', is written over the printed title 'Vice-Chancellor'.

**Vice-Chancellor**



# Indian Institute of Technology Madras

*heroby confers the degree of  
Doctor of Philosophy  
of the Institute  
on*

**SARITHA DAVULURI**

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

**SYNTHESIS, CHARACTERIZATION AND STUDIES ON ELECTROCHEMICAL  
LITHIUM INSERTION IN SELECT TRANSITION METAL COMPOUNDS  
WITH CHANNEL STRUCTURES**



CY980109

*Given this day the Twentieth of July, 2012  
under the seal of the Institute.*



*[Signature]*  
Registrar

*[Signature]*  
Director

*[Signature]*  
Chairman, Board of Governors



# हैदराबाद विश्वविद्यालय University of Hyderabad

प्रमाणित किया जाता है कि  
वेंकट रमेश गुब्बला

को

*रसायन विज्ञान*

संकाय में

शोध-प्रबंध प्रस्तुत करने एवं सभी अपेक्षाओं को  
सफलतापूर्वक पूर्ण करने पर सन् 2011 में

*डॉक्टर ऑफ़ फ़िलॉसफ़ी*

की उपाधि प्रदान की गयी है



*This is to certify that*

**VENKATA RAMESH GUBBALA**

*having submitted a thesis in the*

*School of Chemistry*

*and having successfully completed all the requirements*

*has been admitted to the degree of*

*Doctor of Philosophy*

*in the year 2011*

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

  
कुल सचिव  
Registrar

  
उपकुलपति  
Vice-Chancellor

OU 421824

# Osmania University



Faculty of Science

This is to certify that Rama Devi M  
son / daughter of Yella Reddy M  
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 :

Preparation, Characterization and Spectral Studies of Pyrochlores  
and Tungstates

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 16 Aug 2013

Given under the seal of the University



Hyderabad

Dated 13 SEP 2013

*[Signature]*  
Vice-Chancellor

# VIDYASAGAR UNIVERSITY



This is to certify that

*N. Mahender Reddy*

obtained the Degree of Doctor of Philosophy

in *Chemistry* under the Faculty of

*Science* of this University in the

year *2005*.



*Midnapore*  
*13th March, 2006.*

*S. Ramani*  
Vice-Chancellor



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

**T V SURENDRA**

the degree of

**DOCTOR OF PHILOSOPHY**

in recognition of the research work entitled

**MICROWAVE ASSISTED GREEN SYNTHESIS OF METAL AND METAL OXIDE  
NANOPARTICLES FROM MORINGA OLEIFERA PEEL AND ITS BIOLOGICAL  
APPLICATIONS**

for having fulfilled the prescribed requirements.

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



given this day the 11 January 2018



Given under the seal of this university

*[Signature]*  
Vice - Chancellor

*[Signature]*  
Chancellor



# हैदराबाद विश्वविद्यालय University of Hyderabad

प्रमाणित किया जाता है कि  
कुरपाटि सतीशकुमार  
को

*रसायन विज्ञान में रसायन विज्ञान*

संकाय में शोध प्रबंध प्रस्तुत करने एवं सभी अपेक्षाओं को सफलतापूर्वक पूर्ण करने पर  
सन् 2015 में

**डॉक्टर ऑफ़ फ़िलॉसफ़ी**  
की उपाधि प्रदान की गयी है



*This is to certify that*

**KURAPATI SATHISHKUMAR**

*having pursued research in Chemistry*

*at the*

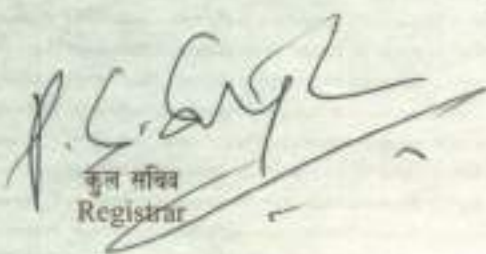
**School of Chemistry**

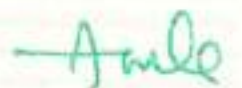
*and having submitted a thesis and successfully completed all the  
requirements has been admitted to the degree of*

**Doctor of Philosophy**

*in the year 2015*

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

  
कुल सचिव  
Registrar

  
कुलपति  
Vice-Chancellor



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
ANDHRA PRADESH



*Kodukula Jagannadha Rao*

*% K Y Somayajulu*

having fulfilled the academic requirements in March, 2000

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

*Doctor of Philosophy*

*( Civil Engineering )*

Given under the Seal of the University



Hyderabad

Date :

- 6 APR 2000

*Bsinaga*

Director of Evaluation

*[Signature]*

Registrar

# Osmania University



## Faculty of Engineering

This is to certify that M. Kishor Reddy

son / daughter of M. Venkatesh Reddy

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 Civil Engineering

The title of the Thesis is :

Structural Models for Dynamic Behaviors of Reinforced Concrete Hill-Type Framed Buildings and Correlation with Ambient Vibration Characteristics.

*[Handwritten Signature]*

The candidate has been declared qualified for the award of the Degree of Ph.D. on 25th February 2009

Principal  
Sri Jayashankar Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 076

Obtain under the seal of the University

Principal  
Sri Jayashankar Institute of Technology  
GANDIPET, R. R. ROAD  
HYDERABAD-500076

Hyderabad

Date: 17 AUG 2009



Vice-Chancellor

150

# Osmania University



Faculty of Engineering

This is to certify that V Krishna Rao Maffarisetty  
 son / daughter of M. Narasimha Rao  
 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 Civil Engineering

The title of the Thesis is :

Multicriteria Decision Making for Contractor Selection - A Fuzzy Set  
 Theoretic Approach

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 09 Nov 2019

Given under the seal of the University



B.No51980074

Jyaishta 27, 1941

Hyderabad  
 June 17, 2019

Dated



*P. Anil Kumar*  
 Principal

Jayaprakash Narayan Institute of Technology  
 [Autonomous]

Campus, Hyderabad-500 075.

Vice-Chancellor



PHD 6980

# Osmania University

Ref. No. PHD43867

Receipt no.:CN032300144

## Provisional Certificate

This is to certify that BALAJI RAO A  
son/daughter of A P C KONDALA RAO  
having pursued a course of study prescribed by this University and  
having passed the requisite examinations in MARCH 2023  
by dissertation/thesis, has been admitted to the Degree of  
Ph.D. in Civil Engg. ENGINEERING  
in the Faculty of \_\_\_\_\_



Hyderabad

Dated 27/03/2023

Section Incharge

*CP. Vardhani*

for Registrar

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

CC 131872

B129527



408093225



*Mr. N.R. Dakshina Murthy*

*S/o. Mr. Nemani Rama Joga Rao*

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

*Doctor of Philosophy*

*Civil Engineering*

Topic: 'A Study on Stress-Strain Behavior of Fly Ash Concrete  
of Different Grades and its Application in Reinforced Beams under  
Flexure.'

Given under the Seal of the University

H.T.No:0503PH0517

Date: 27-11-2009



DIRECTOR OF EVALUATION

REGISTRAR

VICE - CHANCELLOR

0031

MSH No. 180031

# National Institute of Technology Warangal

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

**Doctor of Philosophy**

*on*

**Thunuguntla Chaitanya Srikrishna**  
(Roll No: 714107 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in February, 2020 in the Department of*

**Civil Engineering**

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

*Title of the Thesis :* STUDIES ON MIX DESIGN PARAMETERS, STRENGTH AND DURABILITY OF ALKALI ACTIVATED SLAG CONCRETE.



*N. V. S.*  
CHAIRMAN  
SENATE & BOARD OF GOVERNORS



# National Institute of Technology Rourkela

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

**Doctor of Philosophy**

on

*Inana Ranjan Khuntia*

who has successfully defended the thesis entitled  
*"Experimental Investigations of Unsteady Flow Over Rough Bed  
Channels with and without Emergent Rigid Vegetation"*

and has fulfilled all other requirements  
for the degree in the Department of  
*Civil Engineering.*

Given this day, under the seal of the Institute  
at Rourkela in the Republic of India,  
the 21<sup>st</sup> Day of March 2021.



  
Registrar

  
Director

1510

MSH No. 171510

# National Institute of Technology Warangal

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

**Doctor of Philosophy**

*on*

**Srikanth Koniki**

(Roll No: 714106 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in August, 2019 in the Department of*

**Civil Engineering**

*Given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Seventeenth day of August Two Thousand Nineteen*

*Title of the Thesis : STUDY ON INFLUENCE OF FIBER HABIDIZATION ON STRENGTH AND CONSTITUTIVE STRESS STRAIN  
BEHAVIOUR OF CONCRETE*



*N.V.*

CHAIRMAN  
SENATE & BOARD OF GOVERNORS





CET3P1009

## भारतीय प्रौद्योगिकी संस्थान हैदराबाद

अभिषद की अनुशंसा पर

विद्या वाचस्पति

जिसके लिए सभी निर्धारित अपेक्षाओं को पूर्ण करने पर तथा शोध-प्रबंध के सफल पक्षपोषण के उपरान्त:

नॉनलोकल फेज़ फील्ड एप्रोच फॉर मॉडलिंग फ्रैक्चर

की उपाधि

प्रीति के

को अपने सभी अधिकारों, विशेषाधिकारों तथा उत्तरदायित्वों के साथ एतद्वारा प्रदान करता है।  
दिनांक इकतीस जुलाई दो हजार बीस को संस्थान की मुद्रा अंकित यह उपाधि दी गई।

## Indian Institute of Technology Hyderabad

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

**Doctor of Philosophy**

for fulfilling all prescribed requirements for the degree and  
successfully defending the thesis titled:

**Nonlocal Phase Field Approach for Modeling Fracture**

on

**Preethi K**

with all its rights, privileges, and responsibilities.

Granted under the seal of the Institute on

the Thirty First day of

July, Two Thousand and Twenty.

कुलसचिव  
Registrar

निदेशक  
Director

अध्यक्ष, अभिशासक परिषद  
Chairman, Board of Governors



Serial No. 191869

Enrolment No. 14910017



भारतीय प्रौद्योगिकी संस्थान रुड़की

अभिषद् की अनुसंधान पर

विद्या वाचस्पति

की उपाधि

मोहम्मद आमिर

को

शोध प्रबन्ध शीर्षक: लोकल स्कावर डाउनस्ट्रीम ऑफ ए रिजिड एप्रन अन्डर वॉल जेट्स  
भारतीय गणराज्य के अन्तर्गत रुड़की में आज, दिनांक अक्टूबर 4, 2019, 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

**MOHD. AAMIR**

Thesis Title: LOCAL SCOUR DOWNSTREAM OF A RIGID APRON UNDER WALL JETS

Given this day, October 4, 2019, under the seal of the Institute at Roorkee in the Republic of India.

  
कुलसचिव  
Registrar

  
अध्यक्ष, अभिषद् एवं निदेशक  
Chairman, Senate & Director



# राष्ट्रीय प्रौद्योगिकी संस्थान सिलचर

अभिषद की अनुशंसा पर

अरशद हुसैन चौधरी

पंजीकरण संख्या १७-३-०१-११४

को

हटाने और प्रतिस्थापन तकनीक को अपनाने वाले जियोपॉलिमर का उपयोग करके बीम-कॉलम

संयुक्त का पुनर्वास

में

अनुसंधान कार्य की मान्यता पर

विद्या-वाचस्पति

की उपाधि प्रदान करता है।

भारतीय गणराज्य के अंतर्गत सिलचर में आज ४ नवंबर २०२२ को संस्थान की

यह मुद्रा अंकित उपाधि दी गई।



**National Institute of Technology Silchar**

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

**Doctor of Philosophy**

on

**Arshad Hussain Choudhury**

Registration No. 17-3-01-114

in recognition of the research work on

***Rehabilitation of Beam-Column Joint Using Geopolymer Adopting Removal and Replacement Technique***

This certificate is issued this day, the 4th of November 2022, under the seal of the Institute at Silchar in the Republic of India



निदेशक एवं अध्यक्ष, विद्या परिषद  
Director and Chairman, Senate

कुलसचिव  
Registrar

अध्यक्ष, शासी मंडल  
Chairperson, Board of Governors



# National Institute of Technology Rourkela

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

**Doctor of Philosophy**

on

*Kamalini Devi*

who has successfully defended the thesis entitled  
*"Flow Modelling in Straight Compound Channels with Symmetrical,  
Asymmetrical and Unsymmetrical Floodplains"*

and has fulfilled all other requirements  
for the degree in the Department of  
*Civil Engineering.*

Given this day, under the seal of the Institute  
at Rourkela in the Republic of India,  
the 19<sup>th</sup> Day of January 2019.



  
Registrar

  
Director



# INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

on

**Dudam Bharath Kumar**

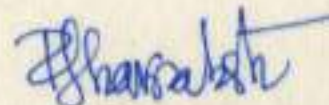
in recognition of the research work on

***Improved prediction of aerosol constituents and emissions over India through fusion of integrated modelling approaches and observations***

Given under the seal of the Institute at Kharagpur on the Sixth day of August, Two Thousand and Seventeen

  
Registrar



  
Director



अभिषद की अनुशंसा पर  
भारतीय प्रौद्योगिकी संस्थान पटना  
के अभिशासक परिषद द्वारा  
अंगशुमान दास

को  
डॉक्टर ऑफ फिलॉसफी की उपाधि  
एड्वीस अगस्त दो हजार इक्कीस को पटना में प्रदान की गयी।

The Board of Governors  
of the  
Indian Institute of Technology Patna  
upon the recommendation of the Senate hereby confers the degree of  
Doctor of Philosophy  
on  
Angshuman Das

given at Patna on this Twenty Sixth day of August, Two Thousand Twenty One.

*Thesis Title: Free Field Dynamic Response of Quaternary Alluvium Sand: Site and Motion Characteristics Effect*

  
कुलसचिव  
Registrar

  
निदेशक  
Director

  
अध्यक्ष, अभिशासक परिषद  
Chairman, Board of Governors

# University of Kentucky

Upon recommendation of the University Senate and  
approval of the Board of Trustees, the President of the University of Kentucky  
confers on

**Raghava A. Bhamidipati**

the degree of

**Doctor of Philosophy**

**Civil Engineering**

this sixteenth day of December, 2016

*Eli Zsigmondy*  
President of the University

*Elizabeth J. Zsigmondy*  
Chancellor



*Ben A. Johnson*  
Director of the Center for the Study of the History of the University

*Donald E. Witt*  
University Registrar

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

HYDERABAD - 500 085, ~~ANDHRA PRADESH~~, INDIA  
TELANGANA STATE

IIT No: 0803PH0643

11825803426



SI. No. PC 00515039



**PROVISIONAL CERTIFICATE**

This is to certify that Mr. MARRI SWAMYDAS

son of Mr. NARSAIAH

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

in the faculty of COMPUTER SCIENCE AND ENGINEERING

for the Thesis entitled "Optical Character Recognition System for Multi-Script Documents".

*N.S.*  
Verified by

T.S.

Hyderabad - XX.

Date: 29-12-2014

*[Signature]*  
Director of Evaluation

*[Signature]*  
REGISTRAR



OU / 70539

# Osmania University



Faculty of Engineering

This is to certify that H. Nagar  
son / daughter of H. Vallab  
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 Computer Science & Engineering

The title of the Thesis is :

Towards Automated Evolutionary Design of Combinational Circuits

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 16 Sep 2014

Given under the seal of the University



AN051980295



Hyderabad, India 27, 1941

Dated

June 17, 2014

Principal

Principal

Chaitanya Bharathi Institute of Technology

(Autonomous)

Gandipet, Hyderabad-500 075.

# Osmania University



## Faculty of Engineering

This is to certify that P China Ramu  
 son / daughter of Appala Swamy  
 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 Computer Science & Engineering

The title of the Thesis is :

Synchronization with Occasionally Connected Mobile Databases

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 11 Feb 2018

Given under the seal of the University

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00  
 CN061984399

Hyderabad  
 Jyaishta 27, 1941  
 June 17, 2019

Date



*[Signature]*  
 Principal  
 Jyoti Bhanu Institute of Technology  
 (Autonomous)  
 Gandipet, Hyderabad-500 075.

Vice-Chancellor

151

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 703415



H.T No. : 1003PH0628

*Mr. Dugyala Raman*  
*S/o. Vidya Shekar*

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

*Doctor Of Philosophy*  
*Computer Science And Engineering*

Topic : "Web Application Security : Information Flow Models and Program Design Models".

