### SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

Accredited by NBA | Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi

Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



List of faculty members having Ph. D. /D.Sc. / D.Litt./ L.L.D along with particulars of degree certificates.

Name	Department	Designatio n	Degree awarding University	Subject	Year of degree awarded	Page
Prof. Dr. Thirumaleshwara Bhat	Mechanical Engineering	Principal & Professor	Manipal Academy of Higher Education, Manipal	Analytical and Numerical Estimation of Wear Rates of Polymer Fiber Composites and Experimental Corroboration	2006	1
Dr. Sudarshan Rao K	Mechanical Engineering	Professor	VTU Belagavi	Tribological behaviour of Composite Materials	2016	2
Dr. H. Udayaprasanna	Mechanical Engineering	Professor	National Institute of Technology Surthkal	Studies on Indentation, Creep behaviour and weldments of 316L type stainless steel and cast tin lead alloy	2010	3
Dr. Gajanan Anne	Mechanical Engineering	Associate Professor	National Institute of Technology Surthkal	Development and characteristics of ultrafine grained Mg-Zn/Al multilayer composites by accumulative roll bonding process.	2017	4
Dr. Raja Yateesh Yadav	Mechanical Engineering	Associate Professor	VTU Belagavi	Experimental and Numerical Investigation on Metal Foam in Air Cooling Heat Exchanges	2020	5
Dr. Madhukara Nayak	Mechanical Engineering	Assistant Professor (SG)	VTU Belagavi	An Analysis of Enterpremeurial Intention And Behaviour Amongst Engg Students in Coastal Karnataka	2022	6
Dr. Manjunath S	Mechanical Engineering	Assistant Professor (SG)	VTU Belagavi	Development Of A Dual Swirl Chamber For An IDI Engine And Investigations On Its Effect On Engine Performance Using a Biodiesel Blend	2023	7
Dr. Bharath K Bhat	Mechanical Engineering	Assistant Professor (SG)	VTU Belagavi	Numerical Investigation Of Anterior Cruciate Ligament(ACL) Reconstruction In Human Knee Joint	2021	8
Dr. Pavan Kumar	Mechanical Engineering	Asst. Professor (Sr.)	VTU Belagavi	Investigation on the Effect of Burnishing Ferrous and Non- Ferrous Materials on their Surface Characteristics	2021	9
Dr. Ganesh Kalagi	Mechanical Engineering	Asst. Professor (Sr.)	REVA University	Experimental Study on Mechanical Properties of Hybrid Natural Fiber Reinforced Polymer Composite Materials for Wind Turbine Blades	2020	10
Dr. Ananda Hegde	Mechanical Engineering	Associate Professor	Manipal Academy of Higher Education, Manipal	Mechinability and related studies on manganese dissolved austempered ductile iron	2019	11
Dr. Lolita Priya Castelino	Mathematics	Associate Professor	National Institute of Technology Surthkal		2013 incipal	12

SHRI MADHWA VADIRAJA

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Dr. Renita Sharon Monis	Mathematics	Assistant Professor (SG)	VTU Belagavi	Estimation of Unsteadys stability Derivatives for Delta Wings In High Speed Flow	2023	13
Dr. Ganesh Aithal	Electronics and Communicat ion Engineering	Professor	National Institute of Technology Surthkal	Algibra structure based on mixed redix system and Chinese reminder theorem for the generation of key sequence and their application in steam cipher system	2011	14
Dr. Sachin S Bhat	Electronics and Communicat ion Engineering	Professor	REVA University	Design and development of deep learning algorithm for the character recognition of ancient Kannada inscriptions	2020	15
Dr. Guruprasad	Electronics and Communicat ion Engineering	Associate Professor	Manipal Academy of Higher Education, Manipal	Investigation On Performance Improvement Of A LDO Voltage Regulator	2022	16
Dr. Asha C S	Electronics and Communicat ion Engineering	Associate Professor	National Institute of Technology Surthkal	Object tracking in RGB infrared imagery	2018	17
Dr. Raghavendra Rao P	Electronics and Communicat ion Engineering	Associate Professor	National Institute of Technology Surthkal	Investigation of control algorithum for PV system under partial shedding condition and their effect on the efficiency of DC-DC converter	2022	18
Dr. H. V. Balachandra Achar	Electronics and Communicat ion Engineering	Professor	Indian Institute of Technology Madras	Silicon Nanoporous Membranes for Biomolecular Separation	2014	19
Dr. Nagaraj Bhat	Computer Science & Engineering	Professor	VTU Belagavi	Weather informatic using remote sensing and geographic information system in high performance computing environment	2020	20
Dr. Soumya J Bhat	Computer Science & Engineering	Associate Professor	Manipal Academy of Higher Education, Manipal	Design of Fault-Tolernt Localization and deployment method for Wireless sensor Networks with irregular Terrains.	2022	21
Dr. Sadananda L	Computer Science & Engineering	Associate Professor	VTU Belagavi	Ml Approaches Towards Detecting Android Specific Advanced Malwares	2023	22
Dr. Bharti Panjwani	Computer Science & Engineering	Associate Professor	University Of Delhi	Design Analysis and Control Of Physiological Systems	2022	23
Dr. Raghavendra S	Computer Science & Engineering	Associate Professor	Bangalore University	Secure Data Storage and Retrieval Techniques for Cloud Computing	2018	24

