

# University of Pune



## Declaration of result of the Doctor of Philosophy ( Ph.D. )

Mrs. Madhuri Bhushan Khambete ( माधुरी भूषण खांबेते )

University has accepted thesis submitted by the above mentioned candidate for award of Ph.D. as per reports of referees and of examiners of open defense of the thesis. Accordingly it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph.D.

### RELEVANT DETAILS ARE AS UNDER:

- 1 Faculty : Engineering
- 2 Subject : E. & T.C. Engineering
- 3 Title of the Thesis : " Study of Image Compression Coding Techniques using Wavelet Transform"
- 4 Place of Research : College Of Engineering Pune 5
- 5 Name and Address of the Guide : Dr. Mrs. M.A. Joshi  
Prof. of E. & T.C. Dept.  
Govt. College of Engineering,  
Shivajinagar, Pune - 411005
- 6 Date of Registration : 20<sup>th</sup> Nov 2002
- 7 Date of Declaration of result : 12<sup>th</sup> Jan 2008

Ganeshkhind, Pune 411007.  
Ref. No. PGS/Ph.D. /192

Date: 17/1/08



*[Signature]*  
For Controller of Examinations

# University of Pune



## Declaration of Result of the Doctor of Philosophy (Ph.D.)

Mukherji Prachi ( मुखर्जी प्राची )

Mothers Name : Kirti ( किर्ती )

University has accepted thesis submitted by the above-mentioned candidate for award of Ph. D., as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

### RELEVANT DETAILS ARE AS UNDER :

1. Faculty : Engineering
2. Subject : Electronics & Telecommunication
3. Title of the Thesis : "Study of Optical Character Recognition with reference to Devnagari Script."
4. Place of Research : Govt. College of Engineering, Shivajinagar, Pune - 411 005.
5. Name and Address of the Guide : Dr. Mrs. Priti P. Rege  
Prof. Electronics & Telecommunication  
Engineering Department,  
College of Engineering, Shivajinagar,  
Pune - 411 005.
6. Date of Registration : 20<sup>th</sup> November, 2002.
7. Date of Declaration of Result : 11<sup>th</sup> December, 2009.



Ganeshkhind, Pune 411007.

Ref. No. FGS/Ph.D./7840

Date: 22/12/2009

*S.P.S.* 22/12/09  
For Controller of Examinations

*[Signature]*  
Professor and Head

Spd, K... ..

Pune - 411 001.



# Savitribai Phule Pune University

(formerly University of Pune)

## Declaration of Result of the Doctor of Philosophy (Ph.D.)

Ohatkar Sharada Narsingrao

(ओहटकर शारदा नरसिंगराव)

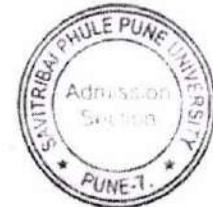
Mother's Name : Pavitra

(पवित्रा)

University has accepted the thesis submitted by the above-mentioned candidate for the award of Ph.D., as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

### RELEVANT DETAILS ARE AS UNDER :

- 1 Faculty : Engineering
- 2 Subject : Electronics & Telecommunication Engineering
- 3 Title of the Thesis : "A heuristics approach for interference reduction in channel assignment of cellular radio network"
- 4 Place of Research : Department of Electronics & Telecommunication Engineering, JSPMS's Rajarshi Shahu College of Engineering, Tathwade , Pune - 411 033.
- 5 Name and Address of the Guide : Dr. D.S. Bormane  
Department of Electronics & Telecommunication Engineering, JSPMS's Rajarshi Shahu College of Engineering, Tathwade , Pune - 411 033.
- 6 Date of Registration : 12<sup>th</sup> July, 2012
- 7 Date of Declaration of Result : 25<sup>th</sup> October, 2016



Ganeshkhind, Pune 411007

Ref. No. PGS/Ph.D./493

Date: 26 OCT 2016.

*H. 26/10/2016*  
for Controller of Examinations



**Savitribai Phule Pune University**  
(formerly University of Pune)

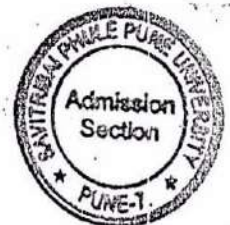
**Declaration of Result of the Doctor of Philosophy (Ph.D)**

**Musale Sandeep Sahebrao** (मुसळे संदीप साहेबराव )  
**Mother's Name: Indirabai** (इंदिराबाई )

University has accepted the thesis submitted by the above-mentioned candidate for the award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

**RELEVANT DETAILS ARE AS UNDER :**

- 1 Faculty : Engineering
- 2 Subject : Electronics & Telecommunication Engineering
- 3 Title of the Thesis : "Development of Texture Analysis Algorithm for Identification of Defective Agro Products: A Case Study of Alphonso Mango".
- 4 Place of Research : Department of Electronics & Telecommunication Engineering,  
Sinhgad College of Engineering,  
Vadgaon(Bk), Pune - 411 041.
- 5 Name and Address of the Guide : Dr. P.M. Patil  
Department of Electronics & Telecommunication Engineering,  
Sinhgad College of Engineering,  
Vadgaon(Bk), Pune - 411 041.
- 6 Date of Registration : 25<sup>th</sup> January, 2011
- 7 Date of Declaration of Result : 10<sup>th</sup> August, 2015



