VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

RENUKA SAGAR

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

ENERGY CONSUMPTION MODEL FOR PERFORMANCE ANALYSIS IN WSN USING MACHINE LEARNING TECHNIQUES

in recognition of the fulfillment of requirements for the said degree

PH 23 00761

Given under the seal of the University

USN: 3BR16PEJ08

BELAGAVI

DATE : FEBRUARY 24, 2023

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

HEMAVATI

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF COMPUTER & INFORMATION SCIENCES

for the thesis entitled

EFFICIENT MULTIMODAL APPROACHES TO CONTENT BASED INFORMATION RETRIEVAL

in recognition of the fulfillment of requirements for the said degree

PH 23 01868

Given under the seal of the University

USN: 5VX16PEJ82

Date of Viva Voce : 11-Nov-2023

BELAGAVI

DATE : MARCH 07, 2024

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

PHANINDRA REDDY K

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

MACHINE LEARNING APPROACHES FOR NETWORK INTRUSION DETECTION

in recognition of the fulfillment of requirements for the said degree

PH 23 00907

Given under the seal of the University

USN: 2SA16PEJ05

BELAGAVI

DATE : FEBRUARY 24, 2023

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

MALLIKARJUNA A

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

TRUST BASED HYBRID CO-OPERATION STIMULATION MECHANISM FOR MOBILE ADHOC NETWORKS.

in recognition of the fulfillment of requirements for the said degree

PH 23 00793

Given under the seal of the University

USN: 5VX13PEN78

BELAGAVI

DATE : FEBRUARY 24, 2023

VICE CHANCELLOR

MONAD UNIVERSITY

Established by UP State Govt. Act No. 23 of 2010 & U/S 2 (f) of U.G.C Act 1956
N.H. 24 Delhi Hapur Road, Distt. Hapur-245101 (U.P.)

Ref. No. MU/PDC/B011/0089

Date 9/8/2013

PROVISIONAL DEGREE CERTIFICATE

This is certified that Mr./Ms. **NOORULLAH SHARIFF C** (Enrollment No. MU1210201348) s/o {(d/o)} Shri C YOUNUS SHARIFF has successfully completed all the requirements as per the University Ordinances for the award of the degree of Doctor of Philosophy in the field of **COMPUTER SCIENCE & ENGINEERING** in the faculty of ENGINEERING.

The thesis entitled **"INVESTIGATION OF ENTERPRISE INFORMATION SECURITY RISK AND DEFENSE MANAGEMENT"** submitted to the Monad University has been accepted by the University on the recommendations of the viva-voce board on {04-08-2013}.

The degree will be awarded in the next convocation.

Dated:09-08-2013

Registrar

Monad University

Registrar
Monad University, Hapur

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

This is to certify that

B. M. Vidyavathi

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Computer and Information Sciences

for the thesis entitled

Data Mining Using Pattern Recognition Techniques

in recognition of the fulfillment of requirements for the said degree

PH 07 000218 Given under the seal of the University

USN : 4JC03PEN03

Self Attested

Head of the Department,
Dept. of Computer Science & Engg
Ballari Institute of Technology & Management
(formerly Ballari Engineering College)
BELLARY

BELGAUM
DATE : APRIL 18, 2011

VICE CHANCELLOR

49/4549/CCD

Shivaji University, Kolhapur

We the Chancellor, Vice-Chancellor and Members of the Management Council on the recommendation of the Academic Council certify that

Biradar Rajashree Vithal
Mother's Name - Bhagirathi
has awarded the Degree of

Doctor of Philosophy

in the Branch
Electronics
on 18th February 2012.

COPY OF ORIGINAL

The said Degree has been conferred on her
at Kolhapur in the Winter Session
of the year Two Thousand Thirteen.

In Testimony whereof are set the seal of the
University and the signatures of the
Registrar and the Vice-Chancellor.

Head of the Department
Dept. of Computer Science & Engg.
Ballari Institute of Technology & Management
(formerly Bellary Engineering College)
BELLARY

Registrar

Vice-Chancellor

17PHD0011

Sl. No.: 123906

VIT®

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

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

MANIKANTA D

the degree of

DOCTOR OF PHILOSOPHY

in recognition of the research work entitled

ASSESSMENT OF INDUSTRIAL BYPRODUCTS AS A LINER IN LANDFILL

for having fulfilled the prescribed requirements.

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

given this day the 27 May 2021

Given under the seal of this university

RB Kodeli

Vice - Chancellor

Chancellor

Dated : **07-Sep-2021**

Vellore - 632 014, Tamil Nadu, India

Scanned with CamScanner

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

MD KHALID S

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ಅಪೇಕ್ಷಿತವಾದ ಅಗತ್ಯಗಳನ್ನು ಪೂರೈಸಿದ್ದಾರೆಂದು ಪರಿಗಣಿಸಿ ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರಧಾನಮಾಡಲಾಗಿದೆ

has been conferred the Degree of

Doctor of Philosophy

in recognition of the fulfillment of requirements for the said degree

For the thesis entitled/ ಕೆಳಕಂಡ ಪ್ರಬಂಧವನ್ನು ಮಂಡಿಸಿದ್ದು

AN EXPERIMENTAL INVESTIGATION ON MECHANICAL AND DURABILITY PROPERTIES OF HIGH STRENGTH FIBER REINFORCED TERNARY BLENEDED GEOPOLYMER CONCRETE

ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ
University Seat Number : 3VC19PCV01

ವಿಭಾಗ/Branch : FACULTY OF CIVIL ENGINEERING SCIENCES

PH 23 002241

Given under the seal of the University

Date of Viva Voce : 02-Apr-2024

ಬೆಳಗಾವಿ
Belagavi

ದಿನಾಂಕ
Date : JULY 18, 2024

ಕುಲಪತಿ
VICE CHANCELLOR

Scanned with CamScanner

CHRIST
(DEEMED TO BE UNIVERSITY)
BANGALORE · INDIA

Declared as Deemed to be University under Section 3 of UGC Act 1956

The Board of Management of CHRIST (Deemed to be University)
hereby makes known that

TANU H M

with Registration Number

2170004

is awarded to the Degree of

DOCTOR OF PHILOSOPHY IN CIVIL ENGINEERING

in recognition of the fulfilment of the requirements for the award
of the said degree in the year 2024.

Title of the Thesis

INVESTIGATION ON MECHANICAL AND DURABILITY PROPERTIES OF GEOPOLYMER CONCRETE WITH GROUND GRANULATED BLAST FURNACE SLAG INCORPORATING SUGARCANE BAGASSE ASH

Given under the Seal of CHRIST (Deemed to be University)

Bengaluru

30 Jun 2024

Vice Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
KARNATAKA, INDIA

COPY COPY COPY

This is to certify that

Rajkumar N Kulkarni

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Computer and Information Sciences

for the thesis entitled

Reengineering of Legacy'C' Systems

in recognition of the fulfillment of requirements for the said degree

PH 13 000257

Given under the seal of the University

USN: 2BV05PEM01

Principal,
Ballari Instiute of Technology & Management,
Ballari.

Head of the Department
Dept. of Computer Science & Engg
Ballari Institute of Technology & Management
(formerly Bellary Engineering College)
BELLARY

BELGAUM
DATE : **MAY 20, 2014**

VICE CHANCELLOR

13/1448/510CS102

National Institute of Technology
Rourkela

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

Doctor of Philosophy

on

Suresh Y

who has successfully defended the thesis entitled
"Software fault Prediction and Test Data Generation Using Artificial Intelligent Techniques"

and has fulfilled all other requirements
for the degree in the Department of
Computer Science & Engineering.