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udwai D

### SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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Dr. Adesh N D	Computer Science & Engineering	Associate Professor	Manipal Academy of Higher Education, Manipal	Design and implimentation of efficient techniques for pocket scheduling and congestion controlin 4G LTE networks	2019	25
Dr. Vasudeva	Computer Science & Engineering	Professor	National Institute of Technology Surthkal	An Analytical Study of Sum and Difference Labelings of Graphs and their Applications	2011	26
Dr. Sandeep J Nayak	Civil Engineering	Professor	National Institute of Technology Surthkal	Planning and management of small scaleirrigation scheme in coastal Uttara kannada district Karnataka, India	2010	27
Dr. Deepika B V	Civil Engineering	Associate Professor	VTU Belagavi	Assesment of ground water volnarabilty using GIS based drastic model a case study in Udupi district, Karnataka state, India	2023	28
Dr. Anand V R	Civil Engineering	Associate Professor	VTU Belagavi	Study on arc fundation with blocks	2020	29
Dr. Sujay Raghavendra NagannD	Civil Engineering	Associate Professor	National Institute of Technology Surthkal	Assessment of spatio-Temporal variability of streambed hydroulic conductivity A csae study in the pavanje revier india	2019	30
Dr. Jayakesh K	Civil Engineering	Associate Professor	National Institute of Technology Surthkal	Experimental studies on interface bond streanth of ultra thin whitetopping pevements under static and dynamic loading condition	2019	31
Dr. K K Srinivasan	Chemisty	Professor	Mysore University	Chemisty	1986	32
Dr. C K Manjunath	Chemistry	Assistant Professor (SG)	Massachusetts Institute of Technology	Application of Neural Network and APUPA Design to Identify Neural Signals in Mentally Retarded Children	1998	33
Dr. Subbulakshmi N.Karanth	Chemistry	Associate Professor	Mangalore University	Structural and Cyclic Voltammetric Evaluation of some N, S-containing Hetercyclic Nutraceuticals	2019	34
Dr. Ravi Prabha K.	Chemistry	Assistant Professor (SG)	VTU Belagavi	Studies of Corrosion Inhibition of Aluminium By Using Simple And Fused Heterocyclic Compounds In Acidic Medium	2023	35
Dr. Reena Kumari P D	Chemistry	Associate Professor	National Institute of Technology Surthkal	Studies on corrosion inhibition studies of 6061 Al(SiC) composite in alkaline medium.	2012	36
Dr. Ravindra H J	Physics	Professor	Mangalore University	Crystal Growth Characterization and Non-Linear Optical Properties of D-π-A and D-π-A-π- D Type Chalcone Derivatives	2010	37

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115



## Manipal Academy of Higher Education

Deemed University

This is to certify that

### DR. THIRUMALESHWARA BHAT

has been admitted to the Degree of

Doctor of Philosophy (Ph.D.)

in recognition of his/her research work entitled

ANALYTICAL AND NUMERICAL ESTIMATION OF

WEAR RATES OF POLYMER FIBER COMPOSITES AND

EXPERIMENTAL CORROBORATION

and he/she having fulfilled the prescribed requirements

on 29/03/2006



007310

Vice-Chancellor

GIVEN UNDER THE SEAL OF MANIPAL ACADEMY OF HIGHER EDUCATION, MANIPAL, INDIA

ON THIS DATE January 02, 2007



SHRI MADHWA VADIRAJA

Vishwothama Nagar, Udupi Dist,

BANTAKAL - 574115



This is to certify that

### SUDARSHAN RAO K

has been conferred the Degree of

**Poctor** of Philosophy

in

Faculty of Mechanical Engineering Sciences

for the thesis entitled

A Study on Tribological Behaviour of Composite Materials

in recognition of the fulfillment of requirements for the said degree

PH 001744

Given under the seal of the University

USN: 4NI07PMN01

BELGAUM DATE :

May 27, 2016

VICE CHANCELL OF THE COLOR

Shri madhwa yadiraja Institute of technology & management

Vishwothama Nagar, Udupi Dist.





