



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

In the faculty of Engineering (Electronics & Computer Science) has been conferred on **Romans Dattatraya Shankarrao** on Seventeenth Day of January Two Thousand Four 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

दोरमणे दत्तात्रय शंकरराव

हे / ह्या

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

अभियांत्रिकी (अणुविद्युत व संगणक शास्त्र) विद्याशाखांतर्गत

## विद्यावाचस्पती

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



PRINCIPAL  
ALL INDIA SHRI SHRI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

*[Signature]*

Vice-Chancellor





# Institute of Chemical Technology

(University under Section 3 of UGC Act 1956)

## रसायन तंत्रज्ञान संस्था

Elite Status and Centre of Excellence, Government of Maharashtra



We

The Chancellor, Vice Chancellor  
and  
Members of the Board of Management  
confer the Degree of  
**Doctor of Philosophy**  
(Technology)  
upon

**Parmanand Namdeo Ji Sugandhatai Dange**

आम्ही

कुलपती, कुलगुरु  
आणि  
व्यवस्थापन मंडळाचे सदस्य  
**डॉक्टर ऑफ फिलॉसॉफी**  
(टेक्नॉलॉजी)  
ही पदवी

परमानंद नामदेवजी सुगंधाताई डांगे



in the subject of **Chemical Engineering**  
at the Seventh Convocation  
held on **23 February, 2018.**

यांना केमिकल इंजिनिअरिंग या विषयात  
२३ फेब्रुवारी २०१८ रोजी आयोजित  
७ व्या दीक्षांत समारंभात प्रदान करित आहोत.

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**PRINCIPAL**  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

**Vice Chancellor कुलगुरु**



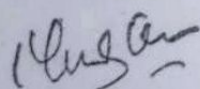
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**We**, the Chancellor, Vice Chancellor and Members  
of the Court of the Gujarat University certify  
that the Degree of

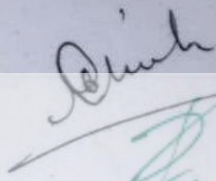
**Doctor of Philosophy**  
( Science )

has been conferred on the thirtieth day of the  
month of March in the year one thousand nine  
hundred and ninety one at Ahmedabad, on  
Joshi Manjusha Shardul who has been  
found duly qualified for the same.

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

  
Vice-Chancellor.



  
**PRINCIPAL**  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

*The Oklahoma State Regents for Higher Education  
Acting Through The*  
**Oklahoma State University**  
*have admitted*

**KANHAIYALAL RANGALDAS JETHANI**

*to the degree of*  
**DOCTOR OF PHILOSOPHY**  
**CHEMICAL ENGINEERING**

*and all the honors, privileges and obligations belonging thereto, and in witness  
thereof have authorized the issuance of this diploma duly signed and sealed.*

*Issued at the Oklahoma State University at Stillwater on the  
eleventh day of May, nineteen hundred and eighty-five.*

*For the State Regents:*

*For the University:*



*Carl H. Markie*  
Chairman  
*B. F. Collier*  
Secretary  
*J. A. Fane*  
Chancellor

*James H. McGowan*  
Chairman, Board of Regents  
*P. P. Boger*  
President of the University  
*Norman W. Durham*  
Dean of Division



**PRINCIPAL**  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001





# 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*

*Naniwadekar Makarand Yashavant, Mother's Name : Sunanda*

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

**Doctor of Philosophy**

**(Chemical 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,

नानिवडेकर मकरंद यशवंत, आईचे नाव: सुनंदा

**विद्यावाचस्पती**

(केमिकल इंजिनिअरिंग)

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



PRINCIPAL

ALL INDIA SHRI. SHRI. MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

Vice Chancellor

08th January 2020

EN19-00027





# 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*

**Ghugare Suhas Baburao**, Mother's Name: **Anjana**

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

**Doctor of Philosophy**

**(Chemical 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,

घुगरे सुहास बाबुराव, आईचे नाव: अंजना

**विद्यावाचस्पती**

( केमिकल इंजिनिअरिंग )

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



PRINCIPAL  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001  
Chancellor

11th January 2019

EN18-00016





# Institute of Chemical Technology

(University under Section 3 of UGC Act 1956)

## रसायन तंत्रज्ञान संस्था

Elite Status and Centre of Excellence, Government of Maharashtra



We.

The Chancellor, Vice Chancellor  
and  
Members of the Board of Management  
confer the Degree of  
**Doctor of Philosophy**  
(Technology)  
upon

**Ashish Vishwanath Sindhutai Mohod**

in the subject of **Chemical Engineering**  
at the Seventh Convocation  
held on **23<sup>rd</sup> February, 2018.**

PRINCIPAL

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

**Vice Chancellor कुलगुरु**

आम्ही.

कुलपती, कुलगुरु  
आणि  
व्यवस्थापन मंडळाचे सदस्य

**डॉक्टर ऑफ फिलॉसॉफी**  
(टेक्नॉलॉजी)  
ही पदवी

**आशिष विश्वनाथ सिंधुताई मोहोड**

यांना केमिकल इंजिनिअरिंग या विषयात  
२३ फेब्रुवारी २०१८ रोजी आयोजित  
७ व्या दीक्षांत समारंभात प्रदान करित आहोत.



