



Code No. 00074 S.No. 479314

**பாரதிதாசன் பல்கலைக்கழகம்**  
**BHARATHIDASAN UNIVERSITY**

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2f and 12B of UGC Act;  
Member, Association of Indian Universities and Association of Commonwealth Universities; Accredited by NAAC with 'A' Grade)

**பொறியியல் - தொழில்நுட்பவியல் புலம்**  
**FACULTY OF ENGINEERING AND TECHNOLOGY**

**பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஆகஸ்டு 2009**

ஆம் ஆண்டு ந. கண்ணன் என்பவர்  
கணிப்பொறியியலும் பொறியியலும் பிரிவில் முனைவர் என்னும்  
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி  
முனைவர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக  
இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes  
known that **N. KANNAN** has been admitted  
to the Degree of **DOCTOR OF PHILOSOPHY**, in the subject  
**COMPUTER SCIENCE AND ENGINEERING**, having been  
certified by duly appointed Examiners to be qualified to receive  
the same in **AUGUST 2009**.

Thesis Title

"DESIGN OF VECTOR QUANTIZATION TECHNIQUES FOR TRANSFORM  
CODING OF IMAGES WITH ORTHOGONAL POLYNOMIALS"

Given under the seal of the University.

திருச்சிராப்பள்ளி  
Tiruchirappalli

நாள் :  
Dated : 27th November 2009

E 33225

ISSUED ON :

- 3 DEC 2009

பதிவாளர் Registrar

துணைவேந்தர் Vice-Chancellor

ANDHRA UNIVERSITY  
ఆంధ్ర విశ్వకళాపరిషత్



FACULTY OF ENGINEERING

*This is to certify that*

**China Appala Naidu R**

*has been duly admitted to the*

**Degree of Doctor of Philosophy**

*in* **Computer Science and Systems Engineering**

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

*qualified to receive the same in* **2015** *.*

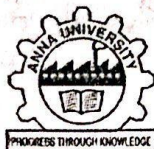
*Given under the Seal of the University*

Visakhapatnam, A.P., India.

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

  
Vice-Chancellor

# Anna University



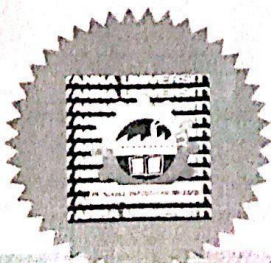
Reg.No. 10950621089/RG

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

*Title of the Thesis:*

**A TRUST BASED HYBRID ANT COLONY OPTIMIZED GRID SCHEDULING**

*Given under the Seal of the University*





# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: TAR014171

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

Name : RAGHU R

Registration Number : 1615499104

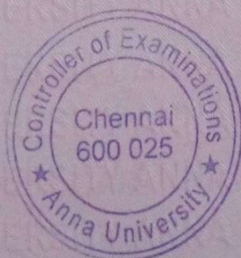
Degree : Ph.D.

Department/Centre/Subject : ELECTRONICS AND COMMUNICATION  
ENGINEERING

Faculty : INFORMATION AND COMMUNICATION  
ENGINEERING

Date, Month & Year of Viva-Voce Examination held : 18.11.2022

Title of the Thesis : AN ENHANCED ANT COLONY OPTIMIZATION  
WITH EFFICIENT ROUTING FOR OPTIMAL  
ROUTE SELECTION IN VEHICULAR AD-HOC  
NETWORKS



*P. Senthivel*

Controller of Examinations

Chennai - 600 025

Date: 02-DEC-2022



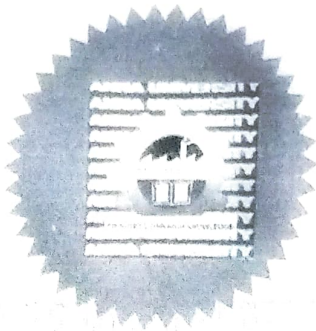
Reg. No. 2007A59102/RC

The Syndicate of the Anna University hereby makes known that **KANAGAVALLI R** 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:*

**SHOT SEGMENTATION AND VIDEO RETRIEVAL BASED ON MULTIPLE FEATURES**

*Given under the Seal of the University*



Chennai 600 025  
India  
November 2013

  
Controller of Examinations

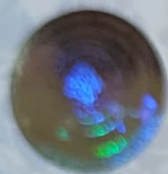
  
Registrar

  
Vice-Chancellor

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1361382



H.T No.: 0903PH0666

*Ms. Vanajaselin*

*D/o. Kanadikar S*

having fulfilled the academic requirements in *November - 2018*

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

*Doctor of Philosophy*

*Computer Science And Engineering*

Topic: \*Enhancement of Person Identification Using Iris Patterns\*.

Given under the Seal of the University

Date: 26-04-2019



*Uppama*

DIRECTOR OF EVALUATION

*Asaias P*

REGISTRAR

*Aleena*

VICE CHANCELLOR



481416727

PG No  
1140R1128



*This is to certify that*  
**K. M. Ravikumar**  
*has been conferred the Degree of*  
**Doctor of Philosophy**

*in*

**Faculty of Electrical & Electronics Engineering Sciences**

*for the thesis entitled*

**Analysis of Stuttered Speech for Objective  
Assessment of Early Stuttering**

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

Given under the seal of the University

PH 000310

USN : 1NT04PEM01



VICE CHANCELLOR

BELGAUM

DATE : APRIL 18, 2011



*This is to certify that*

*Manju Devi*

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

Faculty of Electrical and Electronics Engineering Sciences

*for the thesis entitled*

Novel Design and Performance Analysis of High Speed and  
Low Power Pipeline ADC

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

Given under the seal of the University



VICE CHANCELLOR

000568

SN: 4PS06PEN02

BELGAUM  
DATE

MAY 27, 2016





BANARAS HINDU UNIVERSITY  
Doctor of Philosophy

This is to certify that

Ms. Preeti Saxena

has been admitted to the degree of Doctor of Philosophy  
in the Subject

Applied Physics

of the Banaras Hindu University in the year 1998.

