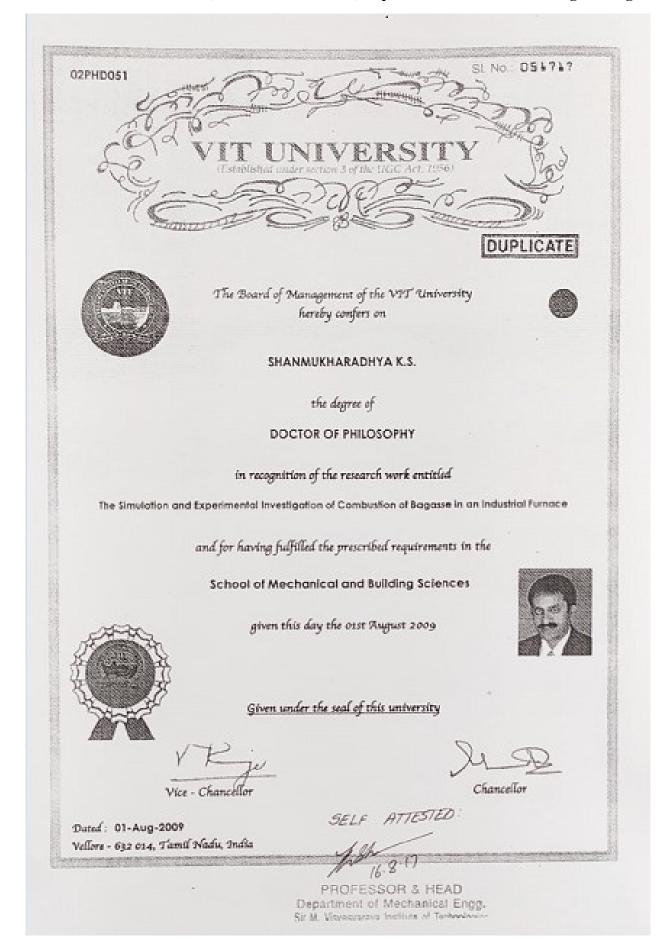
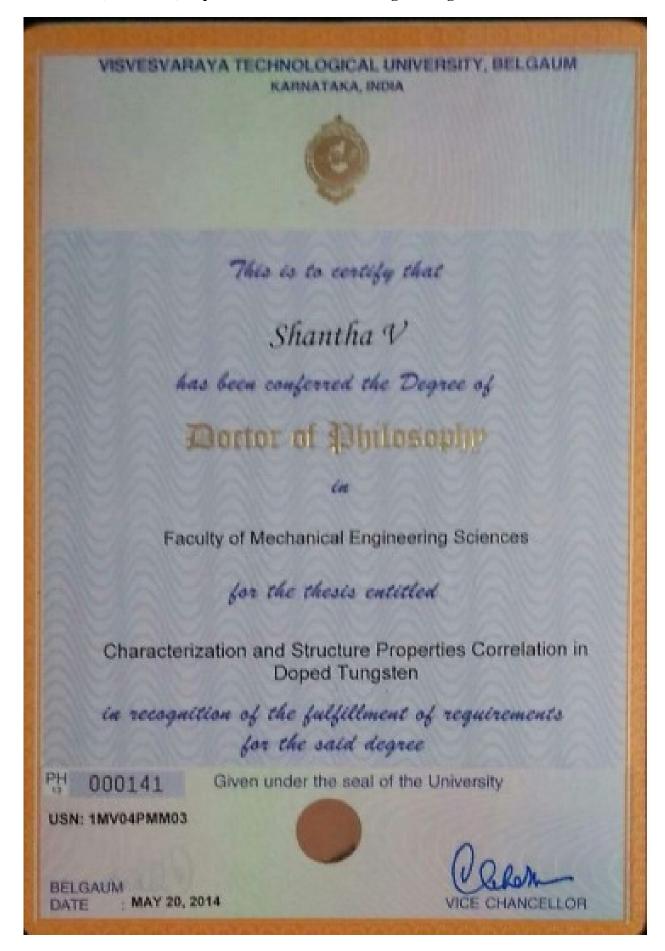
ESH S G,	, Professor & Principal, Department of Mechanical Engineering
	By the authority of the Board of Governors of the
	RLA INSTITUTE OF TECHNOLOGY
-	and upon recommendation of the Technical Council
	what agost recommended of
	S. G. RAKESH
	has been admitted to the Degree of
	DOCTOR OF PHILOSOPHY (Engineering)
	and is entitled to all rights and honours thereto appertaining.
Witness	the seal of the Institute and the signatures of its Officers
	this sixteenth day of March, two thousand ten.
	0 + 0
	PK Bula Vice Chancellor C.K. Bula
	Vice Chancellor Chairman

Registrar

Board of Gover ,

#### Dr. K S SHANMUKHARADHYA, Professor and HOD, Department of Mechanical Engineering





AWAHARIAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUL CC100188

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

H.T.No: 0803PH1551

Bala Kumar G

S1o Gangaiah G

having fulfilled the academic requirements in April, 2015 has this day been admitted by the Monitoring & Development Committee to the Degree of

Doctor of Philosophy

(Mechanical Engineering)

for the Thesis entitled, "DEVELOPMENT AND PROPERTY EVALUATION OF ALUMINUM ALLOY REINFORCED WITH NANO-ZrO2 METAL MATRIX COMPOSITES (NMMCs) FOR AUTOMOTIVE APPLICATIONS"

Sunday, 27 December, 2015...