Given this day, under the seal of the Institute
at Rourkela in the Republic of India,
the 16th Day of January 2016.

Head of the Department,
Dept. of Computer Science & Engg.
Ballari Institute of Technology & Management
(formerly Bellary Engineering College)
BELLARY

Attested

Registrar

Director

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1232437

H.T No.: 0603PH0676

Ms. Aradhana D

D/o. Vithalgouda D

having fulfilled the academic requirements in *July, 2016*

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

Doctor of Philosophy

Computer Science and Engineering

Topic : "Image Processing Techniques for Edge Detection and Face Recognition".

COPY COPY COPY COPY COPY COPY COPY COPY

Given under the Seal of the University

Date:21-04-2017

Head of the Department,
Dept. of Computer Science & Engg
Ballari Institute of Technology & Management
(formerly Bellary Engineering College)

DIRECTOR OF EVALUATION | REGISTRAR | VICE CHANCELLOR

Self attested
Aradhana

46214000099

PC No
316000375

पंजीकरण सं: 21615054
(Reg. No.)

नामांकन सं: PEN/PED/15/00367
(Enrollment No.)

Shri Jagdishprasad Jhabarmal Tibrewala University, Jhunjhunu

श्री जगदीशप्रसाद झाबरमल टिबड़ेवाला विश्वविद्यालय, झुंझुनूं

D 506167

डॉक्टर ऑफ़ फिलॉसफ़ी

प्रमाणित किया जाता है कि ***T.R. Muhibur Rahman*** को इस विश्वविद्यालय के **Engineering** संकाय के अन्तर्गत डॉक्टर ऑफ़ फिलॉसफ़ी की उपाधि से वर्ष ***2019*** में विभूषित किया गया।

इनके शोध प्रबन्ध का विषय निम्नलिखित था :—

A DETAILED STUDY OF ROUTING MECHANISMS AND ROUTING PROTOCOLS OF WIRELESS MOBILE AD HOC NETWORKS.

DOCTOR OF PHILOSOPHY

This is to certify that ***T.R. Muhibur Rahman*** *has been awarded the degree of Doctor of Philosophy in the faculty of* ***Engineering*** *of this university in the year* ***2019.***

The title of his/ her thesis was:-

A DETAILED STUDY OF ROUTING MECHANISMS AND ROUTING PROTOCOLS OF WIRELESS MOBILE AD HOC NETWORKS.

Self attested

Chairperson
चेयरपर्सन

Head of the Department,
Dept. of Computer Science & Engg.
Ballari Institute of Technology & Management
(formerly Bellary Engineering College)
BELLARY

President
प्रेसीडेंट

26th February 2019

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

CHIDANANDA H

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Computer & Information Sciences

for the thesis entitled

Novel Graphical Models and Machine Learning Techniques for Human Activity Recognition from Video Sequence

in recognition of the fulfillment of requirements for the said degree

PH 19 000200 Given under the seal of the University

USN: 3VC11PEN01

BELAGAVI

DATE : Feb 08, 2020

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

ANITA PATIL

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF COMPUTER & INFORMATION SCIENCES

for the thesis entitled

ADAPTIVE SCHEDULING TECHNIQUE BASED OPERATING SYSTEM FOR WIRELESS SENSOR NETWORK

in recognition of the fulfillment of requirements for the said degree

PH 23 00342

Given under the seal of the University

USN: 3BR15PEJ04

BELAGAVI

DATE : FEBRUARY 24, 2023

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

C K SRINIVASA

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF COMPUTER & INFORMATION SCIENCES

for the thesis entitled

DESIGN AND DEVELOPMENT OF META MODELING OF UML USING PREDICATE LOGIC

in recognition of the fulfillment of requirements for the said degree

PH 23 01154

Given under the seal of the University

USN: 3BR15PEJ09

Date of Viva Voce : 20-May-2023

BELAGAVI

DATE : AUGUST 01, 2023

VICE CHANCELLOR

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

P PANI RAMA PRASAD

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ಅಪೇಕ್ಷಿತವಾದ ಅಗತ್ಯಗಳನ್ನು ಪೂರೈಸಿದ್ದಾರೆಂದು ಪರಿಗಣಿಸಿ ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರಧಾನಮಾಡಲಾಗಿದೆ

has been conferred the Degree of

Doctor of Philosophy

in recognition of the fulfillment of requirements for the said degree

For the thesis entitled/ ಕೆಳಕಂಡ ಪ್ರಬಂಧವನ್ನು ಮಂಡಿಸಿದ್ದು

AN AMELIORATED METHODOLOGY FOR THE ABSTRACTION AND DESIGN OF UML DIAGRAMS FROM INPUT JAVA PROGRAMMING SYSTEM

ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ
University Seat Number : 3BR15PEJ07

ವಿಭಾಗ/Branch : FACULTY OF COMPUTER & INFORMATION SCIENCES

PH 23 002713

Given under the seal of the University

Date of Viva Voce : 06-Jul-2024

ಬೆಳಗಾವಿ
Belagavi

ದಿನಾಂಕ
Date : JULY 18, 2024

ಕುಲಪತಿ
VICE CHANCELLOR

Scanned with CamScanner

Scanned with CamScanner

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

JANTHAKAL SHEETAL

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF COMPUTER & INFORMATION SCIENCES

for the thesis entitled

AUTOMATED SKIN LESION SEGMENTATION AND CLASSIFICATION OF GRANULAR PARAKERATOSIS

in recognition of the fulfillment of requirements for the said degree

PH 23 01908

Given under the seal of the University

USN: 3VC18PCS01

Date of Viva Voce : 23-Dec-2023

BELAGAVI

DATE : MARCH 07, 2024

VICE CHANCELLOR

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

SUDHAKAR AVAREDDY

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ಅಪೇಕ್ಷಿತವಾದ ಅಗತ್ಯಗಳನ್ನು ಪೂರೈಸಿದ್ದಾರೆಂದು ಪರಿಗಣಿಸಿ ಮೇಲೆ ಕಾಣಿಸಿದ ಪದವಿಯನ್ನು ಅವರಿಗೆ ಪ್ರಧಾನಮಾಡಲಾಗಿದೆ

has been conferred the Degree of

Doctor of Philosophy

in recognition of the fulfillment of requirements for the said degree

For the thesis entitled/ ಕೆಳಕಂಡ ಪ್ರಬಂಧವನ್ನು ಮಂಡಿಸಿದ್ದು

LOCATION BASED ENERGY EFFICIENT SECURITY MECHANISM IN WIRELESS SENSOR NETWORKS USING TRUST AWARE LOCALIZED KEY MANAGEMENT TECHNIQUE

ಪರೀಕ್ಷಾ ಕ್ರಮ ಸಂಖ್ಯೆ
University Seat Number : 3BR15PEJ06

ವಿಭಾಗ/Branch : FACULTY OF COMPUTER & INFORMATION SCIENCES

PH 23 002552

Given under the seal of the University

Date of Viva Voce : 08-Jul-2024

ಬೆಳಗಾವಿ
Belagavi

ದಿನಾಂಕ
Date : JULY 18, 2024

ಕುಲಪತಿ
VICE CHANCELLOR

Scanned with OKEN Scanner

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

JAGADISH R M

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF COMPUTER & INFORMATION SCIENCES

for the thesis entitled

OFFLINE DATA SYNCHRONIZATION USING PRIORITIZATION BASED SPEECH AUTHENTICATION SYSTEM

in recognition of the fulfillment of requirements for the said degree

PH 19 001119 Given under the seal of the University

USN: 3BR14PEM01

BELAGAVI

DATE : APRIL 03, 2021

VICE CHANCELLOR

Scanned with CamScanner

47/1025/000

Shivaji University, Kolhapur.