शब्दनाम/Title of the Thesis

"A Study of Lightwave Propagation through Fiber-Like Waveguides with  
Various Types of Symmetrical and Tapered Cross-Sectional Shapes  
of the Core"

वारणसी-VARANASI

दिनांक-DATE March 17, 1999

कुलपति:/कुलपति/VICE-CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

A CHRISPIN JIJI

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

*for the thesis entitled*

AN UNDERWATER IMAGING SYSTEM USING OPTICAL SIMULATION  
PLATFORM AND THEIR PROCESSING THEREOF

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

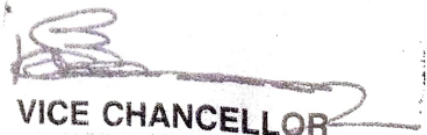
PH 000792 Given under the seal of the University  
19

USN: 10X15PEJ08



BELAGAVI

DATE : APRIL 03, 2021

  
VICE CHANCELLOR

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

CC 067178

H.T.No:13PH0420

Aadhaar No:974002297267



*R Bhargava Rama Gowd*

*No. R Yellappa Gowd*

*&*

*R Sarithamma*

*having fulfilled the academic requirements in February, 2021 has this day*

*been admitted by the Executive Council to the Degree of*

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

**(Electronics & Communication Engineering)**

for the Thesis entitled,

**"DEVELOPMENT OF OPTIMIZED ROUTING AND RESTORATION ALGORITHMS FOR IMPROVING QoS IN OPTICAL NETWORKS FOR MULTIMEDIA APPLICATIONS"**

**Date of Viva Voce : 18.02.2021 Given under the Seal of the University**

**Saturday, 24 April, 2021.**



**DIRECTOR OF EVALUATION**

**REGISTRAR**

**VICE CHANCELLOR**

A64252

Regd. No. : 1260412420



GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



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

**FACULTY OF ENGINEERING**

This is to certify that

**Srilatha Boddu**

has been duly admitted to the degree

of

**Doctor of Philosophy**

in

**Electronics and Communication Engineering**

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

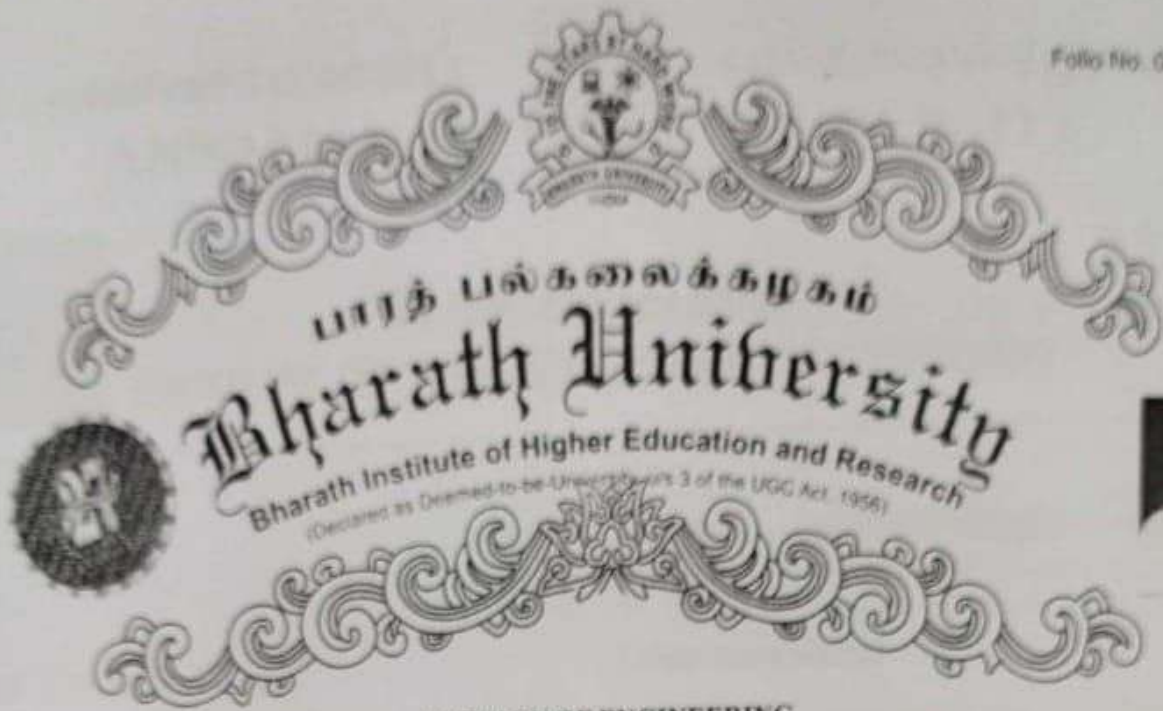
to receive the degree in **February, 2019**

Given under the seal of GITAM



Visakhapatnam  
09th November, 2019

*[Signature]*  
Vice Chancellor



FACULTY OF ENGINEERING

The Board of Management of the Bharath University hereby makes known that BHARATH V S born on 29-Jun-1976 has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ELECTRICAL ENGINEERING, he/she having satisfactorily completed the prescribed programme of study and having been certified by duly appointed examiners to have qualified to receive the same at the Examination held on SEPTEMBER 2015 with Registration Number D11EE004

**Thesis Title :**

Declining Multi Inverter based total Harmonic distribution with the aid of Hybrid Optimization Technique.



Given under the Seal of the University.

DATE  
173, Agaram Road,  
Chennai-600 073  
Tamil Nadu

Dr. M. PREMJEYAKUMAR  
B.Sc., B.Tech., M.E., Ph.D.

*M. Premjeyakumar*  
CONTROLLER OF  
EXAMINATIONS

Dr. V. KANAGASABAI  
M.D., MBA (Hrnp. Admin.)

*V. Kanagasabai*  
REGISTRAR

Dr. M. PONNAVAIKKC  
B.E., M.Sc.(Engg.), Ph.D.

*M. Ponnaivaikk*  
VICE-CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

SOMESWARI T

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

*for the thesis entitled*

DEVELOPMENT OF ALGORITHM FOR PERFORMANCE OPTIMIZATION  
OF FUZZY SLIDING MODE CONTROL FOR NAVIGATION SYSTEM

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

PH  
19 001557

Given under the seal of the University

USN: 10X15PEJ07



BELAGAVI

DATE : MARCH 10, 2022

VICE CHANCELLOR

No. 381143



அண்ணாமலைப் பல்கலைக்கழகம்  
ANNAMALAI UNIVERSITY



பொறியியற்புலம்  
FACULTY OF ENGINEERING & TECHNOLOGY

நவம்பர், 2020 இல்

மின் பொறியியல்

பிரிவில் நடத்திய தேர்வுகளில்

தேவி விக்னேஷ்வரி பா

தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி, ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இதன்வழி அறிவிக்கின்றது.

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known that DEVI VIGNESHWARI B has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ELECTRICAL ENGINEERING he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in NOVEMBER, 2020.