## National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

Doctor of Philosophy



on

Udaya Prasanna H

in recognition of the research work on

"Studies On Indentation Creep Behaviour: Aged Weldments Of 316L Type Stainless Steel And Cast Tin-Lead Alloys"

carried out in the Department of

Metallurgical And Materials Engineering

and completed all the requirements in April 2010

Given under the seal of the Institute, on 5<sup>th</sup> May 2010

PH09050

Director

- E ment

ATTESTED

Chairman, Board of Governors

SHRI MADHVIA VADIRA IA INSTITUTE OF TECHNOLOGY & MANAGEMENI

Vishwothama Nagar, Udupi Dist





## National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

## Doctor of Philosophy

on



Gajanan Anne

in recognition of the research work on

"DEVELOPMENT AND CHARACTERISTICS OF ULTRAFINE GRAINED Mg-Zn/AI MULTILAYER COMPOSITES BY ACCUMULATIVE ROLL BONDING PROCESS"

carried out in the Department of

Mechanical Engineering

and completed all the requirements

in November 2017

Given under the seal of the Institute,

on 10<sup>th</sup> November 2018

Registrar

Sl. No. PH18066

Director .

ATTESTED ATTESTED

Chairperson, Board of Governors

SHRI MADHWA VADIRAJA\*\*
INSTITUTE OF TECHNOLOGY & MANAGEMEN

Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115



This is to certify that

### RAJA YATEESH YADAV

has been conferred the Degree of

## Poctor of Philosophy

Faculty of Mechanical Engineering Sciences

for the thesis entitled

Experimental and Numerical Investigation on Metal Foam in Air Cooling Heat Exchangers

in recognition of the fulfillment of requirements for the said degree

PH 19 000544 Given under the seal of the University

USN: 1GG13PMN01

BELAGAVI

DATE

Feb 08, 2020

ATTESTED

VICE CHANCEL

SHRI MADHWA YADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udup! Dist.

BANTAKAL-574 HS



## This is to certify that

### **MADHUKARA**

has been conferred the Degree of

## **Poctor** of Philosophy

in

FACULTY OF MECHANICAL ENGINEERING SCIENCES

for the thesis entitled

AN ANALYSIS OF ENTREPRENEURIAL INTENTION AND BEHAVIOUR AMONGST ENGINEERING STUDENTS IN COASTAL KARNATAKA

in recognition of the fulfillment of requirements for the said degree

PH 001473

Given under the seal of the University

USN: 4NM17PMA02

BELAGAVI

DATE

MARCH 10, 2022



PHIICIPAL

VICE CHANCELLOR

SHRI MADHWA VADIRAJA

INSTITUTE OF TECHNOLOGY & MAHAGEMENT

Vishwothama Nagar, Udupi Dist. BANTAKAL - 573 H5



This is to certify that MANJUNATHA S

has been conferred the Degree of

Doctor of Philosophy

in

FACULTY OF MECHANICAL ENGINEERING SCIENCES

for the thesis entitled

DEVELOPMENT OF A DUAL SWIRL CHAMBER FOR AN IDI ENGINE AND INVESTIGATIONS ON ITS EFFECT ON ENGINE PERFORMANCE USING A BIODIESEL BLEND

in recognition of the fulfillment of requirements for the said degree

PH 00723

Given under the seal of the University

USN: 4SN16PMJ02

BELAGAVI DATE :

FEBRUARY 24, 2023

VICE CHANCELLOR

ATTESTE

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574115



This is to certify that

#### Dr. BHARATH K BHAT

has been conferred the degree of

### **Doctor of Philosophy**

Ph.D.

in recognition of his/her research work entitled

NUMERICAL INVESTIGATION OF ANTERIOR CRUCIATE LIGAMENT (ACL)
RECONSTRUCTION IN HUMAN KNEE JOINT

having fulfilled the prescribed requirements on 16-June-2021

Vice-Chancellor

Given under the real of Manipal Academy of Higher Education, Manipal - India : On thir date : November 62, 2021

ROW No. LORRODIOS

ATTESTED

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115 VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

This is to certify that

PAVANA KUMARA

has been conferred the Degree of

Aactor of Philosophy

in

**FACULTY OF MECHANICAL ENGINEERING SCIENCES** 

for the thesis entitled

INVESTIGATION ON THE EFFECT ON BURNISHING FERROUS AND NON-FERROUS MATERIALS ON THEIR SURFACE CHARACTERISTICS

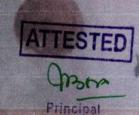
in recognition of the fulfillment of requirements for the said degree

94 000879 Given under the seal of the University

USN: 3PD12PMN05

BELAGAVI DATE :

APRIL 03, 2021



VICE CHANCELLOR

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115



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

### GANESH KALAGI

has been duly admitted to the Degree of

### Doctor of Philosophy

(Mechanical Engineering)

in recognition of the fulfillment of the requirement  $% \frac{\partial f}{\partial t}=\frac{\partial f}{\partial t}$ 

for the said degree in the year 2020.