Given under the Seal of the University

Date: 21-04-2017



*CSE*

DIRECTOR OF EVALUATION

*H. D. S. P.*

REGISTRAR

*A. S. S.*

VICE CHANCELLOR



461061416948

PC No  
316000503



# गुरु गोबिन्द सिंह इन्द्रप्रस्थ विश्वविद्यालय GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY



## विद्या-वाचस्पति

प्रमाणित किया जाता है कि यूनिवर्सिटी स्कूल ऑफ इन्फोरमेशन एंड कम्यूनिकेशन टेक्नोलॉजी में पंजीकृत सुगंधा सिंह सुपुत्री ओम पाहवा को इन्फोरमेशन टेक्नोलॉजी विषय में इस विश्वविद्यालय की विद्या-वाचस्पति की उपाधि 31.12.2015 को प्रदान की गई।

इनके शोध प्रबंध का शीर्षक है - डिस्ट्रिब्यूटेड एड्रेस अलोकेशन और फाल्ट टोलरेंस फार सैक्योर एंड रिलायबल मोबाइल अडोक नेटवर्क



## Doctor of Philosophy

This is to certify that **Sugandha Singh** Daughter of **Om Pahwa** registered in **University School of Information and Communication Technology** has been awarded the degree of **Doctor of Philosophy** of this University in the subject of **Information Technology** on **31.12.2015**.

Title of the thesis is **Distributed Address Allocation and Fault Tolerance for Secure and Reliable Mobile Adhoc Network**



Date of Convocation : 18.03.2016  
दिल्ली (भारत) / Delhi (India)

*Pravin Chandra*

परीक्षा नियंत्रक  
Controller of Examinations

*Ashyagi*

कुलपति  
Vice Chancellor

OU 772172

# Osmania University



Faculty of Engineering

This is to certify that Tumula Pridevi  
son / daughter of J V Rama Narasaiah  
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 Computer Science & Engineering

The title of the Thesis is :

Intelligent Computational Methods for Digital Watermarking

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 16 May 2017

Given under the seal of the University

Savitribha Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 078.




EN061981667



Hyderabad, June 17, 2019

Dated

  
Vice-Chancellor

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



316000482

Sl. No, PC 00811260



PROVISIONAL CERTIFICATE



Hall Ticket No.: 1103PH0654

This is to certify that Mr. RAVINDER REDDY RAMASANI

son of Mr. KRISHNA REDDY

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

in the faculty of COMPUTER SCIENCE AND ENGINEERING

of this University, held in October, 2016 for the thesis entitled,

"Genetic and Class Balanced Classification Techniques for Intrusion Detection System".

*AKK*  
Verified by  
Hyderabad - T.S.

*[Signature]*  
Director of Evaluation

*[Signature]*  
REGISTRAR

Date: 15 November 2016

*[Signature]*  
Principal  
Chaitanya Bharathi Institute of Techn.  
(Autonomous)  
Gandipet, Hyderabad-500 076.

17

00344342

JAYANARAYANA MENON TECHNOLOGICAL UNIVERSITY KAKINADA  
KAKINADA - 531 003, ANDHRA PRADESH, INDIA



Aadhar No: 909566837381

*Ms. Sangeeta Gupta*

*D/o. Surendar Kumar Gupta*

*having fulfilled the academic requirements in December 2017  
has this day been admitted by the executive council to the degree of*

*Doctor of Philosophy*

( Computer Science & Engineering )

Topic: Secure and Scalable NOSQL for the Social Networks and  
Applications Deployed in the Cloud

For the purpose of Seal of the University



HTNo: 13022P0509

Date: 23-01-2018

Principal

Dr. Jitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

158

CC 067199



H.T.No:10PH0503

Aadhaar No:549900223202

*Kolla Morarjee*

*Dr. Veeraraghaviah*

*&*

*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 Viva Voce : 24.06.2019 Given under the Seal of the University*

*Saturday, 24 April, 2021.*



*[Signature]*

DIRECTOR OF EXAMINATIONS

*[Signature]*

Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)

Gandipet, Hyderabad-500 075

93





# हैदराबाद विश्वविद्यालय University of Hyderabad

प्रमाणित किया जाता है कि  
उय्याला रवि  
को

कंप्यूटर विज्ञान में कंप्यूटर और सूचना विज्ञान

संकाय में शोध प्रबंध प्रस्तुत करने एवं सभी आपेक्षों को सफलतापूर्वक पूर्ण करने पर  
सन् 2020 में

**डॉक्टर ऑफ़ फ़िलॉसफ़ी**

की उपाधि प्रदान की गयी है



*This is to certify that*

**UYYALA RAVI**

*having pursued research in Computer Science*

*at the*

*School of Computer and Information Sciences  
and having submitted a thesis and successfully completed all the  
requirements has been admitted to the degree of*

**Doctor of Philosophy**

*in the year 2020*

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

कुल सचिव  
Registrar

कुलपति  
Vice-Chancellor

हैदराबाद / Hyderabad, दिनांक / Dated 11 DEC 2020

Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)

Gandipet, Hyderabad-500 075.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1437910



H.T No. : 1103PH0682

*Ms. Varabindi Padmavathi*

*Dr. V. Subbu Reddy*

having fulfilled the academic requirements in *May - 2020*

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

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: 'New Quantum Cryptography Based Key Distribution and Encryption Algorithms'.

Given under the Seal of the University

Date: 16-10-2020

*Heprans*

DIRECTOR OF EVALUATION



*[Signature]*  
Principal

*[Signature]*

Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.



191 4 61720

188

PC No  
310001527

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 703399



H.T No.: 1103PH0622

*Mr. Kuncham Sreenivasa Rao*  
*S/o. Seetharamaiah*

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

*Doctor Of Philosophy*  
*Computer Science And Engineering*

Topic : "Correlation based Approach for Hiding Sensitive Items in Data Mining".

Given under the Seal of the University

Date: 21-04-2017



DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR



461061402972

PC No  
316000367

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

20188003506

RE 550295  
30188003316



450018310556



College Code: E0 ( N I E T, DESHMUKHI )

*Mr. Premkumar Chithaluru*

*S/o Mr. Mohan Rao*

having fulfilled the academic requirements and passed the examination held during *March - 2013* in *First Class With Distinction* has this day been admitted by the Executive Council to the Degree of

*Master of Technology*  
*Computer Science & Engineering*

Given under the Seal of the University

H. T. No: 10E01D5810

Date: 16-06-2014

DIRECTOR OF EVALUATION



0ABJNT0247927

REGISTRAR

VICE-CHANCELLOR



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

UMA MAHESWARI V

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF COMPUTER & INFORMATION SCIENCES

*for the thesis entitled*

DEVELOPMENT OF EFFICIENT ALGORITHMS FOR EXPRESSION  
INVARIANT FACE RECOGNITION

*in recognition of the fulfillment of requirements  
for the said degree*

PH  
19 001698

Given under the seal of the University

USN: 1BM17PES01



BELAGAVI

DATE : MARCH 10, 2022

VICE CHANCELLOR

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

TS 1361417



H. T. No. - 1103PH0626

*Ms. E Padma Latha*

*W/o. E L Biksha Pathy*

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

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: *"Mining Efficient Learning Approaches in Real Time Data Streams"*.

Given under the Seal of the University

Date: 26-04-2019



*Uppasana*

DIRECTOR OF EVALUATION

*Andaiah*

REGISTRAR

*Aleena*

VICE CHANCELLOR



43114100729

PC No  
3180R1017

*P. Anand*

61

Principal  
Chaitanya Bharathi Institute of Technology

62

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 075, TELANGANA STATE, INDIA

TS 1503187



H.T. No. : 1203PH0612

*Ms. Guda Vanitha*

*D/o. Kistaiah*

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

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: "A Novel Framework for Extraction and Representation of Event-Time Relation in Natural Language Text".

Given under the Seal of the University

Date: 26-02-2022



DIRECTOR OF EVALUATION

VICE-CHANCELLOR



410114103187

PC No  
321001529

Principal

Jaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075

Regd. No.

00092

ACHARYA NAGARJUNA UNIVERSITY  
 ఆచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF ENGINEERING

This is to certify that

Mr./Ms. *Kishan Kumar Ganipalle*

*S/o Y. Sivaram*  
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 2015  
in *Computer Science & Engineering*

Given and : the Seal of the University

*[Signature]*  
Principal



Acharya Bharathi Institute of Technology  
(Autonomous)  
Landipet, Hyderabad 500 075.

*[Signature]*  
Vice-Chancellor

185

Nagarjuna Nagar-522 510,  
A. P. India

Date : 12 AUG 2015





# हैदराबाद विश्वविद्यालय University of Hyderabad

(A Central University established by an Act of Parliament)

## Provisional Certificate (DOCTOR OF PHILOSOPHY)

Enrol. No.15MCPC02

This is to certify that **Ms. SHARGAVI B** daughter of **B Venkateswara Rao** B Yama (P) has been declared eligible to receive the degree of **DOCTOR OF PHILOSOPHY (Ph.D.)** in **Computer Science** from the **School of Computer & Information Sciences** on the basis of the thesis entitled **"A STUDY OF CONSTRAINED REACHABILITY QUERY PROCESSING IN DIRECTED GRAPHS"** submitted by her on **22<sup>nd</sup> December, 2020.**

Viva voce held on : **4<sup>th</sup> August, 2021**

Results Declared on : **17<sup>th</sup> August, 2021**



*[Signature]*  
**Principal**

**Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075**

3

Dated **30 AUG 2021**

Prepared by

*[Signature]*  
Checked by

*[Signature]*  
**Controller of Examinations**  
Controller of Examination, School of Computer & Information Sciences  
University of Hyderabad (Autonomous Institution)



**To Whom It May Concern:**

According to the decision of the CAPD of the Doctoral Programme in Computer Science and, once evaluated, the Thesis Report submitted and successfully defended Ph.D. viva by the doctoral student RUPESH KUMAR MISHRA, holder of identification document number M0501720 with Registration in RD 99/2011, with the reports issued by the academic tutor Dr. Rafael Berlanga Llavori, thesis supervisor Dr. Rafael Berlanga Llavori, thesis supervisor Dr. Kannan Srinathan, the director of the Doctoral School from Universitat Jaume I,

**CERTIFY**

The **Granted**, Doctorate of Philosophy (Ph.D.), Computer Science of the doctoral student RUPESH KUMAR MISHRA.

This resolution does not exhaust the right of appeal through administrative channels. Should you wish to do so, you may submit an application for further review by the rector within one month of the day after receiving notification of the decision, without prejudice to any other means you deem appropriate to lodge in accordance with articles 112.1 and 121 of Law 30/2015, of 1 October, on governing public authorities ordinary administrative procedure.

Mercè Corredó Sanz

Director of the Doctoral School

Castelló de la Plana, 10 december 2020

Doctoral School  
Universitat Jaume I  
Av. Vicent Sos Baynat s/n 12071  
Castelló de la Plana Tel.: 964 387 217

150

This document was signed by Mercè Corredó Sanz, as Director of the Doctoral School, and electronically stamped by the Universitat Jaume I on 10/12/2020 11:38 h. Its authenticity may be verified by accessing the address <http://www.uji.es/documentos> and entering the security verification code D7Q104AE419EB15F3C28.

Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)

Gandipet, Hyderabad-500 076.

# Osmania University

30



Faculty of *Engineering*

This is to certify that

*V. Venkatesh Kumar Rao*

son/daughter of

*Raghavayya*

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 Communication Engineering*

The title of the thesis is

*Studies on Inverse State and Multibeam Propagation - Patch Antennas.*

The candidate has been declared qualified for the award of the Degree of Ph. D. on *18<sup>th</sup> December 2006*.

Given under the seal of the University

*[Signature]*  
Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad - 500 075.

*[Signature]*  
H. M. M.

Hyderabad

Date MAGHA 26, P. 11  
FEBRUARY 01, 2007

*[Signature]* Vice-Chancellor  
**PRINCIPAL**

Chaitanya Bharathi Institute  
of Technology  
GANDIPET R. R. (Dist.)  
HYDERABAD - 500 075

116



Ref. No. 020879

Provisional Certificate

This is to certify that Dr. Jyoti Krishna Reddy

P. Venkata Reddy

son/daughter of

having pursued a course of study prescribed by this University and

having passed the requisite examinations in July, 2008

by dissertation/thesis. has been admitted to the Degree of

M. Sc (EEE) in the Faculty of Engineering

*[Signature]*  
Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

Hyderabad, A.P.

Dated 30/07/2008



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
JNTUHYDRABAD CAMPUS - 500075, ANDHRA PRADESH INDIA

BEA000107



4/20/2024

*Dr. Jayaram Venkatesh Reddy*

*Principal, Jawaharlal Nehru Technological University Hyderabad*

For the approval of the students' activities in the field of research and development in the field of Information Technology in the Department of Information Technology, JNTU Hyderabad.

*Dr. Jayaram Venkatesh Reddy*

*Principal, Jawaharlal Nehru Technological University Hyderabad*

For the approval of the students' activities in the field of research and development in the field of Information Technology in the Department of Information Technology, JNTU Hyderabad.

For the approval of the students' activities in the field of research and development in the field of Information Technology in the Department of Information Technology, JNTU Hyderabad.

For the approval of the students' activities in the field of research and development in the field of Information Technology in the Department of Information Technology, JNTU Hyderabad.

*Dr. Jayaram Venkatesh Reddy*

*Dr. Jayaram Venkatesh Reddy*



*Dr. Jayaram Venkatesh Reddy*

**Principal**  
**Chaitanya Bharathi Institute of Technology**  
**(Autonomous)**  
**Gandipet, Hyderabad-500 075.**

UNIVERSITY OF LONDON



DATTATREYA SARMA ACHANTA

of

UNIVERSITY COLLEGE LONDON

having completed the course of study approved by the University and

passed the prescribed examinations as an Internal Student has

this day been admitted by the Senate to the degree of

**DOCTOR OF PHILOSOPHY**

5 FEBRUARY 1986

A handwritten signature in green ink, likely of the Principal.

**Principal**  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

A handwritten signature in black ink, likely of the Vice-Chancellor.

*Vice-Chancellor*

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1437897



H.T No.: **1203PH08D5**

*Ms. Pamulapati Anuradha*

*D/o. Satyanarayana*

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

*Doctor of Philosophy*

*Electronics & Communication Engineering*

Topic: "Workload Characterization and Distribution Modelling in Multicore Systems".

Given under the Seal of the University

Date: 16-10-2020



*Heprans*

DIRECTOR OF EVALUATION

*[Signature]*

PROVOST

*[Signature]*

VICE CHANCELLOR



49114161707

PC No



# Karunya

INSTITUTE OF TECHNOLOGY AND SCIENCES

(Deemed-to-be-University)

Accredited by NAAC

KARUNYA NAGAR, COIMBATORE - 641 114, TAMIL NADU, INDIA.

Reg. No. : RP13EC004

Mode of Study : Part Time



*The Board of Management  
of  
Karunya Institute of Technology and Sciences,  
a Deemed-to-be-University  
hereby makes known that*

**RADHA S.**

*has been admitted to the Degree of*

Doctor of Philosophy

in

Electronics and Communication Engineering

**under the Faculty of Engineering**

*having been certified by duly appointed examiners to be  
qualified to receive the same in February 2021*

*Title of the Thesis :*

*Energy efficient routing, mac protocols with game theory optimization for wireless sensor  
networks*

*Given under the seal of the Deemed-to-be-University*

*Dated 7<sup>th</sup> August 2021*



Paul Shinalarand





# University Of Petroleum & Energy Studies



*The Board of Governors of the University*

*On the Recommendation of the Academic Council  
And by Virtue of the Authority Vested in Them  
Have Conferred upon*

**B KHALEELU REHMAN**

*The Degree of Doctor of Philosophy  
(Electronics Engineering)*

*The Subject on which he / she presented a thesis for the Degree was :-*

**High Performance ECG Heart Beat Monitoring**

*In Testimony whereof, the Seal of the University and  
the Signature of its Officers are hereunto Affixed*

*on this 30th Day of November, 2019*



*[Signature]*

VICE CHANCELLOR



PLACE : DEHRADUN

*[Signature]*

CHANCELLOR

CC344009

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



Aadhar No : 672680636250

*Ms. Supraja Reddy Ammana*

*D/o. A Narasimha Reddy*

*having fulfilled the academic requirements in April 2017*

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

*Doctor of Philosophy*

( Electronics & Communication Engineering)

**Topic: Investigation of the Effects of Ionospheric Time Delay Gradients on  
Indian GBAS for Precision Approach and Landing of Aircraft**

Given under the Seal of the University



HITNo : 10022P0432

Date: 23-01-2018



*[Signature]*  
VICE CHANCELLOR

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

TS 1437884



H.T No. : 1003PH0832

*Mr. Mudhala Lakshminarayulu*

*Dr. Venkateswarlu*

having fulfilled the academic requirements in *March - 2020*  
has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Electronics & Communication Engineering*

Topic: *'Improved Routing Method for Reduction of Path Length'*.