TITLE OF THE THESIS

"COMPUTATIONAL CLASSIFICATION MODEL FOR POWER QUALITY EVENT DETECTION"

பல்கலைக்கழக முத்திரை பெறுகின்றது  
Given under the seal of the University



அண்ணாமலைநகர்  
Annamalainagar

நாள்:  
Dated: 18/04/2022

Dr. K. Seetharaman  
பதிவாளர் (பொறுப்பு)  
Registrar (i/c)

Dr. R.M. Kathiresan  
துணை வேந்தர்  
Vice-Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

**MADHU SUDANA REDDY G**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Mechanical Engineering Sciences*

*for the thesis entitled*

*Development of Plasma Sprayed Cermets Coatings in Improving  
Resistance to Hot Corrosion and Erosion of Gas Turbine Alloys*

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

PH 19 000131

Given under the seal of the University

USN: 10X12PMN02



BELAGAVI

DATE : Feb 08, 2020

VICE CHANCELLOR





ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ,  
*We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor,*  
ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟ್‌ನ ಸದಸ್ಯರಾದ ನಾವು  
*the members of the Academic Council and the Syndicate*

**Certify that**  
**RAJU B R**

ಇವರು ಪರೀಕ್ಷಕರಿಂದ ಪರೀಕ್ಷಿಸಲ್ಪಟ್ಟು, ಪರೀಕ್ಷಕರ ಮಂಡಳಿಯ ಶಿಫಾರಸ್ಸಿನಂತೆ  
*on the recommendation of the Board of Examiners, admitted to the Degree of*

**ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ**  
(ಮೆಕ್ಯಾನಿಕಲ್ ಇಂಜಿನಿಯರಿಂಗ್)

**Doctor of Philosophy**  
(Mechanical Engineering)

ಪದವಿಗೆ ಅರ್ಹರಾಗಿರುತ್ತಾರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ  
*in recognition of the fulfilment of requirements*  
ಇಪ್ಪತ್ತನಾಲ್ಕನೇ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ಸದರಿ ಪದವಿಗೆ ಇವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ.  
*for the said Degree at the TWENTY FOURTH CONVOCATION*

ಅಧಿಸೂಚನೆ ದಿನಾಂಕ / Date of Notification : 12 - 03 - 2014

ಘಟಿಕೋತ್ಸವ ದಿನಾಂಕ / Date of Convocation : 19 - 03 - 2014

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮೊಹರಿನೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ.  
*Given under the seal of the University.*



Jnana Sahyadri - Shankaraghatta

ಕ್ರಮ ಸಂಖ್ಯೆ / SI.No. : KU15076

Date of Issue : 19 - 03 - 2014

KUS

ಕುಲಪತಿ

Vice-Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

VIDYADHAR PUJAR

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF MECHANICAL ENGINEERING SCIENCES

*for the thesis entitled*

DEVELOPMENT AND CHARACTERIZATION OF ARTIFICIAL AGED  
AL2218 BORON CARBIDE NANO COMPOSITE IN IMPROVING THE  
MECHANICAL AND TRIBOLOGICAL PROPERTIES FOR THE HIGH  
TEMPERATURE APPLICATIONS

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

PH  
19 001292

Given under the seal of the University

USN: 1DB13PMN01



BELAGAVI

DATE :

APRIL 03, 2021

VICE CHANCELLOR

0002435

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ

A56-P1-119



# Bangalore University



NAAC "A" Grade

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ

*We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor*

*ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ್ ಮತ್ತು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತಿನ ಸದಸ್ಯರಾದ ನಾವು*

*the members of the Syndicate & Academic Council*

**Certify that**

**Ravi Prakash M**

ಅವರು

ಯಥಾಯೋಗ್ಯವಾಗಿ ಈಗಾಗಲೇ ಪ್ರವೇಶ ಪಡೆದಿರುವರೆಂದು ದೃಢೀಕರಿಸುತ್ತಾ

*has been duly admitted to the Degree of*

**ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ**

**Doctor of Philosophy**

**Faculty of Engineering - Mechanical Engineering**

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನುಳ್ಳವರೆಂದು ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ

*in recognition of the fulfilment of requirements*

ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ. ಈ ಪದವಿಯ ವಿವರಗಳು ಹೀಗಿವೆ

*for the said degree as indicated below*

ಪದವಿಯನ್ನು ನೀಡಿದ ವರ್ಷ.

**2020**

*Year of Award :*

ಸಂಶೋಧನಾ ಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ :

**"Synthesis Characterization and properties of  
Uncoated and Nickel Coated B<sub>4</sub>C Particulate  
Reinforced AL7020 Alloy Composites"**

*Title of the Thesis :*

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರ ಮುದ್ರೆಯೊಡನೆ ನೀಡಲಾಗಿದೆ

*Given under the seal of the University*

ಬೆಂಗಳೂರು

*Bangalore :*

ದಿನಾಂಕ

**08/04/2022**

*Date :*

ಕುಲಪತಿ

*Vice-Chancellor*

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

PRASAD H NAYAK

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF MECHANICAL ENGINEERING SCIENCES

*for the thesis entitled*

INVESTIGATIONS OF MECHANICAL AND TRIBOLOGICAL PROPERTIES  
ON Cu-ZrO<sub>2</sub> COMPOSITES FOR BEARING MATERIALS

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

PH  
19 001410

Given under the seal of the University

USN: 5VX15PMJ25



BELAGAVI

DATE : MARCH 10, 2022

A handwritten signature in green ink is written over the name of the Vice Chancellor.

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM  
KARNATAKA, INDIA



*This is to certify that*

**Malleshaiah T S**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

Faculty of Civil Engineering Sciences

*for the thesis entitled*

**Analysis of fluoride concentration in ground water in  
Madhugiri, Pavagada and Koratagere Taluqs of Tumkur  
District, Karnataka State, India, and reduction of fluoride**

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

PH  
13 001112


Given under the seal of the University

USN: 1BM08PCN01



BELGAUM

DATE : January 09, 2018

  
VICE CHANCELLOR

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ  
KARNATAK UNIVERSITY



DHARWAD



KUD31804

100

ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು

*We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the Syndicate and Academic Council of the Karnatak University certify that*

ಗೋಲಾವಿ ಕಾಂಚನಗೌರಿ ದಿನನಾಥ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಮೇ

2009

ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

GOSAVI KANCHANAGOURI DINANATH

*for having qualified for the Degree in*

*May*

*2009*

*the Degree of*

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಭೂಗರ್ಭಶಾಸ್ತ್ರ

**Doctor of Philosophy**

GEOLOGY

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಹತ್ತನೆಯ ಫೆಬ್ರವರಿ

ಎಂಟ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

*has been conferred on him/ her at Dharwad, on the eighth day of the month of February in the year Two thousand ten.*

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

*In Testimony whereof are set the Seal of the said University and the Signature of the said Vice-Chancellor.*



ಕುಲಪತಿ Vice-Chancellor

A36-P2-70

ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ  
Bangalore University  
certifies that

*K. Amarnath*..... ಅವರು  
ಯಥಾಯೋಗ್ಯವಾಗಿ ಈಗಾಗಲೇ ಪ್ರವೇಶ ಪಡೆದಿರುವರೆಂದು ಧೃಢೀಕರಿಸುತ್ತಾ  
*has been duly admitted to the Degree of*

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

Doctor of Philosophy

(Faculty Of Engineering - Civil)

ಪದವಿಗೆ ಅಗತ್ಯವಾದ ಅರ್ಹತೆಗಳನ್ನು ಪೂರೈಸಿ ಪರಿಗಣಿತವಾಗಿರುವ ಕಾರಣ  
*in recognition of the fulfilment of requirements*  
ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಗೆ ಅವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ. ಆ ಪದವಿಯ ವಿವರಗಳು ಹೀಗಿವೆ :  
*for the said degree as follows :*