Register No.: R15PME03

Given under the seal of the University



Date: 10-10-2020

Place: Bengaluru







Principal Principal

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothama Nagar, Udupi Dist.





No.: 232257

### OFFICE OF THE REGISTRAR - EVALUATION

manipal edu, Madhav Nagar, Manipal - 576 104, Karnataka, India

#### PROVISIONAL DEGREE CERTIFICATE

Date: 06.04.2019

Certified that Dr. ANANDA HEGDE (Reg. No.150900106)

has submitted the thesis entitled, "MACHINABILITY AND RELATED STUDIES ON MANGANESE DISSOLVED AUSTEMPERED DUCTILE IRON" for the award of degree of Doctor of Philosophy (Ph.D.) of Manipal Academy of Higher Education. The thesis has been approved by the university after completion of all the requirements as per the university guidelines and successful viva-voce examination held on 04.04.2019.



REGISTRAR - EVALUATION

ATTESTED

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothema Magar, Udupi Dist

3



## National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

## Doctor of Philosophy

on

## Lolita Priya Castelino

in recognition of the research work on
"A Study Of Harmonious And Complete Colorings Of Digraphs"

Carried out in the Department of

Mathematical And Computational Sciences

and completed all the requirements

in January 2013

Given under the seal of the Institute,

on 16<sup>th</sup> November 2013

Registrar

V. Mahachanga Director Chairman, Board of Govern

ATTESTED

Principa

INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothema Nagar, Udupi Dist. BANTAKAL - 574 H5

SI. No.

PH13042



## ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ ASVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

19 1354

Drobisianal Biegree Certificate

This is to certify that Mr./Ms. RENITA SHARON MONIS

qualified for the award

DOCTOR OF PHILOSOPHY IN FACULTY OF APPLIED SCIENCES (MATHEMATICS)

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

ESTIMATION OF UNSTEADY STABILITY DERIVATIVES FOR DELTA WINGS IN HIGH SPEED FLOW

with University Seat No. 4MT17PGA02 DATE OF FINAL VIVA VOCE: 04-Mar-23 (Subjected to the approval of Academic Senate and Executive Council of VTU) The degree will be conferred on him | her at the next convocation or thereafter,

Belagavi

Date: 30.03.2023



Registrar (Evaluation)

ATTESTE

Principal

Vishwothama Nagar, Udupi Dist.

DARTAKAL - 574 115





## National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

## Doctor of Philosophy



on

Ganesh

in recognition of the research work on

"Algebraic Structure Based On Mixed Radix System And Chinese Remainder Theorem For The Generation Of Key Sequences And Their Application In Stream Cipher System"

carried out in the Department of

### Electronics And Communication Engineering

and completed all the requirements
in February 2011
Given under the seal of the Institute,
on 25<sup>th</sup> September 2011

ATTESTED

H Grieles Registrar

Director

Chairman, Board of Governors

St. No. PH10023

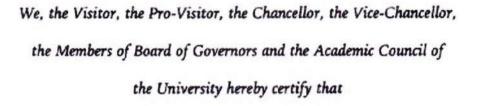
Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothama Nagar, Udupi Dist. BAMTAKAL - 574 115



Bengaluru, India



### SACHIN BHAT

has been duly admitted to the Degree of

Doctor of Philosophy

(Electronics and Communication Engineering)

in recognition of the fulfillment of the requirement for the said degree in the year 2020.

Register No.: R16PEC05

Given under the seal of the University



Date: 10-10-2020

Place: Bengaluru

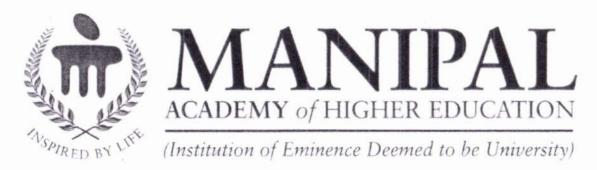






Principal Hri Madhwa Vadiraja Oftechnology & Managemen

Vishwothama Nagar, Udupi Dist



This is to certify that

Dr. GURUPRASAD

has been conferred the degree of

**Doctor of Philosophy** 

Ph.D.

in recognition of his/her research work entitled

INVESTIGATION ON PERFORMANCE IMPROVEMENT OF A LDO VOLTAGE REGULATOR

having fulfilled the prescribed requirements on 05-November-2021

Vice-Chancellor

Given under the seal of Manipal Academy of Higher Education, Manipal - India | On this date: November 18, 20

MAHE0133943

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist.





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

## Doctor of Philosophy

on



<u> Asha CS</u>

in recognition of the research work on
"OBJECT TRACKING IN RGB AND INFRARED IMAGERY"

carried out in the Department of

Electronics And Communication Engineering

and completed all the requirements

in August 2018

Given under the seal of the Institute,

on 10<sup>th</sup> November 2018

noene

Registrar

Director .

