

20010009



# Jadaupur University

*Certified that*

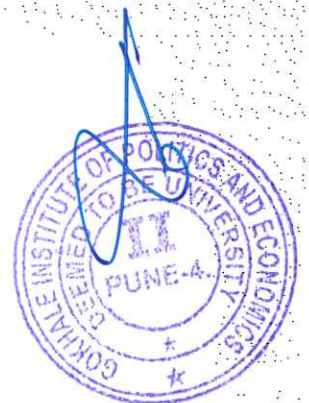
**Sm. Rakali Mukhopadhyay**

*was admitted to the Degree of Doctor of Philosophy in Arts of this University on 18/04/2001 and that the degree was conferred on him / her at the Convocation held in December 2001 with all the Rights and Privileges thereto appertaining.*

*In Witness whereof the Signatures of the Chancellor and the Vice-Chancellor of Jadaupur University are herewith affixed.*

*[Signature]*  
Vice-Chancellor  
The 24th December, 2001

*[Signature]*  
Chancellor



# Nagpur University



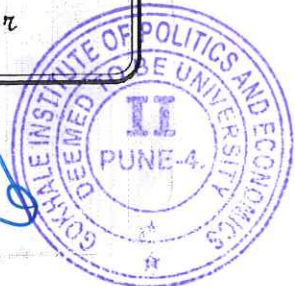
## Doctor of Philosophy ( समाजविज्ञान आचार्य ) (Faculty of Social Sciences)

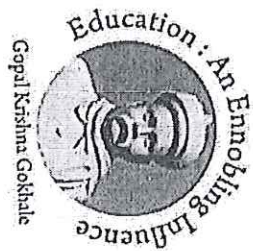
*This is to certify that  
Shri Kailas Chintaman Thaware having been  
found to be duly qualified on examination of the  
thesis on "An Economic Study of Maharashtra  
State Co-operative Tribal Development Corporation  
(MSCITDC) Nagpur Division (1992 - 2000)"  
was admitted to the degree of Doctor of Philosophy  
( समाजविज्ञान आचार्य ) in the Faculty of Social  
Sciences in this University in the year 2004.*

Nagpur

Dated : 29-9-2004

*K. V. Thaware*  
H. S. Patil  
Vice-Chancellor





# Gokhale Institute of Politics and Economics

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

hereby confers at its Twenty Third Convocation the degree of  
**Doctor of Philosophy**  
in Economics upon

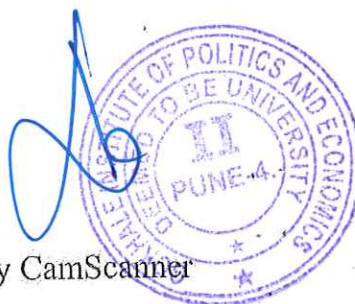
Mr. Bodhe Naresn Ramakrishna

who was declared qualified on March 9, 2017  
to receive the said degree

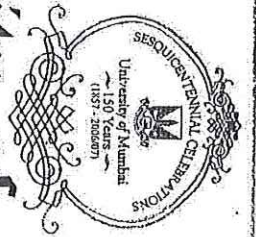
  
Director

Pune 411 004

Registration No.: 2012/02



DEPARTMENT OF SOCIOLOGY  
MUMBAI UNIVERSITY CAMPUS  
KALINA MUMBAI - 400 098.



# University of Mumbai

## शिवाई विद्यापीठ

DEPARTMENT OF SOCIOLOGY  
UNIVERSITY OF MUMBAI  
31<sup>ST</sup> FLOOR, KALINA CAMPUS,  
SANTACRUZ (EAST),  
MUMBAI - 400 098

Members of the Management Council  
confer the Degree of

### Doctor of Philosophy

(Arts)

on  
**Prashant Popat Bansode**  
the University Department of Sociology  
for a Thesis in Sociology  
presented in July 2007  
which has been accepted by the Examiners  
at the Convocation  
held on 12th February, 2008

व्यवस्थापन परिषदेचे सदस्य

### विद्यावाचस्पती

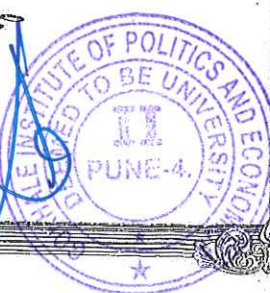
(मानव्यविद्या)