Given under the Seal of the University

Date: 16-10-2020



*101*

*Hemant*  
*P. Anand*

*[Signature]*

*[Signature]*  
VICE CHANCELLOR

Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.



40136101004

PCN  
22901004

Tel No: 0091 891 2344042  
Fax No: 0091 891 2525811 / 2755324  
deanacademic.au@gmail.com



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

NOTIFICATION

AWARD OF RESEARCH DEGREE

**ELECTRONICS & COMMUNICATION ENGINEERING**

It is hereby notified that the Vice-Chancellor on the recommendation of the Board of Examiners is pleased to order that **Sri MINCHULA VINODH KUMAR** be declared qualified for the **Degree of Doctor of Philosophy (Ph.D.)** in **ELECTRONICS & COMMUNICATION ENGINEERING** on the thesis entitled "**DEVELOPMENT OF ADAPTIVE AND OPTIMAL CAPACITY IMPROVEMENT ALGORITHMS FOR NEXT GENERATION (5G) NETWORKS UNDER SAC ENVIRONMENTS**"

(BY ORDER)

Central Administrative Office  
Visakhapatnam  
Dt: 27-04-2019

(T. V. SATYAWATHI DEVI)  
DEPUTY REGISTRAR (ACADEMIC)

Encl: No. T(2)/8634/2018/F.Y.

Dt: 27-04-2019

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

(T. V. SATYAWATHI DEVI)  
DEPUTY REGISTRAR (ACADEMIC)

25 copies to the Coordinator, Media Cell, Andhra University, Visakhapatnam for arranging Publication in all News papers as news item in their dailies at free of charge.

Copies to the Manager of (1) U.N.I., and (2) P.T.I.

Copy to the Warden, Research Scholars Hostel, A.U., Visakhapatnam

Copy to S.O., A.M., A.M., J.G.C. and SC & ST Cell, Success

Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

172

CC031127

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTAPUR - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 05PHD0406

*A Vari*

*D/o A Subbareddy*

having fulfilled the academic requirements in *July, 2012* has this day been admitted by the Monitoring & Development Committee to the Degree of

*Doctor of Philosophy*  
(Electronics & Communication Engineering)

for the Thesis entitled,  
"SECURED ROUTING PROTOCOL TO DEFEND AGAINST MULTIPLE ATTACKS IN MANETS"

*Thursday, 27 December, 2012*

Given under the Seal of the University

*[Signature]*  
Director of Evaluation

*[Signature]*  
Registrar

*[Signature]*  
Vice Chancellor

*P.A-08*

TS 1291088

# VII Convocation

9th May, 2018

H. No. : 0B03PH08A32

*Ms. Alivela Manga N. Lakshman*

*Dr. N. Ramulu*

*May 2017*

... fulfilled the academic requirements in

... day by ... the Council to the Degree of

## Ph.D. Certificate

*Doctor of Philosophy*

*Electronics & Communication Engineering*

Topic: 'Optimal Word Length Algorithm Using Multiple Word Length Approach Based on SNR Constraints for Low Power'

Given under the Seal of the University

Date: 09-05-2018



*P. N. ...*  
**PRINCIPAL**  
Chaitanya Bharathi Institute  
of Technology  
GANDIPI LAKHAR (Dist.)  
HYDERABAD - 500 078

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad-500085, Telangana State, India



471181 0102

CE No  
117500878



PHD 6309

# Osmania University

Ref. No. PHD42890

Receipt no. UON/22/00136

## Provisional Certificate

This is to certify that SUDERSHAN REDDY K  
son/daughter of K GANGA REDDY  
having pursued a course of study prescribed by this University and  
having passed the requisite examinations on DECEMBER 2021  
by dissertation/thesis, has been admitted to the Degree of  
Ph. D. in ECE in the faculty of ENGINEERING

Hyderabad

Dated 29/12/2021



Section-in-charge

29/12/2021  
for Registrar

Principal

Jaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

CC345042

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



*Mr. Male Ramanareddy*

*S/o. Krishnareddy*

*having fulfilled the academic requirements in October 2019*

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

*Doctor of Philosophy*

( ELECTRONICS & COMMUNICATION ENGINEERING)

Topic: Design and Analysis of CMOS LNA Topologies in Receiver front-end for 4G WiMAX Systems

Given under the Seal of the University



HTNo : 10022P0481

Date: 09-03-2022



WM



# Osmania University



Faculty of Engineering

This is to certify that Posha Pathish  
 son / daughter of Odeta  
 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 Evaluation of NAVIC and Characterization of Doppler  
 Collision

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 18 Aug 2020

Given under the seal of the University

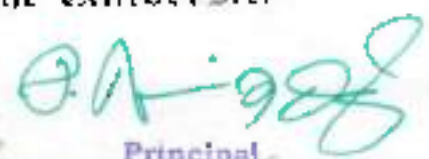
  
 CN092180375

Hyderabad, T.S.

Dated

Kartika 05, 1943  
 October 27, 2021



  
 Principal  
 Chaitanya Bharathi Institute of Technology  
 (Autonomous)  
 Gandipet, Hyderabad-500 075.

Vice-Chancellor

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
HYDERABAD - 500085, TELANGANA STATE, INDIA

TS 703418



H. T. No. - 0803PH08A7

*Ms. N. Suman*

*Dr. N. Suryaprakash Reddy*

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

*Doctor of Philosophy*

*Electronics & Communication Engineering*

Topic : *Design of Encoder for Three Dimensional Tanks Codes Using  
Noise - Adaptive Clustering for Improved BER Performance\**

Given under the Seal of the University

Date: 21-04-2017



*SS*  
DIRECTOR OF EXAMINATIONS

*Madhavi P*  
REGISTRAR

*Meena*  
VICE CHANCELLOR



TS No.  
31809479

*P. Anand*  
Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

*SS*

0001

MSH No. 160001

# National Institute of Technology Warangal

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



## Doctor of Philosophy

on

Mr. Sai Krishna Kondoju  
(Roll No: 701067 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in December, 2017 in the Department of*

## Electronics and Communication Engineering

*Given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Fiftieth day of August Two Thousand Eighteen*

*Title of the Thesis : Performance Analysis of Multiband OFDM UWB System Over Multipath Fading Channels*



*[Signature]*  
Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad 500 075



*[Signature]*

CHAIRMAN  
SENATE & BOARD OF GOVERNORS

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

TS 1503139



H.T No. : 1203PH0862

*Ms. Anitha Challa*

*Dr. Madhusulhanreddy*

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

*Doctor of Philosophy*

*Electronics & Communication Engineering*

Topic: *"Methods for Performance Enhancement of dWB Wake Receiver"*

Given under the Seal of the University

Date: 26-02-2022



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

*[Signature]*  
Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad 500075, Tel.  
VICE CHANCELLOR



410114700133

PG No  
322001881



सीनेट की अनुमति पर

भारतीय अभियांत्रिकी विज्ञान एवं प्रौद्योगिकी संस्थान, शिबपुर

एक शासी मंडल

जीत घोष

को

इंजीनियरिंग

में

डॉक्टर ऑफ फिलॉसफी

की उपाधि प्रदान करता है।

इनहोने नियमों के तहत 24 जनवरी, 2020 में निर्धारित पाठ्यक्रम सफलतापूर्वक पूरा कर लिया है।  
भारतीय गणराज्य के अंतर्गत शिबपुर में यह संस्थान-मुद्रांकित उपाधि आज दिनांक 30 जून 2021 को प्रदान की गई।

The Board of Governors

of the

Indian Institute of Engineering Science and Technology, Shibpur

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

*Doctor of Philosophy*

*in*

*Engineering*

*on*

*Jeet Ghosh*

*on his having successfully completed the prescribed requirements of the degree on*

*January 24, 2020*

*Given this day, under the seal of the Institute, at Shibpur in the Republic of  
India, the 30th day of June 2021.*

*Rana Roy*  
कुलसचिव  
Registrar

*Chaitanya Bharathi Institute of Technology*  
(Autonomous)  
Gandipet, Hyderabad 500 075

*Sharanbati* 189  
निदेशक एवं अध्यक्ष, सीनेट  
Director and Chairman, Senate



REP. N. 16. A. P. 11/11/11

*Università degli Studi di Messina*

IL Rettore

Visto il risultato dell'esame finale superato in data 3 aprile 2017

CONFERISCE

Al Dott. *Bhanu Chandra Marepally*

Nato a (Delela Village (India) il 12 maggio 1987

Il titolo di **DOTTORE DI RICERCA**

*in Ingegneria e chimica dei Materiali e delle Costruzioni  
in cotutela con l'Université Claude Bernard Lyon 1 (Francia)*

Messina, 14 giugno 2017

IL DIRETTORE GENERALE

*Prof. Dr. G. Di Domenico*

Reg. n. 711

*G. A. Rao*

Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)

Gandipet, Hyderabad-500 075

Imposta di Fisco applicata in modo virtuale ai sensi dell'art. 17, n. 412/1972

90



# KONERU LAKSHMAIAH EDUCATION FOUNDATION

(Deemed to be University)

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



Aadhaar/Passport/Citizenship : 3259 5599 7196

Faculty of Electronics and Communication Engineering

By the authority of Board of Management

Sl.No : 124500

Regd No. : 173040066

This is to certify that

*Puli Ashok Kumar*

has been duly conferred the degree of

*Doctor of Philosophy*

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

Given under the seal of the University this day of Eighteenth September Two Thousand and Twenty One

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



*G.R.V.*

Vice - Chancellor

0058

MSH No. 200058

# National Institute of Technology Warangal

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

## Doctor of Philosophy

*on*

**S Siva Priyanka**

(Roll No: 717030 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in April, 2022 in the Department of*

## Electronics & Communication Engineering

*Given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Fourth day of September Two Thousand Twenty Two.*

*Title of the Thesis :* Development of Novel Adaptive Beamforming Approaches for Multi-Channel Speech Enhancement

*N. V. [Signature]*

CHAIRMAN  
SENATE & BOARD OF GOVERNORS



0092

MSH No. 190092

# National Institute of Technology Warangal

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

**Doctor of Philosophy**

*on*

**D. Srikar**

(Roll No: 717025 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in October, 2021 in the Department of*

**Electronics & Communication Engineering**

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

*Title of the Thesis :* INVESTIGATIONS ON MULTI-PORT ANTENNA SYSTEMS FOR BETTER SPECTRUM UTILIZATION  
EFFICIENCY IN COGNITIVE RADIO APPLICATIONS



*N. V. [Signature]*

CHAIRMAN  
SENATE & BOARD OF GOVERNORS







**PONDICHERRY UNIVERSITY**  
*(A Central University)*  
 Pondicherry



**Provisional Certificate**

46896

Register No: 1500138003

This is to certify that RAJ KUMAR NAIK, M. 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 **ELECTRONICS & COMMUNICATION ENGINEERING** with effect from 03.06.2020.

The title of the Ph.D. Thesis entitled

**"Investigations on Game Theory Based Adaptive Hybrid Transmit Power Control Technique for Wireless Body Area Network"**

*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 IN 1985

Office Seal

REDMI NOTE 6 PRO  
MI DUAL CAMERA



Date 15/11/2020

*[Signature]*  
 Principal  
 Chaitanya Banerjee  
 (Assistant Controller)  
**CONTROLLER OF EXAMINATIONS**  
 Gandhipet, Hyderabad-500 075.

CC000053



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

KAKINADA - 533 003, ANDHRA PRADESH, INDIA

*Mr. C Venkatanarasimhulu*

*S/o Venkatasubbaiah*

*having fulfilled the academic requirements in May 2013*

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

*Doctor of Philosophy*

*( Electronics & Communication Engineering )*

**Topic : Study Of Non-Blind Image And Video Watermarking Algorithms Using Singular Value Decomposition & Contourlet transform**

Given under the Seal of the University



HTNo : 0502PH0806

Date : 15 June, 2013

*S. Subrahmanya*

VICE-CHANCELLOR



# Indian Institute of Technology Madras

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

**BHASKER DAPPURI**

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

DESIGN AND PERFORMANCE ANALYSIS OF COGNITIVE RADIO  
WIRELESS LAN MEDIUM ACCESS CONTROL (MAC) PROTOCOLS



EE110015



Given this day the Twentieth of July, 2015  
under the seal of the Institute.

*Jh-wad*  
Registrar

*B. J.*  
Director

*R. S.*  
Chairman, Board of Governors

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

CC 131853

B129623



409092242

*Ms. Kandreddi Krishna Veni*

*D/o. Mr. H. Rama Murthy*

having fulfilled the academic requirements in *April 2009*  
has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Electrical & Electronics Engineering*

Topic: 'Analysis of Unified Power Flow Controller for AC  
Transmission Systems'

Given under the Seal of the University

H. T. No: 30721EE/PH

Date: 27-11-2009

*[Signature]*

*[Signature]*  
*[Signature]*

*[Signature]*

Principal  
Sree Sai Baba Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

73

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, ANDHRA PRADESH, INDIA

CC 131855

B129543.



408093241



*Mr. P. Venkata Prasad*

*S/o. Mr. P. Venkata Subbaiah*

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

*Doctor of Philosophy*

*Electrical & Electronics Engineering*

Topic: 'Optimization aspects of Radial Distribution System Using Genetic Algorithm'

Given under the Seal of the University

H. T. No: 30709EE/PH

Date: 27-11-2009



*[Signature]*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR

*[Signature]*  
Principal

Chaitanya Bharathi Institute of Technol-  
(Autonomous)  
Gandipet, Hyderabad-500 075.

*[Signature]*

VICE-CHANCELLOR

139

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

RF 454140  
18927947324



4400000112665



*Mr. Golluru Suresh Babu*

*S/o Mr. Golluru Ramachandra Rao*

having fulfilled the academic requirements in *March - 2013*  
has this day been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Electrical And Electronics Engineering*

Topic: 'Studies Related to the Operation of Solid Rotor Alternator.'

Given under the Seal of the University

H.T.No:30718EE/PH

Date: 09-11-2013

DIRECTOR OF EVALUATION

REGISTRAR

VICE-CHANCELLOR





No.02

INDIAN INSTITUTE OF TECHNOLOGY  
KHARAGPUR-721 302



PROVISIONAL CERTIFICATE

for the degree of  
DOCTOR OF PHILOSOPHY (Ph.D.)

Certified that on the basis of the recommendations of the examiners of the thesis submitted and on satisfactory performance at viva voce examination held on August 26, 2002, Umakanta Choudhury an ex-Research Scholar in the Department of Electrical Engineering is hereby declared to be eligible for the degree of Doctor of Philosophy (Ph.D.) of the Institute.

The title of the thesis submitted is:

*Design of Magnetic Shield and Analysis of A Superconducting Generator Using Field Approach.*

This certificate is issued this day, the 30<sup>th</sup> August, 2002 with approval of the authorities.

Superintendent(PG&R)

30/8/02  
Assistant Registrar(PG&R)

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

Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Bhubaneswar, Odisha - 751 025

163

CC000135



JAMNABALLA NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

KAKINADA - 533003, ANDHRA PRADESH, INDIA

*Mr. Balasubhareddy Mallala*

*S/o Chinavenkata Subbareddy*

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

*Doctor of Philosophy*

*( Electrical & Electronics Engineering )*

**Topic : Multi-Objective Optimization in the Presence of Series FACTS Devices with Ramp-rate limits and Prohibited Operating Zones using NSHCSA**

Given under the Seal of the University

HCNo. 0703PH0746

Date : 28 August, 2015

**Principal**  
Jaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

97  
  
VICE-CHANCELLOR

H.T No. : 0803PH0744

*Mr. Bhaskaran Suresh Kumar*  
*S/o. Upendra Rao*

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

*Doctor of Philosophy*  
*Electrical And Electronics Engineering*

Topic : Control Strategies of a Three-phase, Four Wire System for  
Different Loads to Enhance Power Quality.

Given under the Seal of the University

Date: 04-09-2014



*[Signature]*  
Principal  
Jhaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.  
REGISTRAR

*[Signature]*  
VICE-CHANCELLOR



DC No.