Chairperson, Board of Governors

Sl. No. PH18045





## National Institute of Technology Barnataka, Surathkal

hereby confers the degree of

## Doctor of Philosophy



011

Raghavendra Rao P

in recognition of the research work on

"INVESTIGATION OF CONTROL ALGORITHMS FOR PV SYSTEM UNDER PARTIAL SHADING CONDITIONS AND THEIR EFFECT ON THE EFFICIENCY OF DC-DC CONVERTER"

and completed all the requirements
in March 2022
Given under the seal of the Institute,
on 15th October 2022

ATTESTED Director

Chairperson, Board of Governors

SI. No. PH22045

SHRI MADHWA VADIRAJA

INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothema Nagar, Udupi Dist



## Indian Institute of Technology Madras

hereby confers the degree of Doctor of Philosophy of the Institute

### BALACHANDRA ACHAR HV

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



EE07D017

SILICON NANOPOROUS MEMBRANES FOR **BIOMOLECULAR SEPARATION** 

Given this day the Eighteenth of July, 2014 under the seal of the Institute.

ATTESTED

Principal

Chairman, Board of Governors

Vishwothama Nagar Udupi Dist,



This is to certify that

NAGARAJ BHAT

has been conferred the Degree of

Poctor of Philosophy

in

Faculty of Applied Sciences (MCA)

for the thesis entitled

Weather Informatics Using Remote Sensing & Geographic Information System in High Performance Computing Environment.

in recognition of the fulfillment of requirements for the said degree

PH 000570

Given under the seal of the University

USN: 1DS13PEN13

BELAGAVI

DATE

Feb 08, 2020

VICE CHANCELLON ATTESTED

Principal

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115



This is to certify that

Dr. SOUMYA J BHAT

has been conferred the degree of

Doctor of Philosophy Ph.D.

in recognition of his/her research work entitled

DESIGN OF FAULT-TOLERANT LOCALIZATION AND DEPLOYMENT METHOD FOR WIRELESS SENSOR NETWORKS WITH IRREGULAR TERRAINS

having fulfilled the prescribed requirements on 06-April-2022

Vice-Chancellor

Given under the seal of Manipal Academy of Higher Education, Manipal - India | On this date: November 18, 2022

ATTESTED No.: 180900113

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

Principal

Vishwethema Magar Udupi Dist. BAKE GOLL 584 H5



## This is to certify that SADANANDA L

has been conferred the Degree of

## Doctor of Philosophy

FACULTY OF COMPUTER & INFORMATION SCIENCES

for the thesis entitled

ML APPROACHES TOWARDS DETECTING ANDROID SPECIFIC ADVANCED MALWARES

in recognition of the fulfillment of requirements for the said degree

PH 00380

Given under the seal of the University

USN: 4PA16PEJ04

BELAGAVI

DATE

FEBRUARY 24, 2023



VICE CHANCELLOR

SHRI MADHWA VADIRAJA

INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist.

BANTOMAL STATES



## UNIVERSITY OF DELHI

### दिल्ली विश्वविद्यालय

Ref.No.Exam/Ph.D/2022/4116/ 225

Dated: 18th October, 2022

## Provisional Certificate

Department of Instrumentation & Control Engineering, who presented a thesis on "Design, Analysis and Control of Physiological Systems" in her name for the degree of Doctor of Philosophy (Ph.D), has been declared to have qualified for the award of the Degree of Doctor of Philosophy (Ph.D) of the University of Delhi, vide University Notification Ref. No. Exam.Br./Ph.D/Result/2022/4 at SI. No. 45 Dated 27<sup>th</sup> April, 2022.

Joint Registrar (Examination)

संयुक्त कुलसचिव (परीवा) Joint Registrar (Exams) दिल्ली विश्वविद्यालय University of Delhi दिल्ली—110007 / Delhi-110007 Dean (Examination)

Sean (Examinations)

Sean (Exam

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Magas Udupi Dist.
BANTANAL ET4 113

0001162 ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯ angalore University



ಬೆಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುರಾಧಿಸತ್ತಿ ಸಹಕುಲಾದಿಸತ

We the Chancellas, the Pro Chancellas, the View Chancellas ಕಾಲಪತ್ರಿ ಸಂಸ್ಥಿತಗಳ ಮತ್ತು ದಿವಾದಿಷವಾಕ ಪರಿಷತ್ತಿನ ಸರಸವಾದ ನಾವ

the investor of the Syndiciste C. Combenie & second

### Certify that

### Raghavendra.\$

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## ಡಾಕರ್ ಆಫ್ ಫಿಲಾಸಫಿ Doctor of Philosophy