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

*Parekar Suresh Ramraje*

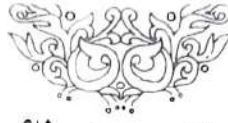
*Mother's Name : Janki*

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

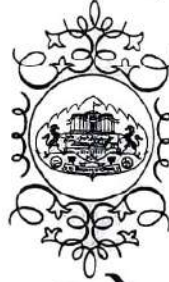
**Doctor of Philosophy**  
( Civil )

*The said degree has been conferred on him.*

*In testimony whereof is set  
the seal of the said University.*



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



**पुणे  
विद्यापीठ**

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

पारेकर सुरेश रामराजे

आईचे नाव : जानकी

**विद्यावाचस्पति**  
( सिविल )

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

14th January, 2012

EN11-00098

Vice Chancellor

रहेग्य चव्हाण  
कुलगुरु



**PRINCIPAL**  
ALL INDIA SHRI SHRI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001



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

*This is to certify that*  
*Sbri Uttam Ramchandra Awari* having been found to be  
duly qualified on examination of the thesis entitled  
"Evaluation of Strength of FRP wrapped concrete" was  
admitted to the degree of Doctor of Philosophy  
(विज्ञान व तंत्रज्ञान आचार्य) in the Faculty of Science and  
Technology in the Subject of Civil Engineering in this  
University in the year 2017.

Nagpur

Dated : 3-12-2017

*Sprans*  
Vice-Chancellor

104<sup>th</sup> Convocation 2017

Science & Technology / 104-122017/154

PRINCIPAL

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001







# University of Mumbai

## मुंबई विद्यापीठ



the Chancellor, the Vice-Chancellor  
and  
Members of the Management Council  
confer the Degree of  
**DOCTOR OF PHILOSOPHY**  
(Technology)

**PATIL VIDYA NITIN**

of Datta Meghe College of Engineering  
Presented a Thesis in Civil Engineering  
in NOVEMBER 2016  
which has been accepted by the Examiners  
at the Convocation  
held on 16th January, 2017

*आम्ही,*

कुलपती, कुलपती

आणि

सदस्यमानस परिषदेचे सदस्य

विद्या साधरपती

(तंत्रविद्या)

हो पाठवी

**पाटील विद्या नितिन**

दत्ता मंगे कॉलेज ऑफ इंजिनिअरिंग

पाठा

स्नातक अभियंतिकी या विषयात

नोव्हेंबर २०१६ मध्ये

मादर केनेला प्रबंध परीक्षेकामी स्वीकृत केल्यावरून

१६ जानेवारी, २०१७ रोजी

दीक्षान्त समारंभात प्रदान करित जाणोन

Signature

*Sanjay Vasant Deshmukh*

Sanjay Vasant Deshmukh संजय वसंत देशमुख  
Vice-Chancellor कुलपती

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**PRINCIPAL**  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001



# 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

**Nangare Prakash Baburao**, Mother's Name: **Sulochana**

having been examined and found duly qualified for the degree of

**Doctor of Philosophy**

(Civil 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 कुलपती, कुलगुरु आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य, प्रमाणित करितो की,

**नांगरे प्रकाश बाबुराव**, आईचे नाव: **सुलोचना**

**विद्यावाचस्पती**

(स्थापत्य अभियांत्रिकी)

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



Vice Chancellor

118th Convocation (Summer)

EN20-00072



PRINCIPAL  
ALL INDIA SHRI SHRI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001





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

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

**Wadkar Dnyaneshwar Vasant**

( वाडकर ज्ञानेश्वर वसंत )

**Mother's Name : Parvati**

( पार्वती )

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 : Science & Technology
- 2 Subject : Civil Engineering
- 3 Title of the Thesis : "Artificial Neural Networks for Performance Evaluation of Water Treatment Plant and Prediction of Residual Chlorine in Water Distribution Network "
- 4 Place of Research : Department Civil Engineering,  
Dr. D.Y. Patil Institute of Technology,  
Pimpri, Pune- 411 018.
- 5 Name and Address of the Guide : Dr. Mrs. Alka Kote  
Department of Civil Engineering,  
Dr. D.Y. Patil Institute of Technology,  
Pimpri, Pune- 411 018.
- 6 Date of Registration : 15<sup>th</sup> July, 2014
- 7 Date of Declaration of Result : 12<sup>th</sup> February, 2020



Ganeshkhind, Pune 411007

Ref. No. PGS/Ph .D. / 96

Date:

18 FEB 2020

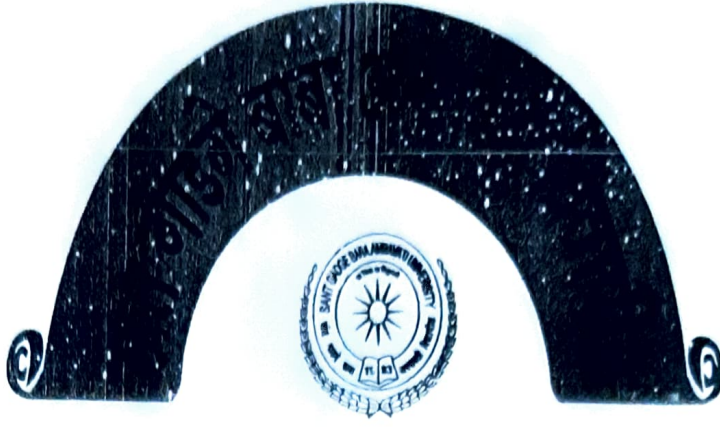
  
for Director

Board of Examinations & Evaluation



**PRINCIPAL**  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

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

This is to certify that

**Ku. Madhavi Suresh Sule**

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

*Design Of Predictive Data Mining Methodology  
For Clinical Data Using Soft Computing*

was admitted to the degree of  
Doctor of Philosophy in the subject Computer Science & Engg.  
in the faculty of Engg. & Tech. in this University in the year **2015**



**PRINCIPAL**  
ALL INDIA SHRI CHHATRAPATI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

*[Signature]*  
**Vice-Chancellor**





# 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

In the faculty of *Engineering & Technology* (Computer Sci. & Engineering) has been conferred on *Gajkumar Dwarakote Pandurang* on Eleven February Two Thousand Eighteen 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

गायकवाड द्वारकोबा पांडुरंग

हे/ह्या

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

अभियांत्रिकी व तंत्रशास्त्र ( संगणक शास्त्र व अभियांत्रिकी ) विद्याशाखांतर्गत

## विद्यावाचस्पती

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



Date: 11th April, 2018  
Place: Nanded, Maharashtra State, India.

PRINCIPAL  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

PR:2409997

Vice-Chancellor



पंजीकरण सं: 15412166  
(Reg. No.)

नामांकन सं: PEN/PED/12/00360  
(Enrollment No.)

# Shri Jagdishprasad Jhabarmal Tibrewala University, Jhunjhunu श्री जगदीशप्रसाद झाबरमल टिबड़ेवाला विश्वविद्यालय, झुंझुनूं



## डॉक्टर ऑफ फिलॉसफी

प्रमाणित किया जाता है कि **Shaikh Shabnam Shafi Ahmed** को इस विश्वविद्यालय के **Engineering** संकाय के अन्तर्गत डॉक्टर ऑफ फिलॉसफी की उपाधि से वर्ष **2017** में विभूषित किया गया।

इनके शोध प्रबन्ध का विषय निम्नलिखित था :-

**The Development And Implementation Of Fast Algorithm For Vision - Based Hand Gesture Recognition.**

## DOCTOR OF PHILOSOPHY

**This is to certify that **Shaikh Shabnam Shafi Ahmed** has been awarded the degree of Doctor of Philosophy in the faculty of Engineering of this university in the year 2017.**

**The title of his/ her thesis was:-**

**The Development And Implementation Of Fast Algorithm For Vision - Based Hand Gesture Recognition.**

  
Chancellor/Chairman

  
Vice-Chancellor/President

कुलाधिपति/चेयरमैन

कुलपति/अध्यक्ष

28<sup>th</sup> February 2017



**S.NO.** .....170146.....

**Prepared By:**

Checked By: ZKUNAN

Registrar



**PRINCIPAL**  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001



# उन्नत प्रौद्योगिकी रक्षा संस्थान

(सम-विश्वविद्यालय)

( यू. जी. सी. अधिनियम 1956 खंड 3 के अंतर्गत )

गिरिनगर, पुणे - 411 025

हम उन्नत प्रौद्योगिकी रक्षा संस्थान (सम-विश्वविद्यालय) पुणे  
के कुलाधिपति, कुलपति एवं विद्या परिषद के सदस्यगण

**गोडबोले अश्विनी अविनाश**

को

विद्या वाचस्पति

की उपाधि, विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर  
तथा अक्टूबर 2012 में अपने शोध प्रबंध के सफल पक्षपोषण के उपरांत,  
पुणे, भारतीय गणराज्य में आज **31 मई, 2013** को प्रदान करते हैं।

**Defence Institute of Advanced Technology**

(Deemed University)

( Under Section 3 of the UGC Act 1956 )

Girinagar, Pune 411025

We the Chancellor, Vice Chancellor, and Members of The  
Academic Council of

Defence Institute of Advanced Technology

(Deemed University), Pune

Confer the Degree of

Doctor of Philosophy

On

Godbole Ashwini Avinash

who has fulfilled the requirements for the degree  
as prescribed under the regulations and  
successfully defended in October 2012,  
the thesis entitled:

Extended State Observer Based Robust Flight Control  
System Design"

Given this day, under the seal of the Institute  
at Pune in the Republic of India,

the 31st day of May 2013.