Director of Evaluation

Given under the Seal of the University

Self alterted as

Vice Chancellor

#### Dr. JANARDHAN K, Associate Professor, Department of Mechanical Engineering



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



This is to certify that

KIRAN KUMAR M

has been conferred the Degree of

Poctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

Application of Response Surface Methodology for the Prediction of Performance, Combustion and Emission Characteristics in Spark Ignition Engine Using Ethanol-Gasoline Blends with Additives

in recognition of the fulfillment of requirements for the said degree

PH 000609

Given under the seal of the University

USN: IMVIJPMN01



**BELAGAVI** 

DATE

Feb 08, 2020

#### VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that

#### PRASHANT S H

has been conferred the Degree of

Poctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

Studies on Process Optimization of Solid State Welding of Aluminum-7075 and Steel Materials With Different Preheating Conditions

in recognition of the fulfillment of requirements for the said degree

PH 000346

Given under the seal of the University

USN: 1MV11PMN02

BELAGAVI

DATE :

Feb 08, 2020

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that

### HANAMANTYRAYGOUDA M B

has been conferred the Degree of

Poctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

Experimental Studies of forging Effect on Particulate Reinforced Al/SiC Metal Matrix Composites

in recognition of the fulfillment of requirements for the said degree

PH 000311

Given under the seal of the University

USN: 1JS12PMN02

0

BELAGAVI

DATE : Feb 08, 2020

### ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ ಕರ್ನಾಟಕ, ಭಾರತ



ಶ್ರೀ/ಶ್ರೀಮತಿ H S YESHVANTHA

ಇವರು

FACULTY OF MECHANICAL ENGINEERING SCIENCES

ವಿಭಾಗದಲ್ಲಿ

STUDIES ON MECHANICAL AND TRIBOLOGICAL PROPERTIES OF ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE (UHMWPE) COMPOSITES REINFORCED WITH NANO CERAMIC OXIDES

ಎಂಬ ಪ್ರಬಂಧವನ್ನು ಮಂಡಿಸಿದ್ದು

# ಡಾಕ್ಟರ್ ಆಫ಼್ ಫ಼ಿಲಾಸಫ಼ಿ

ಪದವಿಗೆ ಅಪೇಕ್ಷಿತವಾದ ಅಗತ್ಯಗಳನ್ನು ಪೂರೈಸಿದ್ದಾರೆಂದು ಪರಿಗಣಿಸಿ ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರಧಾನಮಾಡಲಾಗಿದೆ

PH 01037

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆಯೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ

USN: 1MV13PMN03

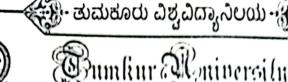
Date of Viva Voce: 10-Apr-2023

ಬೆಳಗಾವಿ

ದಿನಾಂಕ : AUGUST 01, 2023

Eldinas -

ಕುಲಪತಿ



ಹುದಾರೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕ್ರಾಲಂಧಿಪತಿಗಳು, ಸಹ ಕಾಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು, ಒಂತಕೇಡ ಮತ್ತು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತಿಗೆ ಸದಸ್ಯರುಗಳಾದ ನಾವು

### ಪ್ರಿಯಾಂಕ ಶರ್ಮ

ಇವರು

ನಿರ್ವಹಣಾಶಾಸ್ತ

ವಿಷಯದ 🤉

### ಡಾಕ್ಷರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ಫೆಬ್ರವರಿ-೨೦೨೧ ರಲ್ಲಿ ನಿರ್ದಿಷ್ಟ ಅರ್ಹತೆಯನ್ನು ಪಡೆದಿರುವರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ ೨೦೨೧. ಮಾರ್ಚ್ ತಿಂಗಳ ೦೫ ನೆಯ ದಿನದಂದು ನಡೆದ ೧೪ ನೆಯ ಘಟಕೋತ್ಸವದಲ್ಲಿ ವಾಣಿಜ್ಜ ಮತ್ತು ನಿರ್ವಹಣಾ ನಿಕಾಯ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಪದವಿ ಪಡೆಯಲು ಅಂಗೀಕೃತರಾಗಿರುವರೆಂಡು 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

### PRIYANKA SHARMA

has been admitted to the Degree of

#### DOCTOR OF PHILOSOPHY

In

#### MANAGEMENT

at the 14th Convocation held on the 05th day of March 2021 on being duly certified to have qualified for the same in the month of February-2021 for the thesis

"A STUDY ON DEVELOPMENT NEED ANALYSIS (DNA) OF WOMEN SELF-HELP GROUPS OF TUMKUR DISTRICT"

in the Faculty of Commerce & Management

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಲಾಂಭನದೊಂದಿಗೆ ನೀಡಿದೆ Given Under the Seal of the University

Tumkur

ಕುಲಪತಿ Vice Chancellor

11 ( 5 27417



A 51991

Regd. No.: 1260310402 Aadhar No.: 593796841284

CANDHINSTITUTE OF TECHNOLOGY AND MANAGEMENT



### GITAM DEEMED UNIVERSITY

(Estd. u/s 3 of the UGC Act, 1956)

#### **FACULTY OF ENGINEERING**

This is to certify that

Ms. C H Vanipriya

has been duly admitted to the

Degree of Doctor of Philosophy

in

Computer Science & Engineering

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

Given under the seal of the University

Visakhapatnam

07th November, 2017



Vice Chancellor

A32-P2-050

# udontenti aziatazem Pangalore University

Shivanna S water

क्षेत्रकार्या क्षेत्र क्षेत्रकार का क्षेत्रकार क्षेत्रकार का क्षेत्रकार क्षेत्रकार क्षेत्रकार का क्षे