(Faculty of Engineering - Computer Science & Engineering)

andiri emelara wareinya, yadaan an misaariinga sidaa timbre at an example some action of the color account behalf

2018

Secure Data Storage and Retrieval Techniques for Cloud Computing

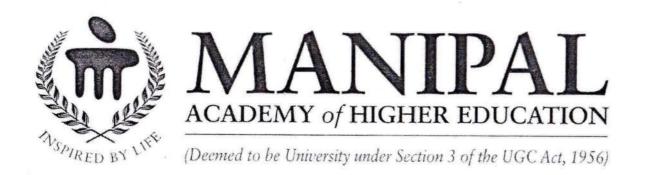
ವಿಶ್ವವಿದ್ಯಾಲಯದ ಅಧಿಕಾರ ಮುದೆಯೊಡನೆ ನೀಡಲಾಗಿದೆ

Given under the soul of the University

ಬೆಂಗಳೂರು

2 2 APR 2019

Principal SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar Udool Dist.



This is to certify that

Dr. ADESH N D

has been conferred the degree of

**Doctor of Philosophy** 

Ph.D.

in recognition of his/her research work entitled

DESIGN AND IMPLEMENTATION OF EFFICIENT TECHNIQUES FOR PACKET SCHEDULING AND CONGESTION CONTROL IN 4G LTE NETWORKS

having fulfilled the prescribed requirements on 31-October-2019

Vice-Chancellor

Given under the seal of Manipal Academy of Higher Education, Manipal - India | On this date: November 15,2019

Reg. No.: 140900109 5l. No.: MAHE0113798

Vishwothama Nagar, Uduni Dist.





## National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

## Doctor of Philosophy

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on

## Vasudeva

in recognition of the research work on

"An Analytical Study Of Sum And Difference Labelings Of Graphs And Their Applications"

carried out in the Department of

## Mathematical And Computational Sciences

and completed all the requirements
in June 2011
Given under the seal of the Institute,
on 25<sup>th</sup> September 2011

Registrar

Sl. No. PH10028

Director

Chairman, Board of Gove

ATTESTED

Principal

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMUN Vishwothama Nagar, Udupi Disk







## National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

## Doctor of Philosophy

on

## Sandeep Jayaram Nayak

in recognition of the research work on

"Planning An. I Management Of Small Scale Irrigation Schemes In Coastal Uttara Kannada District, Karnataka, India"

carried out in the Department of

Applied Mechanics And Hydraulics

and completed all the requirements

in April 2009

Given under the seal of the Institute, on 5th May 2010



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C. Meul

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more

SHRI SEDHWA VADIRAJA
INSTITUTE DE TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist
EMERIAKAL - 574 115



## This is to certify that

### DEEPIKA B V

has been conferred the Degree of

## Doctor of Philosophy

in

FACULTY OF CIVIL ENGINEERING SCIENCES

for the thesis entitled

ASSESSMENT OF GROUNDWATER VULNERABILITY USING GIS-BASED DRASTIC MODEL A CASE STUDY IN UDUPI DISTRICT, KARNATAKA STATE, INDIA

in recognition of the fulfillment of requirements for the said degree

PH 00191

Given under the seal of the University

USN: 1BM15PCJ05

BELAGAVI

DATE

FEBRUARY 24, 2023



VICE CHANCELLOR

SHRI MADHWA VADIRATA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nogar Udupi Dist. BANTAKAL -874 i15



This is to certify that

### ANAND V R

has been conferred the Degree of

Poctor of Philosophy

Faculty of Civil Engineering Sciences

for the thesis entitled

Study on Arch Foundation With Blocks

in recognition of the fulfillment of requirements for the said degree

IH 000070

Given under the seal of the University

USN: 4JN12PCN01

BELAGAVI

DATE : Feb 08, 2020



INSTITUTE OF TECHNOLOGY & MANAGEMEN Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115 Pational Institute of Technology Karnataka, Surathkal

## Provisional Degree Certificate

For the degree of

## Doctor of Philosophy

Certified that Mr. Sujay Raghavendra N (Reg. No. 145036AM14F03) in the Department of Applied Mechanics and Hydraulics has successfully completed all-prescribed requirements for the degree of Doctor of Philosophy (Ph.D.) of the Institute.

The date of viva voce examination was October 1, 2019.

The title of the thesis submitted is "ASSESSMENT OF SPATIO-TEMPORAL VARIABILITY OF STREAMBED HYDRAULIC CONDUCTIVITY: A CASE STUDY IN THE PAVANJE RIVER, INDIA".

This certificate is issued this day, the October 14, 2019, with the approval of the authorities.