ಪದವಿಯನ್ನು ನೀಡಿದ ವರ್ಷ.....2000  
*Year of Acceptance :*

ಸಂಶೋಧನಾ ಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ....."Strength & Deformation  
*Title of the Thesis behaviours of restrained/  
partially restrained flat plate  
slabs"*

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರ ಮುದ್ರೆಯೊಡನೆ ನೀಡಲಾಗಿದೆ  
*Given under the seal of the University*



ಬೆಂಗಳೂರು  
Bangalore

ದಿನಾಂಕ  
Dated 19.12.2000

K. S. S.  
ಕುಲಸಚಿವ  
Vice-Chancellor



# Kuvempu University

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಕಾರಿ, ಸಹಕುಲಾಧಿಕಾರಿ, ಕುಲಸಚಿವರಾದ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಸದಸ್ಯರಾದ  
ಬಿ. ಕೆ. ಮಂಜುನಾಥ್  
2003 ನೇ ವರ್ಷದಲ್ಲಿ ಪರೀಕ್ಷಕರಿಂದ ಪರಿಷ್ಕರಿಸಲ್ಪಟ್ಟು..... ಪಿಹೆಚ್.ಡಿ.

ಪದವಿಗಾಗಿ ಅರ್ಜಿಹಾಕಿರುವುದರಿಂದ ಪ್ರಮಾಣೀಕರಿಸುವುದರಿಂದ ದಿನಾಂಕ 27-03-2004 ರಂದು ನಡೆದ  
ಹದಿನಾಲ್ಕನೇ ವಾರ್ಷಿಕ ಸಭೆಯಲ್ಲಿ ಇವರನ್ನು

**ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ**  
(ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ)

ಪದವಿಗೆ ಅಂಗೀಕರಿಸಲಾಗಿದೆ.

We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor, the members of the Academic Council and Syndicate of Kuvempu University, certify that, on the recommendation of the Board of Examiners,

**B. K. Manjunath**

Sri / Smt.....  
has been admitted to the degree of

**DOCTOR OF PHILOSOPHY**  
( BIO-TECHNOLOGY )

at the Fourteenth Convocation held on 27-3-2004

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಮೊಹರಿನೊಂದಿಗೆ ನೀಡಿದೆ.  
*Given under the Seal of the University*

ಜ್ಞಾನಾಸಹ್ಯಾದ್ರಿ - ಶಂಕರಗಠಟ್ಟು  
Jnana Sahyadri - Shankaraghatta  
Pin Code : 577 451  
ಕರ್ನಾಟಕ - Karnataka  
ಭಾರತ - India  
ದಿನಾಂಕ - Date : 27 MAR 2004



*B. K. Manjunath*  
Vice-Chancellor

SL. No. : N° 000166

*B. K. Manjunath*  
**Dr. B. K. Manjunath, M.S., Ph.D.**  
Professor  
Department of Bio-Technology  
The Oxford College of Engineering  
Bommanahalli, Hosur Road,



Centre Code : 1

Reg.No. 015843-26.0-2010



Code no. 4C91D : S.No.



# பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

(Accredited with A+ Grade by NAAC in the Third Cycle)  
(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2(f) and 12(B) of UGC Act;  
Member, Association of Indian Universities and Association of Commonwealth Universities)

## அறிவியல் புலம் FACULTY OF SCIENCE

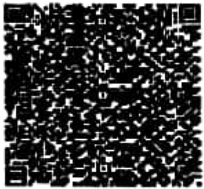
பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு செப்டம்பர் 2019  
ஆம் ஆண்டு வளர்மதி க என்பவர்  
உயிர்நுட்பவியல் பிரிவில் முனைவர்  
என்னும் பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள்  
சான்றளித்தபடி முனைவர் என்னும் பட்டத்தை அவருக்குப்  
பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** hereby makes  
known that **VALARMATHY K** has been admitted  
to the Degree of **DOCTOR OF PHILOSOPHY,** in the subject  
**BIOTECHNOLOGY,** having been certified  
by duly appointed Examiners to be qualified to receive  
the same in **SEPTEMBER 2019.**

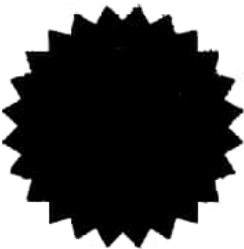
Place of Study : GOVERNMENT ARTS COLLEGE ARIYALUR.

### Title of the Thesis

"THE ROLE OF FUNGI & BACTERIA ON THE ORGANIC MATTER  
DECOMPOSITION PROCESS IN STREAMS"



Given under the seal of the University.



திருச்சிராப்பள்ளி  
Tiruchirappalli

நாள் : 1st October 2019  
Date :

ISSUED ON : 01-10-2019

*P. Manisankar*  
பதிவாளர் Registrar

*P. Manisankar*  
தலைவரேந்தர் Vice - Chancellor

O 001795





# National Institute of Technology Tiruchirappalli

*hereby confers the degree of*

*Doctor of Philosophy*

*of the institute*

*on*

**INDULEKHA JOHN**

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

**Second Generation Bioethanol Production  
from Sweet Lime Peel Waste**



*Given this day the twenty-seventh of July 2019*

*Under the seal of the Institute*



TIRUCHIRAPPALLI - 620 015, INDIA

*A. Srinivasan*  
Registrar

*K. Srinivasan*  
Director & Chairperson,  
Board of Governors

|             |            |
|-------------|------------|
| Checked by  | <i>dom</i> |
| Verified by | M. Malte   |





# VIT

Vellore Institute of Technology

Chennai - 600 127, Tamil Nadu, India

Sl.No.: 112620

Register No. 12PHD0303

## PROVISIONAL CERTIFICATE



This is to certify that NATHIYA T

has qualified for the degree of DOCTOR OF PHILOSOPHY

he / she having passed the above Degree Examination held in 23-Sep-2021

as follows :

School : School of Bio Sciences and Technology

Thesis Title : BIO-SYNTHESIS OF REDUCED GRAPHENE OXIDE  
NANOSHEETS AND ITS POTENTIAL BIOMEDICAL  
APPLICATIONS

DATE : 20-Oct-2021

VELLORE INSTITUTE OF TECHNOLOGY  
VELLORE - 632 014, TAMIL NADU, INDIA.