ಡಾಕೃರ್ ಆಫ್ ಫಿಲಾಸಫಿ

Partor of Ahilosophy
(Faculty Of Foience - Geology)
अंदोन भार्य अस्ट ने त्रिश्तां क्रिक्ट अंदोन भार्य अस्ट ने त्रिश्तां क्रिक्ट क्रिक्ट अंदोन भार्य अस्ट ने त्रिश्तां क्रिक्ट क्रिक क्रिक्ट क्रिक्ट क्रिक्ट क्रिक क्रिक क्रिक्ट क्रिक क

संदर्भको अध्य संदर्भ । 1996 Year of Acceptance :

ப்பு நிறையும் நார்க்க் பிரியில் பிரியில் நிறையும் இவர்கள் இவர்கள் இவர்கள் இவர்கள் இவர்கள் இவர்கள் கிறியில் குறியில் குறியில் கிறியில் குறியில் கிறியில் க



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07.02.1997

No 1 elly

Vice-Chancellor

### VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM KARNATAKA, INDIA



This is to certify that

### RAVI KUMAR H

has been conferred the Degree of

# Doctor of Philosophy

du

Faculty of Civil Engineering Sciences

for the thesis entitled

A Study On Buckling Resistance And Behaviour of Steel Tube Filled With Fibre Reinforced Self Compacting Concrete

in recognition of the fulfillment of requirements for the said degree

PH 001530

Given under the seal of the University

USN: 1MS07PCN02



2

BELGAUM DATE

March 18, 2019

### அண்ணாமலைப் ANNAMALAI



### பல்கலைக்கழகம் UNIVERSITY



### பொறியியற்புலம் FACULTY OF ENGINEERING & TECHNOLOGY

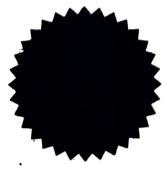
ஜுலை 2010 இல் மின்னணு மற்றும் தகவல் தொடர்பு பொறியியல் கவிதா இ பிரிவில் நடத்திய தோவகளில் தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குமுவினர் சான்றளித்தபடி ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இதன்வழி அறிவிக்கின்றது The Syndicate of the ANNAMALAI UNIVERSITY hereby makes that KAVITHA E admitted has been Degree of DOCTOR OF PHILOSOPHY in ELECTRONICS AND COMMUNICATION **ENGINEERING** certified by duly appointed Board of Examiners Who Valued he/she having been his/her thesis to be qualified to receive the same in JULY,2010.

TITLE OF THE THESIS

DESIGN AND ANALYSIS OF EFFICIENT SIGNAL PROCESSING IP CORES FOR USE IN MODERN DIGITAL AND MOBILE COMMUNICATION

பல்கலைக்கழக முத்திரை பெறுகின்றது Given under the seal of the University





அண்ணாமலைநகர்

Annamalainagar

Dated: 12/07/2011

நாள்:

துணை தேர்வாணையர் (கல்விசார்ந்த)

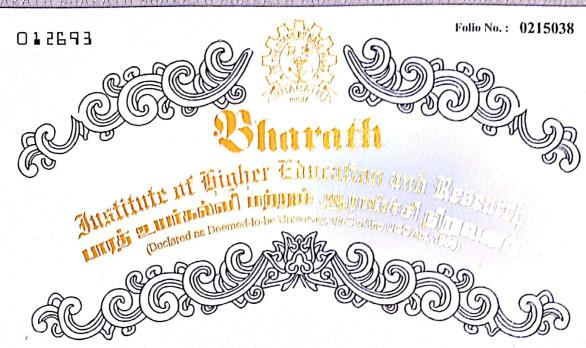
Dy.Controller of Examinations (Academic)

Dr.M.Rathinasabapathi

பதிவாளர் Registrar Dr.M.Ramanathan

**a** . .

துணை வேந்தர் Vice-Chancellor





#### **FACULTY OF ENGINEERING**

The Board of Management of the Bharath Institute of Higher Education and Research hereby makes known that DINOKUMAR KONGKHAM horn on 16-Dec-1989 has been admitted as a Full Time Candidate to the Degree of DOCTOR OF PHILOSOPHY in ELECTRONICS AND COMMUNICATION ENGINEERING 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 in Sep-2021 with Registration Number: D15EC505.

Medium of Instruction: ENGLISH

Enhanced cognitive radio networks in dynamic spectrum

Thesis Title:

sensing over fading channels



Given under the seal of BIHER



Date : 0 5 DEC 2021

173, Agharam Road Chennai - 600 073 Tamil Nadu, INDIA

CONTROLLER OF **EXAMINATIONS** 





Reg. No. 2003479732/RG



The Syndicate of the Anna University hereby makes known that SUNDARAGURU 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:

CERTAIN INVESTIGATION ON COMPENSATION TECHNIQUES FOR IMPULSE NOISE,INTERCARRIER INTERFERENCE AND NONLINEAR DISTORTION IN OFDM SYSTEMS



Given under the Seal of the University

curonics & Communication as Engineers 562 157

March 2013

Controller of Examinations

Vice-Chancellor

Sri Siddhartha University 6814



(DEEMED TO BE UNIVERSITY) Declared u/s 3 of the UGC Act, 1956, MHRD GOI No. F.9-31/2006-U.3 (A) dated: 30/05/2008 KARNATAKA Accredited 'A' Grade by NAAC

We, the Chancellor, the Vice - Chancellor and the members of the Board of Management and Academic council confer

DOCTOR OF PHILOSOPHY (ELECTRONICS AND COMMUNICATION ENGINEERING)

On

#### SASMITA MOHAPATRA

In recognition of fulfillment of the requirements for the said Doctoral Degree in the examination held during August 2017 Given under the seal of the University, in the

Title of Thesis:

6th Convocation held on 16th September 2017 "Study of the Packet Transfer Between Peer to Peer in Energy Efficient Mobile AD HOC Networks"



