



## Yeshwantrao Chavan College of Engineering

(An Autonomous Institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

Hingna Road, Wanadongri, Nagpur - 441 110

**NAAC Accredited with 'A++' Grade** Ph.: 07104-242919, 242623, 242588

#### **Summary of 2.4.2 (Year 2022-23)**

Number of PhD faculty available in the institute

Year	2022-23
No. of PhD faculty	109
No. of Full Time Teachers	328
% of PhD Faculty	33.23%

#### **Supporting Documents:**

- 1. Degree Certificate of Faculty
- 2. Notification of PhD

Dr. U. P. Waghe

(Principal)



### Degree Certificate of Faculty

"(Established by Government of Central Provinces Education Department by Notincestion No. 513
dated the 1- of August, 1923 a presently a State University governed by Malareshira Universities Act, 1994)"



### Doctor of Philozophy (अभियांभिकी आणि तंत्रकारण आचार्य)

(Faculty of Engineering & Technology)

This is to certify that

Shri Udaykumar Prakashohandra Waghe having

been found to be duly qualified on examination

of the thesis on "Development of Capacity

Building in Environmental Law" was admitted

to the degree of Hartor of Hartor of (Maintenance) in the Faculty of

Engineering & Technology in this Utniversity

in the year 2010.

Mag

Principal

Washwaptern floor of the of Engineering

Nagpur

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Vice Chancellor

# "(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"



## Anctor of Philozophy (Maculty of Angineering & Technology)

This is to certify that

Shri Shantanu Ramkrishna Khandeshwar having been

found to be duly qualified on examination of the

thesis on "Development of A Comprehensive Scheme

thesis on "Development of A Comprehensive Scheme

and Methodology for Natural Resources Accounting

in India" was admitted to the degree of

Boctor of Militosophy (Anairasi and Anaira)

in the Faculty of Engineering & Technology

in this University in the year 2012.

Nagpur Dated . . . . .

Shift Vice-Chancellor

# Hanne Hittier Hitter Hitter



## Anctor of Philosophy (Maculty of Engineering & Technology)

This is to certify that Shri Ajay Ramdas Gajbhiye having been found to be duly qualified on examination of the thesis on "Development of Broad Based Enviro Framework As A Prerequisite for Sustainable Development With Special Reference to India" was admitted to the degree of Boctor of Philosophy (31) Albailhabi and anama anat) in the Faculty of Engineering & Technology in this University in the year 2010.

Nagpur Duted: 26-11-2011

MesMal Vice-Chancellor नागपुर (भारत)

संजय पद्माकर राऊत को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. 15 सितंबर 2015 को संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है । इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को नवंबर 2014 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

## VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR (INDIA)

upon recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy** 

on

#### SANJAY PADMAKAR RAUT

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in November 2014 titled

"Development of Sustainable Construction Material from Industrial Wastes"

Given this day, 15 September 2015 Given under the seal of the Institute.

Pyzy Ja

Pathenulbusi

REGISTRAR

CHAIRMAN SENATE

CHAIRMAN BOARD OF GOVERNI RS

CEstablished by Government of Central Provinces Education Department by Hotfloadion No. 813

dated the 1st of August, 1923 & presently a Blate University governed by Maharashira Universities Act., 1904)

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The stablished by Government of

## Poctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्योगु of Angineering & Technology)

This is to certify that Shri Abhay Vinayakrao Patil having been found to be duly qualified on examination of the thesis on "Studies in Utilization of Silico Manganese Slag - A Non-Biodegradeable Waste Material From Ferroalloys Industry, In Construction" was admitted to the degree of Boctor of भिगंगिककार्माण (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in this University in the year 2014.

Nagpur

Dated : 26-9-2014

Aroop Kimar Vice-Chancellor





#### विश्वेश्वरथ्या राष्ट्रीय प्रौद्योगिकी संस्थान नागपुर (भारत)

सुधीर वसंतराव आंबेकर

को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. 15 सितंबर 2014 को

संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को अप्रैल 2014 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

## VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR (INDIA)

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

on

#### SUDHIR VASANTRAO AMBEKAR

who has fulfilled the requirements as prescribed under the regulations and has successfully defended the thesis in APRIL 2014 titled

"Evaluation of Performance of Microbial Fuel Cell for Treatment of Organic Waste and Electricity Harvesting"

Given this day, 15th September 2014 Given under the seal of the Institute.

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CHAIRMAN, SENATE

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Adaptur Hniberzity

"(Established by Government of Central Provinces Education Department by Notification No. 513
dated the 1" of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"



## Anctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (भियाधिषु of Fingineering & Technology)

This is to certify that Shri Rajendra Rupraoji Dighade having been found to be duly qualified on examination of the thesis on "Study of Some Aspects of Water Loss Management in Water Distribution System With Special Reference To Indian Conditions" was admitted to the degree of Martar of Milliasophy (Mulifiah) आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in this University in the year 2016.

Nagpur Dated: 19-11-2016

Vice-Chancellor

## Testablished by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharrashtra Public Universities Act, 2016 (Mah. Act No. Viol. 2017).

University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC



## Poctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (Haculty of Fingineering & Technology)

This is to certify that Shri Vilas Ganuji Meshram having been found to be duly qualified on examination of the thesis entitled "Development and Performance Study on Concrete Mixes Containing Flyash of Different Fineness" was admitted to the degree of Doctor of Thilosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in the Subject of Civil Engineering in this University in the year 2017.

Nagpur Dated: 3-12-2017 Vice-Chancellor

## विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान

माधुरी शंकरराव भगत

को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. 15 सितंबर 2017 को

संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को जनवरी 2017 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

## VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR (INDIA)

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

#### Madhuri Shankarrao Bhagat

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in January 2017 titled

"Development of Flood Risk Management System Using Hybrid Assessment Approach "

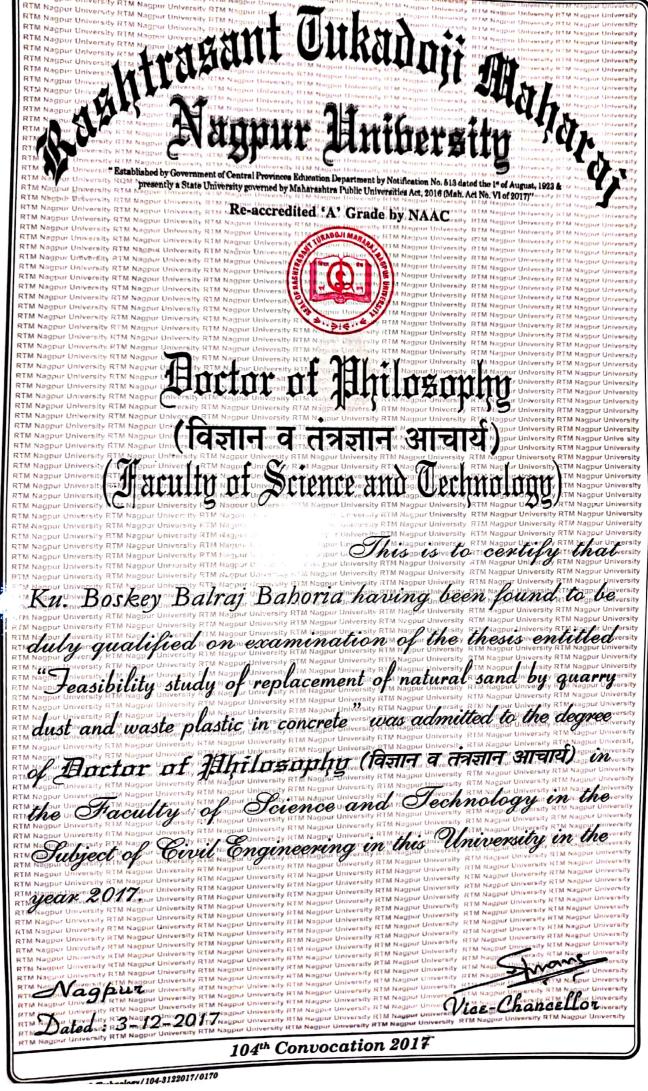
Given this day, 15 September 2017 Given under the seal of the Institute.

Skrath

कुलंसचिव REGISTRAR Nehallari

ाध्यक्षः, अधिषद CHAIRMAN, SENATE VRJamolar

अध्यक्ष, शासी मंडल CHAIRMAN, BOARD OF GOVERNORS



## 



### Doctor of Philosophy (अभियांत्रिकी आणि तंत्रहास्त्र आचार्य)

(Faculty of Engineering & Technology)

This is to certify that Shri Sharad Sudhakarrao Chaudhari having been found to be duly qualified on examination of the thesis on "Experimental Investigation on the Surface Finish Produced by Super Finishing Process & Comparison with Honing Process" was admitted to the degree of Boctor of Philosophy (अभियांत्रिकी आणि तंत्रकाक्त आचार्य) in the Faculty of Engineering & Technology in this University in the year 2011.

Nagpur

Dated: 26-11-2011

Maybul Vice-Chancellor

## \*(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"

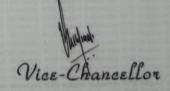


### Anctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (Faculty of Engineering & Technology)

This is to certify that Shri Jayant Pratap Giri having been found to be duly qualified on examination of the thesis on "Field Data Based Modeling and Simulation of Structural Subassemblies of Tractors" was admitted to the degree of Proctor of Aprilosophy (Apriland April Apriland April Apriland April Apriland April Ap

Nagpur

Dated: 20-2-2015



# Adaptur University Notification No. 513 (Established by Government of Central Provinces Education Department by Notification No. 513 (asted the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)



## Auculty of Engineering & Technology)

This is to certify that Shri Sachin T. Bagde having been found to be duly qualified on examination of the thesis on "Development of Law Cost Deburring Setup With Feedback Capability" was admitted to the degree of Poctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in this University in the year 2015.

Nagpur Duled: 29-8-2015 Vice-Chancellor

# Asiant Tukannii Mahamili Maham



## Doctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (Haculty of Engineering & Technology)

This is to certify that Shri Rajkumar Babanrao Chadge having been found to be duly qualified on examination of the thesis on "Identification and Evaluation of Critical Success Factors (CSFs) for Performance Improvement of Furniture Cluster" was admitted to the degree of Poctor of Alpilosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in this University in the year 2015.

Nagpur Dated: 29-8-2015

Wice-Chancellor

## Control of Central Provinces Education Department by Notification No. 613 dated the 1° of August, 1923 & presently a fitate University governed by Maharashtra Universities Act. 1999



#### Anctor of Ahilosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्यांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्यांत्रिकी आणि तंत्रशास्त्र आचार्य)

This is to certify that

Shri Sandip Sudhakarrao Khedkar having been found to be duly qualified on examination of the thesis on "Design and Experimental Analysis of Intelligent Fault Diagnosis System for Valve Casting" was admitted to the degree of Doctor of भिगंगिक्क कृष्णि (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in this University in the year 2015.

Nagpur

Dated : 29-8-2015

Vice-Chancellor

# CEstablished by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Universities Act., 1994)"



## Poctor of Philosophy (Anaisan and rians and) (Faculty of Engineering & Cechnology)

This is to certify that Shri Shrikant Rajabhau Jachak having been found to be duly qualified on examination of the thesis on "Performance Investigation of Adhesive Bonded Tools for Turning Operation" was admitted to the degree of Boctor of Philosophy (Alvaisand Allinantia) in the Faculty of Engineering & Technology in this University in the year 2016.

Nagpur

Dated: 19-11-2016

Vice-Chancellor



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

सचिन पापाराव अंबादे

को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. 15 सितंबर 2017 को

संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है ।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को मार्च 2017 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

## VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR (INDIA)

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

#### Sachin Paparao Ambade

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in March 2017 titled

"Studies on Effect of Welding on Corrosion of 409M Ferritic Stainless Steel and Mild Steel"

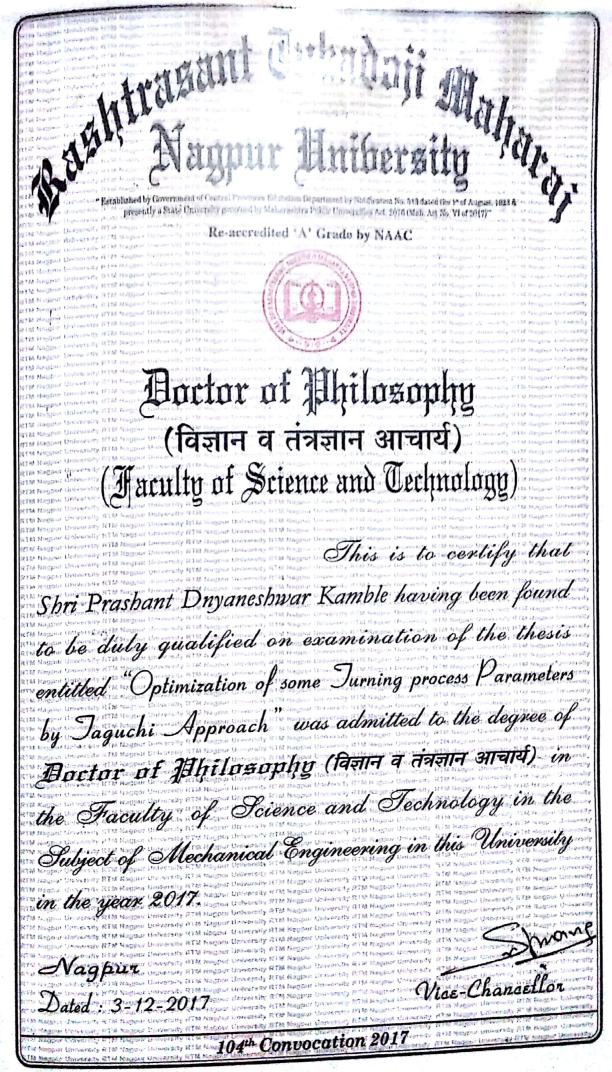
Given this day, 15 September 2017 Given under the seal of the Institute.