PRINCIPAL  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

*[Signature]*  
Vice Chancellor



Sr. No. Q1-

0000868



# 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

In the faculty of Science & Technology (Electrical Engineering) has been conferred on Dhond Mangal Hemant on Twenty Sixth February Two Thousand Nineteen 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

धेंड मंगल हेमंत

हे/ह्या

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

विज्ञान व तंत्रज्ञान ( विद्युत अभियांत्रिकी )

विद्याशाखांतर्गत

## विद्यावाचस्पती

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



PRINCIPAL  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001





# 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*

*Apte Aishwarya Ashish, Mother's Name : Sulbha*

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

**Doctor of Philosophy**

*(Electrical)*

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

## सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ)

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

आपटे ऐश्वर्या आशिष, आईचे नाव: सुलभा

विद्यावाचस्पती

(विद्युत)

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



*[Signature]*  
ALL INDIA SHRI SHRIJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
Vice Chancellor  
KENNEDY ROAD, PUNE-411 001

118th Convocation (Summer)  
EN20-00032







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

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

**Apte Aishwarya Ashish**

( आपटे ऐश्वर्या आशिष )

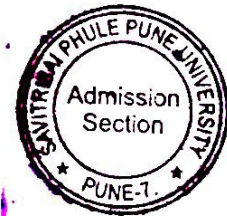
**Mother's Name : Sulbha**

( सुलभा )

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 : Science & Technology
- 2 Subject : Electrical Engineering
- 3 Title of the Thesis : "Disturbance Observer based Control of Permanent Magnet Synchronous Motor "
- 4 Place of Research : Department of Electrical Engineering, ,  
PVG's College of Engineering & Technology  
44,Vidyanagari, Parvati, Pune- 411 009.
- 5 Name and Address of the Guide : Dr. Vrunda A. Joshi  
Department of Electrical Engineering, ,  
PVG's College of Engineering & Technology  
44,Vidyanagari, Parvati, Pune- 411 009.
- 6 Date of Registration : 05<sup>th</sup> October, 2013
- 7 Date of Re-Registration : 05<sup>th</sup> October, 2018
- 8 Date of Declaration of Result : **30<sup>th</sup> December, 2019**



Ganeshkhind, Pune 411007

Ref. No. PGS/Ph .D. / 18

Date: 8 JAN 2020

for Director

Board of Examinations & Evaluation



PRINCIPAL

ALL INDIA SRI SHYAM HONORARY COLLEGE  
KENNEDY ROAD, PUNE-411 001

**MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY**  
**Allahabad - 211004 , Uttar Pradesh, India**

**Provisional Certificate**

Date of Approval: June 15, 2018

This is to certify that **Ms. Deepika Srivastava**  
(Registration No. 2010REE55) who submitted the  
thesis titled:



*"Transmission Line Modelling & Analysis Using  
Finite Element Method"*

for the award of Degree of **DOCTOR OF  
PHILOSOPHY** has, after having fulfilled all the  
prescribed academic requirements for this Degree,  
been declared eligible for award of Ph.D. of this  
Institute in **June, 2018**.

The Degree will be awarded to her at the next  
**CONVOCATION** of the Institute.

**Dean (Academic)**

Dated: June 15, 2018

N.B.: This Provisional Certificate is valid till the degree is awarded.

Phone: 0532-2271044/46

Fax: 0532-2545341, 2545677

E-Mail: academics@mnnit.ac.in

Website: <http://www.mnnit.ac.in>



**PRINCIPAL**  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001



॥॥॥

MSH No. P16030

# National Institute of Technology Warangal



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

**Doctor of Philosophy**

*on:*

**Mr. Bhalke Daulappa Guranna**

(Roll No: 700963 )

*who has successfully completed the prescribed requirements for the award  
of the degree and passed the examination in June 2016 in the Department of*

**Electronics and Communication Engineering**

*Given under the seal of the National Institute of Technology Warangal  
in the Republic of India on the Third day of September Two Thousand Sixteen*

*Title of the Thesis : Automatic Musical Instruments Classification using Signal Processing Techniques*



*C. Suresh*

CHAIRMAN  
SENATE & BOARD OF GOVERNORS



PRINCIPAL  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001



## 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

**Vast Prachi Prashant** Mother's Name: **Suhasini**

having been examined and found duly qualified for the degree of

**Doctor of Philosophy**

(Electronics)

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,

**वस्त प्राची प्रशांत, आईचे नाव: सुहासिनी**

**विद्यावाचस्पती**

( इलेक्ट्रॉनिक्स )

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



Vice Chancellor

21st June 2019

S-EN-01899



PRINCIPAL  
ALL INDIA SHRI SHRI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001



# 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

In the faculty of Engineering & Technology (Mechanical - Production) has been conferred on **Bachchan Bhanudas Dattatraya** on **Seventeenth January Two Thousand Fourteen** 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

बच्छाव भानुदास दत्तात्रय

हे / ह्या

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

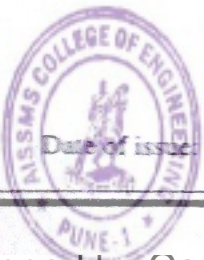
अभियांत्रिकी व तंत्रशास्त्र (यंत्र - उत्पादन)

विद्याशाखांतर्गत

## विद्यावाचस्पती

ही पदवी दिनांक सतरा जानेवारी दोन हजार चौदा

रोजी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.