CC 126038

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR



ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 0503PH0728

*T Muralikrishna*

*No Subrahmanyam*

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

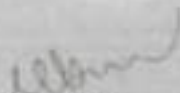
*Doctor of Philosophy*  
(Electrical Engineering)

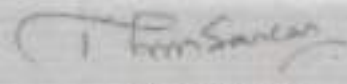
for the Thesis entitled,  
"COORDINATION OF INTELLIGENT CONTROLLERS FOR SERIES AND SHUNT CONVERTERS  
OF UPFC"

Wednesday, 28 December 2016

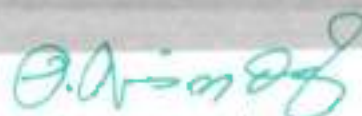
Given under the Seal of the University

  
Director of Evaluation

  
Registrar

  
Vice-Chancellor

165



Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
HYDERABAD - 500085, TELANGANA STATE, INDIA

TS 1290965



H.T. No.: 1103PH0728

*Mrs. P. Koushika*

*Dr. P. Jayaram*

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

*Diploma in*

*Electrical And Electronics*

Topic: "Advanced Control Strategy on Resonant Converter"

Given under the Seal of the University

Date: 09-05-2018



*Heprans*

DIRECTOR OF EXAMINATIONS

*Andarip*

REGISTRAR

*P. Koushika*

Principal

Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad - 500075

126



47114128055

PC No  
317000754



The Board of Management of the VIT University  
hereby confers on



**THANIKANTI SUDHAKAR BABU**

*the degree of*

**DOCTOR OF PHILOSOPHY**

*in recognition of the research work entitled*

**MODELLING, ANALYSIS AND DEVELOPMENT OF MAXIMUM POWER EXTRACTION  
TECHNIQUES FOR SOLAR PV SYSTEM**

*and for having fulfilled the prescribed requirements in the*

**School of Electrical Engineering**

*given this day the 11 January 2017*



Given under the seal of this university



*[Signature]*  
Vice - Chancellor

*[Signature]*  
Principal

*[Signature]*  
Chancellor

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

*211*

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



321001866  
Sl. No. PC 01146218



**PROVISIONAL CERTIFICATE**



Hall Ticket No.: 1003PH0714

This is to certify that Mr. VENKATAKRISHNAREDDY CH

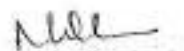
son of Mr. LAKSHMINARAYANA CH

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

in the faculty of ELECTRICAL AND ELECTRONICS ENGINEERING

of this University, held in November, 2021 for the thesis entitled,

"Analysis of IPFC AC Transmission Systems".

  
Verified by

Hyderabad - T.S.



Director of Evaluation

  
REGISTRAR

Date: 06 December 2021

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

TS 1361491



H.T No. : 1203PH0743

*Ms. Vasantha Gowri N*

*Dr. V.K. Venkatesan*

having fulfilled the academic requirements in *February - 2019*

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

*Doctor of Philosophy*

*Classical And Modern Engineering*

Topic: *"Modeling and Analysis of Partial Discharge Due to Particle Movement in Oil Filled Power Transformer Using Computational Fluid Dynamic"*

Given under the Seal of the University

Date: 26-04-2019



*Uppama*

DIRECTOR OF EVALUATION

*M. Saijath P. Akkela*

SEAL

*A. Srinivas*

Principal



2019-04-26

*A. Srinivas*

Principal

Ph No  
3190012115

Atsanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075



0057

170057

# National Institute of Technology Warangal



upon the recommendations of the Senate,  
I hereby confer the degree of,

## Doctor of Philosophy

on

**N. Venkataphanendrababu**

(Roll No: 701407)

who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in May, 2019 in the Department of

## Electrical Engineering

Given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Seventeenth day of August Two Thousand Nineteen

Title of the Thesis: OPTIMAL SELECTION AND PLACEMENT OF PHASOR MEASUREMENT UNITS AND THEIR APPLICATION  
FOR POWER SYSTEM PROTECTION.



CHAIRMAN  
SENATE & BOARD OF GOVERNORS



Scanned with  
CamScanner

Principal

Gitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

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राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर  
NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR  
(An Institute of National Importance)  
G.E. Road, Raipur - 492010 (C.G.) India 3002

Exam Cell/PhD/PDC/...708

Date : 29/04/21

Provisional Degree Certificate



This is to certify that Mr. *Bokka Krishna Chaitanya* (ROLL NO. *16317004*, ENROLL. NO. *161076*) S/o Mr. *Nalini Kumar* has successfully completed all the requirements as per the Ordinances of this Institute for the award of the degree of *Doctor of Philosophy* in the Discipline of *Electrical Engineering*.

The thesis entitled "*Improved and intelligent protection of distribution system integrated with distributed generators*" submitted to the National Institute of Technology Raipur has been accepted by the Institute on the recommendations of the Oral Defense Committee (viva-voce board) on *20/04/2021*.

The degree will be awarded in the next convocation.



*Shri*

Dean Academics  
N.I.T., Raipur  
Chhattisgarh, India

भारतीय प्रौद्योगिकी संस्थानम् (काशी हिन्दू विश्वविद्यालयः) वाराणसी द्वारा

२०१९ विक्रमसंवत्सरे

श्री विजय बाबु पी

विद्यावारिधि

इत्युपाधिना अलङ्कृतम् ।

\*\*\*

भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी द्वारा

२०१९ ईसवी (विक्रम संवत्सर २०७६) में

श्री विजय बाबु पी को

विद्यावारिधि

को उपाधि से अलङ्कृत किया जात है।

\*\*\*

**The Indian Institute of Technology (Banaras Hindu University) Varanasi  
hereby confers the Degree of  
Doctor of Philosophy  
in 2019  
on Shri Vijay Babu P.**

\*\*\*

*Title of the Thesis -*

**Integrated Approach for Performance Enhancement of Distribution System in Presence of Distributed Energy Resources.**



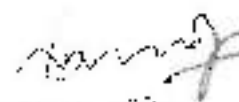
भारतीय प्रौद्योगिकी संस्थानम् (काशी हिन्दू विश्वविद्यालयः) वाराणसी द्वारा २०१९ विक्रमसंवत्सरे माघमासस्य कृष्णपक्षस्य द्वादशी तिथौ संस्थानस्य मुद्राङ्कितः उपाधिः प्रदत्तः ।

भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी में आठ फरवरी को हजार इस्क्रीस को संस्थान की मुद्राङ्कित उपाधि प्रदान की गई

Given under the seal of the Institute at Varanasi, in the Republic of India on the Eighth day of February, Two Thousand Twenty One.



कुलसचिव  
Registrar



अध्यक्ष, सीनेट  
Chairman, Senate



Principal  
Indian Institute of Technology  
(Autonomous)  
Gandhinagar, Hyderabad-500 076.  
अध्यक्ष, संचालक मण्डल  
Chairman, Board of Governors



# National Institute of Technology Rourkela

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

**Doctor of Philosophy**

on

*Nishant Patnaik*

who has successfully defended the thesis entitled

*"Investigation on Performance Improvement & Efficient Utilization of  
Unified Power Quality Conditioner"*

and has fulfilled all other requirements  
for the degree in the Department of  
*Electrical Engineering.*

Given this day, under the seal of the Institute  
at Rourkela in the Republic of India,  
the 20<sup>th</sup> Day of January 2018.



  
Registrar

  
Director



10610208

## भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

विद्या परिषद की अनुशंसा पर

इलेक्ट्रॉनिक्स एवं विद्युत् अभियांत्रिकी में

विद्या वाचस्पति की उपाधि

**मधुलिका दास**

को इस उपाधि के प्रदान हेतु विनियम विहित अपेक्षाएँ जनवरी 2017 में सफलतापूर्वक पूर्ण करने पर प्रदान करता है।

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 23 जून 2017 को संस्थान की यह मुद्रा अंकित उपाधि दी गई।

**INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI**

upon the recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

in

**Electronics and Electrical Engineering**

on

**Madhulika Das**

who has successfully completed in January 2017, the requirements prescribed under the regulations for the award of this degree.

Given this day, under the seal of the Institute at Guwahati in the Republic of India, the 23<sup>rd</sup> day of June, 2017.

**Thesis Title :** Design of Optimal Sliding Mode Controller for Uncertain Systems

निदेशक एवं  
अध्यक्ष, विद्या परिषद  
Director and  
Chairman, Senate

कुलसचिव  
Registrar

अध्यक्ष,  
शासी मंडल  
Chairman,  
Board of Governors

Signature valid

Digitally signed by MADHULIKA DAS  
Date: 2017.06.23 21:57:13 +05'30  
Reason: I left RAO for signature/download, using  
RAO ID.  
Location: IIT Guwahati



**विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान  
नागपुर (भारत)**

**राम बाबू थोगरु**

को एतद् द्वारा अभिषद की अनुशंसा पर आज गुरुवार दि. 15 सितंबर 2022 को  
संस्थान की मुद्रांकित

**आचार्य**

उपाधि प्रदान करता है ।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को अगस्त 2022 में पूर्ण किया एवं  
अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

**VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY  
NAGPUR (INDIA)**

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

on

**Ram Babu Thogaru**

who has fulfilled the requirements as prescribed  
under the regulations and has successfully defended  
the thesis in August 2022 titled

***"Design and Analysis of Solar PV-BESS fed DC Microgrid  
Interfaced with High Gain DC-DC Converters"***

Given this day, Thursday 15th September 2022

Given under the seal of the Institute.

राष्ट्रीय प्रौद्योगिकी संस्थान पटना  
National Institute of Technology Patna



Sl. No.

003215

अभिषद की अनुशंसा पर  
यावर अब्बास खान  
को निर्धारित अर्हताएँ सफलतापूर्वक पूर्ण करने पर  
विद्या वाचस्पति  
विद्युत अभियांत्रिकी  
की उपाधि एम०टेक०-पीएच०डी० डुअल डिग्री प्रोग्राम के अन्तर्गत  
आज दिनांक २४ दिसम्बर २०२२ को प्रदान की गई।  
शोध प्रबन्ध शीर्षक: स्पीड एण्ड स्टैटर रजिस्टेन्स एस्टिमेशन फॉर वेक्टर कंट्रोल्ड  
स्विच्ड रिलक्टेन्स मोटर ड्राइव

On the recommendation of the senate  
YAWER ABBAS KHAN

having successfully completed the prescribed requirements of

**Doctor of Philosophy**  
Electrical Engineering

under M.Tech-Ph.D. Dual Degree Programme

is being awarded the Degree on this day of 24<sup>th</sup> of December 2022.

Thesis Title: Speed and Stator Resistance Estimation for Vector  
Controlled Switched Reluctance Motor Drive



निदेशक एवं अध्यक्ष, अभिषद  
Director & Chairman, Senate

अध्यक्ष, संचालक मंडल  
Chairman Board of Governors

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 084, TELANGANA STATE, INDIA

TS 1361416



H.T No.: 203PH070

*Mr. Thomas S. S.*

*S. S. Tamil Selvi*

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

*Doctor of Philosophy*

*Electrical And Electronics Engineering*

Topic: "Implementation of Transformerless PV Inverters for Leakage Current  
Reduction".

(Given under the Seat of the University)

Date: 26-04-2019



*Uppala*

DIRECTOR OF EVALUATION

*Ashwini*

REGISTRAR

*Allex*

VICEDANCELLOR



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CamScanner



48734128651

PC No  
218001132

*P. A. S. S.*

Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.



0057

MSH No. 190057

# National Institute of Technology Warangal



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

**Doctor of Philosophy**

*on*

**Annamraju Anil Kumar**

(Roll No: 716010 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in February, 2021 in the Department of*

**Electrical Engineering**

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

*Title of the Thesis :* INVESTIGATIONS ON LOAD FREQUENCY CONTROL OF MICROGRID AND INTERCONNECTED POWER SYSTEMS USING ARTIFICIAL INTELLIGENT TECHNIQUES.



*N. V. [Signature]*

CHAIRMAN  
SENATE & BOARD OF GOVERNORS

# THE UNIVERSITY OF BURDWAN



*Shagufta Parveen*

*having submitted a thesis entitled "Representation of Fundamentalism in Select Indian English Novels of the Twenty-First Century"*

*and having satisfied all the conditions prescribed in this respect by the University, as per UGC regulation-2009, was duly admitted to the degree of Doctor of Philosophy in English*

*in the year 2018*

Principal

Jalpana Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500082

Vice-Chancellor

Rajbati, Burdwan

The 07th February, 2018

161

# JAIPUR NATIONAL UNIVERSITY



*We, the Chairperson, the President  
and  
the Members of the Academic Council  
do hereby certify that  
Ms. Shirisha Deshpande  
has been conferred the Degree of*



## DOCTOR OF PHILOSOPHY

*in  
English*

*at the Convocation held on February 23, 2019*

*The Title of her thesis is:*

*"Tradition and Modernity in Select Novels of Bharati Mukherjee and Buchi  
Emecheta"*

Chairperson

Principal  
Mansya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

President

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# ACHARYA NAGARJUNA UNIVERSITY



ANU/RC/Ph.D./English/  
NR/1910/Dec. 2016

## PROVISIONAL CERTIFICATE

**Madhu Nandigama**

**Kiran Kumar**

**A STYLISTIC ANALYSIS OF  
KHUSHWANT SINGH'S SELECT SHORT STORIES**

**ENGLISH**

**HUMANITIES**

**16-05-2017**

**27-02-2019**

**Principal**  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

**CO-ORDINATOR**

**178**

Re-accredited 'A' Grade by NAAC



**Doctor of Philosophy**  
(मानवविज्ञान आचार्य)  
(Faculty of Humanities)

*This is to certify that*  
*Ku. Manisha Ashok Chawla having been found to*  
*be duly qualified on examination of the thesis*  
*entitled "Thematic Concerns in the Fictional Works of*  
*Ruskin Bond" was admitted to the degree of **Doctor of***  
***Philosophy** (मानवविज्ञान आचार्य) in the Faculty of*  
*Humanities in the Subject of English in this*  
*University in the year 2019.*

Nagpur

Dated : 18-1-2020

  
Vice-Chancellor

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

مَالِمْ عَلِيمِ



عِلْمِ الْأَنْبِيَاءِ

# Aligarh Muslim University

has conferred on

*Md Sarfaraj*

(Enrolment No. GG3352, Faculty No. 16-PH.D-LN-04)

the degree of

**Doctor of Philosophy**  
in  
**Linguistics**

of this University for the year 2022.



LNRAA/2022/13553  
Date of Issue 15/02/2023  
Aligarh - 202002 (INDIA)

*Tauq Mausood*  
Vice Chancellor

OU 241988

# Osmania University



## Faculty of Engineering

This is to certify that Jayesh Dabbeja  
son / daughter of P. Nityanarayana  
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 Computer Science & Engineering

The title of the Thesis is :

an Integrated Approach for Efficient Content Based Image  
Retrieval

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 23 Oct. 2010

Given under the seal of the University



9614611096007

Hyderabad

Date: 23 NOV 2010



*[Signature]*  
Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

*[Signature]*  
Vice-Chancellor

A51529

Regd. No. 2260312412



GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



**GITAM**  
**(DEEMED TO BE UNIVERSITY)**  
(FNU) (Sec. 3 of the UGU Act, 1956)

## FACULTY OF ENGINEERING

This is to certify that

**Rajanikanth Aluvalu**

has been duly admitted to the degree

of

**Doctor of Philosophy**

in

**Computer Science and Engineering**


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

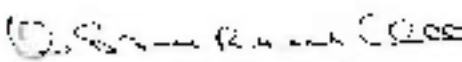
to receive the degree in **November, 2018**

Given under the seal of GITAM

Visakhapatnam

15<sup>th</sup> November, 2019

  
Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

  
Vice Chancellor

195



# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 703229



H.T No.: 1003PH0646

*Mr. Kolikipogu Ramakrishna*

*S/o. Lakshmanarao*

having fulfilled the academic requirements in *June, 2015*

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

*Doctor Of Philosophy*

*Computer Science And Engineering*

Topic : "Extended Query Expansion Technique for Telugu Information Retrieval System".

Given under the Seal of the University

Date: 21-04-2017



*[Signature]*

*[Signature]*

*[Signature]*



461061420501

PC No  
18136517864

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1291143



H.T No. : 1103PH0643

*Mr. Venugopal Reddy M.*

*P. Venugopal Reddy*

having fulfilled the academic requirements in *Jan - 2017*

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

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: 'Quality Enhancement Using Meta-Data Based Hybrid Recommender System for Web Usage Mining'.