Spatte agenzation registrar

CHAIRMAN SENATE

VRJameer

CHAIRMAN, BOARD OF GOVERNORS





## विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान

सुनिल वसंत प्रयागी

को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. ३ मार्च २००९ को

संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को नवंबर 2008 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया।

## VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR (INDIA)

upon recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy** 

OF

Sunil Vasant Prayagi

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in November 2008 titled

Experimental Investigations on the Buoyancy Induced Flow in Ducts "

Given this day, 3rd March 2009 Given under the seal of the Institute.



and the

Channe

REGISTRAR

Mar.

CHAIRMAN, BOARD OF GOVERNORS

# Adapter Universities Act, 1990



### Doctor of Philosophy (अभियांत्रिकी आणि तंत्रकास्त्र आचार्य) (Faculty of Engineering & Technology)

This is to certify that

Shri Arun Pundlikrao Kedar having been found to be duly qualified on examination of the thesis on "A Model of Alternative Organizational Improvement Practices & Organizational Performance" was admitted to the degree of Bottor of Philosophy (Alternative) in the Faculty of Engineering & Technology in this University in the year 2011.

Nagpur

Dated : 26-11-2011

Sypul Vice-Chancellor

E & 73/98-2007/21/902



## विज्ञान व तंत्रज्ञान आचार्य Poctor of Philosophy

(Faculty of Science and Technology)

This is to certify that

Shri. Vijay Ramraoji Khawale

having been found to be duly qualified on examination of the thesis on

## Formulation Of Experimental Data Based Model For Heat Accumulation Process

was admitted to the degree of Aoctor of Philosophy in the subject Mechanical Engg. in the faculty of Science and Technology in this University in the year 2018.

Amravati: 20.12.2018



Vice-Chancellor



#### विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान नागपुर (मारत)

रविंद्र मधुकर मोहरील

को एतद् द्वारा अभिषद् की अनुशंसा पर आज दि. १५ सितवर २००९ को

संस्थान की मुद्रांकित

#### आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को अप्रैल 2009 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया।

## VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

#### Ravindra Madhukar Moharil

who has fullfilled the requirements as prescribed under the regulations and has successfully defended

the thesis in April 2009 titled

Design and Reliability Analysis of Solar Photovoltaic and Wind Energy Generation Systems "

Given this day, 15th September 2009 Given under the seal of the Institute.



THE HAIR SENATE

कुतराचिव क्राटाइरहरू

अध्यक्ष, शाती मंडल CHAIRMAN, BOARD OF GOVERNORS

### हिरदा। घोद्यागिद्यी संस्थाता

के शासी निकाय के अधिकार स्वरूप तथा तकनीकी परिषद की अनुशंसा पर सुगंत गोपालसव कदवाने

को,

डॉक्टर आफ फिलॉसोफी (इंजिनियरिंग)

की उपाधि प्रदान की जाती है एवं तदर्थ सभी अधिकार तथा सम्मान अधिकृत किये जाते हैं।

By the authority of the Board of Governors of the

#### BIRLA INSTITUTE OF TESTROLOGY

and upon recommendation of the Technical Council

SUMANT GOPALRAO KADWANE

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY (Engineering)

Witness the seal of the Institute and the signatures of its Officers this sixteenth day of March, two thousand ten.



Vice Chancelles
Registrar

Chairman Board of Governor



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

प्रफुल्लचंद्र मधुकर मेश्राम को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. 15 सितंबर 2015 को संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को सितंबर 2015 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

## VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR (INDIA)

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

#### PRAFULLACHANDRA MADHUKAR MESHRAM

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in September 2015 titled

"Improved Capacitor Voltage Balancing Methods for Modular Multilevel Converter (MMC) in VSC-HVDC Applications"

Given this day, 15 September 2015 Given under the seal of the Institute.

Jyerte agricultural

Heller GHATEN
CHAIRMAN SENATE

SHEERI, WHER STEET

## Chaldened by Consernment of Central Provinces Education Department by Notification No. 513 district the 1" of August, 1822 & presently a State University governed by Maharankers Universities Act, 1994)"



### Anctor of Ahilosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (Haculty of Angineering & Technology)

This is to certify that Smt. Sarala Prafulla Adhau having been found to be duly qualified on examination of the thesis on "Reliability and Economics Aspects of Solar PV and Micro-Hydro Generating Systems" was admitted to the degree of Doctor of Philosophy (Antifaction Micro Hydro Generating Systems was admitted to the degree of Doctor of Philosophy (Antifaction Micro Hydro Generating Systems) in the Faculty of Engineering & Technology in this University in the year 2015.

Nagpur Daled: 29-8-2015 Vice-Chancellor



## विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान

स्नेहल पंजाबराव गावंडे

को एतद् द्वारा अभिषद की अनुशंसा पर आज गुरुवार दि. 15 सितंबर 2016 को संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को फरवरी 2016 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

## VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR (INDIA)

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

or

#### Snehal Panjabrao Gawande

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in February 2016 titled

"Some Studies in Power Quality Improvement on Distribution System using DSTATCOM"

Given this day, Thursday 15 September 2016

Given under the Seal of the Institute.

SPATH MARKETERAR PEGISTRAR

Wehadhari stores offices

VRJamedey

OFFICE STORY

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#### विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान

नागपुर (भारत) भूषण योगीनाथ बागडे

को एतद दवारा अभिषद की अनुशंसा पर आज दि. 15 सितंबर 2018 को संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को जुलाई 2018 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

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

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

#### Bhushan Yoginath Bagde

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in July 2018 titled

"Transient Stability Constrained Optimal Power Flow Using Biogeography Based Optimization Technique "

> Given this day, 15 September 2018 Given under the seal of the Institute.



CHAIRMAN, SENATE

VR Jamestar

अध्यक्ष, शासी अंद्रल CHAIRMAN, BOARD OF GOVERNORS क्रम संख्या/sr. No.: 0001091





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

#### संजीव शरद गोखले

को एतद् द्वारा अभिषद की अनुशंसा पर आज रविवार दि.15 सितंबर 2019 को संस्थान की मुद्रांकित

#### आचार्य

उपाधि प्रदान करता है । इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को मार्च 2019 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

## VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR (INDIA)

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

on

#### Sanjeev Sharad Gokhale

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in March 2019 titled

"Some Studies in Overcurrent Relay Coordination using Metaheuristic Algorithms"

Given this day, Sunday 15th September 2019

Given under the seal of the Institute.

कुलसचिव

अध्यक्ष, अभिषद CHAIRMAN, SENATE अध्यक्ष, शासी मंडल CHAIRMAN, BOARD OF GOVERNORS

VRJamskir

## "Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC in Third Cycle



### Poctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Paculty of Science and Technology)

This is to certify that

Mr. Sandeep R. Gaigowal having been found to be duly qualified on examination of the thesis entitled "Distributed Power Flow Controller for Realizing Active Power Flow Control Through Transmission Line" was admitted to the degree of Portor of भिगंगिक कार्मण (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electrical Engineering in this University in the year 2020.

Nagpur

Dated: 09-07-2021

Vice-Chancellor

## Tensitioned by Schwerzenick of Careton Provinces Education Department by State Land State of August 1822 & presently a State Land State of Management of Careton Provinces Education Department by State Land State of August 1822 & presently a State Land State of Management of Managem

Pie accredited In' Grade by NAAC on York Cycle



## Auctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that

Shri Aniket Prakashrao Munshi having been found to be duly qualified on examination of the thesis entitled "Reliability Improvement in Renewable Power Generation Considering Power Processing Unit" was admitted to the degree of Antor of Ahilosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electrical Engineering in this University in the year 2020.

Nagpur

Dated : 09-07-2021

Vice-Chancellor

## "Established by Government of Central Provinces Education Department by Notification No. 613 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC



## Pactor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Yaculty of Science and Technology)

This is to certify that Smt. Sarika Dinesh Patil having been found to be duly qualified on examination of the thesis entitled "Hybrid Selective Harmonic Elimination Method for Multilevel Inverter" was admitted to the degree of Hoctor of Philosophy (बिज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electrical Engineering in this University in the year 2020.

Nagpur Dated : 18-1-2020 Vice-Chancellor

#### INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

### Doctor of Philosophy

on

#### Milind Madhukar Mushrif

in recognition of the research work on

#### Soft Computing approach for Color Image Segmentation and Texture Classification

Given under the seal of the Institute at Kharagpur on the Seventeenth day of July, Two Thousand and Ten

Registrar



Director

Handard Tukadoji Mahamada Mangur University Mahamada by Northead Mahamada by Northead Mahamada by Northead Mahamada by Northead Mahamada M

### Poctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्यांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्यांत्रिकी आणि तंत्रशास्त्र आचार्य)

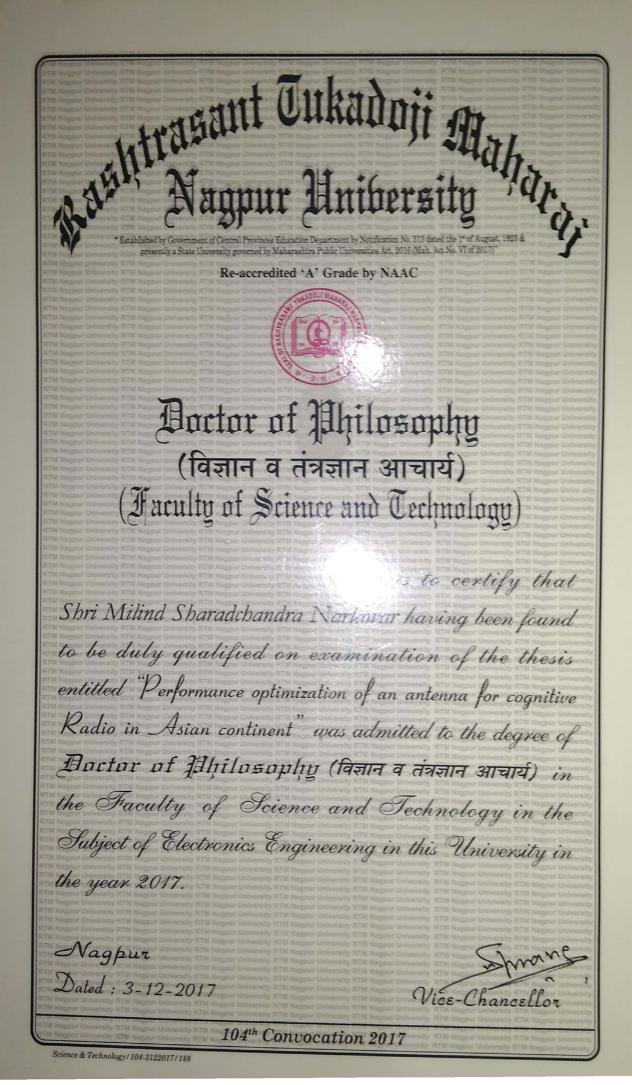
This is to certify that Shri Manish Devendra Chawhan having been found to be duly qualified on examination of the thesis on "Cross Layer Design for Multimode Wireless Communication" was admitted to the degree of Hoctor of Hillosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in this University in the year 2013.

Nagpur

Dated: 26-9-2014

Anoop Kunav Vice-Chancellor





Hannu Hunger Att.

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"



### Acctor of Ahilosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (Faculty of Engineering & Technology)

This is to certify that Shri Pravin Wasudeorao Raut having been found to be duly qualified on examination of the thesis on "Design and Implementation of FGA Based MIMO Encoding and Decoding in Wireless Communication" was admitted to the degree of Boctor of Appilozophy (Appilozophy Appilozophy Appilozophy Appilozophy Appilozophy Appilozophy & Technology in this University in the year 2015.