ही पदवी  
जुलै २००७ मध्ये  
समाजशास्त्र या विषयात  
प्रशांत पोपट बन्सोडे  
विद्यार्थीत्वाने समाजशास्त्र विभाग  
यांना  
१२ फेब्रुवारी, २००८ च्या  
दीक्षान्त समारंभाने प्रदान करीत आहोत

PHD-K-2007-00078-30078

Vice-Chancellor / कुलगुरू

7240554



# University of Pune



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

Kulkarni Lalitagauri Ranjit ( कुलकर्णी ललितागौरी रणजीत )

Mother Name - Vasundhara ( वसुंधरा )

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 : Mental, Moral & Social Sciences.
2. Subject : Economics
3. Title of the Thesis : "Development of Secondary Market in Life Insurance Products : International Survey and Potential in India".
4. Place of Research : Dept. of Economics, University of Pune, Pune - 411 007.
5. Name and Address of the Guide : Prof. Rajas Parchure  
Director,  
Gokhale Institute of Politics & Economics,  
BMCC Road, Pune.
6. Date of Registration : 23<sup>rd</sup> September, 2005
7. Date of Declaration of Result : 31<sup>st</sup> October, 2009

Ganeshkhind, Pune 411007.

Ref. No. PGS/Ph .D. /7014

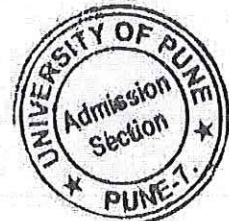
Date : 6/11/2009

For Controller of Examinations

Dr. Dhanmanjiri Sathe

Prof. & Head

UNIVERSITY OF PUNE  
PUNE - 411 007.





4833

Enrolment No....CDST/1998/02.

जवाहरलाल नेहरू विश्वविद्यालय  
नई दिल्ली

**JAWAHARLAL NEHRU UNIVERSITY**

NEW DELHI - 110067.

(Centre for Development Studies, Thiruvananthapuram)

**PROVISIONAL CERTIFICATE**

**DOCTOR OF PHILOSOPHY**

**THIS IS TO CERTIFY THAT Hari KS**

having successfully completed the requirements in terms of the ordinance relating to Ph.D. degree has been declared eligible for the award of the Degree of **DOCTOR OF PHILOSOPHY** of the University in the year 2013.

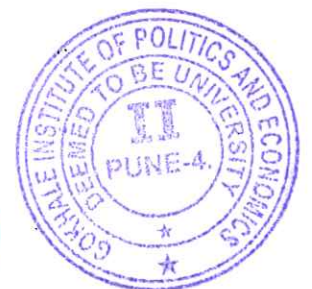
The title of the Ph.D. Thesis : *“Economic Growth and Human Development: A Comparison of the Development Experience of Two Indian States-Kerala and Maharashtra”*  
New Delhi;

Dated : 27.05.2013

Valid till the original degree is issued.

Asst./Deputy Registrar (Evl.)

अनुभाग अधिकारी (मूल्यांकन)  
Section Officer (Evaluation)  
जवाहरलाल नेहरू विश्वविद्यालय  
Jawaharlal Nehru University  
नई दिल्ली 110067/New Delhi-110067



Serial No. : C21/10/00907

Register No. : PH 07

# Pondicherry University



The Vice-Chancellor and the Executive Council of the Pondicherry University, on the recommendations of the duly appointed Board of Examiners, hereby declare that **KALLURU SIVA REDDY**

has been admitted to the Degree of

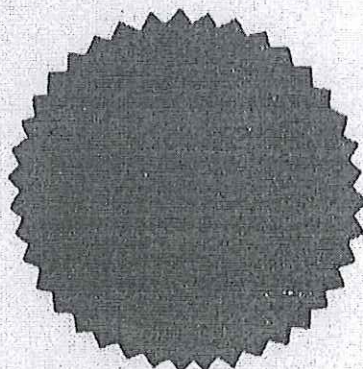
## DOCTOR OF PHILOSOPHY

having submitted a thesis entitled  
AN EMPIRICAL ANALYSIS OF PROFIT EFFICIENCY AND ITS DETERMINANTS IN INDIAN COMMERCIAL BANKS DURING POST REFORM PERIOD.

and having successfully completed the prescribed requirements in the year JULY 2010.