ATTESTED

Uscop

Principal SHRI MADHWA VADIRAJA DEAN (Academic)

National Institute of Technology Karnataka, Surathkal

INSTITUTE OF TECHNOLOGY & MANAGEMENT Post Scinivasnagar, Mangalore-575025

Vishwothama Nagar, Udupi Dist. BALTASCAL -574 115 Pational Institute of Technology Karnataka, Surathkal

## Provisional Degree Certificate

For the degree of

## Doctor of Philosophy

Certified that Mr. Jayakesh K (Reg. No. 135058CV13F01) in the Department of Civil Engineering has successfully completed all prescribed requirements for the degree of Doctor of Philosophy (Ph.D.) of the Institute.

The date of viva voce examination was August 1, 2019.

The title of the thesis submitted is "EXPERIMENTAL STUDIES ON INTERFACE BOND STRENGTH OF ULTRATHIN WHITETOPPING PAVEMENTS UNDER STATIC AND DYNAMIC LOADING CONDITIONS".

This certificate is issued this day, the August 05, 2019 with the approval of the authorities.

ATTESTED

Principal

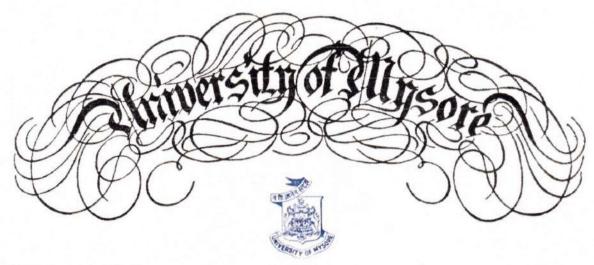
SHELMARKINA MARIRALA

DEAN (Academic)

National Institute of Technology
Karnataka, Surathkal

SHRI MADHWA YADIRAJA Post Srinivasnagar, Mangalore-575025

Vishwothama Nagar Udupi Dist. BANTAKAL - 574/115



We, the Chancellor, the Vice-Chancellor and the Senate of the University of Mysore do hereby certify that Spinivasan K K

has been admitted to the Degree of

### DOCTOR OF PHILOSOPHY

(Chemistry)

he having been duly certified to have passed the examination prescribed therefor in the year 1986.

Given under the seal of the University.

Mysore, March 21, 1986 Place and Date of Convocation



INSTITUTE OF THE OFFICE OF THE PROPERTY OF THE



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### MASSACHUSETTS INSTITUTE OF TECHNOLOGY

(AUTONOMOUS INSTITUTE)

Thu is to cretify that

### Mr.C.K.MANJUNATHA

has been admitted to the degree of

Doctor of Philosophy (Int. Ph.D)

in recognition of his her research work entitled

Application of neural network and APUPA design to identify neural

signals in mentally retarded children

& he she having fulfilled the prescribed regumenents

for the same

8" January 1998

The work is Patented under IPO:113/MIT:AI&NN. Given under the authenticity

Given under the seal of the Institute



BOSTON, USA

Date: 12-01-1998

Director

Perop

Principal

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY 8. MANAGEMENT

Vishwothame Nagar, Udupi Dist. BANTAKAL-574115

# おってもってい NANGALORE



ධ්නධ්ධ බල බල ගැ UNIVERSITY

Accredited by NAAC with 'A' Grade

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

ಸುಬ್ಬುಲಕ್ಷ್ಮಿ ಎನ್ ಕಾರಂತ್

ಅವರು ೨೦೧೯ ನೆಯ ವರ್ಷದ ಎಪ್ರಿಲ್ ತಿಂಗಳಿನಲ್ಲಿ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ನಿರ್ದಿಷ್ಟ ಅರ್ಹತೆಯನ್ನು ಪಡೆದಿರುವರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ ೨೦೧೯ರ ಏಪ್ರಿಲ್ ತಿಂಗಳ ಹನ್ನೆರಡನೆಯ ದಿನದಂದು ನಡೆದ ೩೭ನೆಯ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ನಿಕಾಯದ ರಸಾಯನಶಾಸ್ತ್ರ

ಅಧ್ಯಯನ ಮಂಡಳಿಯ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಅಂಗೀಕೃತರಾಗಿರುವ ಮುಂದು ಈ ಮೂಲಕ ದೃಢೀಕರಿಸುತ್ತೇವೆ.

We, the Chancellor, the Pro-Chancellos, Son Ving Chancellor, the members

of Syndicate and Academic Cousself of Mangalore University

do hereby make known that

Subbulakshmi N Karanth

has been admitted to the Degree of

### DOCTOR OF PHILOSOPHY

at the 37th Convocation held on the 12th day of April 2019 on being duty certified to have qualified for the same in the month of April 2019 for the thesis/ಮಹಾಪಬಂಧದ ಶೀರ್ಷಿಕೆ:

"STRUCTURAL AND BIOLOGICAL EVALUATION OF SOME N,S-CONTAINING HETEROCYCLIC NUTRACEUTICALS".

in the Faculty of Science and Technology under the Board of Studies in Chemistry ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಲಾಂಛನದೊಂದಿಗೆ ನೀಡಿದೆ. Given Under the Seal of the University.