PRINCIPAL

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

PJ3127939297

Vice-Chancellor



# Shivaji University, Kolhapur



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

**Waghmare Avinash Vishvanath**

Mother's Name - Kamal

has passed the



## Doctor of Philosophy

in Mechanical Engineering  
in faculty of Science and Technology

on 22<sup>nd</sup> January 2018

The said degree has been conferred on him  
at Kolhapur in the Winter Session  
of the year two thousand nineteen

**In Testimony** whereof are set the seal of the  
university and signatures of the Registrar and the Vice-Chancellor

Registrar



PRINCIPAL

ALL INDIA SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

Vice-Chancellor

Sr.No. :B- 20 : 00004





# 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*

**Dhonde Dinesh Yashwant**, Mother's Name: **Ashalata**

*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,

धांडे दिनेश यशवंत, आईचे नाव: आशालता

**विद्यावाचस्पती**

( मेकॅनिकल इंजिनिअरिंग )

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



PRINCIPAL  
ALL INDIA SHRI SHRI SHRI SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE - 411 001  
Vice Chancellor

01st June 2018

EN17-46512



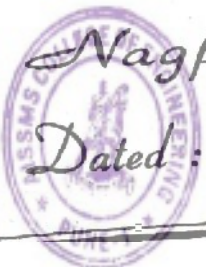
# Rashtrasant Tukadoji Maharaj Nagpur University

"(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 Universities Act, 1994)"



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

*This is to certify that  
Shri Mangesh Ravindra Phate having been found  
to be duly qualified on examination of the thesis  
on "Design, Optimization & Simulation of A Field Data  
Base Model (FDBM) for A Step Turning Process" 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 2015.*



Dated: 29-8-2015

PRINCIPAL  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

*S. Manoj*  
Vice-Chancellor





# 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

In the faculty of Engineering & Technology (Mech.-Prod) has been conferred on **Gajjal Priya Shetkar** 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

गज्जल प्रिया शेखर

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 ( यंत्र — उत्पादन )

## 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

PRINCIPAL

SHIVAJI MEMORIAL SOCIETY'S

COLLEGE OF ENGINEERING

KENNEDY ROAD, NANDED

पदवी: २०१७

Vice-Chancellor

# Rashtrasant Tukadoji Maharaj Nagpur University

\*(Established by Government of Central Provinces Education Department by Notification No. 313 dated the 1<sup>st</sup> of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1954)\*



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

*This is to certify that  
Shri Manish Sheshrao Deshmukh having been found  
to be duly qualified on examination of the  
thesis on "Development and Experimental Investigation  
of Diesel Particulate Filter System for A Stationary  
C. I. Engine" was admitted to the degree of  
Doctor of Philosophy (अभियांत्रिकी आणि तंत्रज्ञान आचार्य)  
in the Faculty of Engineering & Technology in  
this University in the year 2012.*

Nagpur

Dated: 1-10-2012

PRINCIPAL

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING

KENNEDY ROAD, PUNE-411 001

Vice-Chancellor







The Board of Management of the  
Vellore Institute of Technology (VIT)  
hereby confers on

**CHAITANYA SHRIKANT VASUDEO**

*the degree of*

**DOCTOR OF PHILOSOPHY**

*in recognition of the research work entitled*

**MODELLING AND ANALYSIS OF MULTI-COMPONENT SELECTIVE ASSEMBLY WITH  
GEOMETRIC AND DIMENSIONAL TOLERANCES TO CONTROL VARIATIONS IN HIGH  
PRECISION ASSEMBLIES**

*for having fulfilled the prescribed requirements.*

*The degree has been awarded in compliance with the  
"University Grants Commission, Regulations 2009"*

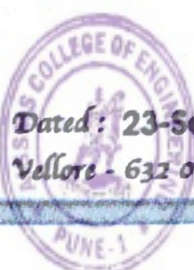
*given this day the* **11 September 2019**

*Given under the seal of this university*



Vice - Chancellor

Chancellor



Dated: 23-Sep-2019

Vellore - 632 014, Tamil Nadu, India

PRINCIPAL  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001





# 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*

**Choudhari Chandrakishor Shrirang**, Mother's Name: **Kamal**

*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,

चौधरी चंद्रकिशोर श्रीरंग, आईचे नाव: कमल

**विद्यावाचस्पती**

(मेकॅनिकल इंजिनिअरिंग)