We the Chancellor, Vice-Chancellor and Members of the Management Council, on the recommendation of the Academic Council certify that the Degree of

Doctor of Philosophy

Electronics

has been conferred on the 12th day of the month of March in the year two thousand eleven.

at Kolhapur, on

Patil Venkanagouda C

Mother's Name - Nilamma

who has been found duly qualified for the same.

In Testimony whereof are set the Seal of the University and the Signatures of the Registrar and the Vice-Chancellor.

Registrar

Vice-Chancellor

Scanned by CamScanner

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM

KARNATAKA, INDIA

This is to certify that

Sadyojatha K M

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

Variational Approach to Texture Segmentation

in recognition of the fulfillment of requirements for the said degree

PH 13 000349

Given under the seal of the University

USN: 3PD05PEM02

BELGAUM

DATE : **MAY 09, 2015**

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

NASEERUDDIN

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Electrical & Electronics Engineering Sciences

for the thesis entitled

Constraint Prioritized Hierarchical Routing Algorithm for Wireless Mobile Adhoc Network

in recognition of the fulfillment of requirements for the said degree

PH 19 000093 Given under the seal of the University

USN: 5VX11PEN35

BELAGAVI

DATE : Feb 08, 2020

VICE CHANCELLOR

COPY COPY COPY COPY

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

K S SHIVA KUMAR

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

PERFORMANCE EVALUATION OF ENERGY EFFICIENT PROTOCOL FOR WIRELESS MANETS-A LAYERED PERSPECTIVE

in recognition of the fulfillment of requirements for the said degree

Given under the seal of the University

PH 23 00561

USN: 5VX13PEN35

VICE CHANCELLOR

BELAGAVI

DATE : FEBRUARY 24, 2023

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

PHULARA SHAIK ABDUL LATEEF HAROON

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

DESIGN AND DEVELOPMENT OF EFFECTIVE ALGORITHM FOR HUMAN ACTIVITY RECOGNITION USING MACHINE LEARNING APPROACH

in recognition of the fulfillment of requirements for the said degree

PH 19 000798 Given under the seal of the University

USN: 3BR16PEJ05

BELAGAVI
DATE : APRIL 03, 2021

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

FAREDUDDIN AHMED J S

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

EFFICIENT SPECTRUM ALLOCATION FOR COGNITIVE RADIO NETWORKS

in recognition of the fulfillment of requirements for the said degree

PH 19 000963 Given under the seal of the University

USN: 3PG16PEJ01

BELAGAVI

DATE : APRIL 03, 2021

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

WILLIAM THOMAS H M

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

PERFORMANCE EVALUATION OF SEGMENTATION ALGORITHMS FOR MRI IMAGES AND IMPLEMENTATION USING FPGA

in recognition of the fulfillment of requirements for the said degree

PH 19 001544 Given under the seal of the University

USN: 1RV14PEM06

BELAGAVI

DATE : MARCH 10, 2022

VICE CHANCELLOR

Scanned By CamNScan

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

GIRIJA VANI G

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

ENERGY EFFICIENT VOLATILE-SYMMETRIC KEY MANAGEMENT SCHEMES FOR WIRELESS SENSOR NETWORKS

in recognition of the fulfillment of requirements for the said degree

PH 23 00906

Given under the seal of the University

USN: 2SA16PEJ03

BELAGAVI

DATE : FEBRUARY 24, 2023

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

PREMACHAND D R

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF ELECTRICAL & ELECTRONICS ENGINEERING SCIENCES

for the thesis entitled

HYBRID FRAMEWORK FOR IMAGE COMPRESSION WITH HARDWARE REALIZATION

in recognition of the fulfillment of requirements for the said degree

PH 23 01667

Given under the seal of the University

USN: 3BR16PEJ07

Date of Viva Voce : 23-Sep-2023

BELAGAVI

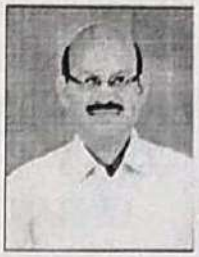
DATE : MARCH 07, 2024

VICE CHANCELLOR

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1290963



H.T No.: 0903PH0726

Mr. Khened B S

S/o. Sugappa

having fulfilled the academic requirements in *March - 2018*

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

Doctor of Philosophy

Electrical And Electronics Engineering

Topic: "Design of Gas Sensors Using Electrical Characterization of Conducting Polymer Composites".

Given under the Seal of the University

Date: 09-05-2018

DIRECTOR OF EVALUATION | REGISTRAR | VICE CHANCELLOR

47114109053

PC No
318000924

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

HYDERABAD - 500 085, TELANGANA STATE, INDIA

TS 1437805

H.T No.: 0903PH0722

Mr. Sharana Reddy

S/o. Hanuma Reddy

having fulfilled the academic requirements in *February - 2020*

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

Doctor of Philosophy

Electrical And Electronics Engineering

Topic: "Simulation and Experimental Analysis of Effects of PWM ASDs on AC Motor Bearings".

Given under the Seal of the University

Date: 16-10-2020

DIRECTOR OF EVALUATION

REGISTRAR

VICE CHANCELLOR

49114161612

PC No
320001489

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

COPY COPY

ABDUL KHADAR A

has been conferred the Degree of

Doctor of Philosophy

COPY COPY

in

Faculty of Electrical & Electronics Engineering Sciences

for the thesis entitled

The Efficient Energy Control Strategy Using Wireless Technology and Smart Meter

in recognition of the fulfillment of requirements for the said degree

PH 19 000310 Given under the seal of the University

USN: 5VX13PEN17

BELAGAVI
DATE : Feb 08, 2020

VICE CHANCELLOR

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

MANGALORE UNIVERSITY

Accredited by NAAC with 'A' Grade

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಹಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು,
ಸಿಂಡಿಕೇಟ್ ಮತ್ತು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತಿನ ಸದಸ್ಯರುಗಳಾದ ನಾವು

ಜೆನೆಟ್ ಜ್ಯೋತಿ ಡಿ'ಸೋಜಾ

ಅವರು ೨೦೧೬ ನೆಯ ವರ್ಷದ ಫೆಬ್ರವರಿ ತಿಂಗಳಿನಲ್ಲಿ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ನಿರ್ದಿಷ್ಟ ಅರ್ಹತೆಯನ್ನು ಪಡೆದಿರುವರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ
೨೦೧೬ ರ ಮಾರ್ಚ್ ತಿಂಗಳ ಮೂವತ್ತನೇ ದಿನದಂದು ನಡೆದ ೩೪ನೆಯ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ

ವಾಣಿಜ್ಯ ನಿಕಾಯದ ವ್ಯವಹಾರ ಆಡಳಿತ

ಅಧ್ಯಯನ ಮಂಡಳಿಯ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಅಂಗೀಕೃತರಾಗಿರುವರೆಂದು ಈ ಮೂಲಕ ದೃಢೀಕರಿಸುತ್ತೇವೆ.