Ganeshkhind, Pune 411007  
Ref. No. PGS/Ph .D. / 334  
Date: 10 AUG 2015

Attested for Controller of Examinations

Principal Registrar  
MKSS's Cum College of Engg  
For Women Karvenagar, Pune-41



# Savitribai Phule Pune University

(formerly University of Pune)

## Declaration of Result of the Doctor of Philosophy (Ph.D.)

Pasumarti Venkat Srinivas Shastry

(पसुमर्ति व्यंकट श्रीनिवास शास्त्री)

Mother's Name : Seeta

(सीता)

University has accepted the thesis submitted by the above-mentioned candidate for the award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

### RELEVANT DETAILS ARE AS UNDER :

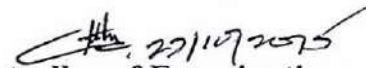
- 1 Faculty : Engineering
- 2 Subject : Electronics & Telecommunication Engineering
- 3 Title of the Thesis : "Development of CMOS VLSI Architectures for Advanced Encryption Standard".
- 4 Place of Research : Department of Electronics & Telecommunication Engineering, College of Engineering Pune, Shivajinagar, Pune - 411 005.
- 5 Name and Address of the Guide : Dr. M.S. Sutaone  
Department of Electronics & Telecommunication Engineering, College of Engineering Pune, Shivajinagar, Pune - 411 005.
- 6 Date of Registration : 24<sup>th</sup> January, 2011
- 7 Date of Declaration of Result : 20<sup>th</sup> October, 2015



Ganeshkhind, Pune 411007

Ref. No. PGS/Ph .D. 14 65

Date: 27 OCT 2015

  
for Controller of Examinations



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

देशपांडे अश्विनी मंगेश

को एतद्वारा इलेक्ट्रॉनिक्स अभियांत्रिकी में

विद्या वाचस्पति

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  
जुलाई, २०१५ में अपने शोध-निबंध के सफल पक्षपोषण के उपरांत,  
सूरत, भारतीय गणराज्य में आज सोलह अगस्त, २०१६ को दी गई है।

*Upon recommendation of the Senate*

*hereby confers the degree of*

**Doctor of Philosophy**

*in Electronics Engineering*

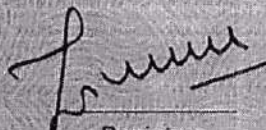
*on*

*Deshpande Ashwini Mangesh*

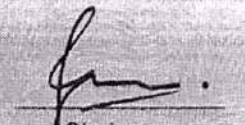
*who has fulfilled the requirements for the degree as prescribed under the  
regulations and has successfully defended in July, 2015, the thesis entitled:  
Single Image Deblurring: Novel PSF Estimation and Restoration Techniques*

*Given this day, under the seal of the Institute at Surat  
in the Republic of India, the Sixteenth of August, 2016.*



  
Registrar

  
Chairman,  
Senate

  
Chairman,  
Board of Governors





# मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान, भोपाल

मध्य प्रदेश, भारत  
अभिषद् की अनुशंसा पर

अनीता जैन

को  
इलेक्ट्रॉनिक्स एवं संचार अभियांत्रिकी  
में

“डिजाइन आफ इफ़ीशीयन्ट 3D कोरडिक ऐलगोरिथम यूजिंग FPGA”

इनके शोध कार्य हेतु

डॉक्टर ऑफ़ फिलॉसफी

की उपाधि उनके द्वारा इस उपाधि की अवाप्ती हेतु विनियम विहित अहर्ताओं को  
सफलतापूर्वक वर्ष मार्च 2014 में पूर्ण करने पर एतद् द्वारा प्रदान करता है।

भारतीय गणराज्य के अंतर्गत भोपाल में आज दिनांक 06 नवम्बर 2014 को संस्थान की मुद्रा सहित दी गई।

**MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL**

Madhya Pradesh, India

Upon recommendation of the Senate, hereby confers the degree of

**Doctor of Philosophy**

in

**ELECTRONICS AND COMMUNICATION ENGINEERING**

on

**ANITA JAIN**

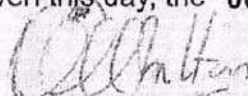
for her research work entitled

“DESIGN OF EFFICIENT 3D CORDIC ALGORITHM USING FPGA”


who has completed the requirements prescribed under the regulations

for the award of this Degree and passed the examination in **March 2014**

Given this day, the **06<sup>th</sup> November 2014** under the seal of the Institute at Bhopal in the Republic of India.