Vice-Chancellor

Reg.No. 13PH2EC003

Date: 16th September 2017

College: SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMKUR

AADHAR No. 404860169179

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that

G SHASHIBHUSHAN

has been conferred the Degree of

# Doctor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

HARDWARE IMPLEMENTATION OF MULTILEVEL INVERTER USING VECTOR SPACE ANALYSIS FOR INDUCTION MOTOR

in recognition of the fulfillment of requirements for the said degree

PH 01292

Given under the seal of the University

USN: 1MV12PEN02

Date of Viva Voce: 05-May-2023

BELAGAVI

DATE

AUGUST 01, 2023



# VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that POONGOTHALC

has been conferred the Degree of

Poctor of Philosophy

in

FACULTY OF COMPUTER & INFORMATION SCIENCES

for the thesis entitled

ENHANCING THE PERFORMANCE OF LOW POWER WIDE AREA NETWORK USING NARROW BAND INTERNET OF THINGS

in recognition of the fulfillment of requirements for the said degree

PH 23 01142

Given under the seal of the University

USN: 1MV19PIS01

Date of Viva Voce: 18-May-2023

**BELAGAVI** 

DATE

AUGUST 01, 2023

S. Dishuss

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



# This is to certify that SHEETAL BAGALI

has been conferred the Degree of

# **Poctor** of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

PERFORMANCE ANALYSIS OF UNDERWATER COMMUNICATION IN MULTI USER ENVIRONMENT

in recognition of the fulfillment of requirements for the said degree

PH 01296

Given under the seal of the University

USN: 1MV16PEJ02

Date of Viva Voce: 12-May-2023

**BELAGAVI** 

DATE : AUGUST 01, 2023

S. Dinasson



# **Manipal University**

ormerly known as Manipal Academy of Higher Education

hereby confers on

DR. S. K. UMA

the Degree of

Doctor of Philosophy (Ph.D.)

in recognition of his/her research work on

A MATHEMATICAL ANALYSIS AND UPDATING OF ECLIPSE

PROCEDURES IN INDIAN ASTRONOMICAL TEXTS

and for having fulfilled the prescribed requirements at the National Institute of Advanced Studies, Bangalore, India

on 08-Mar-2008



R. P. WAMLER
Vice-Chancellor

GIVEN UNDER THE SEAL OF MANIPAL UNIVERSITY, MANIPAL INDIA

ON THIS DATE: March 19 2008



Nº

19637

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that CHAYATY

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF APPLIED SCIENCES (MATHEMATICS)

for the thesis entitled

DOUBLE-DIFFUSIVE CONVECTION IN A SINGLE AND COMPOSITE LAYERS

in recognition of the fulfillment of requirements for the said degree

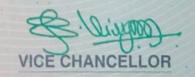
PH 00842

Given under the seal of the University

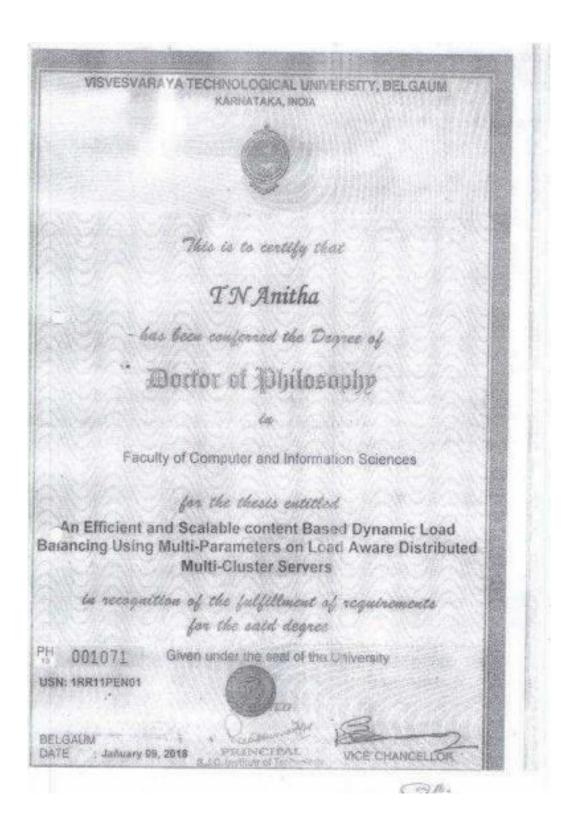
USN: 1NH13PGN02

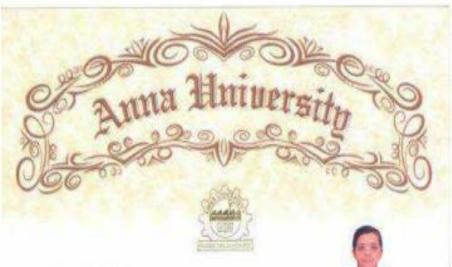
BELAGAVI

: FEBRUARY 24, 2023

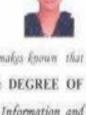


### ACADEMIC YEAR 2022-23 Ph.D. CERTIFICATES





Reg No. 10000532051 900



The Syndicate of the Anna University hereby makes known that SUMA SHANKARANAND 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 2014. The degree has been awarded in compliance with the University Grants Commission, Regulations 2009".

Title of the Thesis:

SPEECH RECOGNITION SYSTEM FOR HANDHELD DEVICES.