CONTROLLER OF EXAMINATIONS

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ

001105

KARNATAK UNIVERSITY



DHARWAD



01105

ವಾವು ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಕಾರಿ, ಸಹಕುಲಾಧಿಕಾರಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ್ ಮತ್ತು ಅಧ್ಯಾಪನಿಕ ಮಂಡಳಿಯ ಸದಸ್ಯರು  
We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the  
Syndicate and Academic Council of the Karnatak University certify that

ಗಂಗಾಧರ ಗೌರಿಪುರ

ಇವರು ಸಂಬಂಧಿಸಿದ ವಿದ್ಯಾರ್ಥಿ

ಜೂನ್

೨೦೧೮

ರಲ್ಲಿ

ಅರ್ಜಿಯನ್ನು ಸಲ್ಲಿಸಿ

GANGADHAR GOURIPUR

for having qualified for the Degree in June 2018

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ  
ಪ್ರವಚನಶಾಸ್ತ್ರ

Doctor of Philosophy

BIO-TECHNOLOGY

ವಿದ್ಯಾರ್ಥಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡದಲ್ಲಿ ಎರಡು ಸಾವಿರದ ಹತ್ತಿಂಟುತ್ಸನೆಯ ಫೆಬ್ರವರಿ

ನಾಲ್ಕು ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

has been conferred on him / her at Dharwad, on the Fourth day  
of the month of February in the year Two thousand nineteen

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

In Testimony, whereof are set the Seal of said University and the Signature  
of the said Vice-Chancellor.

P.G. Degree : Bio - Technology

Thesis Title : "Studies on Isolation and Molecular Characterization of  $\beta$ -glucosidase from  
Lactic Acid Bacteria"

ಕುಲಪತಿ Vice-Chancellor

2018/AR/P/142



# VIT

Vellore Institute of Technology

Chennai - 600 127, Tamil Nadu, India

Sl.No.: 112620

Register No. 12PHD0303

## PROVISIONAL CERTIFICATE



This is to certify that NATHIYA T

has qualified for the degree of DOCTOR OF PHILOSOPHY

he / she having passed the above Degree Examination held in 23-Sep-2021

as follows :

School : School of Bio Sciences and Technology

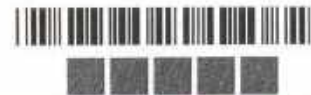
Thesis Title : BIO-SYNTHESIS OF REDUCED GRAPHENE OXIDE  
NANOSHEETS AND ITS POTENTIAL BIOMEDICAL  
APPLICATIONS

DATE : 20-Oct-2021

VELLORE INSTITUTE OF TECHNOLOGY  
VELLORE - 632 014, TAMIL NADU, INDIA.

CONTROLLER OF EXAMINATIONS

Sl. No. 01256



# Sri Krishnadevaraya University



Faculty of Science

Reg. No. 13B513118

Sri Krishnadevaraya University hereby confers the Degree of

*Doctor of Philosophy*

on *Bindhu Madhavi Prathipati*

Son / Daughter of *Venkateswara Rao P*

in recognition for his/ her research work on

*"A Performance Analysis on Localization Framework of Wireless Sensor Networks with a Shared & Discriminated TARDV Hop Method"*

in the Department of *Computer Science & Technology*

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

*03-08-2016*

Given under the seal of the University



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

Dated : **15 SEP 2016**

*H. M. ...*  
Vice-Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

MANJULA C

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

*for the thesis entitled*

FPGA BASED SCALABLE DIGITAL AUTOMATED TESTING SYSTEMS  
FOR PROCESSORS

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

PH 001546  
19

Given under the seal of the University

USN: IJS13PEN01



BELAGAVI

DATE : MARCH 10, 2022

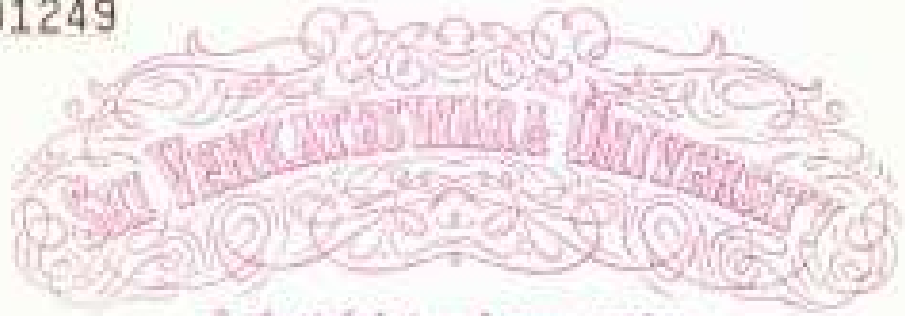
  
VICE CHANCELLOR



ISSN

001249

PT



శ్రీ వేంకటేశ్వర విశ్వవిద్యాలయం

సాకల్య ఆన్ మేనేజ్మెంట్ స్టడీస్  
Faculty of Management Studies

కె తారక రామిరెడ్డి

కె మోహన్ రెడ్డి గారి కుమారుడు కు  
ఈ విశ్వవిద్యాలయం నుండి క్రమం తప్పకుండా నూనొందిన విధంగా అతను పట్టాకు  
వర్తకించిన పరీక్షలో ఉత్తీర్ణత పొందినందుకు

డాక్టర్ ఆఫ్ ఫిలాసఫి

పట్టా ప్రధానానికి అర్హత పొందినట్లు ధృవీకరించబడింది.

*This is to certify that*

*K. Tharaka Ramireddy*

*Son of K. Mohan 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 therefor as hereunder:*

DEPARTMENT OF STUDY : MANAGEMENT STUDIES

SUBJECT OF THE THESIS : "Marketing Practices in Service Industry."

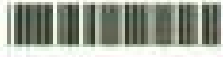
YEAR : 2010

విశ్వవిద్యాలయ అధికారి నుండి ఇవ్వబడినది.  
*Given under the authority of the University*



తిరుపతి / Tirupati

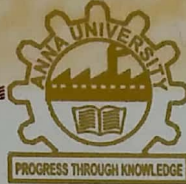
తేదీ / Date : 27<sup>th</sup> October, 2010



MR

విశ్వవిద్యాలయం  
Vice-Chancellor

# Anna University



Reg.No. 2010S7012006/RG

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

*Title of the Thesis:*

**A STUDY ON EFFECTIVENESS OF PERFORMANCE APPRAISAL SYSTEM IN SMALL AND MEDIUM SCALE ENTERPRISES (SMEs) IN TIRUCHIRAPALLI-DISTRICT, TAMIL NADU**

*Given under the Seal of the University*

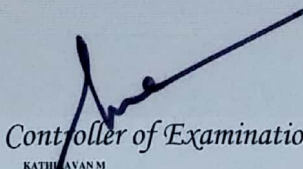


Chennai 600 025

India

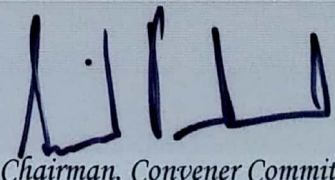
May 2017

NAR018022

  
Controller of Examinations

KATHIRAVAN M

  
Registrar

  
Chairman, Convener Committee

Vice-Chancellor

3CEN35F0A179D73C14E0B8A2774A36



பாரதியார் பல்கலைக்கழகம்

BHARATHIAR UNIVERSITY

சமூக அறிவியல் புலம்

FACULTY OF SOCIAL SCIENCES

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு சஹானா ஏ. 2023ஆம் ஆண்டு ஏப்ரல் 5ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that SAHANA A has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 5th APRIL 2023.