Vice-Chancellor

Nagpur

Dated: 20-2-2015

# Aughur Hniverzity (Astablished by Government of Central Provinces Education Department by Notification No. 513 claired the 1° of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)



#### Anctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्यांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्यांत्रिकी आणि तंत्रशास्त्र आचार्य)

This is to certify that Shri Dinesh Baburao Bhoyar having been found to be duly qualified on examination of the thesis on "Design and Implementation of Efficient Channel Estimation Whethod for MIMO System" was admitted to the degree of Floctor of Allpilosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in this University in the year 2016.

Nagpur Daled : 19-11-2016 Vice-Chancellor

## \*Established by Government of Central Provinces Education Department by Notification No. 518 dated the 1° of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)\*

Re-accredited 'A' Grade by NAAC



### Acceltor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (Faculty of Engineering & Technology)

This is to certify that Ku. Yogita Kewalram Dubey having been found to be duly qualified on examination of the thesis entitled "Development of Algorithms for Quantitative analysis and Assessment of Brain Images" was admitted to the degree of Portor of Alpilosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in the Subject of Electronics Engineering in this University in the year 2017.

Nagpur Dated : 3-12-2017

Vice-Chancellor

## Hagpur Hnibersity "Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1\* of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC



### Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that Ku. Nita Mahadeo Nimbarte having been found to be duly qualified on examination of the thesis entitled "Feature Extraction for Detection of Diseases in Retinopathy Images" was admitted to the degree of Bactor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in

Nagpur Dated: 3-12-2017

the year 2017.

Vice-Chancellor

### Attasant Tukadoji Mah Augpur University \*\*Enablished by Consensed Central Provinces School and by Nordessian No. 513 densed in 18th Stagent. 1871.

Re-accredited 'A' Grade by NAAC



### Acctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that Ku. Megha Bhupendra Chakole having been found to be duly qualified on examination of the thesis entitled "Strategies for performance evaluation of wavelet packet modulation in wireless adhoc networks" was admitted to the degree of Pactor of Philosophy (विज्ञान व तंत्रज्ञान आवार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this

Nagpur

Dated : 3-12-2017

University in the year 2017.

Vice-Chancellor

Re-accredited 'A' Grade by NAAC



### Poctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (अaculty of Science and Technology)

This is to certify that Smt. Amoli Devesh Belsare having been found to be duly qualified on examination of the thesis entitled "Computer aided image analysis & evaluation of pathology images" was admitted to the degree of Boctor of Philosophy (Asia a तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University

### "Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2018 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC



### Poctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that Shri Sachin Sheshrao Khade having been found to be duly qualified on examination of the thesis entitled "Performance optimization of micro-strip antenna for wireless communication" was admitted to the degree of Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2018.

Nagpur Dated: 19-1-2019 Vice-Chancellor

### Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1° of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Man. Act No. VI of 2017)

Re-accredited 'A' Grade by NAAC



### Poctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that

Shri Prabhakar Domaji Dorge having been found to be duly qualified on examination of the thesis entitled "Design of VANET for improvement of Qos with different mobility patterns" was admitted to the degree of मिक्टाका की भिगंधिक कार्मिष् (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2019.

Nagpur

Dated: 19-1-2019

Vice-Chancellor

# Hagnur Universities Act, 2016 (Man. Act No. VI of 2017).

Re-accredited 'A' Grade by NAAC in Third Cycle



### Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Naculty of Science and Technology)

This is to certify that Smt. Bharati Yashwant Masram having been found to be duly qualified on examination of the thesis entitled "Design and Implementation of CORDIC-based VLSI Architectures for DSP Algorithms" was admitted to the degree of Bactor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2020.

Nagpur Dated: 09-07-2021 Vice-Chancellor

# "Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August,1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC in Third Cycle



### Anctor of Ahilosophy (विज्ञान व तंत्रज्ञान आचार्य) (अaculty of Science and Technology)

This is to certify that

Ms. Minal Ruprao Potdukhe having been found to be duly qualified on examination of the thesis entitled "Energy Efficient Adiabaric Logic Approach for Low Power VLSI Digital Design" was admitted to the degree of Portor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2020.

Nagpur

Dated: 09-07-2021

OF.

Vice-Chancellor

### Basic Samuel Cukadaji Maha Basic Magnur University Adam 19 Constitution Department by Maillening No. 513 Comm. To at Applicable Soc. 2013 Sec. Ad So. 31 of 2013.

Re-accredited 'A' Grade by NAAC in Third Cycle



### Poctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that

Ms. Rashmi Balchandra Gadge having been found to be duly qualified on examination of the thesis entitled "Design and Implementation of Low Power High Speed Multiplier for DSP Applications" was admitted to the degree of Bactor of Philosophy (Pana a and Analy) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2020.

Nagpur

Dated: 09-07-2021

of

Vice-Chancellor

### "Established by Government of Central Provinces Education Department by Notification Pro. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Public University and Provinces Education Provinces Education Department by Notification Pro. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Public University Public University (Plath. Act No. VI of 2017)"

Re-accredited 'A' Grade by NA.



### Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Naculty of Science and Technology)

This is to certify that Shri. Vipin Dadarao Bondre having been found to be duly qualified on examination of the thesis entitled "Design of Multipath Routing Protocol for Emergency Services in VANET" was admitted to the degree of Boctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2020.

Nagpur

Dated : 09-07-2021

ON!

Vice-Chancellor

108th Convocation 2021

Science & Technology/10809072021/170



#### अभियांत्रिकी आचार्य Doctor of Philosophy

(Faculty of Engineering and Technology).

This is to certify that

Shri Pradeep Tulshiram Karule

having been found to be duly qualified on examination of the thests on

Development Of Optimal Decision Support System

For Diagnosis Of Hepatitis Disease Using Neural

Network Approach

was admitted to the degree of Doctor of Philosophy in the Faculty of Engineering and Technology in this University in the year 2010

21 May, 2011



Vice-Chanceller

Addition Hamber Hambership Management of Certral Provinces Education Department by Motification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharastras Universities Act, 1994)"

MAHARAL RESERVED

### Boctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (भिषटप्रतिष्ठ of Angineering & Technology)

This is to certify that Shri Atish Shivraj Khobragade having been found to be duly qualified on examination of the thesis on "Development of Dynamic Models for Region Tracking Using Texture & Motion" was admitted to the degree of Boctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in this University in the year 2013.

Nagpur

Dated: 26-9-2014

ASSOCIATE PROFESSOR

Aroop Kimar Vice-Chancellor

M The Control of



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### Anctor of Ahilosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (अधियांत्रिकी आणि तंत्रशास्त्र आचार्य) (अधियांत्रिकी आणि तंत्रशास्त्र आचार्य)

This is to certify that Smt. Shubhangi Vikas Rathkanthiwar having been found to be duly qualified on examination of the thesis on "Performance Improvement in Neural Based Receiver Structures in Fading Multipath Channels" was admitted to the degree of Fortor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in this University in the year 2013.

Nagpur

Dated : 26-9-2014

Aroop Kumar Vice-Chancellor

## "(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra, Universities Act, 1994)"



### Anctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (Haculty of Engineering & Technology)

Smt. Ujwala Sushil Ghodes war having been found to be duly qualified on examination of the thesis on "Design of Optimized Reed-Solomon Encoder/Decoder Chip for Communication Applications" was admitted to the degree of Baratar of Applications was admitted to the degree of Baratar of Applications of Engineering & Technology in this University in the year 2015.

Nagpur

Dated: 29-8-2015

Vice-Chancellor

Adapter Hintuers by Notification No. 513
dated the 1" of August, 1923 & presently a State University government by Mahamashtra Universities Ant., 1904)"



### Doctor of Philosophy

(अभियांत्रिकी आणि तंत्रशास्त्र आचार्य)

(Faculty of Engineering & Technology)

This is to certify that Shri Rajesh Dattatray Thakare having been found to be duly qualified on examination of the thesis on "Coexistence Issue of Ultra Wideband System With Existing Wireless Communication Systems" was admitted to the degree of Boctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of Engineering & Technology in this University in the year 2014.

Nagpur

Dated: 26-9-2014

Attes HOD HOD Nartment of Electronics

Aroof Kmangaics Engineer Vice-Chancellor

Engineering & Technology/100-36914/51

# Castalished by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"



### Anctor of Ahilosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्यांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्यांत्रिकी आणि तंत्रशास्त्र आचार्य)

This is to certify that Smt. Prachi Prasanna Palsodkar having been found to be duly qualified on examination of the thesis on "Study and Optimization of High Speed Analog to Digital Converter" was admitted to the degree of Hoctor of Philosophy (Affaitan) And Analog to Technology in this University in the year 2016.

A STATE OF THE PROPERTY OF THE



Ductor of Philosophy (Analy of Engineering & Technology)

Shri Yogesh Albok Suryawanshi having been found.

to be duty qualified on examination of the thesis.

an "The Security of Vehicular Adhac Networks" enus admitted to the degree of Boxtor of Whilosophy

(अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of

Engineering & Technology in this University in

the year 2016.

Nagpur

Dated : 19-11-2016

Vice-Chancellor



### विज्ञान व तंत्रज्ञान आचार्य Poctor of Philosophy

(Faculty of Science and Technology)

This is to certify that

Shri. Prasanna Mukund Palsodkar

having been found to be duly qualified on
examination of the thesis on

A Novel Approach To Optimize Floating Point Arithmetic Unit For Some Digital Signal Processing Applications

was admitted to the degree of Doctor of Philosophy in the subject **Electronics & Telecomm**. **Engg**. in the faculty of **Science and Technology** in this University in the year 2017.

Amravati: 23.02.2018



Vice-Chancellor



#### विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान

नागपुर (भारत) प्रवीण प्ंडलिकराव झोडे

को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. 15 सितंबर 2018 को संस्थान की म्द्रांकित

आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को अगस्त 2018 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

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

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

#### Pravin Pundlikrao Zode

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in August 2018 titled

"Side Channel Attack Resistant Architecture for Elliptic Curve Cryptography"

> Given this day, 15 September 2018 Given under the seal of the Institute.



CHAIRMAN, SENATE

CHAIRMAN, BOARD OF GOVERNORS

# Bashtrasant Tukadoji Mahan Rashtrasant Unkadoji Mahan Rashtrasant Unkadoji



# Boctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

Ku. Monica Vijay Mankar having been found to be duly qualified on examination of the three entitled "Analysis, Design & VLSI implementation of advanced error correction codes" was admitted to the degree of Bactar of Philosophy (fame a strang wood) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2019.

Nagpur Dated: 18-1-2020 Vice-Chanceller

### ashtrasant Tukadoji Mahar Annur University

Re-accredited 'A' Grade by NAAC



### Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that Ku. Tejaswini Prakash Deshmukh having been found to be duly qualified on examination of the thesis entitled "Development of new algorithm for efficient reduction of additive complexity of cyclotomic fast fourier transform" was admitted to the degree of Boctor of Ahilosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2019.

Nagpur Dated: 18-1-2020

Vice-Chancellor

# "Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC



### Poctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that Ku. Shweta Pandurang Hajare having been found to be duly qualified on examination of the thesis entitled "Comparative study of multiple valued logic & implementation of various quaternary logical arithmetic system for performance optimization" was admitted to the degree of Pactor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2019.

Nagpur

Dated: 18-1-2020

Vice-Chancellor

### Bash Laguar Dukadoji Maharahi Maharahi



### Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that Mr. Sandeep M. Kakde having been found to be duly qualified on examination of the thesis entitled "VLSI Implementation of high performance decoder architectures for low density parity check codes" was admitted to the degree of Poctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2020.

Nagpur Dated : 09-07-2021 Vice-Chancellor

# Salation of Contral Provinces Education Department by Noofication No. 513 dated the 1" of August, 1923 a presently a State University governed by Matureshtra Public Littiversities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC in Third Cycle



### Accelor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Cechnology)

This is to certify that Smt. Pradnya P. Zode having been found to be duly qualified on examination of the thesis entitled "Design of Low Power High Speed VLSI Digital Signal Processing System" was admitted to the degree of Boctor of Philosophy (बिज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2020.

Nagpur Dated: 09-07-2021 Vice-Chancellor

### Lashtrasant Tukadoji Mahar Lashtrasant Tukadoji Mahar

Re-accredited 'A' Grade by NAAC



#### Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that

Rupali Sachin Balpande having been found to be duly qualified on examination of the thesis entitled "Design of algorithm for performance analysis of fractal image encoding" was admitted to the degree of Doctor of Ahilosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2021.

Nagpur Dated: 25-05-2022

Vice-Chancellon

### Established by Government of Central Provinces Education Department by Notification No. 513. dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).

Re-accredited 'A' Grade by NAAC



#### Anctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that Ankita Deorao Tijare having been found to be duly qualified on examination of the thesis entitled "Parametric Classification of VLSI Analog Multipliers & Application Specific Performance Optimization" was admitted to the degree of Bortor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Electronics Engineering in this University in the year 2021.