Discipline : ECONOMICS

Given under the Seal of the University.



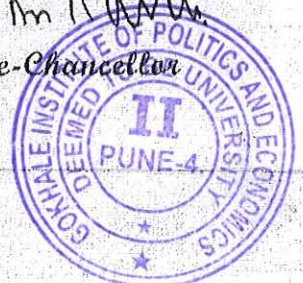
S. Loganathan  
Registrar

*K. Suresh Reddy*

Puducherry

Date 23 APR 2011

*M. M. Mani*  
Vice-Chancellor



*Dr. Hanjappa Deshmukh Krishi Vidyapeeth*



*This is to certify that  
 Ku. Prema Jagannath Borkar  
 has been admitted to the degree of*

**Doctor of Philosophy**

*of this University in the year 2009 in the subject of  
 Agricultural Economics*

*with Cumulative Grade Point Average 8.69 in the scale  
 of 10.00 and was placed in First Division with  
 Distinction.*

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

Krishinagar, Akola  
 Dated : 5<sup>th</sup> February, 2010







**Punyashlok Ahilyadevi Holkar  
Solapur University, Solapur**



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



*Amruta*

**Doctor of Philosophy  
Economics**

*has been conferred on the 27th day of the month of*

*December in the year Two Thousand Nineteen*

*at Solapur on*

***Suryawanshi Amruta Anil***

*(Aadhaar No. 974407614903)*

***Mother's Name - Sucharita***

*Who has been found duly qualified for the same*

*In testimony whereof are set the seal of the University  
and the Signature of the Vice - Chancellor.*



15052019



1511439

UNIVERSITY OF CALCUTTA



This is to certify that

*Prabhash Narayan Rath*

obtained the degree of **Doctor of Philosophy**  
in *Library and Information Science*  
in this University in the year 2004 .

A. K. Banerjee

Vice-Chancellor

Senate House,  
The 28th April, 2005.





**University  
of  
Pune**  
(Formerly  
University of Poona)

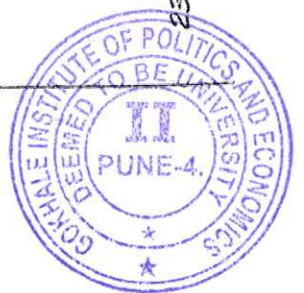
*We, the Chancellor,  
the Vice Chancellor and  
the Members of the Management Council  
and the Academic Council of the  
University of Pune certify  
that Ghanesh Jayanti  
Ramesh Rajale*

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

**Doctor of Philosophy**  
( Economics )

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

*(Handwritten signature)*



*A. Nivarsali  
Vice Chancellor*

23rd December 1999

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

घोषकर जयंती  
रमेश (काजिके)

**विद्यावाचस्पति**  
( अर्थशास्त्र )

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

**पुणे  
विद्यापीठ**

अनंता मंगेशकर  
कुलगुरु

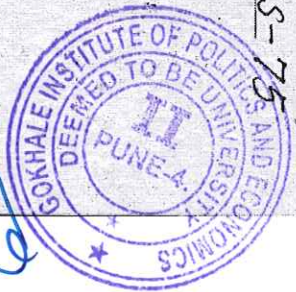
क्रम संख्या  
Serial No.

66

पंजीकरण क्रम संख्या  
Registration No.

87-P-ES-75

राष्ट्रीय डेरी अनुसंधान संस्थान  
NATIONAL DAIRY RESEARCH INSTITUTE



इस संस्थान की विद्या परिषद् की संस्तुति पर

दीपक शाह

पुत्रपुत्री श्री

विमल कान्ती शर्मा

जिन्होंने

डाक्टर ऑफ फिलोसफी

हेतु निर्धारित पाठ्यक्रम डेरी अर्थ शास्त्र

में पूरा किया, को

श्राव्य दिनांक 22 अप्रैल, 1992 को उक्त उपाधि प्रदान की जाती है।

On the recommendation of the Academic Council of this Institute

Ms. Deepak Shah

Son/Daughter of Shri Bimal Shanki Shrivastava having completed all the requirements for the degree of

DOCTOR OF PHILOSOPHY

in the discipline of

Dring Economics

is hereby admitted to

the said degree on this twenty second day of April in the year nineteen hundred and ninety two.