Title of the Thesis : Competency Framework for Business School Faculty - An Empirical Investigation in Bengaluru

Subject : MANAGEMENT

Given under the seal of the University



*N. P. S.*

தேர்வாளையர் (Quar)

Controller of Examinations i/c

*K. V. S.*

பதிவாளர் (Quar)

Registrar i/c



கொயம்புத்தூர்

Coimbatore

நாள்

Dated: 24<sup>th</sup> August 2023.

alph1407

*M.*

முகாமின்மதுரைக்காரர்

for Vice-Chancellor



*This is to certify that*

HARISH N

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF MANAGEMENT

*for the thesis entitled*

INVESTMENT BEHAVIOUR OF IT PROFESSIONALS TOWARDS CAPITAL  
MARKET IN BENGALURU CITY

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

PH  
23 00168

Given under the seal of the University

USN: 1EW16PBJ02



BELAGAVI

DATE : FEBRUARY 24, 2023

VICE CHANCELLOR

SL.No. 20220048

క్రమ సంఖ్య



Register No.

రిజిస్టర్ నెం.

PP.MAN.0368



# RAYALASEEMA UNIVERSITY



## రాయలసీమ విశ్వవిద్యాలయము

FACULTY OF HUMANITIES & SOCIAL SCIENCES

ఫ్యాకల్టీ ఆఫ్ హ్యూమానిటీస్ & సోషల్ సైన్సెస్

Royalaseema University hereby confers the Degree of

రాయలసీమ విశ్వవిద్యాలయం ఇందుమూలంగా పట్టా ప్రధానంచేస్తూ

### DOCTOR OF PHILOSOPHY

M VENKATA LAKSHMI SUNEETHA

on \_\_\_\_\_

M V SUBRAHMANYAM

Son / Daughter of \_\_\_\_\_ కుమారుడు/కుమార్తె

"AM EMPIRICAL STUDY ON BSE LISTED IT COMPANIES IN

in recognition of his / her research work on \_\_\_\_\_  
INDIA"

అనే అంశంపై అతడు / ఆమె కొనసాగించిన పరిశోధనకు గుర్తింపుగా

In the Department of \_\_\_\_\_ MANAGEMENT విభాగంలో

He / She having been found duly qualified for the same in \_\_\_\_\_ 21-06-2023

అతడు / ఆమె తగిన అర్హత సాధించినట్లుగా ప్రకటించబడినది.

Aadhar No.:

ఆధార్ సంఖ్య :

Given under the Seal of the University  
విశ్వవిద్యాలయ అధికారముగ్రాంతో జారీచేయబడినది.

Kurnool - 518 007, A.P., India  
కర్నూలు - 518 007, ఆంధ్రప్రదేశ్, భారతదేశము

Date :

తేది :

29-08-2023



Vice-Chancellor

ఉపకులపతి

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

V BHEEMESWARA REDDY

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

FACULTY OF MANAGEMENT

*for the thesis entitled*

A STUDY ON RISK-RETURN ANALYSIS OF SELECTED EQUITY  
STOCKS LISTED IN BSE

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

PH  
23 01224

Given under the seal of the University

USN: 1HK15PBJ02

Date of Viva Voce : 23-Mar-2023



BELAGAVI

DATE : AUGUST 01, 2023

VICE CHANCELLOR



Call No. 012889 (U) No. 13799

# பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

(Established by the Government of Tamil Nadu in 1962, Recognized by UGC under 21 and 23B of UGC Act, Member, Association of Indian Universities and Association of Commonwealth Universities, Accredited by NAAC with 'A' Grade)

## அறிவியல் புலம் FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக்குழு ஜூன் 2010

|                               |             |          |
|-------------------------------|-------------|----------|
| ஆம் ஆண்டு                     | மெ.ச. ஷசிதா | என்பவர்  |
| கணிப்பொறியியல்                | பிரிவில்    | முனைவர்  |
| மட்டத்திற்குத் தகுதி பெற்றவர் | என்று       | தலை      |
| முனைவர்                       | என்றும்     | மட்டத்தை |
| இவர்களைப்பற்றிய வழங்குநிலை    |             |          |

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that M.S. SHASHIDHARA has been admitted to the Degree of DOCTOR OF PHILOSOPHY in the subject COMPUTER SCIENCE having been certified by duly appointed (Examiner) to be qualified to receive the same in JUNE 2010.

Thesis Title

"A STUDY ON ARTIFICIAL NEURAL NETWORK MODELS AND THEIR APPLICATIONS TO DISEASE PREDICTIONS"



Given under the seal of the University.

திருச்சிரப்பள்ளி  
Tiruchirappalli

மேல் : 12th November 2010  
Dated :

F 012889 ISSUED ON: 12 NOV 2010

Registrar

Vice-Chancellor



*This is to certify that*

**E SELVI**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Applied Sciences (MCA)*

*for the thesis entitled*

*Development and Implementation for Malicious Node  
Detection and Secure Routing in Mobile Adhoc Network*

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

PH  
19 000246

Given under the seal of the University

USN: 10X11PEN01



BELAGAVI

DATE : Feb 08, 2020

VICE CHANCELLOR



JUC  
100145

**JAIN**

DECLARED AS DEEMED-TO-BE UNIVERSITY U-3 OF THE UGC Act, 1956  
vide MHRD Notification No. F.8-57/2007-03(A)



**जैन**

प्रमाणित एवं विश्वविद्यालय



*We, the Chancellor, Vice Chancellor,  
Members of the Board of Management &  
Academic Council certify that*

**Puja Shashi**

*having been examined in June-2020  
with Reg. No. 131PPCS002  
has been conferred with the Degree of*

**DOCTOR OF PHILOSOPHY**

*in Computer Science*

*by Jain (Deemed-to-be University), Bengaluru  
on the 23<sup>rd</sup> day of the month of January 2021.  
In Testimony whereof are set the seal of the  
said University and the signature of the  
said Vice Chancellor*



हम, कुलाधिपति, कुलपति, प्रबन्धन  
समिति एवं शैक्षिक परिषद् के सदस्य  
प्रमाणित करते हैं कि

**पूजा शशि**

जिनकी पंजीयन संख्या 131PPCS002 है,  
जून - २०२० के परीक्षोपरांत

**पीएच. डी.**

**संगणक विज्ञान**

की उपाधि में उत्तीर्ण हुए।

जैन (अभिमत पाठ विश्वविद्यालय), बंगलूरु की ओर से  
दिनांक २३ जनवरी २०२१ को इन्हें यह उपाधि  
पदान की गई है, जिसके प्रमाण स्वरूप उक्त  
विश्वविद्यालय की मोहर एवं  
उक्त कुलपति के हस्ताक्षर अंकित हैं।