Nagpur

Dated: 25-05-2022

0

Vice-Chancellor

109th Convocation 2022

Science & Technology/109-25052022/083

### SAM HIGGINBOTTOM INSTITUTE OF AGRICULTURE, TECHNOLOGY & SCIENCES

#### **DEEMED-TO-BE-UNIVERSITY**

(Formerly Allahabad Agricultural Institute)
ALLAHABAD-211007, U.P.-INDIA
(A Christian University of Rural Life)

SL. No.:PHD000031 ID No.:03PHCOMP002

By the authority of its Executive Council and upon the recommendation of its Academic Council it is hereby conferred upon **Manali Makarand Kshirsagar** Son/Daughter of **Mr. Manikrao Baitule** the Degree of

**Doctor of Philosophy in Computer Science** 

programme of the

Faculty of Engineering and Technology on Oct 28, 2009

with all its privileges and responsibilities given under the seal of Sam Higginbottom Institute of Agriculture, Technology & Sciences At Allahabad in the State of Uttar Pradesh, India On the Ninth day of April Two Thousand and Ten

Prof. (Dr.) A.K.A. Lawrence

Registrar

Vice-Chancellor

Prof. (Dr.) Henry Shepherd

Pro. Vice-Chancellor

Prof. (Dr.) Rajendra B. Lal



सरदार वल्लभभाई राष्ट्रीय प्रौधोगिकी संस्थान, सूरत, (गुजरात, भारत) SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA)

#### कविता रामयश सिंह को एतदुद्वारा

#### संगणक अभियांत्रिकी में

#### विद्या वाचरपति

की उपाधि प्रदान करता है।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि. आवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा अप्रैल, २०१४ में अपने शोध-निबंध के सफल पक्षपोषण के उपरांत. सूरत, भारतीय गणराज्य में आज एक फरवरी, २०१५ को दी गई है।

> upon recommendation of the Senate hereby confers the degree of

### Doctor of Philosophy

in Computer Engineering
on
Kavita Ramyash Singh

who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended

in April 2014, the thesis entitled:

Illumination and Pose Invariant Face Recognition Using Rough Set Theory. Given this day, under the seal of the Institute at Surat in the Republic of India, the First of February, 2015.





Senate



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### Pagpur Hniherzity \*\*Fetablished by Government of Central Provinces Education Department by Notification No. 513 dated the F of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)\*

Re-accredited 'A' Grade by NAAC



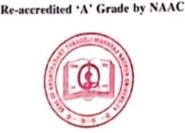
#### Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that

Shri Shivkumar Jaywantrao Karale having been found to be duly qualified on examination of the thesis entitled "Domain Specific Answering for Inaccurate Queries Using Semantic Search Approach" was admitted to the degree of Mortor of Militorophy (family a simily surface) in the Faculty of Science and Technology in the Subject of Computer Science and Technology in this University in the year 2018.

Nagpur Dated : 24-3-2018 Vice-Chanceller

### Balant Tukadoji Mahamined by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August. 1923 & presently a Blade University governed by Mahamashita Public Universities Act. 2016 (Mah. Act No. VI of 2017)



Anctor of Ahilosophy (विज्ञान व तंत्रज्ञान आचार्य) (Aaculty of Science and Technology)

This is to certify that

Smt. Gauri Manoj Dhopavkar having been found to be duly qualified on examination of the thesis entitled "Word sense disambiguation strategies related to machine translation for natural languages" was admitted to the degree of मिल्टाण वर्ग मिन्निगान का निम्नान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Computer Science & Technology in this University in the year 2018.

Nagpuz Daled : 19-1-2019 Vice-Chancellor

### Bashtrasant Tukadoji Mahamatrasant Tukadoji Mahamatrasant Tukadoji Mahamatrasant Tukadoji Mahamatrasanta Haibersity "Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August 1923 & presently a State University governed by Mahamatra Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC in Third Cycle



### Anctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that
Shri Arvind Ramdas Bhagat having been found to
be duly qualified on examination of the thesis
entitled "Performance Enhancement and Development of
Some Mitigation Mechanisms for Distributed Denial
of Service Attack" was admitted to the degree of
Boctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in
the Faculty of Science and Technology in the
Subject of Computer Science & Technology in this
University in the year 2020.

Nagpur

Dated: 09-07-2021

Vice-Chancellor

### Bash Hagpur Unkadonii Mahamaha Hagpur Unihersity \*Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1823 & presently a State University governed by Mahamahara Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC



#### Anctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that

Ku. Chanda Narayan Panse having been found

to be duly qualified on examination of the thesis
entitled "A Swarm Intelligence Approach for Identifying
and Modeling Gene Regulatory Network" was admitted to
the degree of Boctor of Thilosophy (विज्ञान व

तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Computer Science & Technology in this University in the year 2019.

Nagpur Dated: 18-1-2020 Vice-Chancellor

107th Convocation 2020

\* Technology/107-1812020/0156



### विज्ञान व तंत्रज्ञान आचार्य Boctor of Philosophy

(Faculty of Science and Technology)

This is to certify that

Shri Lalit Babulal Damahe

having been found to be duly qualified on examination of the thesis on

Image Representation And Compression In View Of Retrieval On
Smart Cell Devices

was admitted to the degree of **Boctor of Philosophy in the subject Computer Science and Engineering** in the faculty of **Science and Technology** in this University in the year 2019.

Amravali: 20.12.2019



The state of the s

Vice-Chancellor



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

निलेशसिंह विजयसिंह ठाकुर

को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. १५ सितंबर २०१० को

संस्थान की मुद्रांकित आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को फरवरी 2010 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया।

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

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

#### Nileshsingh Vijaysingh Thakur

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in February 2010 titled

Performance Enhancement of Fractal Encoding Using Spiral Architecture for Color Images "

Given this day, 15th September 2010 Given under the seal of the Institute.

क्लसविव

CHAIRMAN, BOARD OF GOVERNORS

## ashtrasant Tukadoji Mahan Augpur Unibersity established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017) Re-accredited 'A' Grade by NAAC in Third Cycle



## Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that Mrs. Prarthana A. Deshkar having been found to be duly qualified on examination of the thesis entitled Design and Implementation of Online Multidimensional Analysis and Mining Model for Spatio-Jemporal Streaming Data, Based on Hybrid CUBES and Data Summaries" was admitted to the degree of Boctor of Apilosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Computer Science & Technology in this University in the year 2020.

Nagpur

Dated : 09-07-2021

Vice-Chancellor

 $108^{th}$  Convocation 2021

## Kashtrasant Tukadoji Mahara.





### Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Haculty of Science and Technology)

This is to certify that Shri Rajesh Chiman Dharmik having been found to be duly qualified on examination of the thesis entitled "Design and Implementation of Dynamic Load Balancing Jechniques for Grid Computing Environment was admitted to the degree of Boctor of Hilosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Computer Science & Technology in this University in the year 2020.

Nagpur

Dated : 09-07-2021

Vice-Chancellor

108th Convocation 2021



सरदार वल्लभभाई राष्ट्रीय प्रौधोगिकी संस्थान, सूरत, (गुजरात, भारत) SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA)

### उज्वल्ला गावन्दे

को एतदद्वारा

### संगणक अभियांत्रिकी में

### विद्या वाचरपति

की उपाधि प्रदान करता है।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि. आवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा अप्रैल, २०१४ में अपने शोध-निबंध के सफल पक्षपोषण के उपरांत, सूरत, भारतीय गणराज्य में आज एक फरवरी, २०१५ को दी गई है।

> upon recommendation of the Senate hereby confers the degree of

## Doctor of Philosophy

in Computer Engineering

### Ujwalla Gawande

who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended in April 2014, the thesis entitled:

Multi-Biometric Based Recognition Using Feature Level Fusion of Fingerprint and Iris Modalities. Given this day, under the seal of the Institute at Surat in the Republic of India, the First of February, 2015.



Registrar

Chairman. Senate

Chairman. Board of Governors



### विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान नागपुर (भारत)

### किशोर केशवराव भोयर

को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. १५ सितंबर २०१० को

संस्थान की मुद्रांकित

### आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को जुलाई 2010 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया।

## VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR (INDIA)

upon recommendation of the Senate hereby confers the degree of

### **Doctor of Philosophy**

۸n

### Kishor Keshaorao Bhoyar

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in July 2010 titled

" Performance Enhancement of Color Based Classification and Segmentation for Image Retrieval using JND Approach "

Given this day, 15th September 2010 Given under the seal of the Institute.





## Poctor of Philosophy (विज्ञान आचार्य) (Faculty of Science)

This is to certify that

Ku. Hemlata Ravi Wasnik having been found to be duly qualified on examination of the thesis on "Investigation of Structural Thermal, Electrical & Magnetic Properties of Co-Polymers of Pyrrole & Aniline" was admitted to the degree of Portor of Philosophy (विज्ञान आचार्य) in the Faculty of Science in this University in the year 2013.

Nagpur

Dated: 26-9-2014

Aroop Kunov Vice-Chancellor





### विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान

नागपुर (भारत) विक्रांत यशवंत गणवीर

को एतद् द्वारा अभिषद की अनुशंसा पर आज दि. 15 सितंबर 2018 को

संस्थान की मुद्रांकित

आचार्य

उपाधि प्रदान करता है।

इन्होंने विनियमों के अंतर्गत विहित आवश्यकताओं को नवंबर 2017 में पूर्ण किया एवं अपने शोधप्रबंध का सफलतापूर्वक पक्षपोषण किया ।

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

upon recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy** 

on

### Vikrant Yashwant Ganvir

who has fullfilled the requirements as prescribed under the regulations and has successfully defended the thesis in November 2017 titled

"Synthesis and Characterization of Rare Earth Oxides Doped Alkali Borosilicate Glasses "

> Given this day, 15 September 2018 Given under the seal of the Institute.



अध्यक्ष, अभिवद

CHAIRMAN, SENATE

V V Jameler

अध्यक्ष. शासी मंडल CHAIRMAN, BOARD OF GOVERNORS

## Insight University RTM Nagour University RTM Nappur University (File Nagour University RTM Nappur University R Re-accredited 'A' Grade by NAAC put The lift of th (विज्ञान वार्तत्रज्ञान अच्योर् THE SCIENCE OF THE MARGIN CONTROL OF THE MAR This is to certify that Arsala Abdul Waheed Sheikh having been found in rappor University is the rapport University RTM Assport University RTM Napport Universit M Nagpur University RTM Nagpur University RT characterization of ammonium dihydrogen phosphate (ADP) a non linear optical crystal was admitted to the degree of Bactor of Ahilosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Physics in this University in the year 2017. Nagpur Dated : 3-12-2017 104th Convocation 2017

Science & Technology/104-3122017/83

# \*(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"



## Poctor of Philosophy (विज्ञान आचार्य) (अaculty of Science)

This is to certify that

Smt. Swati Anoop Fartode having been found to be duly qualified on examination of the thesis on "Development of Nitride Based Phosphors for Lamp and Radiation Dosimetry" was admitted to the degree of Boctor of भिगंगिङ्गामृष् (विज्ञान आचार्य) in the Faculty of Science in this University in the year 2016.

Nagpur

Dated : 19-11-2016

Vice-Chancellor

Scanned with CamScanner

## "Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Mahárashtra Public Universities Act, 2016 (Mah. Act No. VI. of 2017)" Re-accredited "A" Grade by NAAC



## Anctor of Ahilosophy (विज्ञान व तंत्रज्ञान आचार्य) (Naculty of Science and Technology)

This is to certify that Smt. Bharati Nandkishor Patil having been found to be duly qualified on examination of the thesis entitled "Development of ZnS Based Nanocomposite as Photocatalyst for Dye Degradation" was admitted to the degree of Boctor of Philosophy (विज्ञान व तंत्रज्ञान आवर्ष) in the Faculty of Science and Technology in the Subject of Physics in this University in the year 2019.

Nagpur Dated: 18-1-2020 Vice-Chancellor

107th Convocation 2020

## "Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC



### Poctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Faculty of Science and Technology)

This is to certify that

Ku. Manisha Anand Upasani having been found to be duly qualified on examination of the thesis entitled "Synthesis and Characterization of Yag Based Phosphors" was admitted to the degree of Boctor of भिगंगिक कार्मण (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Physics in this University in the year 2018.

Nagpur Dated: 19-1-2019 Vice-Chancellor

106th Convocation 2019

Adaptive University Operation of Control Provinces Education Department by Meditedian No. 513

(Established by Government of Control Provinces Education Department by Meditedian No. 513

(and the 1<sup>st</sup> of August, 1922 & presently a State University governed by Mahamadara Universities Act, 1904)

## Anctor of Philosophy (विज्ञान आचार्य) (Faculty of Science)

This is to certify that Smt. Prajakta Uday Waghe having been found to be duly qualified on examination of the thesis on "Development of Chemical Indicators of Sustainability for Developing Countries" was admitted to the degree of April of April of April of April of April of April of Science in this University in the year 2014.