Given under the Seal of the University

Chennal MXP105

November 2914

Controller of Examinations

tice Chancellor

DD - 10005

ori Sidohartha Academp Of Higher Education



Declared to L. Juftile UGC Act, 1936, SHIRD GOL No. F.S. J. (2004) June 1996 (1904) Accredited 'A. Grade by NAAC

We, the Chancellor, the Vice-Chancellor and the members of the Board of Management and Academic council confer DOCTOR OF PHILOSOPHY

COMPUTER SCIENCE AND ENGINEERING

On

#### SREENIVASA B C

In recognition of fulfillment of the requirements for the said Doctoral Degree in the examination held during February - 2021 Given under the seal of the University, in the

10th Convocation held on 30th October 2021 Title of Thesis: "Efficient Congestion Control And Performance Analysis In Wireless Ad-Hoc Networks"



Reg.No. 18PH4CS008

Vice-Chancellor



Tumkur, Karnataka

DEPARTMENT OF CV Sir M. Viscos and and form of Joseph of Hunakomatonuhatik Gill International Air Parl R Bangalore-S62 Lu7.

Date: 30,10,2021

# Bhagwant University

(Established by Govt, of Rajasthan & Recognized by UGC Act 1956)



# Doctor of Philosophy

Upon the recommendations of the Academic Council

### Savita Choudhary daughter of Shri Hari Ram Choudhary

is hereby awarded the degree of

Doctor of Philosophy

In the Subject of Computer Science & Engineering, in this University after having successfully fulfilled the prescribed requirements on 27/02/2016

Title of the Thesis:

An Approach To Signature Verification-Soft Computing Model

Registrar

Dated : 28/07/2016 Phace : Ajmer, India



Vice-Chancellor/

#### VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that SUSHILA SHIDNAL

has been conferred the Degree of

### Poctor of Philosophy

FACULTY OF COMPUTER & INFORMATION SCIENCES

for the thesis entitled

A METHODOLOGY FOR NUTRIENT DEFICIENCY AND SUFFICIENCY BASED YIELD PREDICTION FROM PADDY FIELD IMAGES

in recognition of the fulfillment of requirements for the said degree

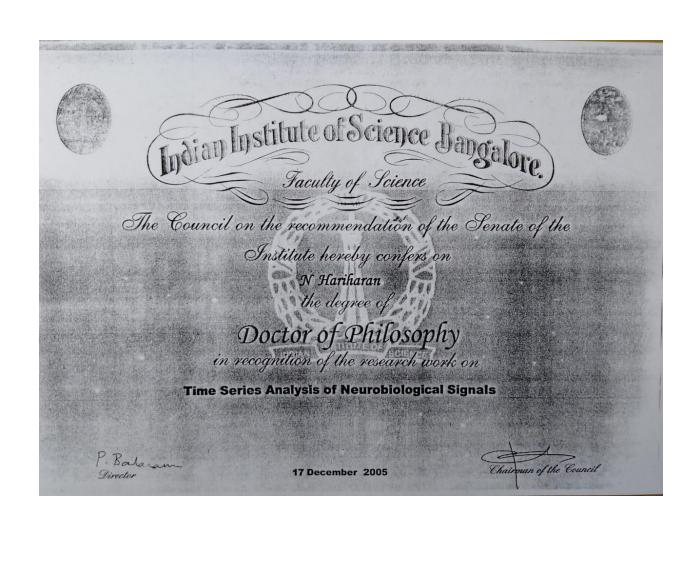
PH 000809 Given under the seal of the University

USN: 1J512PEN04

BELAGAVI

DATE

APRIL 03, 2021



### VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM KARNATAKA, INDIA



This is to certify that

H. L. Suresh

has been conferred the Degree of

Doctor of Philosophy

### Faculty of Electrical & Electronics Engineering Sciences

for the thesis entitled

**Reactive Power Compensation in Electric Power** Systems from Voltage Stability View Point

in recognition of the fulfillment of requirements for the said degree

PH 000230 Given under the seal of the University

USN: 4MC03PEM02

BELGAUM

**APRIL 18, 2011** 

JUC 50001



INTERNITURE EN LEGISTE

### JAIN UNIVERSITY

Declared as Debreed-to-be University are 3 of the UGC Act, 1958
1959 ABSED Notification for E.A.F. 2007.

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



## जैन विश्वविद्यालय

विश्वविद्यागयं अनुस्थ आसीन आधिनियम्, इन्नुस् के ज्युनामः ) अ. धारातीन सावक व्याप्तातः विश्ववेत्र पंजानातः की अधिवृद्धाः सीन्या एकः, ७-५८/३०१७ मुत्र(५) के आर्थ मार्थिकावित्रानाय के आर्थ में नीवित्

हम, जैन विश्वविद्यालय के कुलाधिपति, कुलपति, पबन्धन परिषद् के सदस्य एवं शिक्षा समिति, प्रमाणित करते हैं कि

महेश के.

जिनकी पंजीयन संख्या 11PPCSE008 है, अगस्त - २०१५ के परीक्षोपरांत

पीएच, डी. कंप्यूटर विज्ञान अभियांत्रिकी

की उपाधि में उल्लोणं हुए। जैन विश्वविद्यालय, बेंगलूर की ओर से दिनांक ५ दिसंबर २०१५ को इन्हें यह उपाधि प्रदान की गई है, जिसके प्रमाण स्वरूप उक्ल विश्वविद्यालय की मोहर एवं उक्ल कुलपति के हस्ताक्षर अंकित हैं।

#### Mahesh X

having been examined in August-2015 with Reg. No. 11PPCSE008
bas been conferred with the Degree of

DOCTOR OF PHILOSOPHY
in Computer Science & Engineering

hy Jain University, Bengalum on the 5th day of December 2015, In Testimony whereof are set the seal of the said University and the signature of the said Vive Chancellor





N. Sandage A. Vice Chancellor

Date: #5 BEC 7015 Vice Cha

कुलंपति

### VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM KARNATAKA, INDIA



This is to certify that

C V MOHAN

has been conferred the Degree of

**Poctor** of Philosophy

in

Faculty of Electrical & Electronics Engineering Sciences

for the thesis entitled

Reliability Evaluation Of Electrical Distribution Systems

in recognition of the fulfillment of requirements for the said degree

PH 001451

Given under the seal of the University

USN: 1BM07PEM02

BELGAUM

ATE : March 18, 2019

PROF. & HEAD
DEPT. OF FORMULE SMC

SIR M - VIOVE SVARAVA - A VI. 1411 COS 1

A Test and







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



SIVAPRIYAN R

the degree of

DOCTOR OF PHILOSOPHY

in recognition of the research work entitled

### ANALYSIS AND IMPLEMENTATION OF Z-SOURCE DC TO AC/DC CONVERTER FOR SOLAR PHOTOVOLTAIC APPLICATION

for having fulfilled the prescribed requirements.