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



**PRINCIPAL**  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

21st June 2019

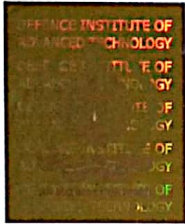
S-EN-00124



# उन्नत प्रौद्योगिकी रक्षा संस्थान, पुणे



(विश्वविद्यालय अनुदान आयोग अधिनियम, 1956 के अनुच्छेद ३ के अंतर्गत मानद विश्वविद्यालय)



**धारणकर चंद्रशेखर सुरेश**

को एतद्वारा

**विद्या वाचस्पति**

की उपाधि प्रदान करता है ।



प्रबंधक मंडल की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि,  
अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को यांत्रिक अभियांत्रिकी  
विभाग में पूर्ण कर लेने के उपरांत, पुणे  
भारतीय गणराज्य में आज 25 मई 2018 को प्रदान की जाती है।

**Defence Institute of Advanced Technology, Pune**

(Deemed to be University Under Section 3 of UGC Act 1956)

upon recommendation of the Board of Management hereby confers the degree of

**Doctor of Philosophy**

on

***Dharankar Chandrashekhhar Suresh***

who has fulfilled the requirements for the degree as prescribed

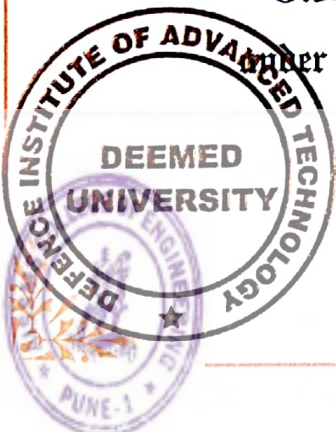
under the regulations, and carried out research on

*"Position Dependent Damping for Passive Suspension of Vehicle."*

in the Department of Mechanical Engineering

Given this **twenty fifth day of May, two thousand eighteen**

under the seal of the institute at Pune in the Republic of India.



PRINCIPAL  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

*हिरण्येश्वर*  
कुलपति  
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*

**Navale Shirish Jaysing**, Mother's Name: **Mangal**

*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,

नवले शिरीष जयसिंग, आईचे नाव: मंगल

विद्यावाचस्पती

( मेकॅनिकल इंजिनिअरिंग )

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



PRINCIPAL  
ALL INDIA SHRI CHHATRAPATI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001  
Vice Chancellor

11th January 2019

EN18-00032





# 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

In the faculty of *Engineering & Technology*  
(Mech. Prod. Engineering)  
has been conferred on *Wankhede Sandeepkumar Haribhau*  
on *Eleven February Two Thousand Eighteen*  
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, नंदेड

वानखेडे संदिपकुमार हरिभाऊ

हे/ह्या

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

अभियांत्रिकी व तंत्रशास्त्र ( यंत्र उत्पादन अभियांत्रिकी ) विद्याशाखांतर्गत

## विद्यावाचस्पती

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



Date: 11th April, 2018

Place: Nanded, Maharashtra State, India.

PRINCIPAL  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

प्रा. वि. वि. वि.

Vice-Chancellor

# Shivaji University, Kolhapur

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



## *Doctor of Philosophy* *Mathematics*

has been conferred on the 27<sup>th</sup> day of the month of  
February in the year two thousand nine,  
at Kolhapur, on

*Nikam Mahadeo Kedari*

*Mother's Name - Malan*

CERTIFIED TRUE COPY

PRINCIPAL  
AISSMS'S, COE, Pune-1.

Head of Department  
Engineering Science  
AISSMS COE, PUNE-1.

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

*Cishiske*



Ag. Registrar **PRINCIPAL**

*Balunke*  
Vice-Chancellor



ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001



We, the Chancellor,  
the Vice Chancellor and  
the Members of the Management Council  
and the Academic Council of the  
University of Pune certify  
that Saptarshi Rajendra Parashar  
having been examined and found duly  
qualified for the degree of

**Doctor of Philosophy**

(Physics)

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

**University  
Of  
Pune**

(Formerly  
University of Poona)



**पुणे  
विद्यापीठ**

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

सुप्रिया राजेंद्र  
पारेख

**विद्यावाचस्पति**

(पदार्थ विज्ञान)

पदवीस पात्र झाल्याबद्दल त्यांना ही पदवी प्रदान  
करण्यात येत आहे.

याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे  
अंकित करण्यात येत आहे.

अशोक कोळस्कर  
कुलगुरु



6th January 2003

S. S. Kulkarni  
**PRINCIPAL**  
Vice Chancellor

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

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

*Nighot Deepak Vilthai  
Mother's Name : Tarabai*

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

**Doctor of Philosophy**  
(Chemistry)

*The said degree has been conferred on him.*

*In testimony whereof is set  
the seal of the said University.*

*[Signature]*

**PRINCIPAL**

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING

14th January 2018

SC11-00080

KENNEDY ROAD, PUNE-411 007 Vice Chancellor



**University  
Of  
Pune**

(Formerly  
University of Poona)