Nagpur

Dated : 26-9-2014

Aroop Kumor Vice-Chancellor





## "(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"



## Poctor of Philosophy (विज्ञान आचार्य) (Faculty of Science)

This is to certify that Shri Ramesh Gulabrao Surose having been found to be duly qualified on examination of the thesis on "Synthesis, Characterization and Biological Activities of Bis-Hydantoins and Their Transition Metal Complexes" was admitted to the degree of Anctor of Alfilozophy (विज्ञान आचार्य) in the Faculty of Science in this University in the year 2015.

Nagpur Dated : 19-11-2016 Vice-Chancellor

# Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)"

Re-accredited 'A' Grade by NAAC



## Poctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Naculty of Science and Technology)

This is to certify that Smt. Megha Sarang Sawangikar having been found to be duly qualified on examination of the thesis entitled "Critical study of theories of irreversible thermodynamics" was admitted to the degree of Bottor of Aprilosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Chemistry in this University in the year 2019.

Nagpur

Dated: 18-1-2020

Vice-Chancellor

107th Convocation 2020



### Pt. RAVISHANKAR डॉक्टर ऑफ़ फिलॉसफी

( DOCTOR OF PHILOSOPHY )

प्रमाणित किया जाता है कि कु० में ज्या कलकणी द्वारा डॉक्टर ऑफ़ फिलॉसफी हेतु प्रस्तुत शोध प्रबन्ध इस विश्वविद्यालय द्वारा १९९४ में स्वीकार किया गया, उन्हें आजउरामरांगिरकी संकाय के अन्तर्गत मुख्य गाणिस विषय में डॉक्टर ऑफ फिलॉसफी की उपाधि प्रदान की जाती है।

This is to certify that the thesis submitted by Ro Manjuska Bulkarni

for the Degree of Noctor of Philosophy has been accepted by the University, during the year 1994 and he/she is admitted today to the Degree of Noctor of Philosophy in subject Akklied Malk under the Faculty of Engineering शोध प्रबन्ध का विषय (SUBJECT OF RESEARCH) STUDIES ON SET- VALUED AND GENERALIZED

रायपर, दिनांक Reipur, Dated 30MAR 1995

## Indian Institute of Technology Kharagpur



upon the recommendation of the Senate hereby confers the degree of

### Doctor of Philosophy

on

### Malabika Adak

who has successfully completed the prescribed requirements in the **Department of Ocean Engineering & Naval Architecture.** 

Given under the seal of the Institute at Kharagpur in the Republic of India on the Fifteenth day of July, Two thousand six.

Registrar

Director Sirector

Chairman Board of Governors

# CEstablished by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"



## Poctor of Philosophy (विज्ञान आचार्य) (अaculty of Science)

This is to certify that

Mrs. Arti S. Ghogre having been found to be duly qualified on examination of the thesis on "Study of Cosmological Models of the Universe With Varying Speed of Light" was admitted to the degree of Boctor of Philosophy (विज्ञान आचार्य) in the Faculty of Science in this University in the year 2016.

Nagpur

Dated: 19-11-2016

Vice-Chancellor

## Rashtrasiant Tukadoji Mahahaka Magpur Hnibersity de et alashines a de constitue de la seconda de la constitue de la constitue

Re-accredited 'A' Grade by NAAC



## Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) (Naculty of Science and Technology)

This is to cortify that Shri Akshaykumar Jagdishrao Meshram having been found to be duly qualified on examination of the thesis entitled "Study of the Mor cryptosystem and some public bey using cryptographic and computer programming techniques" was admitted to the degree of Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and Technology in the Subject of Mathematics in this University in the year 2018.

Nagpur

Dated : 19-1-2019

Or or the

Vice-Chancellor

106th Convocation 2019

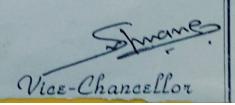
# Hannu Huinerzity "(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1" of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"



## Anctor of Philosophy (समाजविज्ञान आचार्य) (अaculty of Social Sciences)

This is to certify that Shri Akash Daulatrao Gedam having been found to be duly qualified on examination of the thesis on "यवनों का बुद्धधर्म के लिए योगदान (ईसा पूर्व शती से ईसवी आठवी शती तक)" was admitted to the degree of मिर्णाण पर भूभिगंणिङ्गणभूण (समाजविज्ञान आचार्य) in the Faculty of Social Sciences in this University in the year 2016.

Nagpur Dated: 19-11-2016



# "(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994)"



## Poctor of Philosophy (वाणिज्य आचार्य) (अaculty of Commerce)

This is to certify that Ku. Arvinder Kour Pritam Mehta having been found to be duly qualified on examination of the thesis on "Internal Brand Building Through HR Interventions in Management Institutes of Vidarbha Region" was admitted to the degree of Boctor of Philopophy (बाणिज्य आचार्य) in the Faculty of Commerce in this University in the year 2016.

Nagpur

Dated: 19-11-2016

Vice-Chancellor

Dated: 01-01-2021



### **RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1 st of August, 1923

& presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).)"

### : NOTIFICATION :

No.: RTMNU/Ph.D. (Cell)/14/1099

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned

against their respective names:

Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Place of Research	Name and Address of Supervisor & Co-Guide
1.	2.	<mark>3.</mark>	4.	<b>5.</b>	<mark>6.</mark>	<mark>7.</mark>	8.	9.	<mark>10.</mark>
1	Shri. Prashant Babanrao Pande  C/o D. N. Pande, Madukar Apartments, Plot No. 2, Navnirman Society, Pratap Nagar, Ring Road, Nagpur-440022.	28.02.2014	14.01.2019	Ph.D.	Faculty of Science & Technology	Civil Engineering	"Evaluation of Sher Strength Parameters of an Unsaturated Soil."	Deptt. of Civil Engineering, Yeshwantrao Chavhan College of Engineering, Nagpur.	Dr. S. R. Khandeshwar  Asoc. Prof., Yeshwantrao Chavhan College of Engineering, Nagpur.  Dr. S. P. Bajad  Government Polytechnic, Amravati.

By order of the Board of Examinations & Evaluation,

Podal Olloller

(Dr. Prafulla M. Sabale)
Director
(Board of Examinations & Evaluation)

Dated: 01-01-2021

#### No.: RTMNU/Ph.D. (Cell)/14A/1099A

### Copy forwarded for information to :

- 1. The Candidates concerned and Their Supervisors.
- 2.All Members of Board of Examinations & Evaluations, R.T.M.Nagpur University, Nagpur.
- 3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 4. The Hon'ble Pro-Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 5.The Director, Board of College& University Devlopment, R.T.M. Nagpur University, Nagpur.
- 6.The University Librarian, R.T.M. Nagpur University of the V.B. alias BHausaheb Kolte Library, Nagpur.
- 7. The Director, Student Welfare, R.T.M. Nagpur University, Nagpur.
- 8. The Registrar, R.T.M. Nagpur University, Nagpur.
- 9. The Director, (Board of Examination & Evaluation), R.T.M. Nagpur University, Nagpur.
- 10. The Finanace & Accounts Officer, R.T.M. Nagpur University, Nagpur.
- 11.All Head of the Teaching Department ,R.T.M.Nagpur University, Nagpur.
- 12.All Principals/Director of the affilated & Conducted Colleges, R.T.M. Nagpur University, Nagpur.
- 13. Deputy Secretary, University Grants Commission Bahadur Shah Zafar Marg, New Delhi-110002.
- 14. The Director. Indian Council of Social Sciences. 35. Firozshah Road. New Delhi-2.
- 15. The Secretary Genral Assosiation Of Indian Universities. 16. Kotla Road New Delhi-2.
- 16. The Secretary, Inter University Board of India, Rose Avenue, New Delhi.
- 17. The Joint Secretary, Library & Documentation Assosiation Of Indian Universities, 16, Kotla Road, New Delhi.
- 18. The Librarian, Indian Institute Of Sciences, Bangalore-12.
- 19. The Registrar Of Universities in Maharashtra.
- 20.The Member In-Charge, Employement Information and Guidance Bureau, R.T.M. Nagpur University, Nagpur.
- 21. The Senior Statistical officer University Grant Commission, Bahadur Shah Zafar Marg, New Delhi
- 22.All the Deputy Registrars, R.T.M. Nagpur University, Nagpur.
- 23. All the Assitant Registrars, R.T.M. Nagpur University, Nagpur.
- 24.The Clerk-In-Charge, (Annual Report), Statistic Section, R.T.M. Nagpur University, Nagpur.
- 25.The Director, INFLIBNET Centre, Near Gujrat University Guest House, P.B. No. 4116, Navrangpura, Ahmedabad-380009.
- 26.The Clerk-In-Charge, Provisional Degree Certificate, R.T.M. Nagpur University, Nagpur.

Let of

(Motiram S. Tadas)
Deputy Registrar (Ph.D. Cell)

Dated: 09-03-2021



### **RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1 st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).)"

### : NOTIFICATION :

No.: RTMNU/Ph.D. (Cell)/18/1289

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned

against their respective names:

Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Place of Research	Name and Address of Supervisor & Co-Guide
1.	2.	<b>3.</b>	4.	<mark>5.</mark>	<mark>6.</mark>	<b>7.</b>	8.	<mark>9.</mark>	<mark>10.</mark>
1	Mrs. Vrushali M. Umap  C/o Mr. R. B. Raut,  'Pitruchaya', Near  Godhani Bus Stand,  Nagpur.	12.02.2014	11.02.2019	Ph.D.	Faculty of Science & Technology	Chemical Technology	"Studies on Performance Enhancement of Proton Exchange Membrane Fuel Cell."	Laxminarayan Institute of Technology, Nagpur.	Dr. R. P. Ugwekar  Prof. & Head, Priyadarshani Instt. of Engineering & Technology, Nagpur.
2	Ms. Kaveri Dilip Shanti Bilt Paper Mill Colony, Qur. No. E/33, Ashti, Dist. Gadchirpli.	06.07.2013	13.10.2017	Ph.D.	Faculty of Science & Technology	Chemistry	"Synthesis and characterization of Sulphonamide Derivatives of Various Bioactive Heterocycles."	Deptt. of Chemistry, R. T. M. Nagpur University, Nagpur.	Dr.(Mrs.) J. S. Meshram  Deptt. of Chemistry, R.T.M.  Nagpur University,  Nagpur.

3	Mr. Jayant M. Raut  Plot No. 55, C-3, Shrinivas Aprts, Bajaj Nagar, C. B. Road, Nagpur-14.	13.07.2012	09.07.2018	Ph.D.	Faculty of Science & Technology	Civil Engineering	"Development of Design Methodology for Piled-Raft Foundation using Finite Element Method."	Yeshwantrao Chavan College of Engineering, Nagpur.	Dr. S. R. Khandeshwar  Asoc. Prof., Dept. Civil Engineering Yeshwantrao Chavhan College of Engineering, Nagpur.  Dr. Sudhir P. Bajad  Deptt. of Mech. Engg. Government Polytechnic, Nagpur.
4	Mr. Dinesh A. Lingote  Type-IV/13, NEERI Colony, Nehru Marg, Nagpur.	06.08.2014	19.07.2019	Ph.D.	Faculty of Science & Technology	Computer Science	" Development of Information Extraction algorithm for river Modelling."	Deptt. of Computer Science, Arts, Commerce & Science College, Nagpur.	Dr. Girish S. Katkar  Deptt. of Computer Science, Arts, Commerce & Science College, Koradi, Dist. Nagpur.
5	Ms. Shipra Shivkumar Yadav Nirvana G-15, Satyam Residency, Ganesh Dham, Pipla Fhata, Hudkeshwar, Nagpur.	23.08.2013	16.08.2019	Ph.D.	Faculty of Science & Technology	Computer Science	" Study of Security Tools and Techniques used in cloud computing."	Inter Institute Computer Centre, R. T. M. Nagpur University, Nagpur.	Dr. Keshao D. Kalaskar  Asoc. Prof. Deptt. of Comp. Sci., Dr. Ambedkar College of Arts, Comm. & Sci. Chandrapur.
6	Smt. Alka Prasad Sawlikar Sai Ram Towers, Flat No. 203, Kannamwar Chowk, Chandrapur-442402.	12.07.2012	10.07.2018	Ph.D.	Faculty of Science & Technology	Electrical Engineering	" Some Aspects of Cryptographic Technique for Speech Security Level Enhancement in Wireless Communication Networks with Energy Efficient Operation."	Rajiv Gandhi College of Engineering Research & Technology, Chandrapur.	Dr. Z. J. Khan  Prof. & Head, Dept. of Electronics & Power Engineering, R.C.E.R.T., Chandrapur.  Dr. S. G. Akojwar  Principal, B. N. College of Engg., Yavatmal.