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

Janet Jyothi D'Souza

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

at the 34th *Convocation held on the* 30th *day of March* 2016 *on being duly certified to have qualified for the same in the month of* February 2016 *for the thesis* / ಮಹಾಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ :

"A STUDY OF EFFICIENCY OF INDIAN STOCK MARKET"

in the Faculty of Commerce under the Board of Studies in Business Administration

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಲಾಂಛನದೊಂದಿಗೆ ನೀಡಿದೆ.
Given Under the Seal of the University.

ಮಂಗಳಗಂಗೋತ್ರಿ, ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಭಾರತ
MANGALAGANGOTHRI, Karnataka State, INDIA

ದಿನಾಂಕ Date : **30.03.2016**

ಕುಲಪತಿ
VICE CHANCELLOR

ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

Tumkur University

TUCA 06107

A12-C-P-0008

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

ಡಿ ಕ್ರಿಸ್ಟೋಫರ್ ರಾಜ್

ಇವರು

ನಿರ್ವಹಣಾಶಾಸ್ತ್ರ

ವಿಷಯದಲ್ಲಿ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ, ಫೆಬ್ರವರಿ 19ರಲ್ಲಿ ನಿರ್ದಿಷ್ಟ ಅರ್ಹತೆಯನ್ನು ಪಡೆದಿರುವರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ 2019, ಫೆಬ್ರವರಿ ತಿಂಗಳ 27ನೆಯ ದಿನದಂದು ನಡೆದ 12ನೆಯ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ವಾಣಿಜ್ಯ ಮತ್ತು ನಿರ್ವಹಣಾ 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

D CHRISTOPHER RAJ

Has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

In

MANAGEMENT

At the 12th Convocation held on the 27th day of February 2019 on being duly certified to have qualified for the same in the month of February 2019 for the thesis

" IMPACT OF MEDIA AND ENTERTAINMENT INDUSTRY ON THE LIFESTYLES OF PEOPLE IN KARNATAKA - A STUDY OF THE SELECTED DISTRICTS "

In the Faculty of Commerce & Management

ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಲಾಂಛನದೊಂದಿಗೆ ನೀಡಿದೆ.

Given Under the Seal of the University

Tumkur

Sl. No. TUT_1308

ಕುಲಪತಿ

Vice Chancellor

பாரதியார் பல்கலைக் கழகம்
Bharathiar University

சமூக அறிவியல் புலம்
FACULTY OF SOCIAL SCIENCES

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு, ஷாஹிதா பானு எஸ், 2015ஆம் ஆண்டு, மார்ச் 13ஆம் நாளில் மேலாண்மையியல் என்னும் பிரிவில் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சினையுடன், பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that **SHAHEEDA BANU S** *has been admitted to the Degree of* **DOCTOR OF PHILOSOPHY** *in* **MANAGEMENT,** *having been certified by duly appointed Examiners to be qualified to receive the same on* **13th MARCH 2015.**

Given under the Seal of the University.

கோயம்புத்தூர்
Coimbatore
al9R344
நாள்
Dated: 12th September 2015

தேர்வாணையர்(பொ)
Controller of Examinations i/c

K.G. Santhan
பதிவாளர்
Registrar

துணைவேந்தர்
Vice-Chancellor

B 011454

A64294

Regd. No. : 1267312406

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

GITAM
(DEEMED TO BE UNIVERSITY)

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

FACULTY OF MANAGEMENT

This is to certify that

Budagavi Anupama

has been duly admitted to the degree

of

Doctor of Philosophy

in

Management

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

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

Given under the seal of GITAM

Visakhapatnam

09th November, 2019

Vice Chancellor

Centre Code : 2 Reg.No. 51426-Ph.D-COM Code no. 70D10 : 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)

வணிகவியல் புலம்
FACULTY OF COMMERCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு பிப்ரவரி 2021 ஆம் ஆண்டு ரூபா கா என்பவர் வணிகவியல் பாடத்தில் முனைவர் பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி முனைவர் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** *hereby makes known that* **ROOPA K** *has been admitted to the Degree of* **DOCTOR OF PHILOSOPHY,** *in the subject* **COMMERCE,** *having been certified by duly appointed Examiners to be qualified to receive the same in* **FEBRUARY 2021.**

Place of Study : KHADIR MOHIDEEN COLLEGE ADIRAMPATTINAM.

"Ph.D. Degree has been awarded in accordance with the Minimum Standards and Procedure of the Regulations of the University Grants Commission 2016".

Title of the Thesis

"A STUDY ON DYNAMIC ROLE OF EMPLOYEE ENGAGEMENT IN ORGANISATIONAL PERFORMANCE TO I.T SECTOR IN BANGALORE"

Given under the seal of the University.

பதிவாளர் Registrar

துணைவேந்தர் Vice - Chancellor

திருச்சிராப்பள்ளி
Tiruchirappalli

நாள் : 9th December 2021
Date :

ISSUED ON : 09-12-2021

P 000892

PHDN 00180

ವಿಜಯನಗರ ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಬಳ್ಳಾರಿ, ಕರ್ನಾಟಕ

Vijayanagara Sri Krishnadevaraya University

Ballari, Karnataka

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor, the Syndicate and the Academic Council Members of the University do hereby confer upon that

Mr. KHAJA MOHINUDDEEN J.

has been awarded the Degree of

DOCTOR OF PHILOSOPHY

in

COMMERCE

"Self attested"

and is entitled to all rights and honours thereto appertaining witness the seal of the university and the signatures of its officers this 13th July-2023

13th July-2023 ***Eleventh Annual Convocation***

Vice - Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

DIVYA BHARATHI

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF MANAGEMENT

for the thesis entitled

LIFESTYLE MARKETING TO THE NEW AGE INDIAN WOMEN WITH SPECIAL REFERENCE TO THE WOMEN IN H-K REGION

in recognition of the fulfillment of requirements for the said degree

PH 19 001766 Given under the seal of the University

USN: 3BR17PBA04

BELAGAVI

DATE : MARCH 10, 2022

VICE CHANCELLOR

Scanned by TapScanner

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

PH 23 001133

Provisional Degree Certificate

This is to certify that Mr. / Ms. **DINESH K**

is qualified for the award of the degree of

DOCTOR OF PHILOSOPHY IN FACULTY OF MANAGEMENT

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

AN EMPIRICAL EXAMINATION OF MARKET ANOMALIES IN INDIAN CAPITAL MARKET

with University Seat No. **3BR18PBA01** **DATE OF FINAL VIVA VOCE : 18-Sep-2024**

(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 : 28.09.2024

Registrar (Evaluation)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

ANANTHAPURAMU - 515 002, ANDHRA PRADESH, INDIA

Adm. No.15PH1007

Aadhaar No: XXXXXXXX6005

Sl. No. PC 0423900

PROVISIONAL CERTIFICATE

This is to certify that Mr. **RAVI KUMAR J S**

Son of Sri **SHANKRAPPA J** &

Smt **J LAXMI DEVI,**

has satisfied all the requirements for the award of

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

in the faculty of ***** Management *****

for the Thesis entitled,

" A STUDY ON IMPACT OF USER-GENERATED ONLINE REVIEWS WITH REFERENCE TO TRAVEL AND TOURISM INDUSTRY "

(Date of Viva Voce : 09.09.2024)

Tuesday, 29 October, 2024.

DIRECTOR OF EVALUATION
Anantapur - A.P.