Given under the Seal of the University

Date: 09-05-2018



*Uppala*

DIRECTOR OF EVALUATION

*Arundhan*

REGISTRAR

*Allex*

VICE CHANCELLOR

*[Signature]*

Principal



PC No  
317000566

Chaitanya Bharathi Institute of Technology  
(Autonomous)

Gandipet, Hyderabad-500 075. 12

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1291152



H.T No.: 1203PH0620

*Mr. R. M. Krishna Sureddi*

*S/o. Krishnam Naidu*

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

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: "Optimized and Secured Routing Communication for Mobile Adhoc Networks  
Using Novel Models".

Given under the Seal of the University

Date: 09-05-2018



*Uppama*

DIRECTOR OF EVALUATION

*A. Saijap*

REGISTRAR

*A. Sreedhar*

VICE CHANCELLOR



47114109245

PC No  
317000735

CC005811

H.T. No: TDPH0509

Aadhar No: 245410741280



*Polamalakota Pramath Prada*

*Sh. P. Krishnareish*

*having fulfilled the academic requirements in July 2017 has since then  
been admitted by the Executive Council to the Degree of*

*Doctor of Philosophy*  
(Computer Science & Engineering)

on the Thesis entitled  
"DESIGN OF ENHANCED MEDIUM ACCESS CONTROL METHOD FOR WIRELESS SENSOR  
NETWORKS"

Serial No: TDPH/05/2017

Admitted under the No. of the Executive Council

No. of the Executive Council



*[Signature]*  
DIRECTOR, ANANTAPUR

*[Signature]*  
REGISTRAR

*[Signature]*  
VICE CHANCELLOR

*[Signature]*

Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

193



# National Institute of Technology Tiruchirappalli

hereby confers the degree of

*Doctor of Philosophy*

*of the institute*

*on*

**T SATYANARAYANA MURTHY**

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

**Effective Algorithms for Privacy Preserving Data Mining**



*Given this day the Seventh of November 2020*

*Under the seal of the Institute*



TIRUCHIRAPPALLI - 620 015, INDIA

*Chinnthella*  
Registrar

*Naishomao*  
Director

*[Signature]*  
Chairperson  
Board of Governors

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD • 500 085, TELANGANA STATE, INDIA

TS 1438080



H.T NO.: 1203PH0696

*Mr. Rama Kuchipudi*

*Sto. Bhushanam*

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

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: "A Key Distribution Approach for Wireless Sensor Networks Using Mobile Agents".

Given under the Seal of the University

Date: 16-10-2020



DIRECTOR OF EVALUATION

Principal

Chaitanya Bharathi Institute of Technology

(Autonomous)

Gandipet, Hyderabad



4321411/323

VICE CHANCELLOR

PC No

319001314

196

# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University Under Section 3 of UGC Act, 1956)



The Board of Management of Sathyabama Institute of Science and Technology hereby makes known that **SATHAPPAN.S** has been conferred the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, having been certified by duly appointed examiners to be qualified to receive the same on **JULY 2021** for the thesis entitled **EFFICIENT CLUSTERING OF UNCERTAIN DATA** given under the seal of the institution, at Chennai this **TWENTY FIFTH day of SEPTEMBER 2021**

Given under the seal of the Institution

Vice Chancellor

Chancellor



Dated : September 25, 2021



Jeppiaar Nagar, Chennai-600119,  
Tamil Nadu, INDIA.





# राष्ट्रीय औद्योगिक इंजीनियरी संस्थान, मुंबई

भारती मंडळ की अनुमोदित परिसर  
सुश्री प्रगति प्रियदर्शिनी को  
नीटी फेलो



प्रधान सचिव, न. ई. इंजीनियरी संस्थान, वास्तविकता भवन, ए. ए. ए. रोड, मुंबई-४०० ०७५  
वलाड्डा कामपुटिंग एडॉपशन: एन एम्पिरिकल स्टडी ऑन इंडियन इंडस्ट्रियल सेक्टर ऑन एम्पिरिकल  
प्रस्तुत किया है  
भारतीय का मुद्रांकित यह आविष्कार मुंबई, भारतीय वास्तविकता में काम ले, ३ सितम्बर, २०१९ को किया गया था



## NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING, MUMBAI

*Upon recommendation of the Council of Engineers hereby awarded the  
Fellow of NITIE.*

To Ms. Pragati Priyadarshini

*For successfully completing the post-grad program of study and presenting the thesis entitled  
Cloud Computing Adoption: An Empirical Study on Indian Industry*

*Given this day the 3rd day of September 2019 under the seal of the Institute of Mumbai in the  
City of India.*



Scanned with  
CamScanner

*[Signature]*  
DIRECTOR

*[Signature]*  
CHAIRMAN  
BOARD OF GOVERNORS

*[Signature]*  
Principal  
Jaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

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P-418

J. WAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 508 005, TELANGANA STATE, INDIA

15 1503210



Reg. No. 1203PH06G5

*Ms. M. Trupthi*

*Dr. M. Suresh*

having fulfilled the academic requirements in *October - 2020*

has been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Computer Science And Engineering*

on the novel framework for sentiment analysis based on ensemble "without".

Given under the Seal of the University

Date: 26-02-2022

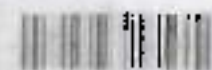


*[Signature]*

DEAN, SCHOOL OF ENGINEERING

*[Signature]*  
Principal

Kanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075



106

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



322001937  
Sl. No. PC 01146288

**PROVISIONAL CERTIFICATE**



Hall Ticket No.: 1103PH0657

This is to certify that Ms. PRATHIMA TIRUMALAREDDY

daughter of Mr. T BALA RAMA REDDY

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

in the faculty of COMPUTER SCIENCE AND ENGINEERING

of this University, held in June, 2022 for the thesis entitled,

"A New Approach for Multiple Modality Content Retrieval and Analysis Using  
Thresholding".

Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075

Verified by

Hyderabad - T.S.

Date: 23 June 2022

Director of Evaluation

REGISTRAR

22

Sl.No. 17400159

Registration No. PH/UMP/DU/ENG/1473



# RAYALASEEMA UNIVERSITY



రాయలసీమ విశ్వవిద్యాలయము

FACULTY OF PHYSICAL & LIFE SCIENCES

ప్రకృతి అపి పీఠికల కి లైఫ్ సైన్సెస్

*Royalaseema University hereby confers the Degree of*  
రాయలసీమ విశ్వవిద్యాలయము ఇందుకు అనుగుణంగా డిగ్రీ ప్రకటించింది

DOCTOR OF PHILOSOPHY

at B VEERA JYOTHI

Son / Daughter of B URUKUNDALAH తండ్రి/తల్లి

in recognition of his / her research work on "ANALYSIS OF NEURAL NETWORK ARCHITECTURE AND MACHINE LEARNING APPROACHES FOR IMAGE CLASSIFICATION AND RETRIEVAL"

అనే అంశంపై అతడు / అది కొనసాగించిన పరిశోధనా పనిపై

in the Department of CSE విభాగం

He / she having been found duly qualified for the same in NOV-2018  
అతడు / అది తన అన్ని పాఠాలను సరిచేసి ఉత్తీర్ణుడై

Registration No. 958184837208  
అదర్ నెంబర్

*Given under the Seal of the University*  
విశ్వవిద్యాలయము ముద్రాపత్రం కింద ఇచ్చారు.



*[Signature]*  
Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

Address - 514 007, A.P., India.  
ఫోన్ నెంబర్ 088 007. యాల్ టెలిఫోన్, అంబెడకర్  
Date: 27-04-2019

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



323002083

Sl. No. PC 01146438



**PROVISIONAL CERTIFICATE**



Hall Ticket No.: 1503PH0620

This is to certify that Ms. SWATHISOWMYA BAVIRTHI

daughter of Mr. NEELAKANTAM

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

in the faculty of COMPUTER SCIENCE AND ENGINEERING

of this University, held in March, 2023 for the thesis entitled,

"Optimized R+ Tree Indexing for Spatio Textual Skyline Queries".

Verified by

Hyderabad - T.S.

Date: 29 April 2023

*K. Venkateswara*

Director of Evaluation

*[Signature]*  
REGISTRAR

# Osmania University



Faculty of Social Sciences

This is to certify that Chinthapally Prihant Reddy  
 son / daughter of B. Bucha Reddy  
 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 Library & Info. Science

The title of the Thesis is :

Electronic Information Sources in Engineering: Identification,  
Evaluation and Utilization in Special Libraries of Andhra Pradesh -  
A study

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 20 Mar 2012



CN021300019

Hyderabad

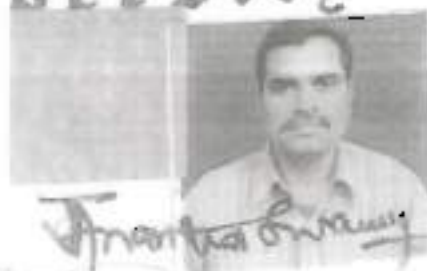
Dated 07 FEB 2013

Given under the seal of the University



*[Signature]*  
 Vice-Chancellor

# Osmania University



Faculty of Science

This is to certify that Dr. P. Ramesh Babu  
son/daughter of P. Ramesh Babu 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 Mathematics

The title of the thesis is  
Studies on Viscous Fluid Flows.

The candidate has been declared qualified for the award of the  
Degree of Ph. D. on 29 April 2004

Given under the seal of the University

P. A. Rao  
Principal

Hyderabad

Jayaprakash Narayan Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

P. Ramesh Babu  
Vice-Chancellor

Date

CHAITRA 28, 1926  
APRIL 17, 2004

130

# Osmania University



Faculty of Science

This is to certify that M. Govindharao Rao  
son/daughter of M. Singaiah 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

(Mathematics)

On certain results in number theory  
and their generalization

Given under the seal of the University

Principal

Tatyasaheb Jadhav Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

Vice-Chancellor

Hyderabad

CHAITRA 19, 1916

Dated APRIL 9, 1934

98

# Osmania University



Faculty of *Science*

This is to certify that *Srinivasarao*

son/daughter of *P. Raja Rao*

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 *Mathematics*

The title of the thesis is

*A Study on Fixed point theorems for three  
Self mappings.*

The candidate has been declared qualified for the award of the  
Degree of Ph. D. on *21st August 2006.*

Given under the seal of the University

Hyderabad

*S. Anand*  
Principal  
Chaitanya Bharathi Institute of Technology

*H. M. ...*

Date MAGHA 14, 1928 (Autonomous)  
Gandipet, Hyderabad-500 075  
FEBRUARY 01, 2007

Vice-Chancellor



# Osmania University



Faculty of Science



This is to certify that B. Narsimlu  
son / daughter of Venkalaiah  
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 Mathematics

The title of the Thesis is :

Numerical techniques in dusty, viscoelastic, Magnetohydrodynamics

Flow

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 06 Dec 2010

Given under the seal of the University



Hyderabad

Dated 07 FEB 2013



*[Handwritten Signature]*

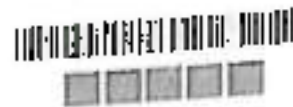
Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad - 500 075

*[Handwritten Signature]*  
Vice-Chancellor

68

Sl No 01145



# Sri Krishnadevaraya University



## Faculty of Science

Reg. No. 125144157

Sri Krishnadevaraya University hereby confers the Degree of  
**Doctor of Philosophy**

on Sreedhar B R

Son / Daughter of B Prabhakar

in recognition for his/ ~~her~~ research work on

**"ESTIMATION OF RELIABILITY INDICES OF SYSTEM IN THE PRESENCE CCS AND HUMAN ERRORS USING MAXIMUM LIKLIHOOD ESTIMATION APPROACH"**

in the Department of Statistics

he / she having been found duly qualified for the same in

29-11-2013

Given under the seal of the University



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

Dated - 29 JAN 2015

*[Signature]*  
Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

*[Signature]*  
Vice-Chancellor

46

# Osmania University



Faculty of Science

This is to certify that P. Suresh  
 son / daughter of P. Shankariah  
 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 Mathematics

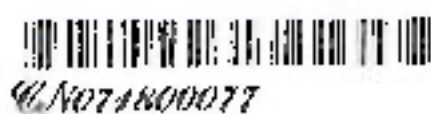
The title of the Thesis is :

Numerical Techniques in MHD Fluid Flows Through Porous Medium

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 19 May 2018

*(Signature)*

Given under the seal of the University



Hyderabad

Dated 22 AUG 2018



Dr. Ananya Bharathi Institute of Technol.  
 (Autonomous)  
 Gandipet, Hyderabad-500 075.

*(Signature)*  
 Vice-Chancellor

OU 463396

# Osmania University



Faculty of Science

This is to certify that B Deepa  
son / daughter of B Shankar Rao  
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 Mathematics

The title of the Thesis is :

Numerical Study of MHD Effects on Convective Heat and Mass Transfer  
with Viscous Dissipation


The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 07 May 2013

Given under the seal of the University



Hyderabad

Dated 19 APR 2011

  
Vice-Chancellor



Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)

Gandipet, Hyderabad-500 075.

64

# Osmania University



Faculty of Science

This is to certify that H. Sharada  
son / daughter of K. Vykhanta Reddy  
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

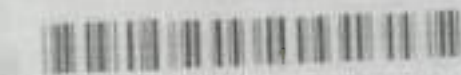
in the Subject of Mathematics

The title of the Thesis is :

Study on MHD Mixed Convection Flow of Non-Newtonian Fluids

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 25. Apr 2018

Given under the seal of the University



CN121900015

Hyderabad

Dated 01/3 JAN 2018



*[Signature]*  
Principal  
Dr. Jaye Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad 500 075.

*[Signature]*  
Vice-Chancellor

85

OU638643

# Osmania University



Faculty of Science

This is to certify that Mamta Thakur  
son / daughter of T. Manohar Singh  
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**

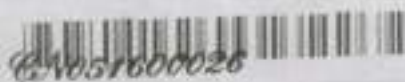
in the Subject of Mathematics

The title of the Thesis is :

Unsteady Hydromagnetic Convective Radiating and Viscous Dissipative  
Fluid Problems

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 29 Apr 2016

Given under the seal of the University



Hyderabad  
Dated 26 MAY 2016



*[Signature]*  
Principal  
Jawahar Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad - 500 075.

*[Signature]*  
Vice-Chancellor

OU 505407

# Osmania University



Faculty of Science

This is to certify that Akhenapally Padma  
son / daughter of A Venkat Reddy  
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 Mathematics

The title of the Thesis is :

Fixed Point and Common Fixed Point Results in Fuzzy Metric Spaces  
for Compatible Mapping

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 15 Dec 2014

Given under the seal of the University



Hyderabad

Dated 27 DEC 2014

  
Vice-Chancellor

बाबासाहेब भीमराव अम्बेडकर विश्वविद्यालय  
 BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY  
 (A Central University)



डॉक्टर ऑफ फिलॉसफी  
 Doctor of Philosophy

प्रमाणित किया जाता है कि पल्ले किरण को फिजिकल साइंसेस विद्यापीठ के जयसदन गैजेटिक्ल विभाग में "Nonlinear Thermal Instability Under Various Physical Configurations" शीर्षक पर वीथिस प्रस्तुत करने के पश्चात डॉक्टर ऑफ फिलॉसफी की उपाधि प्रदान की जाती है। इन्होंने विश्वविद्यालय की सभी वीथिस अर्हताओं को वर्ष 2015 में सफलतापूर्वक पूर्ण कर लिया है।

This is to certify that PALLE KIRAN has been admitted to the degree of Doctor of Philosophy after submitting the thesis entitled "Nonlinear Thermal instability Under Various Physical Configurations" in the Department of Applied Mathematics, School for Physical Sciences and successfully completing all the requirements in the year 2015.



*P. A. ...*  
 Principal  
 Tanya Bharathi Institute of Technology  
 (Autonomous Institute under the aegis of the University)  
 Gandipet, Hyderabad-500 075.



*...*  
 कुमारी  
 Vice-Chancellor  
 Hyderabad 22.01.2016

142



OU 770386

# Osmania University



Faculty of Science

This is to certify that Macha Madhu  
son / daughter of Laxminarayana  
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 Mathematics

The title of the Thesis is :

Finite Element Analysis of MHD Boundary Layer Flow of a  
Non-Newtonian Nanofluid

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 18 Feb 2017

Given under the seal of the University

BA051980086

Hyderabad, this 27, 104

Dated June 17, 2019



*[Signature]*  
Vice-Chancellor

*[Signature]*  
Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

*[Handwritten mark]*

# Osmania University



Faculty of Science

This is to certify that Balla Chandra Shekar  
son / daughter of Lasman Das  
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 Mathematics

The title of the Thesis is :

Finite Element Analysis of MHD Boundary Layer Flow and Heat  
Transfer Characteristics of Nanofluids

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 18 Feb 2017

Given under the seal of the University



CN061981679

Hyderabad 18 Feb 2017

Dated

June 17, 2019



*[Handwritten Signature]*

Principal

Chaitanya Charathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 078.