39	Ku. Renu Sharma  C/o 236, Smt. Archana Madhusudan Punekar, Flat No. 301, Tuljabhawani, Opp. Chatrapatti, Ring Road, Nagpur-440015.	18.01.2016	15.01.2019	Ph.D.	Faculty of Interdisciplina ry Studies	Physical Education	" A Comparative Study of Self-Concept Stress and Social Adjusment Between Physical Education and Non Physical Education Students."	PGTD of Physical Education, RTM, Nagpur University, Nagpur.	Dr. Vasant V. Rathod  Asstt. Prof. Nagpur Sharirik Shikshan Mahavidyalaya, Dhantoli, Nagpur.
40	Mr. Pankaj Dhamija  C/o Aminbhai Rangaonwala, KGH Pipes, Near Girnar Hotel, Shyam Talkies Road, Fawara Chowk, Gandhibag, Nagpur-08.	08.05.2015	29.04.2019	Ph.D.	Faculty of Interdisciplina ry Studies	Physical Education	" A Comparative Study of Reaction Ability Balance Ability and Aggression Among District State and University Level Male Cricket Players."	PGTD of Physical Education, RTM, Nagpur University, Nagpur.	Dr. Asif N. Sheikh Supervisor & Principal, R.D.S.S.M., Nagpur.

By order of the Board of Examinations & Evaluation,

(Dr. Prafulla M. Sabale) Director

(Board of Examinations & Evaluation)

Dated: 09-03-2021

#### No.: RTMNU/Ph.D. (Cell)/18A/1289A

### Copy forwarded for information to :

- 1. The Candidates concerned and Their Supervisors.
- 2.All Members of Board of Examinations & Evaluations, R.T.M. Nagpur University, Nagpur.
- 3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 4. The Hon'ble Pro-Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 5. The Director, Board of College & University Devlopment, R.T.M. Nagpur University, Nagpur.
- 6.The University Librarian, R.T.M. Nagpur University of the V.B. alias BHausaheb Kolte Library, Nagpur.
- 7. The Director, Student Welfare, R.T.M. Nagpur University, Nagpur.
- 8. The Registrar, R.T.M. Nagpur University, Nagpur.
- 9. The Director, (Board of Examination & Evaluation), R.T.M. Nagpur University, Nagpur.
- 10. The Finanace & Accounts Officer, R.T.M. Nagpur University, Nagpur.
- 11.All Head of the Teaching Department ,R.T.M.Nagpur University, Nagpur.
- 12.All Principals/Director of the affilated & Conducted Colleges, R.T.M. Nagpur University, Nagpur.
- 13. Deputy Secretary, University Grants Commission Bahadur Shah Zafar Marg, New Delhi-110002.
- 14. The Director. Indian Council of Social Sciences. 35. Firozshah Road. New Delhi-2.
- 15. The Secretary Genral Assosiation Of Indian Universities. 16. Kotla Road New Delhi-2.
- 16. The Secretary, Inter University Board of India, Rose Avenue, New Delhi.
- 17. The Joint Secretary, Library & Documentation Assosiation Of Indian Universities, 16, Kotla Road, New Delhi.
- 18. The Librarian, Indian Institute Of Sciences, Bangalore-12.
- 19. The Registrar Of Universities in Maharashtra.
- 20. The Member In-Charge, Employement Information and Guidance Bureau, R.T.M. Nagpur University, Nagpur.
- 21. The Senior Statistical officer University Grant Commission, Bahadur Shah Zafar Marg, New Delhi
- 22.All the Deputy Registrars, R.T.M. Nagpur University, Nagpur.
- 23. All the Assitant Registrars, R.T.M. Nagpur University, Nagpur.
- 24.The Clerk-In-Charge, (Annual Report), Statistic Section, R.T.M. Nagpur University, Nagpur.
- 25.The Director, INFLIBNET Centre, Near Gujrat University Guest House, P.B. No. 4116, Navrangpura, Ahmedabad-380009.
- 26.The Clerk-In-Charge, Provisional Degree Certificate, R.T.M. Nagpur University, Nagpur.

Let of

(Motiram S. Tadas)
Deputy Registrar (Ph.D. Cell)

Dated: 18-05-2021



### **RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

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### NOTIFICATION :

No.: RTMNU/Ph.D. (Cell)/23/1904

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned

against their respective names:

Sr. No.	Name and Address of Candidate	Date of Registration	Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Place of Research	Name and Address of Supervisor & Co-Guide
1.	<b>2.</b>	<mark>3.</mark>	<mark>4.</mark>	<mark>5.</mark>	<mark>6.</mark>	<mark>7.</mark>	8.	9.	<mark>10.</mark>
1	Ku. Pallavi Hiralal Dhoble  Flat No. 101, Prajakta Gardens, Plot No. 24-25, Patil Layout, 3rd Bus Stop, Gopal Nagar, Nagpur-22.	11.04.2012	10.04.2018	Ph.D.	Faculty of Science & Technology	Civil Engineering	" Mathematical Modeling and Simulation for Optimum Gate Operation of Dam for Flood Management."	Laxminarayan Institute of Technology, R.T.M. Nagpur University, Amravati Road,Nagpur.	Dr. A. R. Gajbhiye  Asoc. Prof. Yeshwantrao Chavhan College of Engineering, Nagpur.
2	Shri. Harshal Madhukar Warade  C/o M. T. Warade, Plot. No. 62A, Old Kailas Nagar, Ayodhya Nagar Road, Nagpur-440024.	21.02.2015	23.01.2020	Ph.D.	Faculty of Science & Technology	Civil Engineering	"Feasibility of Biogas Production from Napier Grass Using Animal Manure as Co-Substrate Through Pilot Scale Study."	G. H. Raisoni College of Engineering, Nagpur.	Dr. Ramesh Daryapurkar C. E. O., Lars Enviro Pvt. Ltd., Nagpur.  Dr. P. B. Nagarnaik  Prof. & Academic Dean, G.H.R.C.E., Nagpur.

27	Mr. Herald Jerome D'Souza 5, ST Dominic Ashram, Seminary Hill, Nagpur-06.	13.07.2012	10.07.2018	Ph.D.	Faculty of Interdisciplina ry Studies	Social Work	" Children of prisoners in Vidarbha: Their psycho-social and economic status with special reference to Child Rights and Development."	PGTD Deptt. of Sociology, RTMNU, Nagpur.	Dr. John Menachery  Principal, M. S. S. Institute of Social Work, Bajaj nagar, Nagpur-440010.
28	Shri. Deepak Shantoshrao Magarde C/o Prof. Ganesh R. Gadekar, Dr. Panjabrao Deshmukh Colony, Arvi Road, Wardha.	17.07.2012	11.07.2018	Ph.D.	Faculty of Interdisciplina ry Studies	Social Work	"आदिवासी महिला सरपंचाची ग्रामविकासात भूमिका - एक अध्ययन" (विशेष संदर्भ : नागपूर प्रशासकीय विभागातील सर्व जिल्हे)	PGTD Deptt. of Sociology, RTMNU, Nagpur.	Dr. Pravin L. Wankhede  Dr. Ambedkar College of Social Work, Borgaon Naka, Hinganghat Road, Wardha -442001
29	Pinki Chandrabhan Ganvir 186, Sudam Nagar, Hill Top, Ambazari, Nagpur.	14.01.2015	19.11.2018	Ph.D.	Faculty of Interdisciplina ry Studies	Social Work	"पारधी जमातीतील स्त्रियांच्या शैक्षणिक, आर्थिक, कौटुंबिक, आरोग्यविषयक आणि सामाजिक समस्या - समाजकार्यकर्तीची मध्यस्थी : एक अध्ययन "( विशेष संदर्भ : नागपूर जिल्ह्यातील पारधी समाज)	Purushottam Thote College of Social Work, Nagpur.	Dr. Laxmikant Chopkar  Purushottam Thote College of Social Work, Nagpur.

By order of the Board of Examinations & Evaluation,

(Dr. Prafulla M. Sabale)
Director

(Board of Examinations & Evaluation)

Dated: 18-05-2021

### No.: RTMNU/Ph.D. (Cell)/23A/1904A

### Copy forwarded for information to :

- 1. The Candidates concerned and Their Supervisors.
- 2.All Members of Board of Examinations & Evaluations, R.T.M. Nagpur University, Nagpur.
- 3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 4. The Hon'ble Pro-Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 5.The Director, Board of College& University Devlopment, R.T.M. Nagpur University, Nagpur.
- 6.The University Librarian, R.T.M. Nagpur University of the V.B. alias BHausaheb Kolte Library, Nagpur.
- 7. The Director, Student Welfare, R.T.M. Nagpur University, Nagpur.
- 8. The Registrar, R.T.M. Nagpur University, Nagpur.
- 9. The Director, (Board of Examination & Evaluation), R.T.M. Nagpur University, Nagpur.
- 10. The Finanace & Accounts Officer, R.T.M. Nagpur University, Nagpur.
- 11.All Head of the Teaching Department ,R.T.M.Nagpur University, Nagpur.
- 12.All Principals/Director of the affilated & Conducted Colleges, R.T.M. Nagpur University, Nagpur.
- 13. Deputy Secretary, University Grants Commission Bahadur Shah Zafar Marg, New Delhi-110002.
- 14. The Director. Indian Council of Social Sciences. 35. Firozshah Road. New Delhi-2.
- 15. The Secretary Genral Assosiation Of Indian Universities. 16. Kotla Road New Delhi-2.
- 16. The Secretary, Inter University Board of India, Rose Avenue, New Delhi.
- 17. The Joint Secretary, Library & Documentation Assosiation Of Indian Universities, 16, Kotla Road, New Delhi.
- 18. The Librarian, Indian Institute Of Sciences, Bangalore-12.
- 19. The Registrar Of Universities in Maharashtra.
- 20. The Member In-Charge, Employement Information and Guidance Bureau, R.T.M. Nagpur University, Nagpur.
- 21. The Senior Statistical officer University Grant Commission, Bahadur Shah Zafar Marg, New Delhi
- 22.All the Deputy Registrars, R.T.M. Nagpur University, Nagpur.
- 23.All the Assitant Registrars, R.T.M. Nagpur University, Nagpur.
- 24.The Clerk-In-Charge, (Annual Report), Statistic Section, R.T.M. Nagpur University, Nagpur.
- 25.The Director, INFLIBNET Centre, Near Gujrat University Guest House, P.B. No. 4116, Navrangpura, Ahmedabad-380009.
- 26.The Clerk-In-Charge, Provisional Degree Certificate, R.T.M. Nagpur University, Nagpur.

Let of

(Motiram S. Tadas)
Deputy Registrar (Ph.D. Cell)

Dated: 25-08-2021



### **RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

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& presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).)"

### **NOTIFICATION**:

No.: RTMNU/Ph.D. (Cell)/5/1512

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned against their respective names :

Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Place of Research	Name and Address of Supervisor & Co-Guide
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1	Ms. Sushama S. Dhepe  C/o Mr. S. S. Patil, Plot No.119, Mahalaxmi Aprts, Nelco Society, Subhash Nagar, Nagpur-440022. DOB: 10.10.1976	19.07.2014	04.04.2019	Ph.D.	Faculty of Science & Technology	Architecture Engineering	"A Systematic Approach Towards Integrating Traditional Architecture into Today`s Built Environment."	Smt. M. Mundle College of Architecture, Seminary Hills, Nagpur.	Dr. Sheeba Valsson  Asoc. Prof. Smt. M. Mundle College of Architecture, Seminary Hills, Nagpur.
2	Mr. Abhishek S. Mokase 39-A, Kannamwar Nagar, Wardha Road, Nagpur.  DOB: 24.03.1987	15.01.2014	10.01.2020	Ph.D.	Faculty of Science & Technology	Biotechnology	" Isolation and Characterization of Novel Bacteriocins Against Multidrug Resistant Pathogens."	Rajiv Gandhi Biotechnology Centre, R.T.M. Nagpur University, Nagpur.	Dr. Mrs. Arti S. Shanware  Prof. Rajiv Gandhi Biotechnology Centre, Nagpur.  Dr. (Mrs) Archana S. Kulkarni Prof. & Head, Deptt. of Microbiology, M. P. Deo Memorial Dharampeth

3	Ns. Reshma M. Talkal  'Pooja Aprts' Flat No.304, Opp. to Rescue Colony, Power Grid, Nagpur.  DOB: 17.11.1988	15.07.2014	12.07.2019	Ph.D.	Faculty of Science & Technology	Biotechnology	"Comparative Study of Salt Tolerant Gene Cluster in Salt Adapted Bacteria (E.Coli HPC-781)"	CSIR- National Environmental Engineering Research Institute, Nagpur.	Dr. H. J. Purohit  CS & Head, EGD, CSIR-National Environmental Engineering Research Instt. Nagpur.
4	Mr. Ramesh Pandhari Birmod  C/o Dr. Nandkumar Agarwal, Plot No. 36, Bharat Nagar, Near Laxminarayan Inst. of Technology, Amravati Road, Nagpur - 4440683315.10.1984	04.01.2014	30.12.2019	Ph.D.	Faculty of Science & Technology	Chemical Enginerring	"Modelling, Simulation and Experimental Study of Membrane Distillation"	Laxminarayan Institute of Technology, R.T.M.N.U. Nagpur.	Dr. S.D. Dawande  Asoc. Prof. Deptt. of Chemical Engineering, Laxminarayan Instt. of Tech. Nagpur - 440033.
5	Ms. Nikhat Abdulgalib Sheikh C/o Abdul galib Sattar Sheikh, Near Rajaram Lawns Vinoba Nagar, Tumsar-441912.	10.01.2017	27.11.2020	Ph.D.	Faculty of Science & Technology	Chemistry	"Thermophysical properties of some bio-active compounds in aqueous binary and ternary mixtures at Different temperatures."	PGTD of Chemistry, RTMNU, Nagpur.	Dr. V. M. Tangde  Asstt. Professor, PGTD Chemistry, RTMNU, Nagpur.
6	Mr. Bhupesh P. Nandurkar  'Om Gayatri' Nandanwan Cement Road, Nagpur-09.	27.06.2013	30.04.2019	Ph.D.	Faculty of Science & Technology	Civil Engineering	"Development of better performing and ready to use masonary mortar and plaster mixes."	Dept. of Civil Engg. Yeshwantrao Chavhan College of Engineering, Nagpur.	Dr. A. M. Pande  Prof. Dept. of Civil Engg. Yeshwantrao Chavhan College of Engineering, Nagpur.
	<b>DOB</b> : 13.03.1977								

By order of the Board of Examinations & Evaluation,

Bobala 25/108/204.