REGISTRAR

ವಿಜಯನಗರ ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬಳ್ಳಾರಿ, ಕರ್ನಾಟಕ

VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY, BALLARI, KARNATAKA

ಸಂಖ್ಯೆ: ವಿಶ್ರೀಕೃವಿಬ/ಪಿಹೆಚ್.ಡಿ ಪ್ರಕಟಣೆ/ವಾಣಿಜ್ಯ/2024-25/956 ದಿನಾಂಕ: 06.08.2024

ಅಧಿಸೂಚನೆ

ಪಿಹೆಚ್.ಡಿ ಪದವಿ ಪ್ರಕಟಣೆ

ಈ ಕೆಳಗೆ ತಿಳಿಸಿದ ಸಂಶೋಧನಾ ಅಭ್ಯರ್ಥಿ ವಿಶ್ವವಿದ್ಯಾಲಯಕ್ಕೆ ಸಾದರಪಡಿಸಿದ ಮಹಾಪ್ರಬಂಧವನ್ನು ಪರೀಕ್ಷಕರು ಮೌಲ್ಯಮಾಪನ ಮಾಡಿ ಸಲ್ಲಿಸಿದ ವರದಿಗಳನ್ನು ಅನುಲಕ್ಷಿಸಿ ಸಂಬಂಧಿಸಿದ ಅಭ್ಯರ್ಥಿಗೆ ಈ ಕೆಳಗೆ ಕಾಣಿಸಿದ ವಿಷಯ ಹಾಗೂ ನಿಕಾಯದಲ್ಲಿ ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಯನ್ನು ಪ್ರಧಾನ ಮಾಡಲು ಮಾನ್ಯ ಕುಲಪತಿಗಳು, ಸಿಂಡಿಕೇಟ್ ಸಭೆಯ ಪರವಾಗಿ ಒಪ್ಪಿಗೆ ನೀಡಿದ್ದಾರೆ. ಆ ಪ್ರಕಾರ ಸದರಿ ಅಭ್ಯರ್ಥಿಯು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿ ಪಡೆಯಲು ಅರ್ಹರಿರುವರೆಂದು ಈ ಮೂಲಕ ಘೋಷಿಸಲಾಗಿದೆ.

ಅಭ್ಯರ್ಥಿಯ ಹೆಸರು	:	ಶ್ರೀ. ಪವನ್ ಕುಮಾರ್. ಎಸ್ ಎಸ್
ನೋಂದಣಿ ಸಂಖ್ಯೆ ಮತ್ತು ದಿನಾಂಕ.	:	**PHD21MCM09 / 20.01.2021**
ವಿಭಾಗ	:	ವಾಣಿಜ್ಯಶಾಸ್ತ್ರ
ಮಹಾ ಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ	:	"ಇಂಪ್ಯಾಕ್ಟ್ ಅಸೆಸ್‌ಮೆಂಟ್ ಆಫ್ ರೂರಲ್ ಟೂರಿಸಂ ಆನ್ ದಿ ಸೋಶಿಯೋ ಕಲ್ಚರಲ್ ಅಂಡ್ ಎಕಾನಮಿಕ್ ಸ್ಪೀಯರ್ಸ್ ಆಫ್ ಲೋಕಲ್ ಕಮ್ಯೂನಿಟಿ- ಎ ಸ್ಟಡೀ ಆಫ್ ಬಳ್ಳಾರಿ ಅಂಡ್ ಕೊಪ್ಪಳ ಡಿಸ್ಟ್ರಿಕ್ಟ್ಸ್ "
ನಿಕಾಯ	:	ವ್ಯವಹಾರ ಅಧ್ಯಯನ
ಮಾರ್ಗದರ್ಶಕರ ಹೆಸರು	:	ಪ್ರೊ. ರಮೇಶ್ .ಓ. ಓಲೇಕಾರ್ ವಾಣಿಜ್ಯಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ವಿಭಾಗ, ವಿಜಯನಗರ ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬಳ್ಳಾರಿ.

NOTIFICATION

DECLARATION OF DOCTOR OF PHILOSOPHY

The Vice-Chancellor of this University on behalf of the Syndicate has accepted the reports of the examiners for the award of the Degree of Doctor of Philosophy to the candidate in the subject & faculty as shown below. He / She is accordingly declared qualified to receive the degree of Doctor of Philosophy.

Name of the Candidate	:	**Mr. Pavan Kumar S S**
Registration No. & Date	:	**PHD21MCM09 / 20.01.2021**
Department	:	**Commerce**
Title of the Thesis	:	**"Impact Assessment of Rural Tourism on the Socio-Cultural and Economic Spheres of Local Community-A Study of Ballari and Koppal Districts"**
Faculty	:	**Business Studies**
Name of the Guide	:	**Prof. Ramesh.O.Olekar Dept. of Studies in Commerce, Vijayanagara Sri Krishnadevaraya University, Ballari.**

Registrar (Evaluation)
Vijayanagara Sri Krishnadevaraya University
Ballari

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

GIRISH KUMAR D

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF COMPUTER & INFORMATION SCIENCES

for the thesis entitled

RELIABLE AND SECURE STORAGE USING COLLABORATIVE TRUSTED AUTHORITIES IN CLOUD COMPUTING

in recognition of the fulfillment of requirements for the said degree

PH 19 001646 Given under the seal of the University

USN: 3BR16PEJ12

BELAGAVI

DATE : MARCH 10, 2022

VICE CHANCELLOR

பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு **தாதாநூர் ஹயத்அலி எஸ், 2023ஆம் ஆண்டு சூலை 21ல் 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 **DADANOOR HAYATHALI S,** 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 **21st JULY 2023.**

Title of the Thesis : Performance Enhancement Techniques of TCP Friendly Protocols for Video Streaming in Wireless Networks

Subject : **COMPUTER SCIENCE**

Given under the seal of the University

தேர்வாணையர் (பொ)
Controller of Examinations i/c

பதிவாளர் (பொ)
Registrar i/c

கோயம்புத்தூர்
Coimbatore
நாள்
Dated: 24th August 2023.
alphd1794

துணைவேந்தருக்காக
for Vice-Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM

KARNATAKA, INDIA

This is to certify that

Yadavalli Basavaraj

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

Study and Implementation of Six Sigma Solutions for the Steel Manufacturing Process - A Practical Approach

in recognition of the fulfillment of requirements for the said degree

PH 07 000083

Given under the seal of the University

H.P. Khincha

BELGAUM

DATE : FEB 10, 2009

VICE CHANCELLOR

Registration No.

100538ME10F04

National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

Doctor of Philosophy

on

Raghavendra Joshi

in recognition of the research work on

"STUDIES ON GIANT MAGNETOSTRICTIVE ACTUATOR FOR DISC BRAKE APPLICATION"

carried out in the Department of

Mechanical Engineering

and completed all the requirements

in March 2016

Given under the seal of the Institute,

on 12th November 2016

Registrar

Director

Vanitha Narayanan

Chairperson, Board of Governors

Sl. No. PH16033

Sl. No 00150

Sri Krishnadevaraya University

Faculty of Management

Reg. No. ------

Sri Krishnadevaraya University hereby confers the Degree of

Doctor of Philosophy

on V Venkataramana

Son / Daughter of V Panduranga

in recognition for his/her research work on

CONCURRENT ENGINEERING APPLICATION IN NEW PRODUCT DESIGN AND DEVELOPMENT A STUDY WITH REFERENCE TO TWO WHEELER INDUSTRY

Principal
Ballari Institute of Technology & Management,
BELLARY.

in the Department of MANAGEMENT

he / she having been found duly qualified for the same in 13.02.2012

13th February 2012

Given under the seal of the University

ANANTAPUR - 515 003,
Andhra Pradesh, India.