Vice-Chancellor



**GITAM**

(Deemed to be University)

0916

Provisional Certificate  
Doctor of Philosophy

I hereby certify that Mr. M. Sree Ramani Venkatesh is qualified for the award  
of Doctor of Philosophy (D.Phil.) in the Faculty of Science in the year  
in the thesis entitled "Decomposition of Some Algebraic Structures" and  
has fulfilled all the prescribed academic requirements.

1. Date: 11/12/2020  
2. By: [Signature]  
3. Signature  
4. 11/12/2020

[Signature]  
Controller of Examinations

[Signature]  
Principal  
Chaitanya Bharathi Institute of Technol--  
(Autonomous)  
Gandipet, Hyderabad-500 075.

2021

14.12

MSH No. P16001

# National Institute of Technology Warangal

upon the recommendation of the Senate

hereby confers the degree of

## Doctor of Philosophy

on

Ms. Lakshmi Sireesha Ch

(Roll No: 701255 )



*G.A. 028*

Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in December 2015 in the Department of

### Mathematics

given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Third day of September Two Thousand Sixteen

Title of the Thesis : Numerical Analysis of Singularly Perturbed Differential Difference Equations



*C. K. Reddy*  
CHAIRMAN  
SENATE & BOARD OF GOVERNORS

201



**Birla Institute of Technology & Science, Pilani**  
Pilani | Dubai | Goa | Hyderabad

**PROVISIONAL CERTIFICATE**

*This is to certify that **KOTTALA PANDURANGA** (2018PHXF0027H) has fulfilled the requirements of graduation and has become eligible for the award of the Degree Ph.D. during **SECOND SEMESTER 2021-2022.***

**Thesis Title:** *“Mathematical Techniques for Water Wave Interaction with Porous and Flexible Structures”*

Date: 20-May-2022

Place: **PILANI**

**REGISTRAR**

OU849552

# Osmania University



Faculty of Science

This is to certify that Omeshwar Reddy V  
son / daughter of Remeshwar Reddy V  
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 Mathematics

The title of the Thesis is :

Thermal Diffusion and Diffusion Thermo Effects on Rivlin - Ericksen  
Fluid Flow in Presence of Magnetic Field: A Finite Difference Technique

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 14 Oct 2021

Given under the seal of the University



CN102100064

Hyderabad, T.S.

Kartika 05, 1943



*Signature*

Vice-Chancellor



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

PH  
19 1428

**Provisional Degree Certificate**

*This is to certify that Mr./Ms. M SANTOSHI KUMARI*

*is qualified for the award of the degree of*

**DOCTOR OF PHILOSOPHY IN FACULTY OF APPLIED SCIENCES (MATHEMATICS)**

*of this University for having fulfilled the requirements for the award  
of the said Degree by submitting the thesis titled :*

**STUDIES ON NATURAL CUBIC SPLINES TO BOUNDARY VALUE PROBLEMS OF DIFFERENTIAL  
EQUATION**

*with University Seat No. 1BM16PGJ05*

**DATE OF FINAL VIVA VOCE : 05-Apr-23**

**( Subjected to the approval of Academic Senate and Executive Council of VTU)**

*The degree will be conferred on him / her at the next  
convocation or thereafter,*

**Belagavi**

**Date : 29.04.2023**



**Registrar (Evaluation)**



**ACHARYA NAGARJUNA UNIVERSITY**  
అచార్య నాగార్జున విశ్వవిద్యాలయము



**FACULTY OF ENGINEERING**

*This is to certify that*

Mr./Ms. Goli Nagarajaprasad

S/O Jagadeswara Rao

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

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

*receive the same with effect from* 27 November 2019

*in the Department of* COMPUTER SCIENCE AND ENGINEERING

*Title of the Thesis :*

**DEVELOPMENT OF DISTRIBUTED HYBRID AGENT  
BASED MODEL FOR BUILDING A MULTILINGUAL  
EXPERT SYSTEM**

*Given under the Seal of the University*

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

Date: **20 NOV 2020**



*R. G.*  
Vice-Chancellor

*[Signature]*  
Principal





PHD 6923

# Osmania University

Ref. No. PHD43784

Receipt no.: CN022300142

## Provisional Certificate

This is to certify that M RAMCHANDER  
son/daughter of M RAMULU  
having pursued a course of study prescribed by this University and  
having passed the requisite examinations in FEBRUARY 2023  
by dissertation/thesis, has been admitted to the Degree of  
Ph.D. in CSE in the Faculty of ENGINEERING

Hyderabad

Dated 03/03/2023



Section - incharge

*Cp. Ramchander*  
for Registrar

*Sri Padmaswati Mahila Viswavidyalayam*  
(WOMEN'S UNIVERSITY)

Sl. No. D. 000216

H.T. No. 041651

*Faculty of Science*

*The Executive Council of*

*Sri Padmaswati Mahila Viswavidyalayam*

*hereby makes known that*

**Baddam Indira**

*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 THE THESIS : "Artificial Neural Networks and its use in  
Automatic Recognition of Vehicle  
Registration Numbers".**

**Year : March, 2010**

*Tirupathi*

**Date : 17.09.2010**



*Principal*  
*Dr. Chandan*

*Principal*

# Osmania University



## Faculty of Engineering

This is to certify that P V R Ravindra Reddy  
 son / daughter of P. Papi Reddy  
 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 Mechanical Engineering

The title of the Thesis is :

Simulation Studies on the Effect of Various Process Parameters  
 on Drawability in Deep Drawing.

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

Given under the seal of the University.



PhD1007310002

Hyderabad

Dated 17 AUG 2013



Principal  
 Tanya Bharathi Institute of Technology  
 (Autonomous)  
 Gandipet, Hyderabad-500 075

*T. Venkatesh*

Vice-Chancellor

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

ANDHRA PRADESH, INDIA



*M.V.S. Murali Krishna*

*S/o M. Madhava Rao*

having fulfilled the academic requirements in *June - 2005*

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

*Doctor of Philosophy*  
(Mechanical Engineering)

Topic : Investigations on Low Heat Rejection Diesel Engine with Alternate fuels.

Given under the Seal of the University



H.T.No: 981433ME

Hyderabad

Date: 25 March, 2006 Director of Evaluation

*[Signature]*  
*[Signature]*  
Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)

Gandipet, Hyderabad 500 075.

AL00273

108

# Osmania University



Faculty of Engineering

This is to certify that A.V. Krishnaiah  
 son / daughter of A.V. Giddaiah  
 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 Mechanical Engineering

The title of the Thesis is :

Vibrations of Thin Walled Composite I-Beams

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 26 Oct 2010

Given under the seal of the University



Hyderabad

Dated '07 FEB 2013



*[Signature]*  
 Principal  
 Jaitanya Bharathi Institute of Technology  
 (Autonomous)  
 Gandipet, Hyderabad 500 075.

*[Signature]*  
 Vice-Chancellor

# Osmania University



Faculty of *Engineering*

This is to certify that *S. Prabhakar Reddy*

son/daughter of *Saujeva Reddy*

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 *Mechanical Engineering*

The title of the thesis is  
*Experimental Studies on Superplastic Forming*

The candidate has been declared qualified for the award of the  
Degree of Ph. D. on *1st April 2006*.

Given under the seal of the University

Hyderabad

*O.A. 908*  
Principal

*H. M. M.*  
Vice-Chancellor

Date MAGHA 14, 1928

Chaitanya Bharathi Institute of Technology  
(Autonomous)

FEBRUARY 01, 2006 Gandipet, Hyderabad-500 075.

129

OU 283593

# Osmania University



Faculty of Engineering

This is to certify that Gundugani Pasmatah  
son / daughter of B Lingaiah  
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 Mechanical Engineering

The title of the Thesis is :

PSD Analysis of Hermetic Compressor using Finite Element Analysis

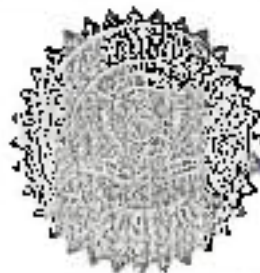
The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 06 Feb 2013

Given under the seal of the University

Hyderabad

Hyderabad

Dated 07 Feb 2013



*(Signature)*  
Principal

Autonomous  
Jawahar Bharathi Institute of Technology  
(Autonomous)

Campus, Hyderabad-500 075.

Chancellor

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

TS 703433



H.T No.: 0803PH1533

*Mr. V V R Leshagiri Rao*  
*S/o. V Rama 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*  
*Mechanical Engineering*

Topic : *'Investigations on High Grade Low Heat Rejection Diesel Engine  
with Carbureted Methanol / Ethanol and Crude Jatropha Oil'*

Given under the Seal of the University

Date: 21-04-2017



*CSE*

*Madiah p*

*Aleena*

*Chaitanya Bharathi*

Princip  
Chaitanya Bharathi Inst  
(Autonomous)



PC No  
310290511

Gandipet, Hyderabad 500 075.

173



Disposal No. 000036

Register No.

PP/ME/0024

# RAYALASEEMA UNIVERSITY

KURNOOL



## PROVISIONAL CERTIFICATE

*This is to Certify that M. Sc. THUMMA RATNA REDDY*

*has qualified himself / herself for the award of the Degree of Doctor of  
Philosophy in MECHANICAL ENGINEERING with effect from 07-12-2017  
on the basis of the adjudication reports of the examiners and on his/her  
satisfying other conditions for the award of the degree.*

**Entitled** EXPERIMENTAL INVESTIGATION ON LOW HEAT REJECTION  
DIESEL ENGINE WITH CRUDE MOTOR OIL AND ITS BIO-DIESEL

Kurnool  
Andhra Pradesh, India

Date:

Written by: *[Signature]*

*[Signature]*

Principal

Chaitanya Bharathi Institute of Technology  
[Autonomous]

Gandipet, Hyderabad-500 075.

Considered by: *[Signature]*

Supt. *[Signature]*

*[Signature]*  
CONTROLLER OF EXAMINATIONS

166

TS 1291048



H.T No.: 0803PH1556

*Mr. Hari Prayya Choudary*

*S. Venkateswaram*

*April - 2017*

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

*Degree of Philosophy  
Mechanical Engineering*

Topic: Investigations on Low Heat Rejection Diesel Engine with Waste Free  
Cooking Oil and its Biodiesel.

Given under the Seal of the University

Date: 09-05-2018



*Hepram*

DIRECTOR OF EVALUATION

*Andarajp*

*Already*

*P.A. Singh*



Principal

Chaitanya Institute of Technology  
(Autonomous)

Gandipet, Hyderabad-500 075.

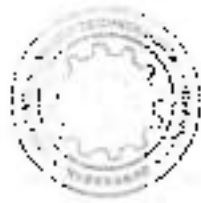
PC No  
24700002

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
HYDERABAD - 500 002, ANDHRA PRADESH, INDIA

సంఖ్య: జె.ఎం.ఎ.ఎ. 12568



సంఖ్య: జె.ఎం.ఎ.ఎ. 12568



*Mr. Kalyan Kumar*

*Dr. M. Kalyanasundaram*

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

*Degree of Philosophy*  
*Mechanical Engineering*

Topic: Investigations on Catalytically Activated Two Stroke Spark Ignition  
Engine with Gaseous Fuel and Gasoline

Given under the Seal of the University

M. T. No: 0703PH1513

Date: 16-09-2014

*G. A. Rao*

Principal

Jitaya Bharathi Institute of Technology

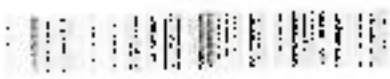
(Autonomous)

Gandipet, Hyderabad-500 075

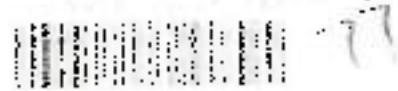
*[Signature]*

*[Signature]*

*[Signature]*



సంఖ్య: జె.ఎం.ఎ.ఎ. 12568



# Osmania University



Faculty of Engineering

This is to certify that S Solomon Raj  
 son / daughter of S R Joseph  
 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 Mechanical Engineering

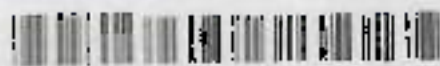
The title of the Thesis is :

Design of Composite Propeller for Higher Cavitation Performance  
using CFD and FEM Analysis

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 01 Aug 2017

Given under the seat of the University

Principal  
 J. V. Narayana Murthy Institute of Technology  
 Gandipet, Hyderabad-500 075.



CN051980178

Hyderabad, the 27, 1941

Dated

June 17, 2019

157  
 Vice-Chancellor

# Osmania University



Faculty of Engineering



This is to certify that M.D. Azeem Faheem

son / Daughter of Mahabub Ali

having pursued a course of study prescribed by this University  
and having passed the requirements by Examination and his  
thesis has been admitted to the Degree of

## Doctor Of Philosophy

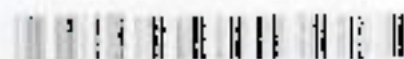
in the Subject of Mechanical Engineering

The title of the Thesis is :

Experimental and Numerical Investigation on Friction Stir Welding of  
Aluminum and Magnesium Alloy

The candidate has been declared qualified for the award of the  
Degree of Ph. D. on 14 Dec 2017

Given under the seal of the University



U. 4054980256



*O. Singh*  
Principal  
Sri Sathya Bhareathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

Hyderabad, this 27, 1947

Dated

June 17, 2019

Vice-Chancellor

00150

# Sri Krishnadevaraya University



## Faculty of Science

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

Sri Krishnadevaraya University hereby confers the Degree of

### Doctor of Philosophy

on Lagishetty Suresh Kumar

Son / Daughter of S. Rama Subbaiah

in recognition for his/hier research work on  
DEVELOPMENT AND CHARACTERIZATION OF AISI-304 BY TIG AND MIG WELDING PROCESSES

in the Department of OPERATIONS RESEARCH & STATISTICAL QUALITY CONTROL

he / she having been found duly qualified for the same in 17.12.2011

17th December 2011

Given under the seal of the University



AMANTAPUR - 515 003,  
Andhra Pradesh, India.

*[Signature]*

Principal

Chaitanya Bharathi Institute of Techno  
(Autonomous)  
Gandipet, Hyderabad-500 075

*[Signature]*  
Vice-Chancellor

94



PHD 6046

# Osmania University

Ref. No. PHD42490

Receipt no.: CN112000081

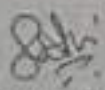
## Provisional Certificate

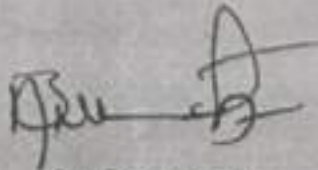
This is to certify that INDIRA PRIYADARSINI CH  
son/daughter of CH SUDARSANA RAO  
having pursued a course of study prescribed by this University and  
having passed the requisite examinations in SEP 2020  
by dissertation/thesis, has been admitted to the Degree of  
Ph.D. in Mech. Engg. in the Faculty of ENGINEERING

Hyderabad

Dated 22/12/2020



  
Section - incharge

  
for Registrar



Principal

Chaitanya Bharathi Institute of Technology

(Autonomous)

Gandipet, Hyderabad-500 075.

# Osmania University



Faculty of Engineering

This is to certify that Narasimha Kumar P  
son / daughter of P Sampath Kumar  
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 Mechanical Engineering

The title of the Thesis is :

Experimental Investigations on Two Stroke Copper Coated Spark  
Igniton Engine with Gasohol with Catalytic Converter

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 09 Jan 2014

GIVEN under the seal of the University

*P. K. ...*



NO21800476

Hyderabad

Dated: 16 MAR 2014



(Autonomous)  
Bandipet, Hyderabad-500 075.

*h*  
Vice-Chancellor



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1291049



H.T No. : 0803PH1579

COPY Mr. B.V.S Rao COPY

*Sh. B.V. Ramana Murthy*

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

*Doctor of Philosophy*

*Mechanical Engineering*

Topic: "Analytical and Experimental Evaluation of Flange Wrinkling in Sheet Metal Forming".