संयुक्त निदेशक  
Joint Director

करनाल, तिथि  
Karnal, Dated

30.3.1994

निदेशक  
Director

We the CHANCELLOR,  
the VICE-CHANCELLOR  
and the MEMBERS  
of the EXECUTIVE COUNCIL,  
on the recommendation of the SENATE  
of the UNIVERSITY of POONA certify  
that the Degree of

## Doctor of Philosophy

(*Economics*)

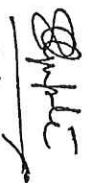
has been conferred at PUNE,  
at the convocation ceremony  
held on *28<sup>th</sup> March 1991*  
on *Shri S. S. Sengupta BSc.*

Who has been found  
duly qualified for the same

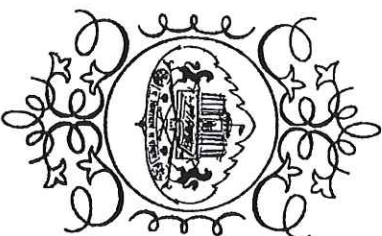
### IN TESTIMONY

whereof are set the Seal of the  
University and the Signature of the  
Vice-Chancellor.

VICE-CHANCELLOR



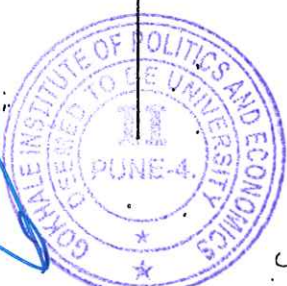

## गोमटि विद्यापीठ ऑफ इकॉनॉमिक्स



श्रीक संजिना के

### विद्यावाचस्पती

या पदवीस पात्र ठरल्यामुळे  
त्यांना पुणे विद्यापीठाचे  
कुलपती, कुलगुरू, कार्यकारिणीचे सदस्य,  
आणि विधिसभेचे सदस्य यांच्या अनुमतीने

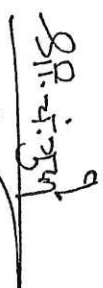


## विद्यावाचस्पती

(*अर्थशास्त्र*)

ही पदवी, पुणे येथे दि. २८ मार्च १९९१  
या दिवशी झालेल्या पदवीदानसमारंभप्रसंगी,  
प्रदत्त करण्यात येत आहे.  
याची साक्ष म्हणून  
पुणे विद्यापीठाच्या कुलगुरूंची स्वाक्षरी आणि  
विद्यापीठाची अधिकृत मुद्रा  
येथे अंकित करण्यात येत आहेत.

कुलगुरू



Sr. No. 600210

# International Institute for Population Sciences

(Declared as Deemed-to-be-University under Section 3 of the UGC Act, 1956)

Jointly Sponsored by  
The United Nations and The Government of India



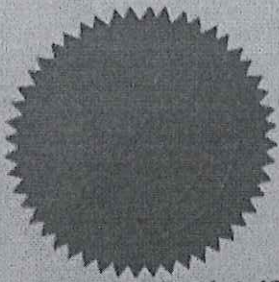
## Ms. Vini Sivanandan

having successfully completed all the requirements  
of the doctoral programme  
to the satisfaction

of the Academic Council, is hereby  
admitted to the degree of

### Doctor of Philosophy in Population Studies

Dated at Mumbai Ninth Day of June Two Thousand Twelve

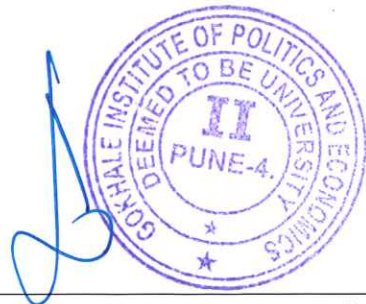


*[Signature]*  
Director & Sr. Professor

*[Signature]*  
Chairperson  
Executive Council

Deonar, Mumbai-400 088

Date: 9th June 2012



Enrollment No : Ph.D./Adm./582/14

Sr. No. : 600346

# International Institute for Population Sciences

(Deemed to be University)