Dated : 30-07-2012

Vice-Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM

KARNATAKA, INDIA

This is to certify that

Raju Jadar

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

Fabrication and Performance Evaluation of Nanotechnology Integrated Next Generation Automotive Radiator

in recognition of the fulfillment of requirements for the said degree

PH 13 000877

Given under the seal of the University

USN: 1SI12PMN02

BELGAUM

DATE : January 09, 2018

VICE CHANCELLOR

Generated by CamScanner from intsig.com

Sheffield Hallam University

Shivaraj Alavandimath

has been awarded the degree of

Doctor of Philosophy

in recognition of a programme of research entitled

"Local Plastic Deformation in Pressure and Tensile Armour Layers of Flexible Risers"

carried out in collaboration with

Wellstream International Ltd

24 July 2009

Vice-Chancellor

Robert Winston.

Chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM

KARNATAKA, INDIA

This is to certify that

GANESHA B

has been conferred the Degree of

Doctor of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

Fault Diagnosis Of Critical Rotating Machinery Of Steel Industry Using Anfis

in recognition of the fulfillment of requirements for the said degree

PH 13 001565

Given under the seal of the University

USN: 4PS06PMN01

BELGAUM

DATE : **March 18, 2019**

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

COPY COPY

LAKSHMI KUMARI

has been conferred the Degree of

Doctor of Philosophy

COPY COPY

in

FACULTY OF MECHANICAL ENGINEERING SCIENCES

for the thesis entitled

STUDIES ON TQM CONCEPTS AND ITS IMPACT ON SMALL SCALE INDUSTRY

in recognition of the fulfillment of requirements for the said degree

PH 19 000885 Given under the seal of the University

USN: 3BR15PMJ01

BELAGAVI

DATE : APRIL 03, 2021

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

H M ANIL KUMAR

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF MECHANICAL ENGINEERING SCIENCES

for the thesis entitled

STUDY ON FRICTION STIR WELDING OF DISSIMILAR ALUMINIUM 5083-H111 AND 6082-T6 ALLOYS

in recognition of the fulfillment of requirements for the said degree

PH 19 000926 Given under the seal of the University

USN: 3BR15PMJ02

BELAGAVI

DATE : APRIL 03, 2021

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

COPY COPY

BANAKARA NAGARAJ

has been conferred the Degree of

Doctor of Philosophy

COPY COPY

in

FACULTY OF MECHANICAL ENGINEERING SCIENCES

for the thesis entitled

MODELING, ANALYSIS AND OPTIMIZATION OF WELD BEAD GEOMETRY IN HIGH POWER LASER WELDING

in recognition of the fulfillment of requirements for the said degree

PH 19 001105 Given under the seal of the University

USN: 3BR13PMN03

BELAGAVI

DATE : APRIL 03, 2021

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

MANJUNATHA T H

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF MECHANICAL ENGINEERING SCIENCES

for the thesis entitled

MECHANICAL AND TRIBOLOGICAL BEHAVIOUR OF NANO B4C PARTICULATES REINFORCED AL7075 ALLOY COMPOSITE

in recognition of the fulfillment of requirements for the said degree

PH 23 00597

Given under the seal of the University

USN: 3BR13PMN02

BELAGAVI

DATE : FEBRUARY 24, 2023

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

SANTOSH V JANAMATTI

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF MECHANICAL ENGINEERING SCIENCES

for the thesis entitled

INVESTIGATION ON SLIDING WEAR BEHAVIOUR OF ZINC ALLOY REINFORCED WITH NANO B4C COMPOSITE

in recognition of the fulfillment of requirements for the said degree

PH 23 00640

Given under the seal of the University

USN: 3BR17PMA06

BELAGAVI

DATE : FEBRUARY 24, 2023

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

SHIVARAMAKRISHNA A

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF MECHANICAL ENGINEERING SCIENCES

for the thesis entitled

STUDIES ON AL7075 REINFORCED WITH FE3O4 BASED COMPOSITE FOR AUTOMOTIVE APPLICATION

in recognition of the fulfillment of requirements for the said degree

PH 23 01073

Given under the seal of the University

USN: 3BR15PMJ03

Date of Viva Voce : 12-Jun-2023

BELAGAVI

DATE : AUGUST 01, 2023

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

PAVAN KUMAR B K

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF MECHANICAL ENGINEERING SCIENCES

for the thesis entitled

STUDIES ON VIBRATION ANALYSIS OF ROTATING MACHINES IN MANUFACTURING PROCESS USING FAULT DIAGNOSIS MONITORING TECHNIQUE

in recognition of the fulfillment of requirements for the said degree

PH 23 01082

Given under the seal of the University

USN: 3BR16PMJ01

Date of Viva Voce : 24-Jun-2023

BELAGAVI

DATE : AUGUST 01, 2023

VICE CHANCELLOR

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

This is to certify that

SHEKAR K

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF MECHANICAL ENGINEERING SCIENCES

for the thesis entitled

DESIGN AND DEVELOPMENT OF SOLAR PHOTOVOLTAIC/THERMAL (SPV/T) CROP DRYER FOR INTERMITTENT DRYING

in recognition of the fulfillment of requirements for the said degree

PH 23 01630

Given under the seal of the University

USN: 2KD16PMJ03

Date of Viva Voce : 25-Jan-2024

BELAGAVI

DATE : MARCH 07, 2024

VICE CHANCELLOR

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Gulbarga University

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

ಗುರುರಾಜ ಎನ್.

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಅಗಸ್ಟ್ 2010 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಗಣಿತ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 17ನೇ ಫೆಬ್ರುವರಿ ಎರಡು ಸಾವಿರದ ಹನ್ನೊಂದರಂದು ನೀಡಿದ್ದೇವೆ.
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

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

Gururaj N.

has been found duly qualified in August, 2010 for the award of the degree of Doctor of Philosophy. Hence the degree of

DOCTOR OF PHILOSOPHY

(Mathematics)

has been conferred on him at Gulbarga
on the 17th day of the month of February in the year Two Thousand Eleven.

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

ಗುಲಬರ್ಗಾ
Gulbarga

ದಿನಾಂಕ: 17-02-2011
Date : 17-02-2011

ಕುಲಪತಿ
Vice-chancellor

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Gulbarga University

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುರಾಧಿಪತಿ, ಸಹಕುರಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು
ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

ಡಿ. ಶೇಕ್ ಮೀರಾ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಜೂನ್ 2010 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಗಣಿತ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 17ನೇ ಫೆಬ್ರುವರಿ ಎರಡು ಸಾವಿರದ ಹನ್ನೊಂದರಂದು ನೀಡಿದ್ದೇವೆ.
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

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

D. Shaik Meera

has been found duly qualified in June, 2010 for the award of the degree of Doctor of Philosophy. Hence the degree of

DOCTOR OF PHILOSOPHY

(Mathematics)

has been conferred on him at Gulbarga
on the 17th day of the month of February in the year Two Thousand Eleven.