  
निदेशक एवं अध्यक्ष, अभिषद्  
Director & Chairman, Senate



  
अध्यक्ष, शासी निकाय  
Chairman, Board of Governors

# Washtrasant Tukadoji Maharaj Nagpur University

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



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

*This is to certify that  
Ku. Seema Hemantkumar Rajput having been found  
to be duly qualified on examination of the thesis  
on "Mitigation of The Errors Due to Jamming,  
Denial of Service Attacks and Interference Using  
Innovative Security Algorithms in Cognitive Radio"  
was admitted to the degree of Doctor of Philosophy  
(अभियांत्रिकी आणि तंत्रशास्त्र आचार्य) in the Faculty of  
Engineering & Technology in this University in the  
year 2016.*



# Rashtrasant Tukadoji Maharaj Nagpur University

"Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1<sup>st</sup> 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

(अभियांत्रिकी आणि तंत्रशास्त्र आचार्य)

(Faculty of Engineering & Technology)

*This is to certify that  
Smt. Anita Sudhir Patil having been found to be duly  
qualified on examination of the thesis entitled  
"Study of Brain Images in the Domain of Emotions and  
its Application for Diagnosis of Psychosomatic Disorders"  
was admitted to the degree of Doctor of Philosophy  
(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

*S. Mans*  
Vice-Chancellor

104<sup>th</sup> Convocation 2017

क्रमांक 2018A7020  
Serial No.



नामांकन क्रमांक  
Enrollment No. : PU12-7608

**पैसिफिक उच्चतर शिक्षा और अनुसंधान अकादमी विश्वविद्यालय,  
उदयपुर**

यह प्रमाणित किया जाता है कि

**मेघा सुनील बोरसे**

द्वारा विश्वविद्यालय के सम्बन्धित विनियमनों में विहित अपेक्षाओं को सफलतापूर्वक पूर्ण  
कर लेने पर विश्वविद्यालय के प्रबन्ध मण्डल की अनुशंसा पर इन्हें

**अभियांत्रिकी संकाय**

के इलेक्ट्रॉनिक्स एण्ड कम्यूनिकेशन इंजीनियरिंग विभाग में

**विद्या-वाचस्पति**

की उपाधि वर्ष 2017 में प्रदान की गयी है।

इनके शोध का विषय प्रतिरक्षा क्षेत्र आकार समर्थन वेक्टर मशीन का उपयोग करते  
हुए चुम्बकीय गूँज चित्रों में मस्तिष्क के ऊतको का त्रिविम दृश्यन पुनर्निर्माण

**Pacific Academy of Higher Education and Research  
University, Udaipur**

This is to certify that on the recommendation of  
the Board of Management of the University

**MEGHA SUNIL BORSE**

has been conferred the degree of

**Doctor of Philosophy**

in the Department of Electronics & Communication Engineering  
in the year 2017 in the

**Faculty of Engineering**

on successful fulfilment of the requirements prescribed  
under the relevant regulations of the University.

The topic of research was "3-D Reconstruction of Encephalic Tissue in  
MR Images Using Immune Sphere-shaped Support Vector Machines"

निर्गमन दिनांक:  
16 नवम्बर, 2018

Date of Issue:  
16 November, 2018





\*A\*Grade  
NAAC Re-accredited  
(3<sup>rd</sup> Cycle)

॥ अंतरी पेटवू ज्ञान्योत ॥

उत्तर महाराष्ट्र विद्यापीठ, जळगाव- ४२५ ००१

NORTH MAHARASHTRA UNIVERSITY, JALGAON  
Umavinagar, Post Box 80, Jalgaon - 425 001, INDIA

Fax : (91)-0257-2258406  
Website : [www.nmu.ac.in](http://www.nmu.ac.in)

Telephone : (O) : 0257-2257224, 0257-2258409  
Email : [bcudresearch@rediffmail.com](mailto:bcudresearch@rediffmail.com)

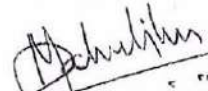
### NOTIFICATION

It is hereby notified for the information of all concerned that the report of the referees appointed to examine and adjudicate the thesis "*Performance Improvement of Hybrid MIMO - OFDM for Next Generation Wireless Communication System*" submitted by the below mentioned candidate, has been accepted by this University and that the said candidate has been declared **eligible** for the award of Degree of:

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

of the North Maharashtra University with following criterias of the UGC notification July 11-17,2009.