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

given this day the 02 June 2021



Given under the seal of this university

NB Codolli
Vice - Chancellor

Chancellor

Dated: 07-Sep-2021

Vellore - 632 014, Tamíl Nadu, India

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

This is to certify that PARTHASARATHY V

has been conferred the Degree of

Tomor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

HARDWARE NEURAL NETWORK BASED CONTROLLER FOR REDUCTION OF ROTOR OSCILLATIONS

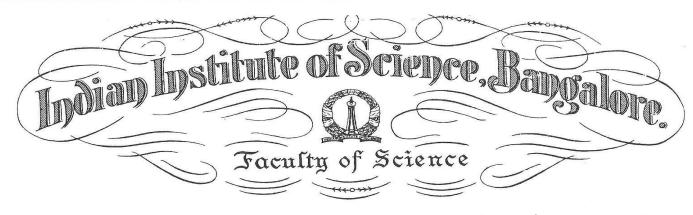
in recognition of the fulfillment of requirements for the said degree

PH 001510 Given under the seal of the University

USN: 5VZ15PEJ02

BELAGAVI

DATE : MARCH 10, 2022



The Council on the recommendation of the Senate of the Institute hereby confers on

H G NAGENDRA

the degree of

### Nactor of Philosophy

in recognition of the research work on

Role of Water in Plasticity and Action of Proteins. The Crystal Structures of Monoclinic Lysozyme at Different Levels of Hydration

Stord Director

20 Jacember 1997

Chairman of the Council

### VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM KARNATAKA, INDIA



This is to certify that

Priya Narayan

has been conferred the Degree of

Moctor of Philosophy

in

Faculty of Applied Sciences (Biotechnology)

for the thesis entitled

Biophysical Investigations on Neuropeptides Implicated in Alzheimer's Disease

in recognition of the fulfillment of requirements for the said degree

PH

000514

Given under the seal of the University

USN: 1MV07PGN02



DATE : MAY 27, 2016

#### UNIVERSITY OF MYSORE

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ





We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and Members of the Syndicate of the University of Mysore do hereby certify that

ಮೈಸೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಮಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು ಹಾಗೂ ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

#### MRINALINI MENON

has been awarded the Degree of ಅವರು ನಿಗದಿತ ಪರೀಕ್ಷೆಯಲ್ಲಿ ಉತ್ತೀರ್ಣರಾಗಿರುವುದರಿಂದ

## DOCTOR OF PHILOSOPHY

**BIO-TECHNOLOGY** 

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ



on being duly certified to have passed the prescribed examination ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರದಾನ ಮಾಡಲಾಗಿದೆಯೆಂದು ಪ್ರಮಾಣೀಕರಿಸುತ್ತೇವೆ

> Given under the seal of the University ವಿಶ್ವವಿದ್ಯಾ ನಿಲಯದ ಮೊಹರಿನೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ

Date of Convocation 09-12-2004 ಘಟಿಕೋತ್ಸವದ ದಿನಾಂಕ

Mysore / ಮೈಸೂರು SI.No. / ಕ್ರಮ ಸಂಖ್ಯೆ

AA No

092

Vice-Chancellor ಕುಲಪತಿ

#### VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM KARNATAKA, INDIA



This is to certify that

Rajendra Singh C
has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Applied Sciences (Biotechnology)

for the thesis entitled

Development of assay for antimitotic activity of Herbal extracts and Partial purification of Active component/s from Fermented extracts of Asteracantha Longifolia

in recognition of the fulfillment of requirements for the said degree

PH 000423

Given under the seal of the University

USN: 1MV08PGM01

BELGAUM

DATE

: MAY 09, 2015

Whom.

#### VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that

#### JAGADEESHA KUMAR D

has been conferred the Degree of

## **Poctor** of Philosophy

Faculty of Applied Sciences (Bio-Technology)

for the thesis entitled

Systems Biology Approach to Determine the Interactions of Tau Protein Implicated in Alzheimers Disease

in recognition of the fulfillment of requirements for the said degree

PH 000231

Given under the seal of the University

USN: 1MV07PGN03

BELAGAVI

DATE : Feb 08, 2020







(Established under Sec. (7) of UCC Act, 1956) (Placed under Category 'A' by MHRD., Gol. Accredited as 'A' Grade by NAAC) Deralakatte, Mangaluru - 575 018 Dekohtra Kannada, Kamataka, India.

## The Chancellor, the Board of Management and the Academic Council confer the degree of

#### DOCTOR OF PHILOSOPHY (Ph.D.)

(FACULTY OF ALLIED HEALTH SCIENCES)

ON

#### Dr. RASHMIK V

in recognition of the fulfillment of the requirements of the above said degree for the thesis titled

"TAXONOMY AND PHYLOGENY OF MEDICINALLY IMPORTANT GENUS MUCUNA USING MOLECULAR. APPROACHES AND DNA BARCODING OF INDIAN SPECIES"

Given under the seal of the University in the Ninth Annual Convocation held on September 14, 2019.