An Autonomous Institute of Ministry of Health and Family Welfare, Government of India



**IIPS**

(स्थापना / Established in 1956)

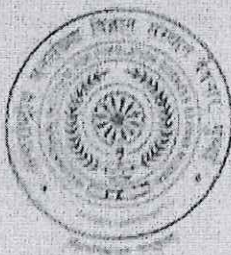
बेहतर भविष्य के लिए क्षमता निर्माण  
Capacity Building for a Better Future

**Mr. Bal Govind Chauhan**

having completed all the requirements  
of the doctoral programme  
to the satisfaction  
to the Academic Council, is hereby  
admitted to the degree of

**Doctor of Philosophy**  
in  
**Population Studies**

Dated at Mumbai Fifth Day of June Two Thousand Twenty



Deonar, Mumbai - 400 088  
Date : 5<sup>th</sup> June 2020

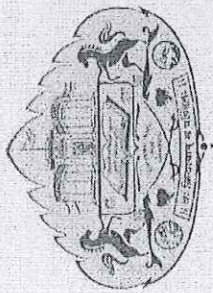
*(Signature)*

Director &  
Sr. Professor

*(Signature)*



IN3161000781



**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*

*Rajus Kamalakar Parbhure, Mother's Name:*

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

**Doctor of Philosophy**  
(Economics)

*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,

राजस कमलाकर परचुरे, आईचे नाव:

**विद्या वाचस्पती**

( अर्थशास्त्र )

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

*[Handwritten Signature]*



*[Handwritten Signature]*

Vice Chancellor

08th January 2020

S-MM-00229

*[Handwritten Signature]*



9

# Maharshi Dayanand Saraswati University Ajmer

S.No. **259**

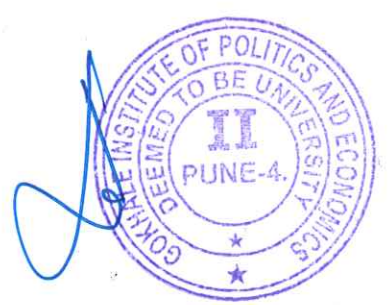


## Provisional Certificate

Certified that thesis on the subject गौर सरकारी  
संगठन एवं विदेशी सहायता (राजस्थान  
के विशेष संदर्भ में)  
 Submitted by Anurag Asawa  
 for the degree of Doctor of Philosophy (Economics)  
 on 27-05-08 has been approved by the  
 Vice-Chancellor/BOM at the meeting held on 06-06-09

Ajmer  
Dated 10-06-09

*[Signature]*  
Deputy Registrar (Res)



# University of Pune



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

Ghadge Chanchala Ajay (घाडगे चंचला अजय)

Mothers Name : Nirmala (निर्मला)

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 : Statistics
3. Title of the Thesis : "Contributions to the Inference on Stochastic Frontier Models."
4. Place of Research : Department of Statistics,  
University of Pune,  
Pune - 411007.
5. Name and Address of the Guide : Dr. T. V. Ramanathan,  
Department of Statistics,  
University of Pune,  
Pune - 411007.
6. Date of Registration : 23<sup>rd</sup> July, 2007.
7. Date of Declaration of Result : 19<sup>th</sup> January, 2013.

Ganeshkhind, Pune - 411007.

Ref. No. PGS/Ph.D./51

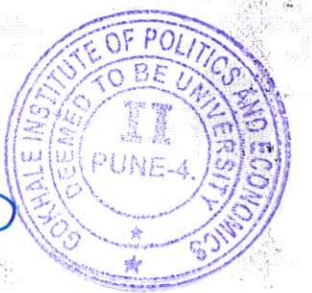
Date: 28 JAN 2013



*28/1/2013*  
For Controller of Examinations



University of Mumbai  
अर्थशास्त्र विभाग



OR

आर्.सी.

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

कुलपती, कुलपुत्र  
अधि

confer the Degree of  
Doctor of Philosophy

द्वारा प्रदान परिषदेचे सदस्य

(Arts)  
on

विद्यावाचस्पती  
(भा.वा.वि.)