Name of the Candidate	: Mrs. Shubhangi Ravindra Chaudhary		
Ph.D.Entrance Test (PET)	: Qualified		
Date of Registration	: 23.02.2011		
Pre-Ph.D.Course Work (Grade)	Paper I	Paper II	Paper III
	O	O	A
Topic of Research	: Performance Improvement of Hybrid MIMO - OFDM for Next Generation Wireless Communication System		
Guide	: Dr. A. J. Patil, Shri. Gulabrao Deokar College of Engineering, Gate No.56, Shirsoli Road,Jalgaon.		
Subject	: Electronics Engineering		
Faculty	: Engineering & Technology		
Pre-submission presentation	: 20.08.2015		
Viva-voce held on	: 10.11.2015		
Thesis submitted on	: 26.12.2016		
Viva-Voce held on	: 26.12.2016		

  
(Prof. P. P. Mahulikar)  
26/12/2016  
Director

Board of College and University Development

Ref. No. NMU/11/Ph. D. /Elect.Engg./ 4099 /2016 Date : 26/12/2016

Copy f.w.cs. to:-

1. The University Librarian.
2. The Heads/In-charges of the University Departments/Sections.
3. Guide :- Dr. A. J. Patil, Shri. Gulabrao Deokar College of Engineering, Gate No.56, Shirsoli Road Jalgaon
4. Student:-Mrs. Shubhangi R. Chaudhary, Flat No.1, Abhishek B, Happy Colony, Kothrud,Pune-411038.
5. Secretary General, AIU House,16,Com.Indrajeet Gupta Marg, (Kotla Marg),New Delhi -02
6. Dr. Youd Vir Singh, Library & Documentation Division, AIU House, New Delhi
7. The Director, INFLIBNET Centre, Infocity,Gandhinagar : 382 007 Gujarat  
(Please find enclosed herewith a CD of PDF soft copy of the thesis. for putting the soft copy of thesis on website.)

# RTM Nagpur University

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

Re-accredited (Grade B) by AACSB



## Doctor of Philosophy

(अभियांत्रिकी आणि तंत्रशास्त्र आचार्य)

(Faculty of Engineering & Technology)

This is to certify that

*Ka. Bageshree Ashok Sathe* having been found to be duly qualified on examination of the thesis entitled

*"Recognition of Emotions in Speech and its Transformation for Effective Voice Culture Training System"* was admitted to the degree of **Doctor of Philosophy**

(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<sup>rd</sup> 12 2017

*Sprans*  
Vice-Chancellor

104<sup>th</sup> Convocation 2017



ENGLISH TRANSLATION

FORMERLY KNOWN AS UNIVERSITY OF INDORE



## DOCTOR OF PHILOSOPHY

Certified that Smt Supriya Kelkar

obtained the Degree of DOCTOR OF PHILOSOPHY

in Electronics & Telecommunication under the Faculty of

Engineering in the year 2014

Title of Thesis Development and Analysis of Data

Reduction Algorithms for Automotive Multiplex

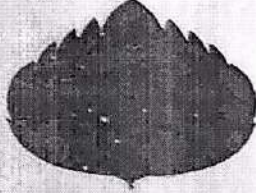
Systems In-vehicle Networks with Special Reference  
To CAN 2.0 Protocol

Dated March 14, 2014

side of issue

D. Singh  
Vice-Chancellor

16 SEP 2014.



# Savitribai Phule Pune University

(formerly University of Pune)

*We, the Chancellor, the Vice Chancellor and the Members of the Management Council and the Academic Council of the Savitribai Phule Pune University certify that*

*Jahirabadkar Sunita Abhay, Mother's Name: Sunanda*

*having been examined and found duly qualified for the degree of*

**Doctor of Philosophy**

*(Computer Engineering)*

*The said degree has been conferred on her. In testimony whereof is set the seal of the said University.*

## सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ)

आम्ही, सावित्रीबाई फुले पुणे विद्यापीठाचे कुलपति, कुलगुरु आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य, प्रमाणित करितो की,

जहीराबादकर सुनीता अभय, आईचे नाव: सुनंदा

**विज्ञावाचस्पती**

( संगणक अभियांत्रिकी )

पदवीस पात्र झाल्याबद्दल त्यांना ही पदवी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.



  
Vice Chancellor

22nd March 2016

EN15-00005

20120118



# Jadavpur University

*Certified that*

**Smt. Sandhya Bhagat**

*was admitted to the Degree of Doctor of Philosophy in Engineering of this University on 10/10/2012 and that the degree was conferred on him/her at the Convocation held in December 2012 with all the Rights and Privileges thereto appertaining.*

*In Witness whereof the Signature of the Vice-Chancellor of*  
**Jadavpur University** *is herewith affixed.*



JADAVPUR UNIVERSITY

The 24th December, 2012

*Sandhya*  
Vice-Chancellor





**Savitribai Phule Pune University**  
(formerly University of Pune)

**Declaration of Result of the Doctor of Philosophy (Ph.D.)**

**Gosavi Chhaya Santosh**

( गोसावी छाया संतोष )

**Mother's Name : Babibai**

( बेबीबाई )

University has accepted the thesis submitted by the above-mentioned candidate for the award of Ph.D., as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