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

ದಿನಾಂಕ Date: 12.04.2019







ಕ್ರಮ ಸಂಖ್ಯೆ : Sl. No. : 4716 / 2019

VICE CHANCELLOR

SHR! MADHWA VADIRA IA ISI: "IN 1 DE TECHNOLOGY & MANAGEMENT Vicinwothama Nagar, Udupi Dist,



## This is to certify that RAVIPRABHA K

has been conferred the Degree of

## Doctor of Philosophy

FACULTY OF APPLIED SCIENCES (CHEMISTRY)

for the thesis entitled

STUDIES OF CORROSION INHIBITION OF ALUMINIUM BY USING SIMPLE AND FUSED HETEROCYCLIC COMPOUNDS IN ACIDIC MEDIUM

in recognition of the fulfillment of requirements for the said degree

PH 00056

Given under the seal of the University

USN: 4NM13PGN03

BELAGAVI

DATE

**FEBRUARY 24, 2023** 

SHRI MADHWA YADIRAJA Institute of Technology & Management

Vishwothama Nagar, Udupi Dist.





## National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

## Doctor of Philosophy

on

## Reena Kumari PD

in recognition of the research work on

"Studies On Corrosion Inhibition Of 6061 Al-15 Vol. Pct. Si C (p) Composite In Alkaline Medium"

carried out in the Department of

Chemistry

and completed all the requirements

in October 2012

Given under the seal of the Institute,

on 10<sup>th</sup> November 2012

HGwell B Registrar

Vi, Mention and

Chairman, Board of Governor

Sl. No. PH12028

ATTESTED

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothama Nagar, Udupi Dist.

## ಮಂಗಳೂರು MANGALORE



## ವಿಶ್ವವಿದ್ಯಾನಿಲಯ UNIVERSITY

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಕುಲಾಧಿಪತಿಗಳು, ಸಹಕುಲಾಧಿಪತಿಗಳು, ಕುಲಪತಿಗಳು, ಸಿಂಡಿಕೇಟ್ ಮತ್ತು ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ತಿನ ಸದಸ್ಯರುಗಳಾದ ನಾವು ರವೀಂದ್ರ ಹೆಚ್.ಜೆ.

ಅವರು ೨೦೧೦ನೆಯ ವರ್ಷದ ಮಾರ್ಚ್ ತಿಂಗಳಿನಲ್ಲಿ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

ಪದವಿಗೆ ನಿರ್ದಿಷ್ಟ ಅರ್ಹತೆಯನ್ನು ಪಡೆದಿರುವರೆಂದು ಪ್ರಮಾಣೀಕೃತವಾಗಿರುವುದರಿಂದ ೨೦೧೦ ರ ಎಪ್ರಿಲ್ ತಿಂಗಳ ಆರನೇ ದಿನದಂದು ನಡೆದ ೨೮ನೆಯ ಘಟಿಕೋತ್ಸವದಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ನಿಕಾಯದ ಭೌತಶಾಸ್ತ್ರ ಅಧ್ಯಯನ ಮಂಡಳಿಯ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಅಂಗೀಕೃತರಾಗಿರುವರೆಂದು ಈ ಮೂಲಕ ದೃಢೀಕರಿಸುತ್ತೇವೆ.

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

### RAVINDRA H.J.

has been admitted to the Degree of

### DOCTOR OF PHILOSOPHY

at the 28 Convocation held on the 06th day of April 2010 on being duly certified to have qualified for the same in the month of March 2010 for the thesis / ಮಹಾಪ್ರಬಂಧದ ಶೀರ್ಷಿಕೆ:

"CRYSTAL GROWTH CHARACTERIZATION AND NON-LINEAR OPTICAL PROPERTIES OF D-π-A AND D-π-A-π-D TYPE CHALCONE DERIVATIVES"

in the faculty of Science and Technology under the Board of Studies in Physics ವಿಶ್ವವಿದ್ಯಾನಿಲಯದ ಲಾಂಛನದೊಂದಿಗೆ ನೀಡಿದೆ.

Given Under the Seal of the University





ATTESTED

morop

Principal
SHRI MADHWA VADIRAJA

INSTITUTE OF YECHNOLOGY & MANAGEMENT

Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115



e-m

ಕುಲಪತಿ VICE-CHANCELLOR

ಮಂಗಳಗಂಗೋತ್ರಿ, ಕರ್ನಾಟಕ, ಭಾರತ MANGALAGANGOTHRI,KARNATAKA,INDIA

ದಿನಾಂಕ/Date: 06.04.2010