(Dr. Prafulla M. Sabale)
Director
(Board of Examinations & Evaluation)

Dated: 04-02-2021



### **RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1 st of August, 1923

& presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).)"

### : NOTIFICATION :

No.: RTMNU/Ph.D. (Cell)/16/1273

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned against their respective names :

Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Place of Research	Name and Address of Supervisor & Co-Guide
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1	Mr. Rahul G. Gajbhiye  Vidya Vikas Arts, Commerce & Science College, Samudrapur, Distt. Wardha.	16.01.2015	29.08.2018	Ph.D.	Faculty of Science & Technology	Chemistry	"Synthesis Characterization and Biological Activity of Pmethoxy Isonitroso Acetophenone with Transition Elements."	Deptt. of Chemistry, Institute of Science, Nagpur.	Dr. Sanjay R. Thakre  Asoc. Prof. Deptt. of Chemistry, Instt. of Science, Wardha.  Dr. R. D. Raut  Deptt. of Chemistry, J. B. College, of Science, Wardha.

8	Ku. Shilpa Bhimrao Sahare  Bunglow No. 58, Krishna Vihar-1, Near CRPF Camp, Isasani Vilage, Nagpur- 440016.	11.04.2012	09.04.2018	Ph.D.	Faculty of Science & Technology	Mechanical Engineering	"Experimental Investigation of Machining Operation under Optimum Lubricant Use."	Yeshwantrao Chavan College of Engineering, Hingna Road, Wanadongri, Nagpur.	Dr. S. P. Untawale  HOD, Yeshwantrao Chavan College of Engineering, Wanadongri, Nagpur.
9	Mr. Niteen Lumdas Bhirud  C/o Manohar Deodhe, B. D. College of Engineering, Sewagram, Dist. Wardha.	02.05.2013	19.09.2018	Ph.D.	Faculty of Science & Technology	Mechanical Engineering	"Heat Transfer Analysis and Optimization of Process Parameters for Milling operations."	Deptt. of Mecha. Engg., B. D. College of Engineering, Sewagram, Dist. Wardha.	Dr. R. R. Gawande  Asso. Prof., Deptt. of Mecha. Engg., B. D. College of Engineering, Sewagram, Dist. Wardha.

52	Shri. Vikrant Singh S/o Sh Krishan Pal Singh  C/o 1, Shri. Ravindra Chanore, Dubey Layout, Jaitala Road, Nagpur-440036.	15.01.2014	12.01.2019	Ph.D.	Faculty of Interdisciplinar y Studies	Physical Education	"Comparative Analysis of Psychological and Physiological Variables of Long Distance Runners and Long Jumpers among Senior Secondary School Boys in Nagpur District of Maharashtra."	PGTD of Physical Education, RTM, Nagpur University, Nagpur.	Dr. Vijay Kaushal  Supervisor & Principal, Madhuritai Deshmukh Sharirik Shikshan Mahavidyalaya, Nagpur.
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By order of the Board of Examinations & Evaluation,

(Dr. Prafulla M. Sabale) Director

(Board of Examinations & Evaluation)

Dated: 04-02-2021

#### No.: RTMNU/Ph.D. (Cell)/16A/1273A

### Copy forwarded for information to :

- 1. The Candidates concerned and Their Supervisors.
- 2.All Members of Board of Examinations & Evaluations, R.T.M. Nagpur University, Nagpur.
- 3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 4. The Hon'ble Pro-Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 5.The Director, Board of College& University Devlopment, R.T.M. Nagpur University, Nagpur.
- 6.The University Librarian, R.T.M. Nagpur University of the V.B. alias BHausaheb Kolte Library, Nagpur.
- 7. The Director, Student Welfare, R.T.M. Nagpur University, Nagpur.
- 8. The Registrar, R.T.M. Nagpur University, Nagpur.
- 9. The Director, (Board of Examination & Evaluation), R.T.M. Nagpur University, Nagpur.
- 10. The Finanace & Accounts Officer, R.T.M. Nagpur University, Nagpur.
- 11.All Head of the Teaching Department ,R.T.M.Nagpur University, Nagpur.
- 12.All Principals/Director of the affilated & Conducted Colleges, R.T.M. Nagpur University, Nagpur.
- 13. Deputy Secretary, University Grants Commision Bahadur Shah Zafar Marg, New Delhi-110002.
- 14. The Director. Indian Council of Social Sciences. 35. Firozshah Road. New Delhi-2.
- 15. The Secretary Genral Assosiation Of Indian Universities. 16. Kotla Road New Delhi-2.
- 16. The Secretary, Inter University Board of India, Rose Avenue, New Delhi.
- 17. The Joint Secretary, Library & Documentation Assosiation Of Indian Universities, 16, Kotla Road, New Delhi.
- 18. The Librarian, Indian Institute Of Sciences, Bangalore-12.
- 19. The Registrar Of Universities in Maharashtra.
- 20. The Member In-Charge, Employement Information and Guidance Bureau, R.T.M. Nagpur University, Nagpur.
- 21. The Senior Statistical officer University Grant Commission, Bahadur Shah Zafar Marg, New Delhi
- 22.All the Deputy Registrars, R.T.M. Nagpur University, Nagpur.
- 23. All the Assitant Registrars, R.T.M. Nagpur University, Nagpur.
- 24.The Clerk-In-Charge, (Annual Report), Statistic Section, R.T.M. Nagpur University, Nagpur.
- 25.The Director, INFLIBNET Centre, Near Gujrat University Guest House, P.B. No. 4116, Navrangpura, Ahmedabad-380009.
- 26.The Clerk-In-Charge, Provisional Degree Certificate, R.T.M. Nagpur University, Nagpur.

Let of

(Motiram S. Tadas)
Deputy Registrar (Ph.D. Cell)

Dated: 02-11-2021



### **RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1 st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).)"

### NOTIFICATION:

No.: RTMNU/Ph.D. (Cell)/13/1601

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned against their respective names :

Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Place of Research	Name and Address of Supervisor & Co-Guide
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1	Seema M. Burele  Vishwakarma Nagar, B/H Medical College, Rameshwari Road, Nagpur.  DOB: 25.05.1980	21.02.2013	20.02.2019	Ph.D.	Faculty of Science & Technology	Architecture Engineering	"Reinvestigation and Assessement of `MUD` an Alternative Building Material for Developing Functional and Energy efficient Design of Building."	Smt. Manoramabai Mundle College of Architecture, Nagpur.	Dr. Sheeba Valsson  Prof. Smt. M. Mundle College of Architecture, Nagpur.
2	Shweta P. Udapure  Plot No. 30, Mahatma Fuley Colony, N.H. 6, Bhojapur, po. Bela, Dist. Bhandara.  DOB: 10.04.1984	20.01.2016	23.09.2020	Ph.D.	Faculty of Science & Technology	Botany	"Ethnobotanical and Phytochemical Analysis of Some Weed Flora in Crop Fields of Rural Bhandara(M.S.)"	Deptt. of Botany, J. M. Patel College, Bhandara.	Dr. (Mrs.) Padmavathi S. Rao Asstt. Prof. Deptt. Of Botany, J.M.Patel College, Bhandara.

15	Harshad D. Bhave  24, `Shivranjani` Ayodhyanagar, Nagpur-440024.  DOB: 25.07.1964	14.07.2014	15.06.2020	Ph.D.	Faculty of Science & Technology	Geology	"Study on Groundwater Augmentation of part of Amb Watershed, Umred, District Nagpur, Through Aquifer Characterization using Geoinformatics Approach."	Dept. of Geology, RTMNU Nagpur.	Dr. Y. B. Katpatal Prof. Deptt. of Civil Engg. V.N.I.T. Nagpur.  Dr. A. M. Pophare Prof. Dept. of Geology R.T.M. Nagpur University, Nagpur.
16	Sunita Gajendrasingh Rawat  43, Gudadhe Layout Bhamti Road Nagpur - 440022.  DOB: 12.01.1979	17.10.2016	10.12.2020	Ph.D.	Faculty of Science & Technology	Information Technology	"An Approach for Word Sense Disambiguation for Improving Accuracy of Machine Translation using Translation Memory and Hadoop Framework."	Deptt. of Information Tech. G.H. Raisoni College of Engineering Nagpur. CRPF Gate No.3, Hingna Road Digdoh Hills Nagpur.	Dr. Manoj B. Chandak H.O.D CSE, RKNEC, Katol Road, Nagpur.
17	Dipak Sudam Patil  G. H. Raisoni College of Engg. & Management Wagholi, Pune-412028.  DOB: 31.07.1975	10.12.2015	03.12.2020	Ph.D.	Faculty of Science & Technology	Mechanical Engineering	"Parametric Analysis and Performance Optimization of Thermoelectric Generator for Waste Head Recovery from Engine Exhaust."	G. H. Raisoni College of Engineering, Nagpur.	Dr. Rachayya R. Arakerimath Head of Mech. Deptt. of G.H. Raisoni College of Engineering & Management, Wagholi, Pune.
18	Girish Motiram Dhote  Plot No. 66, Akash Nagar, Near Manewada Square, Nagpur- 34.  DOB: 22.03.1978	25.04.2014	29.10.2020	Ph.D.	Faculty of Science & Technology	Mechanical Engineering	"Model-Based Simulation and Optimization of Cutting Operations in Sheet Metal Working."	Deptt. of Mech Engg, YCCE, Nagpur.	Prin, Dr. Babasaheb Ambedkar College of Engineering & Research. Wanadongri, Nagpur.

Rv	order of	the	Board of	<b>Examinations</b>	R.	<b>Evaluation</b>
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(Dr. Prafulla M. Sabale)
Director
(Board of Examinations & Evaluation)

Dated: 02-11-2021

### No.: RTMNU/Ph.D. (Cell)/13/1601A

### Copy forwarded for information to :

- 1. The Candidates concerned and Their Supervisors.
- 2.All Members of Board of Examinations & Evaluations, R.T.M. Nagpur University, Nagpur.
- 3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 4. The Hon'ble Pro-Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 5.The Director, Board of College& University Devlopment, R.T.M. Nagpur University, Nagpur.
- 6.The University Librarian, R.T.M. Nagpur University of the V.B. alias BHausaheb Kolte Library, Nagpur.
- 7. The Director, Student Welfare, R.T.M. Nagpur University, Nagpur.
- 8. The Registrar, R.T.M. Nagpur University, Nagpur.
- 9. The Director, (Board of Examination & Evaluation), R.T.M. Nagpur University, Nagpur.
- 10. The Finanace & Accounts Officer, R.T.M. Nagpur University, Nagpur.
- 11.All Head of the Teaching Department ,R.T.M.Nagpur University, Nagpur.
- 12.All Principals/Director of the affilated & Conducted Colleges, R.T.M. Nagpur University, Nagpur.
- 13. Deputy Secretary, University Grants Commission Bahadur Shah Zafar Marg, New Delhi-110002.
- 14. The Director. Indian Council of Social Sciences. 35. Firozshah Road. New Delhi-2.
- 15. The Secretary Genral Assosiation Of Indian Universities. 16. Kotla Road New Delhi-2.
- 16. The Secretary, Inter University Board of India, Rose Avenue, New Delhi.
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- 18. The Librarian, Indian Institute Of Sciences, Bangalore-12.
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- 20.The Member In-Charge, Employement Information and Guidance Bureau, R.T.M. Nagpur University, Nagpur.
- 21. The Senior Statistical officer University Grant Commission, Bahadur Shah Zafar Marg, New Delhi
- 22.All the Deputy Registrars, R.T.M. Nagpur University, Nagpur.
- 23. All the Assitant Registrars, R.T.M. Nagpur University, Nagpur.
- 24.The Clerk-In-Charge, (Annual Report), Statistic Section, R.T.M. Nagpur University, Nagpur.
- 25.The Director, INFLIBNET Centre, Near Gujrat University Guest House, P.B. No. 4116, Navrangpura, Ahmedabad-380009.
- 26.The Clerk-In-Charge, Provisional Degree Certificate, R.T.M. Nagpur University, Nagpur.