Given under the Seal of the University :

Date: 09-05-2018



*Upparam*  
DIRECTOR OF EVALUATION

*Andarip*  
REGISTRAR

*Allegor*  
VICE CHANCELLOR



47114108140

PC No

34805884

*A.A. 002*

PHD 4647



# Osmania University

Ref. No. CN021700094

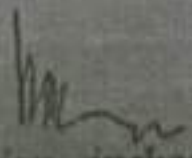
## Provisional Certificate


This is to certify that N. Janardhan  
son/daughter of N. Gopal  
having pursued a course of study prescribed by this University and  
having passed the requisite examinations in FEB 2017  
by dissertation/thesis, has been admitted to the Degree of  
Ph.D (Mechanical Engg.) in the Faculty of ENGINEERING

Hyderabad

Dated 07/03/2017



  
Section incharge

  
for Registrar

(Autonomous)  
Gandipet, Hyderabad-500 075.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 500024



H.T. No.: 0703PH1520

*Ms. Divya Lakshmi P*  
*D/o. P. Subrahmanyam*

Having fulfilled the academic requirements of *May, 2014*  
has this day been admitted by the Executive Council to the degree of

*Doctor of Philosophy*  
*Mechanical Engineering*

Topic - Evaluation of Fracture Behaviour of Carbon Epoxy and UNF  
Reinforced Carbon Epoxy Composites.

Given under the Seal of the University

Date: 04-09-2014

*[Signature]*

DIRECTOR OF EVALUATION



*[Signature]*

REGISTRAR

*[Signature]*  
Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

*[Signature]*

VICE CHANCELLOR



07-03-2014 15:20

FC No  
12351631945

131



# हैदराबाद विश्वविद्यालय University of Hyderabad

प्रस्तावित किया जाता है कि

सदस्य  
उर

सायाजी इंजिनियरिंग में इंजीनियरिंग विज्ञान और प्रौद्योगिकी

संस्थान 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



*The University does*

**RAHUL**

*having pursued research in: Materials Engineering*

14.791

*School of Engineering Sciences and Technology*

*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*

Witnessed in open & after view  
of the members of the Council

*Handwritten signature*  
Principal

*Handwritten signature*  
Principal

Hyderabad - 500 076 - India 14.08.2018

*Handwritten signature*  
**Principal**

**Chaitanya Bharathi Institute of Technology**  
(Autonomous)  
Gandipet, Hyderabad-500 076.

148



भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
 Indian Institute of Technology Hyderabad

10710000000000000000

## भारतीय प्रौद्योगिकी संस्थान हैदराबाद

अभियंता की अनुशांता पर

विद्या वाचस्पति

जिसके लिए सभी निर्धारित अपेक्षाओं को पूर्ण करने पर तथा दि. 13 सितम्बर, 2020 को  
 शोध-प्रबंध के सफल पक्षपोषण के उपरान्त:

एक्सपेरिमेंटल स्टडी ऑन काविटेशन बबल डायनामिक्स नियर डिफरेंट बॉर्डरिस  
 की उपाधि

वाई एस कन्नन

को अपने सभी अधिकारों, विशेषाधिकारों तथा उत्तरदायित्वों के साथ एतद्वारा प्रदान करता है।  
 दिनांक तेईस अगस्त दो हजार इक्कीस को संस्थान की मुद्रा अंकित यह उपाधि दी गई।

## Indian Institute of Technology Hyderabad

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

**Doctor of Philosophy**

for fulfilling all prescribed requirements for the degree and  
 successfully defending the thesis on 13 September, 2020, titled:

**Experimental Study on Cavitation Bubble Dynamics  
 near Different Boundaries**

on

**Y S Kannan**

with all its rights, privileges, and responsibilities.

Granted under the seal of the Institute on  
 the Twenty Third day of August,  
 Two Thousand and Twenty One.

  
 कुलाधिपति  
 Registrar

  
 निदेशक  
 Director

  
 अध्यक्ष, अधिकांक पण्डित  
 Chairman, Board of Governors

  
 प्रिन्सिपल  
 Chaitanya Bharathi Institute of Technology  
 (Autonomous)  
 Gandipet, Hyderabad-500 075.

197





# Indian Institute of Technology Madras

*honorably confers the degree of  
Doctor of Philosophy  
of the Institute*

on

**KIRAN KUMAR A**

*for successfully completing the provided programmes of study and  
presenting the thesis entitled*

**HOLEY METAMATERIALS FOR DEEP SUB-WAVELENGTH  
ULTRASONIC IMAGING**



016130021

*Given this day the Thirtieth of November, 2018  
under the seal of the Institute*



*[Signature]*  
Registrar

*[Signature]*  
Director

*[Signature]*  
Chairman, Board of Governors

*[Signature]*

Principal  
Chaitanya Bharathi Institute of Technol  
(Autonomous)  
Gandipet, Hyderabad-500 075.

198



194

# INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

on

**Ashutosh Sahu**

in recognition of the research work on

*Thermal Behavior and Nanomechanical Properties of Spark Plasma Sintered Aluminum Based in-situ Amorphous Nanocomposites*

*Principal*  
Chaitanya Bhattacharya Institute of Technology  
(Autonomous)  
Ganddipet, Hyderabad-500 075

Given under the seal of the Institute at Kharagpur on the Twenty Third day of February, Two Thousand and Twenty One

*[Signature]*  
Registrar



*[Signature]*  
Director



विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान  
नागपुर (भारत)

रंजित जयप्रकाश सिंह

को एतद् द्वारा अभिषेक की अनुमति पर आज रविवार दि.15 सितंबर 2019 को

संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है।

इसने विनियमों के अंतर्गत विहित आवश्यकताओं को अगस्त 2019 में पूर्ण किया एवं  
अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया।

**VISHVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY  
NAGPUR (INDIA)**

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

on

**Ranjit Jayprakash Singh**

who has fulfilled the requirements as prescribed  
under the regulations and has successfully defended  
the thesis in August 2019 titled

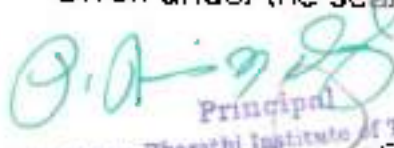
***"The Solver Development and Numerical Analysis of  
Magnetohydrodynamics Flow and Heat Transfer using  
OpenFOAM"***

Given this day, Sunday 15th September 2019

Given under the seat of the Institute.

S. R. Sathre

कुलसचिव  
REGISTRAR

  
Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad - 500 075.  
CHAIRMAN, SENATE

V. R. Jandekar

अध्यक्ष, नगरी मंडल  
CHAIRMAN, BOARD OF GOVERNORS





**Birla Institute of Technology & Science, Pilani**  
Pilani | Dubai | Goa | Hyderabad

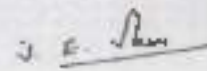
**PROVISIONAL CERTIFICATE**

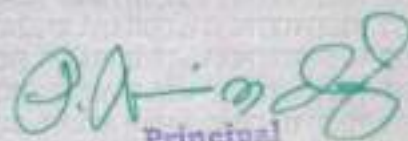
*This is to certify that* **INTURI VAMSI**  
**(2016PHXF0025H)** *has fulfilled the requirements of graduation and has become eligible for the award of the Degree Ph.D. during First Semester 2020-2021.*

**Thesis Title:** *"Development of an Integrated and Adaptive Condition Monitoring Scheme for Fault Diagnosis in Different Stages of Wind Turbine Gearbox"*

Date: 05-Oct-2020

Place: PILANI

  
REGISTRAR



Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

6

6



विश्वेश्वररया राष्ट्रीय प्रौद्योगिकी संस्थान  
नागपुर (भारत)

हरि कृष्ण यादव

को एतद् द्वारा अभिषेक की अनुशंसा पर आज सोमवार दि. 28 दिसंबर 2020 को

संस्थान की मुद्रांकित

आधार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को दिसंबर 2020 में पूर्ण किया एवं  
अपने शोधप्रबंध का सफलतापूर्वक पक्षापोषण किया।

**VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY  
NAGPUR (INDIA)**

upon recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

on

**Hari Krishan Yadav**

who has fulfilled the requirements as prescribed  
under the regulations and has successfully defended  
the thesis in December 2020 titled

***"Effect of Cold Work on Creep Behavior of Ti-modified  
14Cr-15Ni (D9I) Austenitic Stainless Steel"***

Given this day, Monday 28th December 2020

Given under the seal of the Institute.

रजिस्ट्रार  
REGISTRAR

अध्यक्ष, असेंबली  
CHAIRMAN, SENATE

अध्यक्ष, बोर्ड ऑफ गवर्नर्स  
CHAIRMAN, BOARD OF GOVERNORS



D.C.

Faculty of Engineering

This is to certify that Pinninti Kameswara Reddy  
son/daughter of S. S. Suresh 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 Engineering

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

Physical Chemistry  
Investigation of mechanical properties in orthotropic  
cellulose, wood, laminated fibre composites of carbon and  
glass matrix composites.

Given under the seal of the University

*P. A. 988*

Principal

Chalanyu Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

Hyderabad

DATE: MARGASHIRSA 1973  
DECEMBER 19 1964

*P. A. 988*

PRINCIPAL

Chalanyu Bharathi Institute  
of Technology  
GANDIPET, P. O. (D.M.)  
HYDERABAD - 500 075

*P. A. 988*  
Vice-Chancellor

133



Regd. No.

Y12PER011

ACHARYA NAGARJUNA UNIVERSITY  
ఆచార్య నాగార్జున విశ్వవిద్యాలయము



FACULTY OF PHYSICAL EDUCATION, YOGA & SPORTS SCIENCES

*This is to certify that*

Mr./Ms.

*Krishna Sathuluri*

*S/o Venkata Babu K Rao*

*has been duly admitted to the*

*Degree of Doctor of Philosophy*

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

*be qualified to receive the same in 2015*

*in Physical Education*

*Given under the Seal of the University*

Nagarjuna Nagar-522 510.

A. P. India

Date: 28 MAY 2015



*K. S. S. S.*

Vice-Chancellor

# Osmania University



## Faculty of Science

This is to certify that S. Sumanth Reddy  
son/daughter of S. Sateesh Kumar Reddy 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

( Physics )

Studies on evaluation and development of  
ground water potentialities in the area  
east of Ammanguda, Hyderabad District  
A.P.

*[Signature]*

Principal  
Jaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

Date: POUSH 7, 1988  
DECEMBER 28, 1988

*[Signature]*  
PRINCIPAL

Chaitanya Bharathi Institute of  
Technology  
GANDIPET, A.P. DISTRICT  
HYDERABAD - 500 075

*[Signature]*  
Vice-Chancellor

48

# Osmania University



Faculty of *Sciences*

This is to certify that *Yamini Srinivasa Reddy*  
son/daughter of *Y. Sri Reddy*  
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 *Physics*

The title of the thesis is

*Magnetic and Inorganic Properties of Sr<sub>2</sub>La<sub>2</sub> based double layered CMR Perovskites*

The candidate has been declared qualified for the award of the  
Degree of Ph. D. on *29<sup>th</sup> December 2006*.

Given under the seal of the University

*Principal*  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075

*Hrudan*  
Vice-Chancellor

Hyderabad

Date MAGHA 14, 1928  
FEBRUARY 01, 2007

175

# Osmania University



Faculty of Science



This is to certify that H Vinay Kumar Reddy

son / daughter of Narsimha Reddy

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 Physics

The title of the Thesis is :

Baseline Radioactivity Studies in the Proposed Lambapur Uranium  
Mining Areas and along Northeast Coast of AP, India.

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 07 Oct 2010

Given under the seal of the University



EN062200023

Hyderabad, T.S.

Dated 5 JUL 2022



Principal  
Sri Bharathi Institute of Technol-  
(Autonomous),  
Manjipet, Hyderabad-500 075.

Vice-Chancellor



OU 770376

# Osmania University



## Faculty of Science

This is to certify that N. Raja Gopal  
 son / daughter of Ramakrishna Rao  
 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 Physics

The title of the Thesis is :

Studies on Fuel Properties of Biodiesel

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 10 Jul 2019

Given under the seal of the University

UNIVERSITY OF OSMAVIA  
 (U.O. No. 1980080)

Jyaistha 27, 1941

Hyderabad June 17, 2019

Dated



*B.A. 988*  
Principal

Chaitanya Bharathi Institute of Techno-  
(Autonomous)  
Gandhinagar, Hyderabad  
Vice-Chancellor

# Osmania University



## Faculty of Science

This is to certify that H. Subhadra  
 son / daughter of H. Rama Charyulu

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

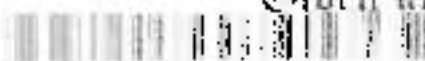
in the Subject Physics

The title of the Thesis is :

Studies on Spectroscopic and Electrical Properties of Vanadyl  
 Coped, Mixed Alkali Bismuth Borate Glasses

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 06 June, 2011

Given under the seal of the University



HYD/1106080001  
 Hyderabad

Dated 5 JUN 2011



Principal  
 Jaitanya Bhattacharya Institute of Technology  
 (Autonomous)  
 Gandipet, Hyderabad-500 075.

16.5  
 Vice-Chancellor

# Osmania University



Faculty of Science



This is to certify that Pranav Kumar Reddy  
 son / daughter of Man Reddy  
 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 Physics

The title of the Thesis is :

"Structural, Electrical, Magnetic and  $^{57}\text{Fe}$  Mossbauer  
 Study of  $\text{DyFeO}_3$  based Magneto-Electric Materials"

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 30 Dec 2017

Given under the seal of the University



GN051980458

Hyderabad Distha 27, 1941

Dated

June 17, 2019



*[Handwritten Signature]*

Principal

astanya Bharathi Institute of Technology  
 (Autonomous)  
 Gandipet Hyderabad-500 075.

*[Handwritten Signature]*  
 Vice-Chancellor

# UNIVERSITY OF ALLAHABAD



## Doctor of Philosophy in Science

Enrollment No: 2006 AU/133

This is to certify that Neelima Agarwal  
 has been admitted to the degree of Doctor of Philosophy  
 in Science in this University at the Convocation  
 of 2013

University of Allahabad:  
 22nd June, 2013  
 The 19th June, 2014

*[Handwritten Signature]*

Principal  
 Chaitanya Bharathi Institute of Technology  
 (Autonomous)  
 Gandipet, Hyderabad-500 075.

Scanned by CamScanner

ENGLISH TRANSLATION

FORMERLY KNOWN AS UNIVERSITY OF INDORE



**DOCTOR OF PHILOSOPHY**

Certified that S. Shanmukhasai Samathram

obtained the Degree of **DOCTOR OF PHILOSOPHY**

in Physics under the Faculty of

Science in the year 2016

Title of Thesis "A Study on Materials with  
Unconventional Ground States"

Dated Oct. 13 2016

Date of 93340

[Signature]  
Vice-Chancellor

29 DEC 2016

[Signature]  
Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

206

Registration No.



000712PH09F01



National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

**Doctor of Philosophy**



on

Santhosh Kumar A

in recognition of the research work on

"PRECURSION, CHARACTERIZATION AND APPLICATION OF LOW-DIMENSIONAL NANOSTRUCTURES"

carried out in the Department of

Physics

and completed all the requirements

in March 2015

Given under the seal of the Institute,

on 14<sup>th</sup> November 2015

Principal

Naitanya Bharathi Institute of Technology  
(Autonomous)

Gandiyet, Hyderabad-506 075.

Registrar

Director

Member, Board of Governors

139

SI No. PH15067

# Indian Institute of Technology Madras

Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

has hereby conferred the degree of  
**Doctor of Philosophy**

on  
**B MANIKYA PRATIMA**

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

**STUDIES ON SOL-GEL DERIVED MIXED METAL OXIDES OF TITANIA-  
SILICA FOR PROTECTIVE COATINGS AND TITANIA-TUNGSTEN  
OXIDE FOR ELECTROCHROMIC APPLICATIONS**

On the day the Nineteenth of July, 2019  
under the seal of the Institute

*[Signature]*  
Registrar

*[Signature]*  
Director

*[Signature]*  
Chairman, Board of Governors



PH: JDR35



45

Sl. No. 17400254

Register No.

రెజిస్ట్రేషన్ నెం.

