

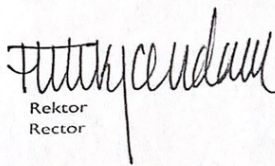


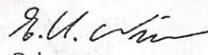
AALBORG UNIVERSITET
AALBORG UNIVERSITY · DENMARK

D I P L O M
D I P L O M A

Kishor Puna Patil

tildeles ph.d.-graden
has been awarded the PhD Degree


Rektor
Rector


Dekan
Dean



Navn: **Kishor Puna Patil**

Cpr-nr.: **030466-**

er tildelt ph.d.-graden af Det Teknisk-Naturvidenskabelige Fakultet i medfør af Videnskabsministeriets bekendtgørelse nr. 18 af 14. januar 2008.

Ph.d.-program: Wireless Communications

Afhandlingens titel: Spektrum udnyttelse og ledelse i kognitiv radio netværk

Forsvaret: 11. november 2013

Hovedvejleder: Professor Ramjee Prasad,
Aalborg Universitet

Bivejleder: Professor Knud Erik Skouby,
Aalborg Universitet

Professor U. B. Desai,
Indian Institute of Technology Hyderabad, Indien

Bedømmelsesudvalg: Professor Kwang-Cheng Chen,
National Taiwan University, Taiwan

Professor, dr.-ing.habil. Walter Konhäuser,
Technische Universität Berlin, Tyskland

Lektor Jens Myrup Pedersen, (formand),
Aalborg Universitet

Det Teknisk-Naturvidenskabelige Fakultet
Den 4. december 2013

Vejlederne har i medfør af Videnskabsministeriets bekendtgørelse nr. 18 af 14. januar 2008 deltaget i bedømmelsesudvalgets arbejde uden stemmeret.

Name: **Kishor Puna Patil**

CPR No.: **030466-**

has been awarded the PhD Degree by The Faculty of Engineering and Science in accordance with Ministerial Order No. 18 of January 14, 2008.

PhD programme: **Wireless Communications**

Title of Thesis: **Spectrum Utilisation and Management in Cognitive Radio Networks**

Defended: **November 11, 2013**

Supervisor: **Professor Ramjee Prasad,
Aalborg University**

Co-supervisor: **Professor Knud Erik Skouby,
Aalborg University**

**Professor U. B. Desai,
Indian Institute of Technology Hyderabad, India**


Assessment Committee: **Professor Kwang-Cheng Chen,
National Taiwan University, Taiwan**

**Professor Walter Konhäuser, Dr.-Ing.habil.,
Technical University Berlin, Germany**

**Jens Myrup Pedersen, Associate Professor, (chairman),
Aalborg University**

**Faculty of Engineering and Science
December 4, 2013**

The supervisors have participated in the work of the Assessment Committee, but with no voting rights, in accordance with Ministerial Order No. 18 of January 14, 2008.

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

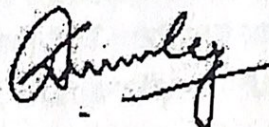
Shinde Jayashree Pratap
Mother's Name - Kamal
has been awarded the degree of

Doctor of Philosophy !

in Electronics Engineering
in the faculty of Engineering & Technology
on 28th July 2014.

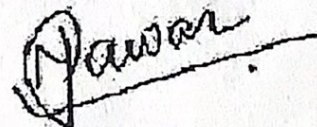
The said degree has been conferred on her
at Kolhapur in the Winter Session
of the year two thousand fifteen.

In testimony whereof are set the seal of the
university and the signatures of
the Registrar and the Vice-Chancellor.



Registrar





Vice-Chancellor



भारतीय प्रौद्योगिकी संस्थान मुंबई

बोरसे ऋषिकेश प्रकाश

को एतद्वारा

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 उपरांत
मुंबई, भारतीय गणराज्य मे आज 8 अगस्त, 2015 को दी गई है ।

Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy


on

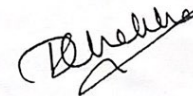
Borse Rushikesh Prakash

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

“Capacity Analysis in Reversible Watermarking Schemes.”