**RELEVANT DETAILS ARE AS UNDER:**

- 1 Faculty : Engineering
- 2 Subject : Computer Engineering
- 3 Title of the Thesis : "Digital Video Watermarking Techniques for Enhancing Security of Multimedia Formation and Delivery "
- 4 Place of Research : Department of Computer Engineering  
Dr.D.Y. Patil Institute of Technology,  
Sant Tukaram Nagar, Pimpri,  
Pune -411 016.
- 5 Name and Address of the Guide : Dr. Suresh N. Mali  
Department of Computer Engineering  
Dr.D.Y. Patil Institute of Technology,  
Sant Tukaram Nagar, Pimpri,  
Pune -411 016.
- 6 Date of Registration : 30<sup>th</sup> July, 2012
- 7 Date of Re-Registration : 30<sup>th</sup> July, 2017
- 8 Date of Declaration of Result : 25<sup>th</sup> May, 2018



Ganeshkhind, Pune 411007

Ref. No. PGS/Ph .D. / 313

Date:

29 MAY 2018

  
for Director

Board of Examinations & Evaluation

# University of Pune



## Declaration of Result of the Doctor of Philosophy (Ph.D.)

**Panditrao Anagha Maneesh (पंडितराव अनघा मनीष )**

**Mother's Name :- Vaishali (वैशाली )**

University has accepted the thesis submitted by the above-mentioned candidate for the award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

### RELEVANT DETAILS ARE AS UNDER:

- 1 Faculty : Engineering
- 2 Subject : Electronics & Telecommunication
- 3 Title of the Thesis : Temperature Estimation Technique Using Photographic Images of Visible Light Emission.
- 4 Place of Research : Dept. of Electronics & Telecommunication  
College of Engineering, Shivajinagar,  
Pune-411005
- 5 Name and Address of the Guide : Dr. (Mrs.) P. P. Rege  
Dept. of Electronics & Telecommunication  
College of Engineering, Shivajinagar,  
Pune-411005
- 6 Date of Registration : 21<sup>st</sup> July 2006
- 7 Date of Declaration of Result : 4<sup>th</sup> April 2012

Ganeshkhind, Pune 411007.

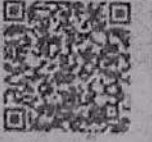
Ref. No. PGS/Ph.D./227

Date: = 4 MAY 2012

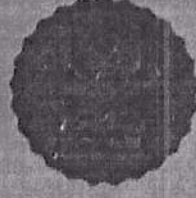
  
For Controller of Examinations



Sr. No. Q1- 0000101



# Swami Ramanand Teerth Marathwada University, Nanded



We, the Chancellor, the Vice-Chancellor, Members of the Management Council and the Academic Council of the Swami Ramanand Teerth Marathwada University, certify that the degree of

## Doctor of Philosophy

Engineering & Technology

In the faculty of (Instrumentation Engineering)

has been conferred on Gawande Jayanand Pralhadrao on Twenty Sixth February Two Thousand Seventeen who has been found duly qualified for the same. In testimony whereof is set the seal of the said University.

## स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

गावडे जयानंद प्रल्हादराव

हे/ह्या

विद्यावाचस्पती या पदवीस पात्र ठरल्यामुळे त्यांना स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठाचे कुलपती, कुलगुरु, व्यवस्थापन परिषद आणि विद्या परिषद सदस्य यांच्या अनुमतीने

विद्याशाखांतर्गत

अभियांत्रिकी व तंत्रशास्त्र ( उपकरणीकरण अभियांत्रिकी )

## विद्यावाचस्पती

ही पदवी दिनांक सव्वीस फेब्रुवारी दोन हजार सतरा रोजी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.

Date : 26th February, 2017

Place: Nanded, Maharashtra State, India.

प्रतिपत्ति

Vice-Chancellor



स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ

नांदेड - ४३१६०६ (महाराष्ट्र)

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY  
NANDED-431606, MAHARASHTRA STATE, INDIA



Established on 17th September 1994

Recognized by the UGC Uis 21 and 12B, NAAC Re-accredited with 'A' Grade

## P.G. SECTION

Phone: (02462) 229242

Website: www.srtmuni.ac.in

E-mail: dr.pg.section@gmail.com

Fax : (02462) 229574

Ref.No. PG/Ph.D./2016-2017 354-8

### NOTIFICATION

It is hereby notified for the information of all concerned that the report of the referees appointed to examine and adjudicate the Thesis entitled:

### “Design and Experimental Investigation of Some Control Strategies for TITO Systems.”

Submitted by the candidate mentioned below has been accepted by this University, and the candidate has been declared 'Eligible' for the award of Degree of

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

### SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY

Name of the Candidate	: Mr. Hajare Vikas Dattatry
Date of Registration	: 07/09/2010
Topic of Research	: “Design and Experimental Investigation of Some Control Strategies for TITO Systems.”
Name of the Guide	: Dr. B.M. Patre
Subject	: Instrumentation
Faculty	: Engineering & Technology
Viva Voce Held on	: July 08, 2016
Eligibility No.	: Ph.D/Instru./Sept.-10/11-07. Date: 17/04/2012

CONTROLLER OF EXAMINATIONS

Copy forwarded with compliments to:

01. The University Grants Commission, Bahadurshah Zafar Marg, New Delhi.
02. The Joint Secretary U.G.C., Western Regional Center, Amal Road, Connaught Place, New Delhi Campus, Pune - 411 007.
03. The Secretary Association of Indian Universities, All House, 16 Kotla Marg, New Delhi.
04. The Editor, University Association of Indian Universities, All House, 16 Kotla Marg, New Delhi-110027.
05. The Dean of concerned faculty.
06. The Controller of Examinations, this University
07. Research Guide: **Dr. B.M. Patre**
08. Researcher: **Mr. Hajare Vikas Dattatry**
09. Convocation Section, this University
10. The University Librarian with copy of the thesis.
11. Director concerned faculty Research Center

ENGLISH TRANSLATION

FORMERLY KNOWN AS UNIVERSITY OF INDORE



**DOCTOR OF PHILOSOPHY**

Certified that Smt. Anagha Kulkarni

obtained the Degree of DOCTOR OF PHILOSOPHY

in Computer Engineering under the Faculty of

Engineering in the year 2016

Title of Thesis "Context - Based Document

Mining"

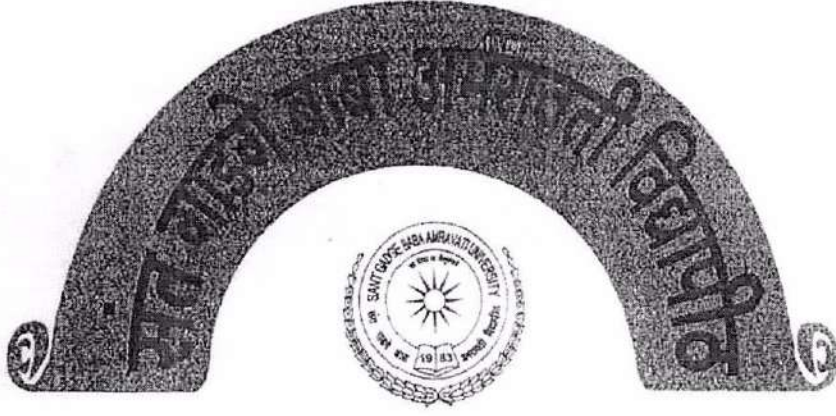
Dated June 30 2016

date of issue

[Signature]

Vice-Chancellor

8 DEC 2016



**अभियांत्रिकी आचार्य**  
**Doctor of Philosophy**  
(Faculty of Engg. & Tech.)

This is to certify that

*Mrs. Dipti Durgesh Patil*

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

*Design And Development Of Adaptive And  
Computationally Efficient Datamining  
Methodology For Real Time Health Care System*

was admitted to the degree of  
Doctor of Philosophy in the Faculty of Engg. & Tech.  
in this University in the year 2014

*Amravati :*  
04 Mar., 2014



*V. Patil*  
Vice-Chancellor



**Indian Institute of Technology Bombay**

upon recommendation of the Senate

and

**Monash University**

with the authority of the Council

have conferred the degree of

***Doctor of Philosophy***

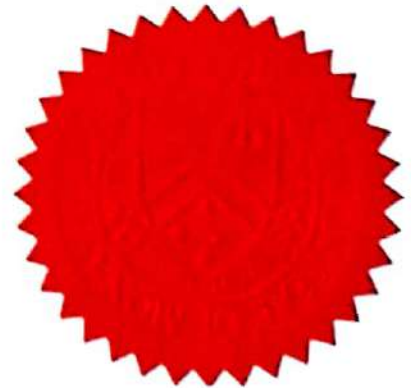
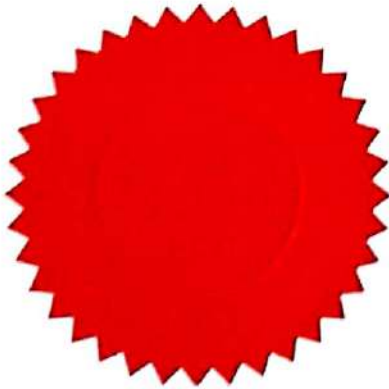
on

***Chetana Gavankar***

who has fulfilled the requirements for the degree as prescribed under the regulations of the joint program  
and successfully defended the thesis entitled

***'Ontology Population and Concept Search across Ontologies: Challenges and Methodologies'***

Given on the twelfth day of August 2017 under the seal of the Indian Institute of Technology Bombay  
and Monash University at Mumbai, India.