Date : 23.01.2021

Vice Chancellor

*Ray Sph.*



**कुलपति**

*राज सिंह*

# JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 500081



H.T No.: 0903PH1420

*Ms. Gangavathi P*  
*D/o. Parameswarappa*

having fulfilled the academic requirements in *June, 2014*

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

*Doctor of Philosophy*  
*Mathematics*

Topic : *Mathematical Model in Biology - Special Reference to Blood Flow*

Given under the Seal of the University

Date:04-09-2014



DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR



4500014161917

PC No  
7947830172

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ  
Gulbarga University



ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು  
ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

ಕಟ್ಟಿಮನಿ ಮಲ್ಲಿಕಾರ್ಜುನ ಬಸಣ್ಣಾ  
ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಜನವರಿ ೨೦೦೨ ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ  
(ಗಣಿತ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ ೨೦ನೇ ಜನವರಿ ಎರಡು ಸಾವಿರದ ಎರಡರಂದು ನೀಡಿದ್ದೇವೆ

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and the Members  
of the Academic Council and Syndicate of Gulbarga University certify that

**Kattimani Mallikarjun Basanna**

has been found duly qualified in January 2002 for the award of the  
degree of Doctor of Philosophy. Hence the degree of

**Doctor of Philosophy  
(Mathematics)**

has been conferred on him/her at Gulbarga on the 31st day of the month of January  
in the year Two Thousand Two.

In testimony whereof are set the seal of the said University and the  
signature of the Vice-Chancellor.

ಗುಲಬರ್ಗಾ  
Gulbarga

ದಿನಾಂಕ : ೩೧-೦೧-೨೦೦೨  
Date : 31-01-2002



*M. V. Basanna*  
ಕುಲಪತಿ  
Vice-Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI  
KARNATAKA, INDIA



*This is to certify that*

**HEMALATHA N C**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Applied Sciences (Mathematics)*

*for the thesis entitled*

*A Study on Roman Domination in Graphs*

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

PH 19 000094 Given under the seal of the University

USN: IOX11PGN01

BELAGAVI

DATE : Feb 08, 2020



A handwritten signature in green ink is written over the text "VICE CHANCELLOR".

VICE CHANCELLOR

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ

001596

KARNATAK



UNIVERSITY



01596

DHARWAD

ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು  
We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the  
Syndicate and Academic Council of the Karnatak University certify that  
ನಾಗಶ್ರೀ ನಾರಾಯಣ ಭಟ್ಟ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಮಾರ್ಚ್

೨೦೨೨

ರಲ್ಲಿ

ಆಹ್ವಾನದ ನಿಮಿತ್ತ ಇವರಿಗೆ

NAGASHREE NARAYAN BHAT

for having qualified for the Degree in March 2022

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ  
ಗಣಿತ

Doctor of Philosophy

MATHEMATICS

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಇಪ್ಪತ್ತೆರಡನೆಯ ಜೂನ್

ಏಳ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

has been conferred on him / her at Dharwad, on the Seventh day  
of the month of June in the year Two thousand twentytwo

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

In Testimony, whereof are set the Seal of said University and the Signature  
of the said Vice-Chancellor.

P.G. Degree : Mathematics

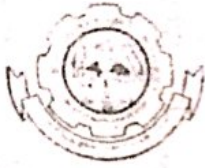
Thesis Title : "Recent Trends in General and Soft Topology"



ಕುಲಪತಿ Vice-Chancellor

2021/ART/ 74

Folio : D 03628



# BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

## Ph.D. PROVISIONAL CERTIFICATE

This is to certify that

**PALANIVEL K**

has qualified for

the award of the Degree of

**DOCTOR OF PHILOSOPHY**

of this University in

**MATHEMATICS**

on **01/11/2018**


after having

completed the requirements prescribed for the award of the Degree.

Coimbatore - 641 046

Date : **04 DEC 2018**



  
Controller of Examinations i/e

ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



Tumkur University

TUCA 06857

A12-S-P-0003

ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಹ ಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು, ಸಿಂಡಿಕೇಟ್ ಮತ್ತು  
ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತಿನ ಸದಸ್ಯರುಗಳಾದ ನಾವು

ಶಾಂತಲಾ ವಿ ಎಸ್

ಇವರು

ಭೌತಶಾಸ್ತ್ರ

ವಿಷಯದಲ್ಲಿ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ



ಪದವಿಗೆ, ಡಿಸೆಂಬರ್ 18ರಲ್ಲಿ ನಿರ್ದಿಷ್ಟ ಅರ್ಹತೆಯನ್ನು ಪಡೆದಿರುವರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ  
2019, ಫೆಬ್ರವರಿ ತಿಂಗಳ 27ನೆಯ ದಿನದಂದು ನಡೆದ 12ನೆಯ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ  
ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ನಿಕಾಯ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಪದವಿ ಪಡೆಯಲು ಅಂಗೀಕೃತರಾಗಿರುವರೆಂದು ಈ ಮೂಲಕ  
ದೃಢೀಕರಿಸುತ್ತೇವೆ.

*We, the Chancellor, the Pro Chancellor, the Vice Chancellor and members of the Syndicate and the  
Academic Council of Tumkur University do hereby make known that*

SHANTHALA V S

Has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

In

PHYSICS

*At the 12<sup>th</sup> Convocation held on the 27<sup>th</sup> day of February 2019 on being duly certified to have  
qualified for the same in the month of December 2018 for the thesis*

**“ SYNTHESIS, CHARACTERIZATION AND TRANSPORT STUDIES OF  
POLYPYRROLE AND NANO OXIDE COMPOSITES ”**

*In the Faculty of Science & Technology*

*ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಲಾಂಛನದೊಂದಿಗೆ ನೀಡಿದೆ.*

*Given Under the Seal of the University*

Tumkur

Sl. No. TUT\_1271

ಕುಲಪತಿ  
Vice Chancellor

ATAKING



CHILDREN'S EDUCATION SOCIETY (REGD.)

Administrative Office:

1<sup>st</sup> Phase JP Nagar, Bengaluru – 560 078

Q: 080-61754501 – 502 Fax: 080-2654 8658

## THE OXFORD COLLEGE OF ENGINEERING

(Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi & Approved by A.I.C.T.E. New Delhi, Accredited by NAAC & NBA New Delhi and Recognized by UGC Under Section 2(f))

Bommanahalli, Hosur Road, Bangalore –560068.