Kulkarni Sevita Sheshikant

ही परवी

of University Department of Economics

कुलकर्णी सविता शशिकान्त

for a Thesis in Economics

विद्यापीठाचा अर्थशास्त्र विभाग

presented in September 2014

अर्थशास्त्र या विभागात

which has been accepted by the Examiners

सप्टेंबर २०१४ मध्ये

at the Convocation

held on 24th January, 2015.

सादर केलेला प्रबंध परीक्षकांनी स्वीकृत केला आहे  
२४ जानेवारी, २०१५ रोजी

दीक्षान्त सनारमान प्रदान करील आहे.



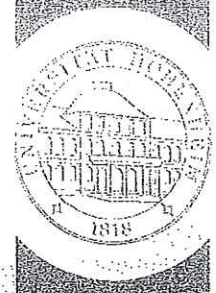
Vice-Chancellor's Office

801

Ph.D. Cor

14000366

PhD is with coursework  
Please see the attached  
Letter



# CERTIFICATE

The Faculty of Agricultural Sciences of the Universität Hohenheim has conferred upon

**Mr.**  
**Dilip Babasaheb Kajale**  
born March 10<sup>th</sup>, 1981 in Hingoni Ahmednagar / India

the academic degree  
**Doktor der Agrarwissenschaften**  
**(Dr. sc. agr.)**

He has fulfilled the Ph.D. requirements by submitting the doctoral thesis  
„Consumer Acceptance, Effects of Information on Willingness to Pay,  
and Attitude towards Mandatory Labeling Policy for Genetically  
Modified Food“  
and defending his work in an oral examination on October 20<sup>th</sup>, 2011.  
He has received the overall grade of

**magna cum laude**

Hohenheim, February 16<sup>th</sup>, 2012

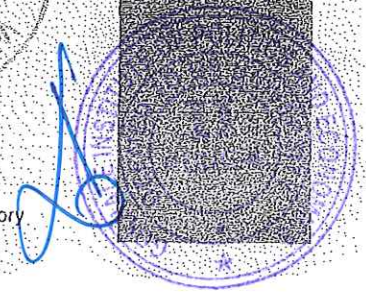
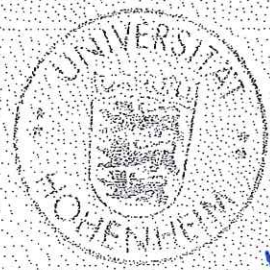
Rector

Professor Dr. Dr. h.c. H.-P. Liebig

Vice-Dean

Professor Dr. A. Fangmeier

**Sokhale Institute of Politics & Economics**  
(Deemed to be a University)  
Pune- 411 004.



UNIVERSITÄT HOHENHEIM

# International Institute for Population Sciences

(Deemed University)

Jointly Sponsored by

The United Nations and The Government of India



Ms. Anjali Madhukar Radkar

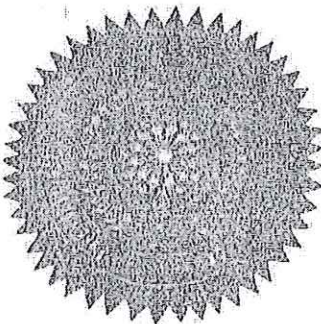
having successfully completed all the requirements  
of the doctoral programme  
to the satisfaction  
of the Academic Council is hereby admitted  
to the degree of


Doctor of Philosophy

in


Population Studies

Dated at Mumbai this *Sixth* Day of May, Two Thousand



  
Director & Sr. Professor

  
Chairman  
Executive Council

  
Dr. Dhananjiri Sathe  
Prof. & Head  
Department of Economics  
UNIVERSITY OF PUNE  
PUNE - 411 007.