Let of

(Motiram S. Tadas)
Deputy Registrar (Ph.D. Cell)

Dated: 04-02-2022



### **RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1 st of August, 1923

& presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).)"

### NOTIFICATION:

No.: RTMNU/Ph.D. (Cell)/20/1283

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned against their respective names:

Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Place of Research	Name and Address of Supervisor & Co-Guide
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1	Minal S. Shukla  C/o Mr. Y.R. Mishra, B/H Ramakrishna Hotel, Kejaji Road, Gond Plot, Wardha.  DOB: 11.06.1981	15.01.2014	14.01.2019	Ph.D.	Faculty of Science & Technology	Botany	"Induced Mutational Studies in Hibiscus Sabdariffa L."	Deptt. of Botany, J.B. Science College, Wardha.	Dr. K. G. Dube Asstt. Prof. J.B. Science College, Wardha.
2	Prashant B. Dhanke  Nazool Layout, Near Angalimal, Buddha Vihar, Bezanbag, Po. Jaripatka, Nagpur.  DOB: 13.09.1983	01.04.2014	11.03.2020	Ph.D.	Faculty of Science & Technology	Chemical Enginerring	"Intensification of Degradation of Waste Water by Hydrodynamic Cavitation Reactor with Various Advance Oxidation Processes."	Laxminarayan Institute of Technology, R.T.M. Nagpur University, Amravati Road, Nagpur.	Dr. Sameer M. Wagh Asstt. Prof. Laxminarayan Instt. of Technology, Nagpur.

7	Nisha P. Zode  55, Saviprabhat Vijaya Laxmi Padit Nagar Nagpur-09  DOB: 20.08.1986	20.12.2015	17.12.2020	Ph.D.	Faculty of Science & Technology	Computer Science	"Robot for Path Planning Obstacle Aviodance (RPPOA) Model in Homeland Environment."	Dept. of Electronics & Compu. Sci., R.T.M. Nagpur University, Nagpur.	Dr. Ujwal A. Lanjewar Asstt. Prof. & Head VMV Commerce JMT Arts & Comm. College
8	Megha D. Chaple  'Annapurna Sadan' Plot No.60, Mahesh Colony, Chandan Nagar, Nagpur.  DOB: 30.06.1980	15.01.2013	09.01.2018	Ph.D.	Faculty of Science & Technology	Electrical Engineering	"Development of a New Technique for performance enhancement of switched reluctance motor drive by torque control."	G. H. Raisoni College of Engineering, Nagpur.	Dr. S. B. Bodkhe  Prof. Deptt. of Electrical Engg. Ramdeobaba College of Engineering & Mang. Nagpur.
9	Chetan Sudhakarrao Gode  C/o V.S. Patil, V-26, Narendra Nagar, Vijayanand Society Nagpur.  DOB: 16.02.1975	05.06.2015	06.06.2020	Ph.D.	Faculty of Science & Technology	Electronics Engineering	"Design and Development of Robust Video object Detection and Tracking in Cluttered Background."	Yeshwantrao Chavan College of Engineering, Nagpur.	Dr. A. S. Khobragade  Asso. Prof. Dept of Electronics & Telecomm. Engg. Y.C.C.E. Nagpur.
10	Mangala Sandip Madankar Flat No. 202, Plot. No. 311, Vatsalya Appartment, Laxmi	15.10.2016	15.01.2021	Ph.D.	Faculty of Science & Technology	Information Technology	"Agent Based Approach For Information Retrieval in Multilingual Indian Languages."	Deptt. of Information G. H. Raisoni College of Engg. Nagpur CRPF Gate No. 3, Hingna Road, Digdoh Hills,	Dr. Manoj B. Chandak H.O.D. CSE, RKNEC, Katol Road, Nagpur.

43	Sweta Balwantrao Bhute  Kasturba Road, Bazar Ward, Chandrapur.  DOB: 12.10.1986	15.07.2014	03.07.2019	Ph.D.	Faculty of Interdisciplina ry Studies	Social Work	"स्थलांतरित कामगारांकरिता राबविण्यात येणाऱ्या एच. आय. व्ही./एड्स लक्ष्यगट हस्तक्षेप प्रकल्पाबाबत लाभार्थ्यांच्या दृष्टिकोनाचे अध्ययन (विशेष संदर्भ : चंद्रपूर जिल्ह्यातील एमसॅक द्वारे प्रायोजित निवडक लाभार्थी)"	PGTD Sociology, RTM, Nagpur University, Nagpur.	Dr. Sunil M. Thakurwar  Mundafale College of Social Work, Narkhed.
44	Rajashree Tukaramji Kapse C/o Arun T. Balpande 17-A, Prasad Wanjari Nagar, Nagpur.  DOB: 27.07.1971	13.07.2012	07.07.2017	Ph.D.	Faculty of Interdisciplina ry Studies	Social Work	"राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठाशी संलग्नित समाजकार्य महाविद्यालयांमध्ये शिक्षण घेत असलेल्या विद्याथ्याँमध्ये एड्स विषयक जनजागृतीचे अध्ययन"	Purushottam Thote College of Social Work, Nagpur.	Dr. Sanju C. Utpure  Purushottam Thote  College of Social Work,  Nagpur.

By order of the Board of Examinations & Evaluation,

(Dr. Prafulla M. Sabale)
Director

(Board of Examinations & Evaluation)

Dated: 04-02-2022

#### No.: RTMNU/Ph.D. (Cell)/20/1283A

### Copy forwarded for information to :

- 1. The Candidates concerned and Their Supervisors.
- 2.All Members of Board of Examinations & Evaluations, R.T.M. Nagpur University, Nagpur.
- 3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 4. The Hon'ble Pro-Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
- 5. The Director, Board of College & University Devlopment, R.T.M. Nagpur University, Nagpur.
- 6.The University Librarian, R.T.M.Nagpur University of the V.B.alias BHausaheb Kolte Library, Nagpur.
- 7. The Director, Student Welfare, R.T.M. Nagpur University, Nagpur.
- 8. The Registrar, R.T.M. Nagpur University, Nagpur.
- 9. The Director, (Board of Examination & Evaluation), R.T.M. Nagpur University, Nagpur.
- 10. The Finanace & Accounts Officer, R.T.M. Nagpur University, Nagpur.
- 11.All Head of the Teaching Department ,R.T.M.Nagpur University, Nagpur.
- 12.All Principals/Director of the affilated & Conducted Colleges, R.T.M. Nagpur University, Nagpur.
- 13.Deputy Secretary, University Grants Commision Bahadur Shah Zafar Marg, New Delhi-110002.
- 14. The Director. Indian Council of Social Sciences. 35. Firozshah Road. New Delhi-2.
- 15.The Secretary Genral, Assosiation Of Indian Universities, 16, Kotla Road, New Delhi-2.
- 16. The Secretary, Inter University Board of India, Rose Avenue, New Delhi.
- 17. The Joint Secretary, Library & Documentation Assosiation Of Indian Universities, 16, Kotla Road, New Delhi.
- 18. The Librarian, Indian Institute Of Sciences, Bangalore-12.
- 19. The Registrar Of Universities in Maharashtra.
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- 21. The Senior Statistical officer University Grant Commission, Bahadur Shah Zafar Marg, New Delhi
- 22.All the Deputy Registrars, R.T.M. Nagpur University, Nagpur.
- 23. All the Assitant Registrars, R.T.M. Nagpur University, Nagpur.
- 24.The Clerk-In-Charge, (Annual Report), Statistic Section, R.T.M. Nagpur University, Nagpur.
- 25. The Director, INFLIBNET Centre, Near Gujrat University Guest House, P.B. No. 4116, Navrangpura, Ahmedabad-380009.
- 26.The Clerk-In-Charge, Provisional Degree Certificate, R.T.M. Nagpur University, Nagpur.

Let of

(Motiram S. Tadas)
Deputy Registrar (Ph.D. Cell)



### **BHAGWANT UNIVERSITY**

Sikar Road, Ajmer -305023 (Rajasthan), INDIA

F. NO.: BU/RES/2001/Notification/2022/836

Dated: 30.07.2022

### Ph.D. NOTIFICATION

It is hereby notified that the President/Vice-Chancellor, Bhagwant University, in anticipation of the approval of the Academic Council, has accepted the thesis submitted by the following candidate and declared him/her eligible for the award of the Degree of 'Doctor of Philosophy' (Ph.D.) of the Bhagwant University, Ajmer in the subject concerned. The degree will be issued in due course. The relevant details are indicated below:

Name of Candidate

: Bhushan M. Manire

Date of Registration

: 30.12.2016

Enrollment No

: 616010400002

Faculty/Subject

: Computer Science & Engineering

Title of Thesis

: A Novel and Secure Forensic Software Framework for Extraction and

Decoding of Mobile Artifacts.

Name of Supervisor(S)

: Dr. Krishan Kumar Goyal, Dr. Shivani

Date of Ph.D. Viva Voce : 22.07.2022

Copy forwarded to:-

egistrar

Bhagwant University

The Secretary, UGC, Bahadur Shah Zafar Marg, New Delhi-110002

The Secretary, Association of Indian Universities, AIU, House, 16-Kotla Marg, New Delhi.-110002

3. The Head, Human Resource Development Group, CSIR Complex, Library Avenue, Pusa, New Delhi 110 012 India.

The Registrar, All Universities, India (through email)

The Editor, University News, AlU, AlU House, 16, Kotla Marg, New Delhi

The Member Secretary, Indian Council of Social Sciences Research, 35, Firoz Shah Road, New Delhi 6.

Director, Information and Library Network Centre, Gujrat University Campus, Navrangpura, Ahmedabad-380009

The Secretary/Director, Scientific & Industrial Research, CSIR, Anusandhan Bhawan, 2, Rafi Marg, New Delhi

9. The Indian Science Abstract Section, Indian National Scientific Documentation Center, Hillside Road, New Delhi

10. The Director, Directorate of College Education, Block-4, Shiksha Sankul, Jawahar Lal Nehru Marg, Jaipur, Rajasthan 302106

11. The Director, Department of Science & Technology, 506, Fourth Floor, Mini Secretariat, Bani Park, Jaipur, Rajasthan 302106.

12. The Librarian, National Library, Belverde, Kolkata.

13. PS to Hon'ble Chancellor, VC - for information to Hon'ble Chancellor and Vice-Chancellor, please.

14. Deans/Directors of the Faculties/Departments Concerned

15. Concerned Supervisors

Concerned Student

17. Examination (PhD Cell)/ Enrolment/ Librarian/ Development/ BOM/Academic Council/ Website Incharge, BU

Registrar

Registrar **Bhagwant University** Aimer

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### Anctor of Philosophy (अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्यांत्रिकी आणि तंत्रशास्त्र आचार्य) (अध्यांत्रिकी आणि तंत्रशास्त्र आचार्य)

This is to certify that
Shri Nischal Parshuram Mungle having been found
to be duly qualified on examination of the thesis
on "Studies on Availability and Effectiveness of Agro
Waste Briquettes As Alternate Suburban
Juel Source" was admitted to the degree of
Hoctor of Hilliamphy (आभाषिकी आणि तंत्रशास्त्र आचर्र)
in the Faculty of Engineering & Technology in
this University in the year 2016.

Nagpur Dated : 19-11-2016 Vice-Chancellor



### Yeshwantrao Chavan College of Engineering

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

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NAAC Accredited with 'A++' Grade

Ph.: 07104-295083, 295085

Website: www.ycce.edu, Email: principal@ycce.edu

### **Declaration by the Head of the Institution**

I hereby declare that the data, information and support documents attached herewith are genuine and correct to my knowledge.

SEAL OF ENCLOSERING SEAL OF SE

Dr. U.P. Waghe
Principal
Principal
Yeshwantrao Chavan
College of Engineering
Wanadongri Hingna Road,
NAGPUR-441110