Registrar

Director and Chairman, Senate

Chairman, Board of Governors

**Indian Institute of Technology Bombay**

President and Vice-Chancellor

Chancellor and Chairman of the Council

**Monash University**

# University of Pune



## Declaration of Result of the Doctor of Philosophy (Ph.D.) Shri. Ingle Ravindra Bhimraoji (श्री. इंगळे रविंद्र भिमरावजी)

University has accepted thesis submitted by the above mentioned candidate for award of Ph.D. as per reports of referees and examiners of open defence of the thesis. Accordingly it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

### RELEVANT DETAILS ARE AS UNDER :

1. Faculty : Engineering
2. Subject : Mechanical Engineering
3. Title of the Thesis : "Dyanamic Analysis & Performance Characteristics of Carbon- Epoxy Shafts in High Speed Aerostatic Conical Bearings."
4. Place of Research : Government College of Engineering Shivajinagar, Pune - 411 005.
5. Name and address of the guide : Dr. B.B. Ahuja  
Department of Production Engineering & Workshop,  
Government College of Engineering Shivajinagar, Pune - 411 005.
6. Date of Registration : 12<sup>th</sup> May, 2000.
7. Date of Declaration of Result : 22<sup>nd</sup> February, 2005

Ganeshkhind, Pune 411 007.  
Ref.No.PGS/Ph.D/ 560  
Date: 23/2/2005

*Sfoms*  
For Controller of Examinations

Attested Copy

Principal/Vice Principal/Registrar  
MKSSM Cummins College of Engg.  
For Women, Karvenagar, Pune-52.



# Solapur University

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



*[Signature]*  
Signature of the Candidate

## Doctor Of Philosophy

*Mechanical Engineering*  
has been conferred on the 1<sup>st</sup> day of the month of  
November in the year two thousand twelve  
at Solapur, on

*Bewoor Anand Krishnarao*

*who has been found duly qualified for the same.*

True Copy

*[Signature]*  
HOD MECHANICAL  
DCCER. N. S. P. U.

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

*[Signature]*

Registrar



*[Signature]*

Vice - Chancellor

# Tennessee Technological University

Cookeville, Tennessee

Upon the recommendation of the Faculty, the Tennessee Board of Regents

has conferred upon

**Gautam S. Chandekar**

the degree of

**Doctor of Philosophy**

with a major in

**Engineering**

together with all the rights, privileges and honors pertaining thereto. Given on the fourth day of August, two thousand seven, in the ninety-second year of the University.

*Chas. W. King*

Chancellor, Tennessee Board of Regents

*Phil Riden*

Governor, Chairman Tennessee Board of Regents

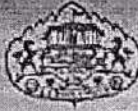


*T. John P. Bell*

President of the University

Attested Copy

Principal/Registrar  
College of Education  
Cookeville, Tennessee



**Savitribai Phule Pune University**  
(formerly University of Pune)

**Declaration of Result of the Doctor of Philosophy (Ph.D.)**

**Bhosale Ajit Ashok**

(भोसले अजित अशोक )

**Mother's Name: Mangala**

(मंगला )

University has accepted the thesis submitted by the above-mentioned candidate for the award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

**RELEVANT DETAILS ARE AS UNDER :**

- 1 Faculty : Engineering
- 2 Subject : Mechanical Engineering
- 3 Title of the Thesis : "Design & Development of Machine to Predict Shelf Life of Fruits".
- 4 Place of Research : Vishwakarma Institute of Technology  
Upper Indira nagar, Pune - 411 037.
- 5 Name and Address of the Guide : Dr. K.K. Sundaram  
Vishwakarma Institute of Technology  
Upper Indira nagar, Pune - 411 037.
- 6 Date of Registration : 30<sup>th</sup> May 2009
- 7 Date of Re-Registration : 30<sup>th</sup> May 2014
- 8 Date of Declaration of Result : 06<sup>th</sup> May 2015



Ganeshkhind, Pune 411007

Ref.No. PGS/Ph.D./170

Date: 8 MAY 2015

*[Signature]*  
for Controller of Examinations



# भारतीय प्रौद्योगिकी संस्थान मुंबई

वाटविसावे दीपक शांताराम

को एतद्द्वारा

विद्या वाचस्पति

की उपाधि प्रदान करता है।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरान्त मुंबई, भारतीय गणराज्य में आज 9 अगस्त, 2014 को दी गई है।

## Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

on

**Watvisave Deepak Shantaram**

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

“A Numerical Investigation of Wall Effects in High Knudsen Number, High Speed, Internal Flows.”

Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 9th day of August 2014.

Attested Copy

Principal/Registrar

MKSSS's Cummins College of Engineering  
For Women Karvenagar, Pune-52

For more information visit  
www.iitb.ac.in



# Savitribai Phule Pune University

(formerly University of Pune)

## Declaration of Result of the Doctor of Philosophy (Ph.D.)

**Chaware Parag Sudhir** ( चावरे पराग सुधीर )

**Mother's Name : Sushama** ( सुषमा )

University has accepted the thesis submitted by the above-mentioned candidate for the award of Ph.D., as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

### RELEVANT DETAILS ARE AS UNDER:

- 1 Faculty : Engineering
- 2 Subject : Mechanical Engineering
- 3 Title of the Thesis : "Fluid flow and heat transfer analysis of flow through pipe with twisted tape insert"
- 4 Place of Research : Department of Mechanical Engineering  
College of Engineering Pune  
Shivajinagar, Pune – 411 005.
- 5 Name and Address of the Guide : Dr. C.M. Sewatkar  
Department of Mechanical Engineering  
College of Engineering Pune,  
Shivajinagar, Pune – 411 005.
- 6 Date of Registration : 13<sup>th</sup> August, 2012
- 7 Date of Re-Registration : 13<sup>th</sup> August, 2017
- 8 Date of Declaration of Result : 08<sup>th</sup> May, 2018