Reg. No. : NU/PRO/AH/RT/05/3003

Father's Name : KWASAPPA Mother's Name : YASHDOHA A T

college : Nittle University Centre for Science Education & Research (NUCSER), Devalakatta, Mangaluna

Prof. (Dr.) Satheesh Kumer Bhandary

Vice Chancellor NITTE

NITTE (Deemed to be University)

## VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



## This is to certify that

### **SUDEVI BASU**

has been conferred the Degree of

### Poctor of Philosophy

Faculty of Civil Engineering Sciences

for the thesis entitled

Environmental Economics of River Protection and Conservation Measures of the Rivers Cauvery and Kabini

in recognition of the fulfillment of requirements for the said degree

PH 000178

Given under the seal of the University

USN: 4JC09PCN02

BELAGAVI

DATE

Feb 08, 2020

## VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that

HARIHARAN P

has been conferred the Degree of

Poctor of Philosophy

in

FACULTY OF APPLIED SCIENCES (BIO-TECHNOLOGY)

for the thesis entitled

PRODUCTION, PURIFICATION AND CHARACTERIZATION OF THROMBOLYTIC ENZYME FROM FUNGI THROUGH SOLID AND SUBMERGED FERMENTATION PROCESSES

in recognition of the fulfillment of requirements for the said degree

PH 000896 Given under the seal of the University

USN: 1MV10PGN01

**BELAGAVI** 

DATE

APRIL 03, 2021



## VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI KARNATAKA, INDIA



This is to certify that HALIMA R

has been conferred the Degree of

## Doctor of Philosophy

in

FACULTY OF TECHNOLOGY (CHEMICAL)

for the thesis entitled

STUDIES ON A-AMYLASE ACTIVITY BY SILVER NANO PARTICLES SYNTHESIZED USING PIPER BETLE AND JATROPHA CURCAS LEAF EXTRACTS

in recognition of the fulfillment of requirements for the said degree

PH 01215 Given under the seal of the University

USN: 1MS15PGJ13

Date of Viva Voce: 20-Mar-2023

**BELAGAVI** 

DATE : AUGUST 01, 2023



Significon.



Ref No: RU/Ph D/Exam/2022-2023/168

Date: 28/12/2022

#### **NOTIFICATION**

Sub: Declaration of result of PhD Degree.

It is hereby notified that the Vice-Chancellor, under the authorization of the Board of Governors, and on the recommendation of the Board of Examiners, has accepted the following thesis submitted by Mr. Ishwar Chandra (SRN-R14PBT03) for the award of PhD Degree in Biotechnology under the Faculty of Science & Technology as per the REVA University Regulations Governing the Standards and Procedures for the Degree of Doctor of Philosophy (PhD), 2013. Further, it is declared that Mr. Ishwar Chandra (SRN-R14PBT03) is eligible to receive the PhD Degree in Biotechnology at the coming Convocation.

Name of the Scholar

Mr. Ishwar Chandra (SRN-R14PBT03)

Title of the Thesis

Decolourisation of Biomethanated Distillery Spent Wash Using

Modified Soil

Discipline

: Biotechnology

Faculty

: Science & Technology

Name of the Guide

: Dr. Ramesh N and Dr. Anima Upadhyay

CONTROLLER OF EXAMINATIONS

To,

Mr. Ishwar Chandra (SRN-R14PBT03)

Research Scholar, Biotechnology

Copy to:

1. Dean, R & I, REVA University

2. Director, School of Applied Sciences, REVA University

3. Dr. Ramesh N, Registrar and Professor, Department of Biotechnology, REVA University

4. Dr.Anima Upadhyay, Assistant Professor, Department of Chemistry, Sir MVIT, Bengaluru

## VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



This is to certify that AMULYA. G

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF APPLIED SCIENCES (BIO-TECHNOLOGY)

for the thesis entitled

SYNTHESIS, CHARACTERIZATION AND ANTICANCER ACTIVITY OF METAL OXIDE NANOPARTICLES

in recognition of the fulfillment of requirements for the said degree

않 00032

Given under the seal of the University

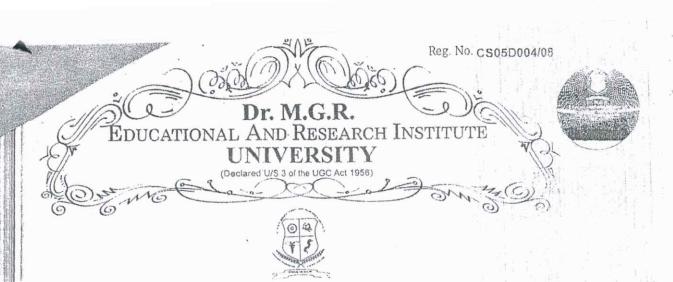
USN: LAY16PGJ09

BELAGAVI

DATE

FEBRUARY 24, 2023





#### ENGINEERING AND TECHNOLOGY

The Board of Management and the Academic Council of this University hereby make known that

#### BANU PRAKASH.G.C

has been admitted to the Degree of

### Doctor of Philosophy

habing completed all the Academic requirements and habing been certified by duly appointed Examiners to be qualified to receive the

same in JULY 2011

Title of the thesis: COMPUTER SCIENCE END SYSTEMS IN A NETWORK PATH

DEPARTMENT OF COMP Sir M. Visvesvaraya institute of Technology Hunasamaranahalli, Off International Air Port Road,

Bangalore - 562157.