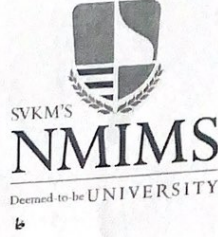
Given this day, under the seal of the Institute at Mumbai in the
Republic of India, the 8th day of August 2015.


कुलसचिव



अध्यक्ष, अभिषद एवं अध्यक्ष, शासी मंडल

PNS



We, the Chancellor, Vice Chancellor and Members of the Board of Management
of SVKM's Narsee Monjee Institute of Management Studies,
certify that

Pratap Shinde

(Son/Daughter of Shri. Nivrutti and Smt. Suman)

having presented a thesis for the degree of

**Doctor of Philosophy
(Engineering)**

which has been accepted by the examiners.

The said degree has been conferred on him / her at the convocation
held in the month of August in the year 2014.

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

A handwritten signature in black ink, appearing to read "N. J. Bhave".

Vice Chancellor

Date : August 9, 2014



Student No: 71120100004 Certificate Number: 00031511-01-QY2R



00010759

महेश काकडे

बी.ई. (सिविल), एम.ई. (स्ट्रक्च.),
एफ.आय.ई. (इंडिया), एम.आय.एस.टी.ई.

संचालक, परीक्षा व मूल्यमापन मंडळ

Mahesh Kakade

B. E. (Civil), M. E. (Struc.)
FIE (INDIA), MISTE

Director,

Board of Examinations & Evaluation



Estl : 1962
NAAC 'A' Grade
MHRD-NIRF-28th Rank

शिवाजी विद्यापीठ,

कोल्हापूर-४१६ ००४, महाराष्ट्र

SHIVAJI UNIVERSITY,

KOLHAPUR-416 004, MAHARASHTRA

दूरध्वनी (थेट) : २६९३१७६,
२६०९०६७, २६०९०६८

Phone : (Dir.) 2693176,
2609067, 2609068

Website : www.unishivaji.ac.in

E-mail : coe@unishivaji.ac.in

Ref. No. :

Date :

Declaration of Result

It is hereby declared that the thesis entitled,

DIGITAL FILTER IMPLEMENTATION USING VEDIC MATHEMATICS

submitted by, Shri. Kaustubh Manikrao Gaikwad, in Electronics Engineering under the Faculty of Engineering and Technology is accepted by the University authorities for the award of the Degree of Doctor of Philosophy in Electronics Engineering under the Faculty of Engineering and Technology on 27/10/2017.

No. SU/PG/EXAM/Ph.D./६७९२

Date: 9 NOV 2017

Director

Board of Examinations & Evaluation

To,

1. Shri. Kaustubh Manikrao Gaikwad,
C-304, Swagat Enclave, Jambhulwadi Road,
Datta Nagar, Ambegaon (BK), Katraj,
Pune 411 046.
2. Dr. M. S. Chavan, (Guide)
KIT's College of Engineering, Kolhapur.
3. The Librarian, Barr. Balasaheb Khardekar Library, Shivaji University,
Kolhapur.
4. The Head, Department of Technology, Shivaji University,
Kolhapur.
5. Statement of Marks / Certificate Unit.
6. Convocation Unit.
7. Statistics Section
8. UGC Notification File.

Rashtrasant Tukadoji Maharaj Nagpur University

"(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)"




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

*This is to certify that
Ms. Rashmi Kishor Patil having been found to be duly
qualified on examination of the thesis on "Design of
Low Power High Speed VLSI Architecture for
Discrete Wavelet Transform" 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.*

Nagpur

Date: 10.11.2016


01. 02. 00

University of Pune



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

Khanduja Daljeet Kaur

(खंडूजा दलजीत कौर)

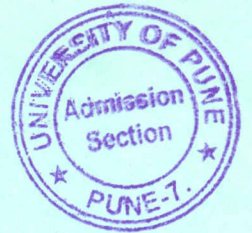
Mother's Name : Gurubachan Kaur

(गुरुबचन कौर)

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 :