**पुणे  
विद्यापीठ**

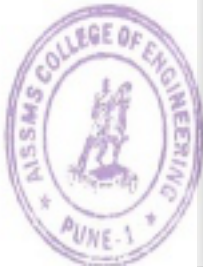
आम्ही, पुणे विद्यापीठाचे कुलपति,  
कुलगुरु आणि  
व्यवस्थापन परिषद  
व विद्या परिषद सदस्य,  
प्रमाणित करितो की,

निघोट दीपक विठ्ठल  
आईचे नाव : ताराबाई

**विद्यावाचस्पति**  
( रसायनशास्त्र )

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

*[Signature]*  
कुलगुरु







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

*Namra Narmodes Shejwal*

who has been found duly qualified for the Degree of  
Doctor of Philosophy (-----*Physics*-----)

The Degree of

**Doctor of Philosophy**

(-----*Physics*-----)

(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 18, 2017*

Place: Aurangabad

Date of issue of the

Degree Certificate **13 JUN 2017**

*B. Acharya*

Vice-Chancellor



A99334

PRINCIPAL

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

# Shivaji University, Kolhapur



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

*Amol Bhausaheb Patil*  
*Mother's Name - Sindhu*



*has passed the*

*Doctor of Philosophy*

*in Mathematics*

*in faculty of Science And Technology*

*on 16<sup>th</sup> March, 2019.*

*The said degree has been conferred on him*

*at Kolhapur in the Winter Session*

*of the year two thousand twenty.*

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

Registrar



Vice-Chancellor



**PRINCIPAL**  
ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

Sr.No. :B- 19 : 41002

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## University of Pune



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

**Shalaka Chandrakant Navale ( शलका चंद्रकांत नवले )**

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 : Physics
3. Title of the Thesis : "Synthesis and Characterization of Metal - Doped and undoped ZnO Nanostructures for Gas Sensing Applications."
4. Place of Research : Department of Physics,  
University of Pune, Pune - 411007.
5. Name and Address of the Guide : Dr. S. W. Gosavi,  
Department of Physics,  
University of Pune, Pune - 411007.
6. Name and Address of the Co-guide : Dr. I. S. Mulla,  
National Chemical Laboratory,  
Pashan, Pune - 411008.
7. Date of Registration : 05<sup>th</sup> August 2005.
8. Date of Declaration of Result : 30<sup>th</sup> December 2008.



Ganeshkhind, Pune 411007.

Ref. No. PGS/Ph.D.

Date : 5.1.09

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE - 411 001

For Controller of Examinations





# 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*

*Kalyani Vrashali Shivsamb, Mother's Name: Nilawati*

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

**Doctor of Philosophy**

*(Chemistry)*

*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,

कल्याणी वृषाली शिवसांब, आईचे नाव: निलावती

**विद्यावाचस्पती**

(रसायनशास्त्र)

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



PRINCIPAL

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEDY ROAD, PUNE-411 001

Vice Chancellor

30th June 2017

SC16-13600



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# SAVITRIBAI PHULE PUNE UNIVERSITY STATE ELIGIBILITY TEST



## STATE ELIGIBILITY TEST (SET) FOR ASSISTANT PROFESSORSHIP

**Conducted by Savitribai Phule Pune University as the State Agency**

(Ref.: Government of Maharashtra Resolution No.: USG-1391/2066/VS-4 dt. 14-7-1994)

(Accredited by University Grants Commission, New Delhi)

(Valid in the States of Maharashtra & Goa only)

Seat No. : 644721

Certified that **BONDE SHITAL PRABHAKAR**

Son / Daughter of **BONDE MALATI PRABHAKAR (Mother)**

and **BONDE PRABHAKAR TOPA (Father)**

has qualified the State Eligibility Test held on 29th May 2016 in the  
subject **Chemical Sciences**.

His / Her Post-graduation subject is **Chemistry**.

**MEMBER SECRETARY**  
(STEERING COMMITTEE, SET)

**Date of Result: 07/09/2016**

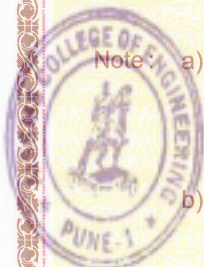
**CHAIRMAN**  
(STEERING COMMITTEE, SET)

**Date of Issue: 08/11/2016**

Note: a) Savitribai Phule Pune University, as the authorised Nodal Agency for Government of Maharashtra & Goa, for SET, has issued the certificate based on the attested documents only, provided by the candidate. The appointing authority should verify the original records / certificates of the candidate while considering him/her for appointment.

b) For candidates belonging to Scheduled Caste / Scheduled Tribe / Vimukta Jati / Nomadic Tribes / Other Backwards Class / Special Backward Class / Physically challenged persons with disability category, the appointing authority should check the relevant documents before appointment.

c) Authenticity of this certificate should be verified by the employer from the SET website





Electronic Certificate No.: 162004339



# University Grants Commission

## NATIONAL EDUCATIONAL TESTING BUREAU



JOINT CSIR-UGC TEST

### NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

UGC Ref. No.: 4339/(CSIR-UGC NET DEC. 2016)

Roll No.: 428480

Certified that **KALE SMITA POPAT**



A. I.

Son/Daughter of SHRI KALE POPAT VINAYAK

had applied for the Joint CSIR-UGC NET for eligibility for Assistant Professor held on 18-12-2016 in the GENERAL category and qualified by securing marks at par with the qualifying cut-off for GENERAL category in the Subject MATHEMATICAL SCIENCES

As per the information provided by the candidate, he/she had completed his/her Master's degree or equivalent examination at the time of applying for NET.