Ganeshkhind, Pune 411007  
Ref. No. PGS/Ph.D. 1274  
Date: 11 MAY 2018

for Director

Board of Examinations & Evaluation



**विज्ञान आचार्य**  
**Doctor of Philosophy**  
(Faculty of Science)

This is to certify that

*Mrs. Madhuri Amol Purandare,*

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

*Study Of Cosmological Models Of Universe With  
Quadratic Equation Of State*

was admitted to the degree of  
Doctor of Philosophy in the subject **Mathematics**  
in the faculty of **Science** in this University in the year **2016**

*Amravati :*  
23 FEB 2017



*M. Prasad*  
Vice - Chancellor



## Declaration of result of the Doctor of Philosophy ( Ph.D )

**Bapat Malini Shashank** ( बापट मालिनी शशांक )

**Mother: Pratima** ( प्रतिमा )

University has accepted thesis submitted by the above mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above mentioned candidate is declared to have passed the examination of Ph.D. and has become eligible for the award of Ph.D. Degree.

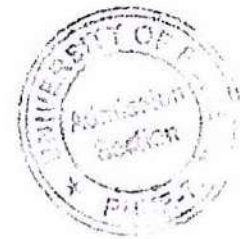
### RELEVANT DETAILS ARE AS UNDER:

1. Faculty : Science
2. Subject : Chemistry (Physical)
3. Title of the Thesis : "Studies on Alkaline Earth Perovskite (ABO<sub>3</sub>) Nanoparticles by Soft Chemical Processing"
4. Place of Research : Department of Chemistry, University of Pune, Pune-411007.
5. Name and Address of the Guide : Dr. Anjali A. Athawale, Department of Chemistry, University of Pune, Pune-411007.
6. Date of Registration : 17<sup>th</sup> June 2003.
7. Date of Declaration of Result : 16<sup>th</sup> April 2009.

Ganeshkhind, Pune 411007.

Ref. No. PGS/Ph.D. 1966

Date : 6/5/2009



For Controller of Examinations

Attested Copy

Principal / Registrar  
MKSSS's Cummins College of Engg.  
For Women Karvenagar. Pune-52.



# University of Mumbai मुंबई विद्यापीठ

OR

the Chancellor, Vice-Chancellor  
and  
Members of the Management Council  
confer the Degree of

**Doctor of Philosophy**

(Science)

on

**Vikram Sharad Usha Athalye**

Parle Tilak Vidyalaya Association's Sathaye College

for a Thesis in Physics

presented in July 2006

which has been accepted by the Examiners

at the Convocation

held on 12th February, 2008.

आम्ही,

कुलपती, कुलगुरू

आणि

व्यवस्थापन परिषदेचे सदस्य

**विद्यावाचस्पती**

(विज्ञान)

ही पदवी

जुलै २००६ मध्ये

भौतिकशास्त्र या विषयात

सादर केलेला प्रबंध परीक्षकांनी स्वीकृत केल्याबद्दल

विक्रम शरद उषा आठल्ये

पार्ले टिळक विद्यालय असोशिएशनचे साठये कॉलेज

यांना

१२ फेब्रुवारी, २००८ च्या

दीक्षान्त समारंभात प्रदान करित आहोत.

*Vijay Hole*

Vice-Chancellor / कुलगुरू

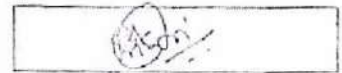
7226667





We,  
 the Chancellor, Vice-Chancellor  
 and Members of the Management Council of  
**Dr. Babasaheb Ambedkar Marathwada University,**  
 Aurangabad (Maharashtra State), India

Certify that the withinsigned



----- *Anand Subhash Joshi* -----  
 Student of *Dept. of Physics, J. E. S. College, Jalna*  
 who has been found duly qualified for the Degree of  
 Doctor of Philosophy (----- *Physics* -----)

The Degree of

**Doctor of Philosophy**  
 (----- *Physics* -----)

has been conferred on ----- *Suroo* ----- at Aurangabad, on the  
 ----- *teeth* ----- day of the month of ----- *March* ----- in the year  
 ----- *two thousand thirteen* -----

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

Date of Notification *June 29, 2012*

Place: Aurangabad

Date of issue of the Degree Certificate ----- *1 APR 2013* -----

*V. Pandurangam*

Vice-Chancellor

True copy

*Pr*  
 Assistant Professor  
 Badrinarayan Barwale  
 Mahavidyalaya, Jalna.

Attested Copy

*Pr*

AB3236

Principal, Registrar  
 MKSS's Cummins College of Engg  
 For Women, Karvenagar, Pune-52