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

ಗುಲಬರ್ಗಾ
Gulbarga

ದಿನಾಂಕ: 17-02-2011
Date : 17-02-2011

ಕುಲಪತಿ
Vice-chancellor

Scanned with

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Gulbarga University

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

ಪ್ರಲ್ಹಾದ ಮಹಾಗಾಂವ್‌ಕರ್

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಜನೇವರಿ 2011 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಗಣಿತ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 17ನೇ ಫೆಬ್ರುವರಿ ಎರಡು ಸಾವಿರದ ಹನ್ನೊಂದರಂದು ಬೀಡಿದ್ದೇವೆ.
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

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

Pralhad Mahagaonker

has been found duly qualified in January, 2011 for the award of the degree of Doctor of Philosophy. Hence the degree of

DOCTOR OF PHILOSOPHY

(Mathematics)

has been conferred on him at Gulbarga
on the 17th day of the month of February in the year Two Thousand Eleven.

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

ಗುಲಬರ್ಗಾ
Gulbarga

ದಿನಾಂಕ: 17-02-2011
Date : 17-02-2011

ಕುಲಪತಿ
Vice-chancellor

Scanned with CamScanner

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Gulbarga University

ಮೂವತ್ತಾರನೆಯ ವಾರ್ಷಿಕ ಘಟಿಕೋತ್ಸವ

GULBARGA UNIVERSITY
Kalaburagi

The Thirty Sixth Annual Convocation

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

ಸೈಯದ ಮೊಹಿಯುದ್ದಿನ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಸೆಪ್ಟೆಂಬರ್, 2017 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ
(ಗಣಿತಶಾಸ್ತ್ರ)

ಪದವಿಯನ್ನು ಕಲಬುರಗಿಯಲ್ಲಿ 27ನೇ ಫೆಬ್ರವರಿ, ಎರಡು ಸಾವಿರದ ಹದಿನೆಂಟರಂದು ನೀಡಿದ್ದೇವೆ.
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

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

Syed Mohiuddin

has been found duly qualified in September, 2017 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 Kalaburgi on
27th February, Two Thousand Eighteen.

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

ಕಲಬುರ್ಗಿ
Kalaburagi

ದಿನಾಂಕ/Date: 27-02-2018

GULBARGA UNIVERSITY KALABURAGI

ಕುಲಪತಿ
Vice-Chancellor

PHDN 00024

ವಿಜಯನಗರ ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಬಳ್ಳಾರಿ, ಕರ್ನಾಟಕ

Vijayanagara Sri Krishnadevaraya University
Ballari, Karnataka

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor, the Syndicate and the Academic Council Members of the University do hereby confer upon that

Mr. Manjunath Muddalapuram

the Degree of

DOCTOR OF PHILOSOPHY IN MATHEMATICS

and is entitled to all right and honours thereto appertaining witness the seal of the University and the signatures of its officers this 29th December 2020

29th December 2020 — *Eighth Annual Convocation*

Vice - Chancellor

Scanned with CamScanner

PHDN 00169

ವಿಜಯನಗರ ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಬಳ್ಳಾರಿ, ಕರ್ನಾಟಕ

Vijayanagara Sri Krishnadevaraya University

Ballari, Karnataka

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor, the Syndicate and the Academic Council Members of the University do hereby confer upon that

Mrs. SUNEETHA KOLASANI

has been awarded the Degree of

DOCTOR OF PHILOSOPHY

in

MATHEMATICS

and is entitled to all rights and honours thereto appertaining witness the seal of the university and the signatures of its officers this 13th July-2023

13th July-2023

Eleventh Annual Convocation

Vice - Chancellor

PHDN 00104

ವಿಜಯನಗರ ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಬಳ್ಳಾರಿ, ಕರ್ನಾಟಕ

Vijayanagara Sri Krishnadevaraya University

Ballari, Karnataka

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor, the Syndicate and the Academic Council Members of the University do hereby confer upon that

Mrs. NAGAVENI K

has been awarded the Degree of

DOCTOR OF PHILOSOPHY

in

MATHEMATICS

and is entitled to all rights and honours thereto appertaining witness the seal of the university and the signatures of its officers this 12th April 2022

12th April 2022 ***Ninth Annual Convocation***

Vice - Chancellor

PHDN 00041

ವಿಜಯನಗರ ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಬಳ್ಳಾರಿ, ಕರ್ನಾಟಕ

Vijayanagara Sri Krishnadevaraya University
Ballari, Karnataka

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor, the Syndicate and the Academic Council Members of the University do hereby confer upon that

Mrs. Sushmitha Jain

the Degree of

DOCTOR OF PHILOSOPHY IN MATHEMATICS

and is entitled to all right and honours thereto appertaining witness the seal of the University and the signatures of its officers this 29th December 2020

29th December 2020

Eighth Annual Convocation

Vice - Chancellor

KA 37112

ಕುವೆಂಪು ವಿಶ್ವವಿದ್ಯಾಲಯ
Kuvempu University

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಮಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ,

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

ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟ್ ಸದಸ್ಯರಾದ ನಾವು

the members of the Academic Council and the Syndicate

Certify that

SUSHILABAI ADIGOND

ಇವರು ಪರೀಕ್ಷಕರಿಂದ ಪರೀಕ್ಷಿಸಲ್ಪಟ್ಟು, ಪರೀಕ್ಷಕರ ಮಂಡಳಿಯ ಶಿಫಾರಸ್ಸಿನಂತೆ,

on the recommendation of the Board of Examiners, admitted to the degree of

Doctor of Philosophy
(Mathematics)

ಪದವಿಗೆ ಅರ್ಹರಾಗಿರುತ್ತಾರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ

in recognition of the fulfilment of requirements

೨೮ನೇ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ಸದರಿ ಪದವಿಗೆ ಇವರನ್ನು ಅಂಗೀಕರಿಸಲಾಗಿದೆ.

for the said Degree at the TWENTY EIGHTH Convocation

ಅಧಿಸೂಚನೆ ದಿನಾಂಕ / Date of Notification : **29/08/2017**

ಘಟಿಕೋತ್ಸವ ದಿನಾಂಕ / Date of Convocation : **02/12/2017**

ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮೊಹರಿನೊಂದಿಗೆ ನೀಡಲಾಗಿದೆ.

Given under the seal of the University.

Jnana Sahyadri, Shankaraghatta-577451
Shivamogga District,
Karnataka, India

Date of Issue : 02/12/2017

KUS

ಕುಲಪತಿ
Vice-Chancellor

Gulbarga University

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಹಾಗೂ ಸೆನೆಟ್ ಸದಸ್ಯರಾದ ನಾವು

ಸುರೇಶ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ರಸಾಯನ ಶಾಸ್ತ್ರ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ ಒಂದು ಸಾವಿರದ ಒಂಬತ್ತ ನೂರ ತೊಂಬತ್ತೆರಡು ಜನವರಿ ಇಪ್ಪತ್ತೊಂದರಂದು ನೀಡಿದ್ದೇವೆ. ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

We, the Chancellor, Vice-Chancellor and Members of the Senate of the Gulbarga University Certify that the Degree of

DOCTOR OF PHILOSOPHY

(Chemistry)

has been conferred on the Twenty first day of the month of January in the year One thousand nine hundred and Ninety two at Gulbarga on

Suresh

who has been found duly qualified for the same.