# Gokhale Institute of Politics and Economics

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

hereby confers at its Twenty Third Convocation the degree of  
**Doctor of Philosophy**  
in Economics upon

Ms. Atreyee Sinha Chakraborty

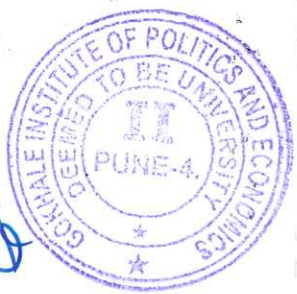
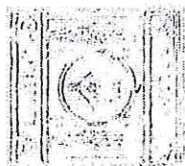
who was declared qualified on May 17, 2016  
to receive the said degree

Pune 411 004

Registration No.: 2009/03

Pr. Pawar  
Director

UNIVERSITY OF MUMBAI



This is to Certify that

*Shri Suddhasis Suddhasis*

obtained the Degree of Doctor of Philosophy (Arts & Commerce) in Economics in this University

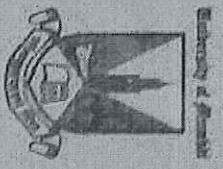
in the year 2010. Under old regulation

*R. Nagaraj*

*A.K. Bawale*  
Vice-Chancellor

Gokhale Institute of Politics & Economics  
S.No.846, Shivajinagar,  
Pune - 411 004.

3 SEP 2010



# University of Mumbai

## भाषाई विद्यापीठ

*Ms.*

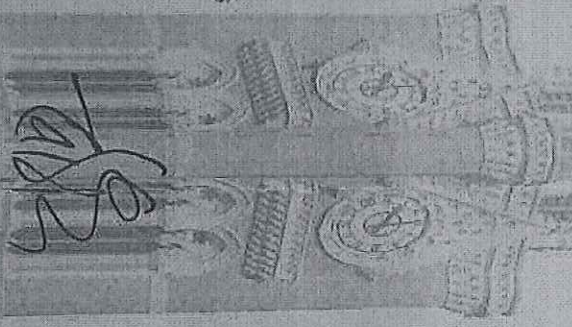
the Chancellor, the Vice-Chancellor  
and  
Members of the Management Council

over the Degree of  
**DOCTOR OF PHILOSOPHY**  
(Arts)

or

**THAKUR POOJA DINESH SMITA**  
of University Department of Economics  
Presented a Thesis in Economics

in December 2015  
which has been accepted by the Examiners  
at the Convocation  
held on 22nd February, 2018.



*Dr. Devanand Shinde*

Dr. Devanand Shinde | डॉ. देवानंद शिंदे  
Vice-Chancellor | कुलगुरु

*Attest,*

कुलगुरी, कुलगुरु  
आणि

उपस्थान परिशिष्टे मद्रम्य  
विद्यावाचस्पती  
(मान्यविद्या)

ही पदवी  
ठाकर पूजा दिनेश सिता  
विद्यापीठाचा अर्थशास्त्र विभाग

याना  
अर्थशास्त्र या विषयात  
डिसेंबर २०१५ मध्ये

मादर कॅलेजा प्रबंध परीक्षकांनी स्वीकृत केल्यावरून  
२२ फेब्रुवारी, २०१८ च्या  
दीक्षान्त समारंभान प्रदान करीत आहोत.



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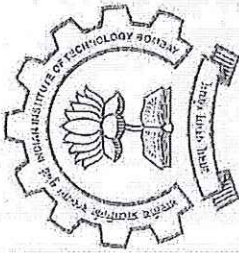
# भारतीय प्रौद्योगिकी संस्थान मुंबई

केतकी जितेंद्रा बर्वे

को एतद्द्वारा

विद्या वाचस्पति

की उपाधि प्रदान करता है ।



अभिषद की अनुशासना पर संस्थान की मुद्रांकित यह उपाधि  
अवासि हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर  
तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरांत  
मुंबई, भारतीय गणराज्य में आज 20 अगस्त, 2022 को दी गई है ।

## Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy**

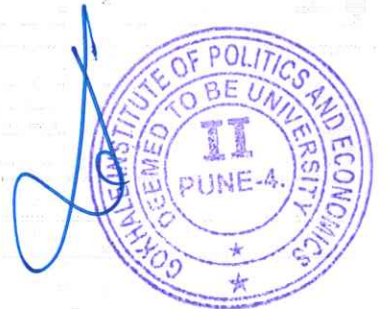
on

**Ketaki Jitendra Barve**

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

“Cashew Apple Preservation and Processing – A Scope for Value Addition.”

Given this day, under the seal of the Institute at Mumbai in the  
Republic of India, the 20th day of August, 2022.