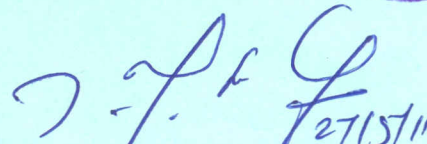
1. Faculty : Science
2. Subject : Mathematics
3. Title of the Thesis : "Some problems related to the Analysis and Design of Filters."
4. Place of Research : Department of Mathematics,
University of Pune,
Pune-411 007.
5. Name and Address of the Guide : Dr. M.Y. Gokhale,
Maharashtra Institute of Technology,
Pune-411 038.
6. Date of Registration : 18th August, 2006
7. Date of Declaration of Result : 26th May, 2011



Ganeshkhind, Pune 411007.

Ref. No. PGS/Ph.D./354

Date: 28.5.2011


For Controller of Examinations

University of Pune



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

Dharmadhikari Nandkumar Popatrao (धर्माधिकारी नंदकुमार पोपटराव)

Mother's Name: Mandakini (मंदाकिनी)

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.

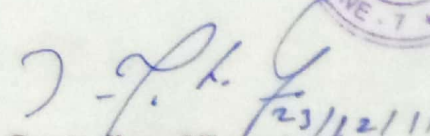
RELEVANT DETAILS ARE AS UNDER :

1. Faculty : Science
2. Subject : Environmental Sciences
3. Title of the Thesis : "Detection of Geopathic Stress Zone and Its Effect on Human System"
4. Place of Research : New Arts, Commerce & Science College, Ahmednagar – 414001.
5. Name and Address of the Guide : Dr. S. D. Kulkarni
Department of Environmental Science,
New Arts, Commerce & Science
College, Ahmednagar – 414001.
6. Name and Address of the Co-Guide : Dr. D. C. Meshram
Department of Geology,
University of Pune, Pune – 411 007.
8. Date of Registration : 25th July, 2008
9. Date of Declaration of Result : 23rd December, 2011.

Ganeshkhind, Pune - 411007.

Ref. No. PGS/Ph.D. / 790

Date: 29/12/2011


For Controller of Examinations



Dr. Babasaheb Ambedkar Marathwada University,
Aurangabad-431 004, Maharashtra State, India.

NAAC Re-accredited "A" Grade



Estd. : 1958
Ph.D. Section

Ph.D. Office : (0240) 2403122 Website : www.bamu.ac.in http://bamua.digitaluniversity.ac E-mail : phdsection@bamu.ac.in

NOTIFICATION

DOCTOR OF PHILOSOPHY

It is hereby notified that, the thesis entitled, "USE OF LASER LIGHT BEAM AND PROTON MAGNETOMETER TO STUDY NATURE AND DETECTION OF GEOELECTROMAGNETIC FIELD" By Mr. Dharmadhikari Nandkumar Popatrao has been accepted by this University for the award of Ph.D. Degree in subject of Physics under the faculty of Science & Technology is as per UGC Minimum standard and procedure for award of Ph.D. degree regulation 2016. In supersession of the U.G.C. (Minimum Standard and Procedure for Award of Ph.D. degree) Regulation - 2009. Mr. Dharmadhikari Nandkumar Popatrao has been declared eligible for the award of the said Degree. The candidate submitted his/her thesis under the guidance of Dr. C. S. Mahajan, Research Guide, Associate Professor in Physics, J.E.S.R.G. Bagdia Arts, S.B. Lakhotia Commerce & R. Benzonji Science College, Jalna - 431203

The said Notification is implementing from the date of declaration (i.e. 16th, October, 2020) of Doctor of Philosophy (Ph.D.) Viva-voce Examination.

University Campus

//

Ref.No./Ph.D. /Dec.14/Physics/

//

Outward Date: - 2370-80

//

31-10-2020

Director

Board of Examinations & Evaluation

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,
AURANGABAD-431 004, MAHARASHTRA STATE, INDIA.