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

ಗುಲಬರ್ಗಾ
Gulbarga
ದಿನಾಂಕ: ೨೧-೧-೧೯೯೨

N. Rudraiah
ಕುಲಪತಿ/Vice-Chancellor

000540

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ

KARNATAK UNIVERSITY

00540

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

ವೀರೇಂದ್ರ ಕುಮಾರ ಅಶೋಕ ಕುಮಾರ ಕೆಎ

ಇವರು ಸಂಬಂಧಿಸಿದ ಪದವಿ ಡಿಸೆಂಬರ ೨೦೧೫ ರಲ್ಲಿ

ಅರ್ಹರಾದ ನಿಮಿತ್ತ ಇವರಿಗೆ

VEERENDRA KUMAR ASHOK KUMAR KA

for having qualified for the Degree in December 2015

the Degree of

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ರಸಾಯನಶಾಸ್ತ್ರ

Doctor of Philosophy

CHEMISTRY

ಪದವಿ ಪ್ರದಾನವನ್ನು **ಧಾರವಾಡ** ದಲ್ಲಿ ಎರಡು ಸಾವಿರದಾ ಹದಿನಾರನೆಯ ಮೇ

ಇಪ್ಪತ್ತೆರಡ ರಂದು ಅಧಿಕೃತಗೊಳಿಸಿದ್ದೇವೆ.

has been conferred on him / her at Dharwad, on the Twentysecond day of the month of May in the year Two thousand sixteen.

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 : Industrial Chemistry
Thesis Title : "Synthesis, Characterization, Binding and Biological Evaluation of Some Heterocyclic Compounds"

ಕುಲಪತಿ *Vice-Chancellor*

2015/AR/P68

Scanned with CamScanner

PHDN 00152

ವಿಜಯನಗರ ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಬಳ್ಳಾರಿ, ಕರ್ನಾಟಕ

Vijayanagara Sri Krishnadevaraya University

Ballari, Karnataka

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor, the Syndicate and the Academic Council Members of the University do hereby confer upon that

Mr. SHARANAKUMAR T M

has been awarded the Degree of

DOCTOR OF PHILOSOPHY

in

CHEMISTRY

and is entitled to all rights and honours thereto appertaining witness the seal of the university and the signatures of its officers this 13th July-2023

13th July-2023

Eleventh Annual Convocation

Vice - Chancellor

PHDN 00036

ವಿಜಯನಗರ ಶ್ರೀ ಕೃಷ್ಣದೇವರಾಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಬಳ್ಳಾರಿ, ಕರ್ನಾಟಕ

Vijayanagara Sri Krishnadevaraya University
Ballari, Karnataka

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor, the Syndicate and the Academic Council Members of the University do hereby confer upon the

Smt. Veena V

the Degree of

DOCTOR OF PHILOSOPHY IN CHEMISTRY

and is entitled to all right and honours thereto appertaining witness the seal of the University and the signatures of its officers this 29th December 2020

29th December 2020 *Eighth Annual Convocation*

Vice Chancellor

Registration No.

121204EE12F03

National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

Doctor of Philosophy

on

Raghavendra P

in recognition of the research work on

"VOLTAGE REGULATION IN SMART GRIDS WITH DISTRIBUTED GENERATION SYSTEMS"

carried out in the Department of

Electrical And Electronics Engineering

and completed all the requirements

in April 2018

Given under the seal of the Institute,

on 10th November 2018

Registrar **Director** **Chairperson, Board of Governors**

Sl. No.**PH18050**

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Gulbarga University

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುರಾಧಿಪತಿ, ಸಹಕುರಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು
ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

ಮಾಚಪ್ಪ ಟಿ.

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಏಪ್ರೀಲ್ 2010 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಭೌತಶಾಸ್ತ್ರ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 17ನೇ ಫೆಬ್ರುವರಿ ಎರಡು ಸಾವಿರದ ಹನ್ನೊಂದರಂದು ನೀಡಿದ್ದೇವೆ.
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

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

Machappa T.

has been found duly qualified in April, 2010 for the award of the degree of Doctor of Philosophy. Hence the degree of

DOCTOR OF PHILOSOPHY

(Physics)

has been conferred on him at Gulbarga
on the 17th day of the month of February in the year Two Thousand Eleven.

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

ಗುಲಬರ್ಗಾ
Gulbarga

ದಿನಾಂಕ: 17-02-2011
Date : 17-02-2011

ಕುಲಪತಿ
Vice-chancellor

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Gulbarga University

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುರಾಧಿಪತಿ, ಸಹಕುರಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು
ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

ಬೊಮ್ಮನಹಾಳ್ ವಿಜಯಕುಮಾರ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಫೆಬ್ರುವರಿ 2011 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಭೌತಶಾಸ್ತ್ರ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 17ನೇ ಫೆಬ್ರುವರಿ ಎರಡು ಸಾವಿರದ ಹನ್ನೊಂದರಂದು ನೀಡಿದ್ದೇವೆ.
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ಸಹಿಯಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

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

Bommanahal Vijayakumar

has been found duly qualified in February, 2011 for the award of the degree of Doctor of Philosophy. Hence the degree of

DOCTOR OF PHILOSOPHY

(Physics)

has been conferred on him at Gulbarga
on the 17th day of the month of February in the year Two Thousand Eleven.

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

ಗುಲಬರ್ಗಾ
Gulbarga

ದಿನಾಂಕ: 17-02-2011
Date : 17-02-2011

ಕುಲಪತಿ
Vice-chancellor

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

KARNATAKA, INDIA

This is to certify that

SUNILKUMAR A

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF APPLIED SCIENCES (PHYSICS)

for the thesis entitled

IMPEDANCE SPECTROSCOPY AND SENSOR PROPERTIES OF CONDUCTING POLYMER COMPOSITES

in recognition of the fulfillment of requirements for the said degree

PH 19 001330 Given under the seal of the University

USN: 3BR15PGJ02

BELAGAVI

DATE : APRIL 03, 2021

VICE CHANCELLOR

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ

Gulbarga University

YADAVALLI BASAVARAJ

Digitally signed by YADAVALLI BASAVARAJ
DN: cn=YADAVALLI BASAVARAJ c=IN o=Personal
Reason: I am the author of this document
Location:
Date: 2025-01-15 13:00+05:30

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

ರಾಘವೇಂದ್ರ ಬಿ.

ಅವರು ಜೂನ್ ೨೦೧೧ ರ ಮಾಸ್ಟರ್ ಆಫ್ ಸಾಯಿನ್ಸ್ (ಭೌತಶಾಸ್ತ್ರ) ಪದವಿ
ಪರೀಕ್ಷೆಯಲ್ಲಿ ಪ್ರಥಮ ವರ್ಗದಲ್ಲಿ ಉತ್ತೀರ್ಣರಾಗಿದ್ದಾರೆಂದು ದೃಢೀಕರಿಸಿ ಅವರಿಗೆ

ಮಾಸ್ಟರ್ ಆಫ್ ಸಾಯಿನ್ಸ್

(ಭೌತಶಾಸ್ತ್ರ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ ೨೭ನೇ ಫೆಬ್ರುವರಿ ಎರಡು ಸಾವಿರದ ಹನ್ನೆರಡರಂದು ನೀಡಿದ್ದೇವೆ.
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

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

RAGHAVENDRA B.

has passed the examination for the degree of Master of Science (Physics) in June, 2011 in First Class. The degree of

Master of Science

(Physics)

has been conferred on him/her at Gulbarga
on the 27th day of the month of February in the year Two Thousand Twelve.
In testimony whereof are set the seal of the said University and the signature of the Vice-Chancellor

ಗುಲಬರ್ಗಾ
Gulbarga

ದಿನಾಂಕ : ೦೭-೦೫-೨೦೧೨
Date : 07-05-2012

ಕುಲಪತಿ
Vice-Chancellor