अध्यक्ष, अभिषद  
Chairperson, Senate

कुलसचिव  
Registrar

अध्यक्ष, शासी मंडल  
Chairperson, Board of Governors

**Tilak Maharashtra Vidyapeeth**  
Pune



**टिळक महाराष्ट्र विद्यापीठ**  
पुणे

(Declared as "Deemed University" under section 3 of UGC Act 1956 vide Notification No.F-9-19/85-U-3 dated 24 April 1987 by the Government of India)

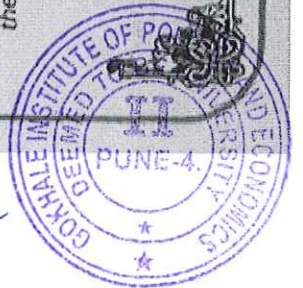
We, the Chancellor, the Vice Chancellor, the Members of the Board of Management & the Academic Council of the Tilak Maharashtra Vidyapeeth certify that


**MR. NULKAR GURUDAS VASANT**

having been examined and found duly qualified for the degree of

**Doctor of Philosophy**  
**Management**

The said degree has been conferred on him at the Convocation Ceremony held on 14 FEBRUARY, 2015 IN TESTIMONY whereof are set the seal of the Vidyapeeth and the signature of the Chancellor & Vice Chancellor.



  
Vice Chancellor


  
Chancellor

टिळक महाराष्ट्र विद्यापीठाचे कुलपती, कुलगुरू, व्यवस्थापन मंडळ आणि विद्वन्मंडळाचे सभामंड असे प्रमाणित करितात की,

**श्री. नूलकर गुरुदास वसंत**

**विद्यावाचस्पती**  
**व्यवस्थापन**

या पदवीस पात्र झाल्याबद्दल, त्यांना ही पदवी दिनांक १४ फेब्रुवारी २०१५ रोजी झालेल्या पदवीप्रदान समारंभप्रसंगी प्रदत्त करण्यात येत आहे.  
याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा तसेच कुलपती व कुलगुरू यांची स्वाक्षरी अंकित करण्यात येत आहे.

  
कुलगुरू

  
कुलपती



# Indian Institute of Technology, Bombay

Upon recommendation of the Senate hereby confers the degree of

## Doctor of Philosophy

on **Ranjit Kumar Pattnaik**

who has fulfilled the requirements for the degree as prescribed under the regulations and successfully defended in May 1997, the thesis entitled :

“ Budget Deficit in India : Measurement, Analysis and Management.”

Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 7th day of August, 1997.

*A. P. Abhate*  
Chairman, Senate

*A. K. Patil*  
Registrar

*M. S. Manna*  
Chairman, Board of Governors



*[Handwritten signature]*



We, the Chancellor,  
the Vice Chancellor and  
the Members of the Management Council  
and the Academic Council of the  
University of Pune certify  
that \_\_\_\_\_  
Shri \_\_\_\_\_  
\_\_\_\_\_

having been examined and found duly  
qualified for the degree of

**Doctor of Philosophy**

( Library & Information Science )

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

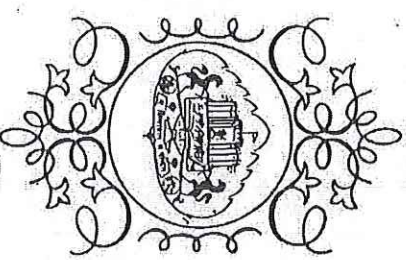
J. S. Kulkarni

21st January 2005

Vice Chancellor



**University of Pune**  
OF  
Pune  
(formerly  
University of Poona)



**पुणे  
विद्यापीठ**

**TRUE COPY**

LIBRARY  
Bhatnagar Group College  
Sangli, Pune-417 007

आम्ही, पुणे विद्यापीठाचे कुलपति, कुलगुरु  
आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य,  
प्रमाणित करितो की,  
\_\_\_\_\_ शेताळ  
\_\_\_\_\_ नानाजी गोपीनाथ

**विद्यावाचरपति**

( बोधात्म्य आणि भाषिनीशास्त्र )

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

DR. J. S. KULKARNI

अज्ञान कोसल

कुलगुरु