Q: 080 -61754601/602, Fax: 080 – 25730551 E-mail: [engprincipal@theoxford.edu](mailto:engprincipal@theoxford.edu) Web: [www.theoxford.edu](http://www.theoxford.edu)

No. TOCE/APPT/972/2022-23

Date: 16/06/2022

### APPOINTMENT ORDER

*Dr. Soundhirarajan P, a candidate selected to the post of Assistant Professor is appointed as Assistant Professor of Engineering Physics in The Oxford College of Engineering, Bengaluru with immediate effect in the AICTE pay scale of 15,600-39,100 plus the usual allowances as admissible from time to time fixing his basic pay at ₹.23,600/- the gross salary being ₹.35,000/- p.m. ( Thirty Five Thousand only) against the existing vacancy until further orders.*

*He is required to join the above post immediately and produce all the original academic testimonials and experience certificates etc.*

*He shall execute an Undertaking and Agreement to abide by the terms and conditions of service immediately.*

Venkata Lakshmi Narasimha Raju SN

President

To,

- 1) The Principal,  
The Oxford College of Engineering,
- 2) Dr. Soundhirarajan P  
Prakruthi Layout, Building No.42,  
2<sup>nd</sup> Floor, Doddathoguru, E-City,  
Phase -1, Bengaluru -560 100.





ನಾವು, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ಸಿಂಡಿಕೇಟ ಹಾಗೂ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸದಸ್ಯರು  
 We, the Chancellor, Pro-Chancellor, Vice-Chancellor, Members of the Syndicate  
 and Academic Council of the Karnatak University certify that

ಮಾವಳಂಗಿ ಸುರೇಖಾ ಕಲ್ಲಪ್ಪ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ

ಸೆಪ್ಟೆಂಬರ್

೨೦೦೨

ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

MAVALANGI SUREKHA KALLAPPA

for having qualified for the Degree in September 2002  
 the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ  
 ರಸಾಯನ ಶಾಸ್ತ್ರ  
**Doctor of Philosophy**  
 CHEMISTRY

ಪದವಿ ಪ್ರದಾನವನ್ನು ಧಾರವಾಡ ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಎರಡನೆಯ ಡಿಸೆಂಬರ್  
 ಹತ್ತ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

has been conferred on him/her at **Dharwad**, on the Tenth day  
 of the month of December in the year Two thousand Two.

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಯವರ ರುಜುಗಳಿಂದ ಇದನ್ನು  
 In testimony whereof are set the Seal of the said University and the Signature  
 of the said Vice-Chancellor.



M. [Signature]  
 ಕುಲಪತಿ Vice-Chancellor

# ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ



We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and the members of  
*Synodate and Academic Council of Mangalore University*  
do hereby make known that

ಹೆಚ್. ಎನ್. ಗಾಯತ್ರಿ ಅವರು  
H. N. GAYATHRI

has been admitted to the Degree of  
ಪದವಿಯ ಪಟ್ಟಾಂಶ ಮೇ ತಿಂಗಳಲ್ಲಿ ನಿರೀಕ್ಷಿಸಿ ಅರ್ಜಿಯನ್ನು ಪರಿಶೀಲಿಸಿ ಪೂರೈಸಿದವಳೆಂದು ಪ್ರಮಾಣೀಕರಿಸಲಾಗುವುದರಿಂದ

ಮತ್ತು ವಿಜ್ಞಾನದಲ್ಲಿ  
ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ  
DOCTOR OF PHILOSOPHY  
IN MATERIALS SCIENCE

ಪದವಿಯನ್ನು ಪರಿಷಯಿಸಿ ಅರ್ಹತೆಯಾಗುವುದರಿಂದ ಈ ಮೂಲಕ ಪ್ರಕಟಿಸುತ್ತೇನೆ  
on being duly certified to have qualified for the same in the  
month of May 2005

ಮಾನ್ಯವಾದ ಹೆಚ್  
Title of the thesis :

"SOME INVESTIGATIONS ON THE ELECTRO - CHEMICAL PROPERTIES  
OF MAGNESIUM AND SILICON CARBIDE COMPOSITE MATERIAL  
FOR AEROSPACE APPLICATIONS".

ಆಸ್ಪತ್ರೆಗೂ ಅನ್ವಯಿಸುವಂತೆ  
Given under the Seal of the University

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ  
MANGALORE CAMPUS, KANNARA BLDG. BDU  
ಉಪವಿಶ್ವವಿದ್ಯಾನಿಲಯ  
Date of Certification: 24<sup>th</sup> January 2005



B. H. ...  
VICE-CHANCELLOR

नामांक 00/00970  
Enrolment No.

# जय नारायण व्यास विश्वविद्यालय जोधपुर

(पूर्व जोधपुर विश्वविद्यालय)

प्रमाणित किया जाता है कि

(कुमारी) शिप्रा परमार

पुत्र/पुत्री श्रीमती प्रेमलता परमार

एवं श्री सज्जन सिंह परमार

ने इस विश्वविद्यालय से 2008 में

## डॉक्टर ऑफ फिलॉसॉफी

रसायन विज्ञान

की उपाधि प्राप्त की

शोध-प्रबन्ध का विषय निम्नलिखित था

SYNTHESIS AND BIOASSAY OF SOME NEW

BIOACTIVE HETEROCYCLIC COMPOUNDS

CONTAINING BENZIMIDAZOLE NUCLEUS

## JAI NARAIN VYAS UNIVERSITY JODHPUR

(ERSTWHILE UNIVERSITY OF JODHPUR)

This is to certify that

(Miss) SHIPRA PARMAR

Son/Daughter of Smt. PREMLATA PARMAR

and Shri. SAJJAN SINGH PARMAR

obtained the degree of

### DOCTOR OF PHILOSOPHY

CHEMISTRY


of this University in 2008

The topic of his/her research was

SYNTHESIS AND BIOASSAY OF SOME NEW

BIOACTIVE HETEROCYCLIC COMPOUNDS

CONTAINING BENZIMIDAZOLE NUCLEUS



Vice-Chancellor

वाइस-चान्सलर

Conferred by Senate on 10 MAR, 2010





*This is to certify that*

**PALLAVI SIDDHARAM GUNDAD**

*has been conferred the Degree of*

**Doctor of Philosophy**

*in*

*Faculty of Applied Sciences (Chemistry)*

*for the thesis entitled*

*Synthesis, Characterization And Applications Of Conjugated  
Polymer Composites*

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

PH  
13

001577

Given under the seal of the University

USN: 1RV10PGN05



BELGAUM  
DATE :

March 18, 2019

VICE CHANCELLOR



**REVA**  
UNIVERSITY

Bengaluru, India

*We, the Visitor, the Pro-Visitor, the Chancellor, the Vice-Chancellor,  
the Members of Board of Governors and the Academic Council of  
the University hereby certify that*

**USHA JINENDRA**

*has been duly admitted to the Degree of*

**Doctor of Philosophy**  
(Chemistry)

*in recognition of the fulfillment of the requirement*

*for the said degree in the year 2022.*

*Register No. : R16PCH03*

*Given under the seal of the University*



*Date: 09-11-2022*

*Place: Bengaluru*

*Jinendra*  
Vice-Chancellor



IN1160186225