RR/2016/254



# RAYALASEEMA UNIVERSITY



రాయలసీమ విశ్వవిద్యాలయము

FACULTY OF PHYSICAL & LIFE SCIENCES

ప్యాకల్టీ ఆఫ్ ఫిజికల్ & లైఫ్ సైన్సెస్

Royalaseema University hereby confers the Degree of  
అనునీమ విశ్వవిద్యాలయం ఇందుకొంది డిగ్రీ ఇవ్వవలసిందిగా

DOCTOR OF PHILOSOPHY

MADUNURI CHANDRA SEKHAR

Son / Daughter of M HARI SHANKAR BABU మహారాజులపల్లి

in recognition of his / her research work on "SYNTHESIS OF ZNO NANOSTRUCTURES & THEIR UTILITY IN CORROSION RESISTANCE, ROBUST NANOGENERATOR"

అదే అంశంపై అయి / అయి వ్రాసినవిషయం పరిశోధనా పత్రంపై

In the Department of PHYSICS భౌతిక శాస్త్రం

He / she having been found duly qualified for the same in MAY - 2018

అయి / అయి తన అర్హత నిరూపించుకొని ప్రాధికారంపై

Roll No. 815928018219

రోల్ నెంబర్

Given under the Seal of the University  
విశ్వవిద్యాలయ ముద్రలపైగా అందించుచున్నాము



*(Signature)*

Principal

Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

Contact - 3281157, 3281158  
మొదటి అంశం, మొదటి అంశం నెంబర్

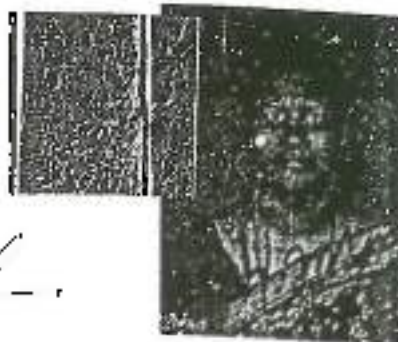
Date: 11-04-2018

సంఖ్య

110



# Osmania University



Faculty of *Management*

This is to certify that *S. Saraswathi*  
son/daughter of *Sriji Reddy*  
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 *Business Management*

The title of the thesis is

*Information Technology Industry in India: Its  
Evolution, Growth, Problems and Prospects  
- A Study Perspective*

The candidate has been declared qualified for the award of the  
Degree of Ph. D. on *12<sup>th</sup> January 2006*.

Given under the seal of the University

*[Signature]*  
Principal

Chaitanya Bharathi Institute of Techno-  
(Autonomous)

Gandipet, Hyderabad-500 075

*[Signature]*  
H. Aravamudan

Vice-Chancellor

Hyderabad

Date

MACHA 14. 1928

SECRETARY 01. 2007

157

# Osmania University



Faculty of Management

This is to certify that Poorna Chandrika JP  
son / daughter of J B Phantha Marthy  
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 Business Management

The title of the Thesis is :

HR Outsourcing - A Comparative Study of IT and Pharmaceutical  
Sectors

The candidate has been declared qualified for the award of the  
Degree of Ph.D. on 11 Aug 2015

Principal

Given under the seal of the University  
Faculty of Business Administration & Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.



EN061981602

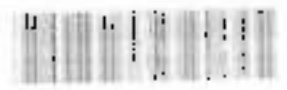


Hyderabad  
Dated Hydrabha 27, 1941  
June 17, 2019

Vice-Chancellor

23

R.No. 00165



# Sri Krishnadevaraya University



## Faculty of Management

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

Sri Krishnadevaraya University hereby confers the Degree of  
*Doctor of Philosophy*

on Dr. J. S. Srinivas

Son / Daughter of Dr. R. Srinivas

in recognition for his/her research work on  
TECHNICAL STRATEGIES OF IT & ITC COMPANIES WITH BUSINESS METRICS

in the Department of MANAGEMENT

he / she having been found duly qualified for the same on 24.06.2012

24th May 2012

Given under the seal of the University

**Principal**  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

75

Vice-Chancellor



KHANTAPUR - 515 003  
Andhra Pradesh, India.

Date: 23-07-2012

003784



శ్రీ వంశభక్తర విశ్వవిద్యాలయం

సాఫ్ట్ అండ్ మేనేజ్మెంట్ స్టడీస్  
Faculty of Management Studies

పొమ్మ కేతీ రెడ్డి

నామ సంకేత గారి కుమార్తె గారు

ఈ విశ్వవిద్యాలయం వారి క్రింద నిర్వహించే పరీక్షల అను హద్దులకు  
స్థానియ విశ్వవిద్యాలయ వారసురాలు

డాక్టర్ ఆఫ్ ఫిలాసఫీ

పట్టా పొందావని అర్హత వారసున్ని ప్రకటిస్తున్నాము.

This is to certify that

Pommaya Kethi Reddi

Daughter of Venkata Reddy

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 therefore as hereunder.

DEPARTMENT OF STUDY : MANAGEMENT STUDIES

TITLE OF THE THESIS : "Techniques Management in Retail and  
Market Research"

YEAR : 2011

*(Signature)*  
Principal

సాధారణ విద్యార్థి పట్టా పొందినది  
Given under the  
Sri Venkateswara Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.



అనుబంధం / Annex  
06 / Date 11 SEP 2013

*(Signature)*  
Vice-Chancellor

86



Roll No. : 7100180001A  
 Regd No.: 2004.DW/A.628

The Senate of  
**GURUNANAK DEV UNIVERSITY**

have conferred upon

MANDAKINI PARUTHI

JAGDISH KUMAR PARUTHI

the degree of

**Doctor of Philosophy**

in the faculty of ECONOMICS & BUSINESS (BUSINESS ADMINISTRATION)



*[Signature]*  
 Principal

Chaitanya Bharathi Institute of Technology  
 (Autonomous)  
 Gandipet, Hyderabad-500 075.

*[Signature]*  
 Registrar

Registrar

*[Signature]*  
 Vice Chancellor

Vice Chancellor

*[Signature]*  
 Chancellor

Chancellor

Professor Incharge (Examinations)

Amritsar : August 29, 2018

ਲਗੀ ਨੰ 10002B  
Sr. No.

ਰਜਿਸਟ੍ਰੇਸ਼ਨ ਨੰ: 1606501  
Registration No.

# ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਵਰਲਡ ਯੂਨੀਵਰਸਿਟੀ

(ਘੋਸ਼ਣਾ ਕੀਤੀ ਗਈ ਨੰ: 20/2008 ਤਹਿਤ ਸਾਬਤ ਅਤੇ ਯੂ.ਐੱਸ.ਐੱਸ. ਐਕਟ 1936 ਦੀ ਧਾਰਾ 2(f) ਅਧੀਨ ਮਨਜ਼ੂਰੀ ਪ੍ਰਾਪਤ)



ਡਾਕਟਰ ਆਫ਼ ਫ਼ਿਲਾਸਫ਼ੀ

ਪ੍ਰਮਾਣਿਤ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਕਿ \_\_\_\_\_ ਦਮਨ ਜੀਤ \_\_\_\_\_ ਪੁੱਤਰ/ਪੁੱਤਰੀ

ਸ੍ਰੀ ਕੰਵਲ ਜੀਤ ਸਿੰਘ ਅਤੇ ਸ੍ਰੀਮਤੀ ਗੁਰਪ੍ਰੀਤ ਕੌਰ ਨੂੰ ਮੈਨੇਜਮੈਂਟ ਵਿੱਚ ਵਿਚ

ਕਾਰਜਸ਼ ਅਤੇ ਮੈਨੇਜਮੈਂਟ ਫੈਕਲਟੀ ਵਿਚ ਡਾਕਟਰ ਆਫ਼ ਫ਼ਿਲਾਸਫ਼ੀ ਦੀ ਡਿਗਰੀ ਮਾਰਚ 20, 2019

(ਡੀਮਡ ਮਿਤੀ) ਨੂੰ ਪ੍ਰਦਾਨ ਕੀਤੀ ਗਈ।

## Sri Guru Granth Sahib World University, Fatehgarh Sahib

(Established Under Punjab State Act 20/2008 and Approved Under Section 2(f) of UGC Act, 1956)

### Doctor of Philosophy

Certified that Daman Jeet son/daughter of

Sri Kanwal Jeet Singh and Smt. Gurprit Kaur, has been awarded the degree

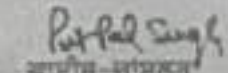
of Doctor of Philosophy on March 20, 2019 (deemed date) in the subject of

Management in the Faculty of Commerce & Management.

ਯੂਨੀਵਰਸਿਟੀ ਸੀਲ ਅਧੀਨ ਪ੍ਰਦਾਨ ਕੀਤੀ ਗਈ  
Given under the seal of the University

ਪ੍ਰਿੰਸਿਪਲ ਸਾਹਿਬ  
ਰਜਿਸਟਰਾਰ  
REGISTRAR


  
ਚਾਂਸਲਰ  
CHANCELLOR

  
ਵਾਈਸ-ਚਾਂਸਲਰ  
VICE-CHANCELLOR

ਫ਼ਾਹਿਰਗੜ੍ਹ ਸਾਹਿਬ  
FATEHGARH SAHIB  
INDIA

April 04, 2019



  
Principal  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.



Provisional Degree Certificate

For the degree of

**Doctor of Philosophy**

Certified that **Mr. M ANIL KUMAR** (Reg. No. 138002HM13F05) in **SCHOOL OF MANAGEMENT** has successfully completed all prescribed requirements for the degree of Doctor of Philosophy (Ph.D.) of the Institute.

The date of viva voce examination was **July 19, 2018**.

The title of the thesis submitted is "**AN EMPIRICAL ANALYSIS OF LEGAL INSIDER TRADING IN INDIA**".

This certificate is issued this day, the **August 24, 2018** with the approval of the authorities.

M. B. Sankar  
**DEAN (Academic)**

Dean (Academic)  
National Institute of Technology  
Karnataka, Surathkal  
Post Shivvellegar, Mangalore - 575025

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# Osmania University



## Faculty of Management

This is to certify that Aarundar M.  
 son / daughter of Yadagiri  
 having pursued a course of study prescribed by this University  
 and having passed the requirements by Examination and so  
 thesis has been admitted to the Degree of

### Doctor Of Philosophy

in the Subject of Business Management

The title of the Thesis is:

Performance of IPOs in India - A Study on Impact of Select Variables

The candidate has been declared qualified for the award of the  
 Degree of Ph.D. on 19 Jan 2019

Given under the seal of the ~~University~~  
 Janya Bharathi Institute of Technology  
 (Autonomous)  
 Gandipet, Hyderabad-500 075.

46/NO619/24429



Hyderabad,स्था 27, 1941

Dated

June 17, 2019

Vice-Chancellor



# University of Hyderabad

## Degree Certificate



This is to certify that  
**CHEPUR JYOTHI**  
of  
**SCHOOL OF MANAGEMENT STUDIES**  
was awarded the degree  
of  
**DOCTOR OF PHILOSOPHY**  
in  
**MANAGEMENT STUDIES**  
in the year **2020**.



Digitally signed on  
Date : 20/09/2022 09:40:33 IST

**Note:-**

1. This is a digital certificate. The format of this certificate may differ from the document issued by the Institution/University.
2. This certificate is electronically generated by DigiLocker - National Academic Depository.
3. This digitally signed document is legally valid as per the IT Act 2000 when used electronically.
4. To verify this certificate, download DigiLocker Android application from Google Play and scan the QR code on the certificate.

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1796672



H.T No.: 1203PH06A3

*Ms. Suganya Katta*

*D/o. Bhujangarao*

having fulfilled the academic requirements in *January - 2023*  
has been admitted by the Executive Council to the Degree of

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: *"A Novel Approach to CBIR Using Wrapping Based Fast Discrete Curvelet Transform and Relevance Feedback"*

Given under the Seal of the University

Date: 18-03-2023



*K. Venkateswara Rao*

DIRECTOR OF EVALUATION

*[Signature]*

REGISTRAR



411174116050

*[Signature]*

VICE-CHANCELLOR

PC No  
323002037



# KONERU LAKSHMAIAH EDUCATION FOUNDATION

(Deemed to be University)

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



Sl.No. : 130154

Regd No. : 163510009

By the authority of Board of Management

This is to certify that

*Parmeshwari*

has been duly conferred the degree of

*Doctor of Philosophy in Faculty of Management*

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

Given under the seal of the University this day of Thirty First December Two Thousand and Twenty Two

Thesis Title: *AN EMPIRICAL EVIDENCE ON IMPACT OF NIFTY FUTURE VOLATILITY ON NIFTY SPOT*



*G.P.S.*

Vice - Chancellor

# Washtrasant Tukadoji Maharaj Nagpur University

Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> of August, 1928 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)

Re-accredited 'A' Grade by NAAC



## Doctor of Philosophy

(वाणिज्य व व्यवस्थापन आचार्य)

(Faculty of Commerce & Management)

*This is to certify that*  
*Ku. Rakhee Mairal (Renapurkar) having been found to be*  
*duly qualified on examination of the thesis entitled*  
*"An evaluation of HRD practices in selected colleges*  
*(Accredited) in Hyderabad district" was admitted to the*  
*degree of Doctor of Philosophy (वाणिज्य व*  
*व्यवस्थापन आचार्य) in the Faculty of Commerce &*  
*Management in the Subject of Business*  
*Administration and Business Management in this*  
*University in the year 2017.*

Nagpur

Dated : 3-12-2017

*S. Prasad*  
Vice-Chancellor

104<sup>th</sup> Convocation 2017

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



323002099

SI. No. PC 01146455



**PROVISIONAL CERTIFICATE**



Hall Ticket No.: 1203PH1359

This is to certify that Ms. B LAVANYA

daughter of Mr. B SRIRAMULU

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

in the faculty of MANAGEMENT SCIENCE

of this University, held in May, 2023 for the thesis entitled,

"The Influence of Organizational Climate and Emotional Exhaustion on  
Organizational Citizenship Behaviour".

Verified by

Hyderabad - T.S.

*K. Venkateswara Rao*

Director of Evaluation

*[Signature]*  
REGISTRAR

Date: 15 June 2023

Sl.No.: D000066

Reg.No.: 1117120024



# YOGI VEMANA UNIVERSITY



(Established in the year 2006, by an Act of Andhra Pradesh State Legislature)

## యోగి వేమన విశ్వవిద్యాలయం Faculty of Business Management

This is to certify that **Mr/Mrs/Miss.Venkata Ramana T**  
son/daughter of  
**Sri T Chinna Nagaiah** and **Smt T Nagarathamma**  
has been admitted to the Degree of  
**Doctor of Philosophy**

based on the adjudication reports of the duly appointed examiners  
prescribed therefor as here under:

Department : **Business Management**

Title of the Thesis: **ROLE OF EMOTIONAL INTELLIGENCE ON INDIVIDUAL  
EMPLOYEE BEHAVIOUR : A STUDY ON IT SECTOR IN INDIA**

Month & Year :February 2021

**ఫ్యాకల్టీ ఆఫ్ బిజినెస్ మేనేజ్మెంట్**

**శ్రీ టి చిన్న నాగయ్య మరియు శ్రీమతి టి నాగరత్నమ్మ**

గారి కుమారుడు/ కుమార్తె **శ్రీ/శ్రీమతి/కుమారి టి వెంకట రమణ సమర్పించిన**

**ROLE OF EMOTIONAL INTELLIGENCE ON INDIVIDUAL EMPLOYEE BEHAVIOUR : A  
STUDY ON IT SECTOR IN INDIA** సిద్ధాంత గ్రంథమును

వరక్షించి నిర్ధారణ చేసిన నిర్ణేతల సూచనల మేరకు బిజినెస్ మేనేజ్మెంట్ శాఖలో అతనికి/ఆమెకు

**డాక్టర్ ఆఫ్ ఫిలాసఫి**

పట్టా ప్రదానం చేయడానికి అర్హత పొందినట్లు ధృవీకరించడమైనది.

Aadhaar No.662603791405



Kadapa-516 005  
Andhra Pradesh, India  
Date: 20-03-2021



Given under the seal of the University

విశ్వవిద్యాలయ అధికార ముద్రతో జారీ చేయడమైనది.

*M. Subrahmanyam*  
Vice Chancellor

PHOTO COPY

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1796622



H.T No.: **1203PH1532**

*Ms. Nagini Yarramselby*

*D/o. Y S N Murthy*

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

*Doctor of Philosophy*  
*Mechanical Engineering*

Topic: "Investigations on Performance of Four Stroke Copper Coated Spark Ignition Engine With Gasohol".

Given under the Seal of the University

Date: 18-03-2023

*K. Venkateswara Rao*



REGISTRAR



41114110800

*Ms. Nagini Yarramselby*

VICE-CHANCELLOR

DIRECTOR OF EXAMINATIONS

PC No  
322021097