Gimelogyder the seal of the University

Bengaluru

Chennai 600 095 14 SEPTEMBER 2011

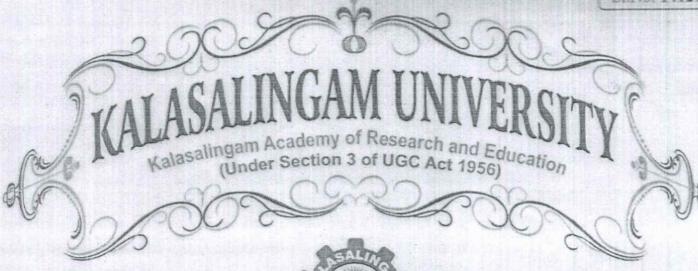
Registrar

C.B. Palmirelu

Hice-Chancellar

Mresident









Register Number: 200912206

The Board of Management of the Kalasalingam University hereby makes known that Mr/Ms VIJAYAKARTHICK P. has been

admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of

Information Technology

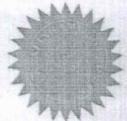
having been certified by the

duly appointed examiners to be qualified to receive the same in the year 2014

Fille of the thesis:

REVAMPING THE COMPETENCE OF SCHEDULING IN WIRELESS GRID ENVIRONMEN

Given under the seal of the University



Anand Nagar, Krishnankoil - 626 126,

Camit Madu, India

Date: 25-09-2014

16.
MA Sporter



Star - Ethernolder

A56886

Regd. No.: 1260309415

CANDHINSTITUTE OF TECHNOLOGY AND MANAGRIMEN.





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

#### FACULTY OF ENGINEERING

This is to certify that

Sheshappa S N

has been duly admitted to the

Degree of Doctor of Philosophy

in

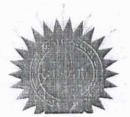
Computer Science & Engineering

in this University, he/she having been declared to be qualified to receive the same in May, 2018

Given under the seal of GITAM

Visakhapatnam

15th Contember 2010



## uontent azaangem Bangalore University

தி Ab Foreisheraliah..... ಅವರು ಯಥಾಯೋಗ್ಯವಾಗಿ ಈಗಾಗಲೇ ಪ್ರವೇಶ ಪಡೆದಿರುವರೆಂದು ಧೃಧೀಕರಿಸುತ್ತಾ has been duly admitted to the Dogree of

> ant of up tonit Doctor of Philosophy

Froutty Of Science Chamistry)

बत्त के मार्च कार्य कर्षा में स्वादित करिया कार्य का

प्राथित के अञ्चल के का कि Malacaluly Air S. Thologridative Title of the Thesis Degradation of Environmentally Haxardous Azo & Para Quinonoid



Dyes over Semiconducting particles"
as an edge of the University



Dept. of Chemistry
Dept. of Chemistry
Bengaluru-37

amos Bates

19.12.2000



16 12 6 Chelling



## பாரதியார் பல்கலைக் கழகம் Bharathiar University

#### அறிவியல் புலம் FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையர்க் அமைக்கப்பட்ட பிரசாந்த் கோகி, 2019ஆம் ஆண்டு, நவம்பீர் 29ஆம் வேதியியல் ஆய்வியல் அறிஞர் என்னும் 🐔 பட்டம் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று, அவருக்கு பட்டத்தைப் இலச்சினையுடன், பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகள்றது.

Bharathiar ћетеву PRASHANTH G K known DOCTOR OF PHILOSOPHY CHEMISTRY, having been certified by duly appointed Examiners to be qualified to receive the same on 29th NOVEMBER 2019.

Given under the Seal of the University.

Prof. & Head Dept. of Chemistry Visvesvaraya Institute of Technology Bengaluru-562 157

கோயம்புத்தூர் Coimbatore

Dated: 18th December 2019; ontroller of Examinations ISSUED ON 1 2 NOV 2020

Registrar(i/c)





### ಕರ್ನಾಟಕ ರಾಜ್ಯ ಅಕ್ಕಮಹಾದೇವಿ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ, ವಿಜಯಮರ KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಅಕ್ಕಮಹಾದೇವಿ ಮಹಿಳಾ ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ, ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ ಮತ್ತು ಸಿಂಡಿಕೇಟ್ ಸದಸ್ಯರಾದ ನಾವು

We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and the Members of the Academic Council and Syndicate of Karnataka State Akkamahadevi Women's University, Vijayapura, do hereby certify that

#### ಅನಿತಾ ಎಸ್.

ಯುಜಿಸಿಯ ಪಿಎಚ್.ಡಿ. ಕ್ರಮ ನಿಯಮಾವಳಿಗಳು-೨೦೦೯ ರನ್ವಯ ಕೋರ್ಸವರ್ಕ್ ದೊಂದಿಗೆ ಡಾಕ್ಷರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ೧೧-೧೦-೨೦೨೧ ರಂದು ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

# ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಇಂಗ್ಲೀಷ್



ಪದವಿಯನ್ನು ವಿಜಯಪುರದಲ್ಲಿ ೦೯ನೇ ನವೆಂಬರ ೨೦೨೧ ರಂದು ನೀಡಿದ್ದೇವೆ.

#### Anita S.

has been found duly qualified on 11-10-2021 for the award of the Degree of Doctor of Philosophy with Course Work as per Ph.D Regulations-2009 of UGC. Hence, the Degree of

#### DOCTOR OF PHILOSOPHY

## **ENGLISH**

has been conferred on her at Vijayapura on the 09th day of the NOVEMBER, 2021

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಅಧಿಕಾರ ಮುದ್ರೆಯೊಡನೆ ನೀಡಲಾಗಿದೆ

Given under the seal of the University.

ವಿಜಯಮರ Vijayapura

ದಿನಾಂಕ: ೦೯-೧೧-೨೦೨೧

Date : 09-11-2021

Vice-Chancellor