NAAC RE-ACCREDITED "A" GRADE



ESTT : 1958

PH.D. UNIT

PH.D. UNIT : (0240) 2403122	WEB SITE : WWW.BAMU.AC.IN	HTTP://BAMUA.DIGITALUNIVERSITY.AC.	E-MAIL : PHDSECTION@BAMU.AC.IN
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D.O.No.R/Ph.D./2020-21/Physics/2369 .

Date: 31/10/2020

I am happy to forward a copy of the Notification of the result of your Ph.D. Thesis.

I take this opportunity to congratulate you on behalf of the Hon'ble Vice-Chancellor, Members of the Management Council and Teachers, Students and Staff of the University for your Achievement of the highest academic degree of Ph.D. in the subject of Physics under the faculty of SCIENCE & TECHNOLOGY.

I am sure you will continue to take more and more interest in the research in your subject.

I wish you successful and happy career in your future life.

With best wishes,


Director

Board of Examinations & Evaluation

Dr. Dharmadhikari Nandkumar Popatrao,
C/o, Dr. C. S. Mahajan,
Research Guide,
Associate Professor in Physics,
J.E.S.R.G. Bagdia Arts, S.B. Lakhotia Commerce,
& R. Benzonji Science College,
Jalna - 431203.



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

..... *Shridhar Pandurang Tapale* :
 who has been found duly qualified for the Degree of
 Doctor of Philosophy (..... *Chemistry*)

The Degree of

Doctor of Philosophy

(..... *Chemistry*)

(Under the Faculty of *Science*)

has been conferred on *him* at Aurangabad, on the
 *thirtieth* day of the month of *May* in the year
 *two thousand seventeen*

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

Date of Notification *February 27, 2017*

Place: Aurangabad

Date of issue of the

Degree Certificate *2017*

B. Acharya

Vice-Chancellor



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

Hijare Pravin Popat , Mother's Name: Lata

having been examined and found duly qualified for the degree of

Doctor of Philosophy

(Mechanical Engineering)

The said degree has been conferred on him. 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,

हुजरे प्रविण पोपट, आईचे नाव: लता

विद्यावाचस्पती

(मेकॅनिकल इंजिनिअरिंग)

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

S-EN-00495



Savitribai Phule Pune University
(formerly University of Pune)

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

Shinde Tarang Ramrao (शिंदे तरंग रामराव)

Mother's Name : Kamal (कमल)

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 : Metallurgy & Materials Science
- 3 Title of the Thesis : "Effect of thermal cyclic treatment on the activated processes governing properties of hot work die steels "
- 4 Place of Research : Department of Metallurgy & Materials Science
College of Engineering Pune
Shivajinagar, Pune – 411 005.
- 5 Name and Address of the Guide : Dr. N.B. Dhokey
Department of Metallurgy & Materials Science
College of Engineering Pune,
Shivajinagar, Pune – 411 005.
- 6 Date of Registration : 25th April ,2013
- 7 Date of Declaration of Result : 13th April , 2018



Ganeshkhind, Pune 411007
Ref. No. PGS/Ph .D. / 227
Date: 7 APR 2018

for Director

Board of Examinations & Evaluation

University of Pune



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

Kore Sandeep Sadashiv (कोरे संदीप सदाशिव)

Mother's Name :- Sumangala (सुमंगला)

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 : Experimental and Numerical Analysis of Heat Transfer Augmentation from a Single Dimple
- 4 Place of Research : Vishwakarma Institute of Technology,
666 Upper Indiranagar, Bibwewadi,
Pune - 411 037.
- 5 Name and Address of the Guide : Dr.N.K.Sane
Vishwakarma Institute of Technology,
666 Upper Indiranagar, Bibwewadi,
Pune - 411 037.
- 6 Name and Address of the Co-guide : Dr.S.V.Joshi
Vishwakarma Institute of Technology,
666 Upper Indiranagar, Bibwewadi,
Pune - 411 037.
- 7 Date of Registration : 16th February 2008
- 8 Date of Declaration of Result : 8th December 2012



Ganeshkhind, Pune 411007.

Ref. No. PGS/Ph. D. / 754

Date: 14/12/2012

For Controller of Examinations