The date of eligibility for Assistant Professor is the date of declaration of NET result, i.e., 23rd March, 2017, OR the date of completion of Master's degree or equivalent examination with required percentage of Marks within two years from the date of declaration of NET result, i.e., by 22nd March, 2019, whichever is later.

This is an electronic certificate only and its authenticity should be verified from the UGC by the employer. This electronic certificate can also be verified by scanning QR Bar Code printed on the electronic certificate.

Validity of this electronic certificate is forever.

Date of Issue: 31-07-2017

*Surender Joshi*

Head  
NET Bureau

Note: a) UGC has issued the electronic certificate on the basis of information provided by the candidate in his/her Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the Commission is not responsible for the same. The candidate must fulfil the minimum eligibility conditions for NET as laid down in the notification for Joint CSIR-UGC NET.

b) Wherever SC/ST/OBC/PWD is shown in the UGC Ref. No., the institution/recruitment body should check the relevant documents of the candidate.



PRINCIPAL  
AISSMS COLLEGE OF ENGINEERING  
PUNE



Electronic Certificate No.: 162004338



# University Grants Commission

## NATIONAL EDUCATIONAL TESTING BUREAU



JOINT CSIR-UGC TEST

### NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

UGC Ref. No.: 4338/(OBC)(CSIR-UGC NET DEC. 2016)

Roll No.: 428373

Certified that **JADHAV SONALI ARJUN**



Son/Daughter of **SHRI JADHAV ARJUN SONYABAPU**

had applied for the Joint CSIR-UGC NET for eligibility for Assistant Professor held on **18-12-2016** in the **OBC** category and qualified by securing marks at par with the qualifying cut-off for **OBC** category in the Subject **MATHEMATICAL SCIENCES**

As per the information provided by the candidate, he/she had completed his/her Master's degree or equivalent examination at the time of applying for NET.

The date of eligibility for Assistant Professor is the date of declaration of NET result, i.e., **23rd March, 2017**, OR the date of completion of Master's degree or equivalent examination with required percentage of Marks within two years from the date of declaration of NET result, i.e., by **22nd March, 2019**, whichever is later.

This is an electronic certificate only and its authenticity should be verified from the UGC by the employer. This electronic certificate can also be verified by scanning QR Bar Code printed on the electronic certificate.

Validity of this electronic certificate is forever.

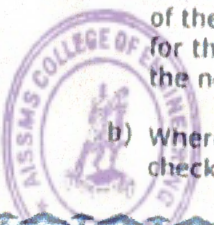
Date of Issue: 31-07-2017

*Surender Singh*

Head  
NET Bureau

Note: a) UGC has issued the electronic certificate on the basis of information provided by the candidate in his/her Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the Commission is not responsible for the same. The candidate must fulfil the minimum eligibility conditions for NET as laid down in the notification for Joint CSIR-UGC NET.

b) Wherever SC/ST/OBC/PWD is shown in the UGC Ref. No., the institution/recruitment body should check the relevant documents of that category.



ALL INDIA SHRI SHIKSHA MEMORIAL SOCIETY'S  
KENDRA, KENNEDY ROAD, PUNE-411 001



Electronic Certificate No.: 172005524



# University Grants Commission

## NATIONAL EDUCATIONAL TESTING BUREAU



ज्ञान-विज्ञान विमुक्तये

JOINT CSIR-UGC TEST

NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

UGC Ref. No.: 5524/(CSIR-UGC NET DEC. 2017)

Roll No.: 436038

Certified that **SURASE SUDHIR TUKARAM**



Son/Daughter of **SURASE TUKARAM RADHAKISAN** has qualified  
the Joint CSIR-UGC Test for Eligibility for Assistant Professor held on 17-12-2017  
in the Subject **MATHEMATICAL SCIENCES**

As per the information provided by the candidate, he/she had completed his/her Master's degree or equivalent examination at the time of applying for this test.

The date of Eligibility for Assistant Professor is the date of declaration of NET result, i.e., **9th May 2018**, OR the date of completion of Master's degree or equivalent examination with required percentage of marks within two years from the date of declaration of NET result, i.e., by **8th May 2020**, whichever is later.

This is an electronic certificate only. Its authenticity and category in which the candidate had appeared should be verified from UGC by the institution/appointing authority. This electronic certificate can also be verified by scanning QR Bar Code printed on the electronic certificate.

Validity of this electronic certificate is forever.

Date of Issue: 01-01-2019

*Surender Singh*

Head  
NET Bureau

Note: UGC has issued the electronic certificate on the basis of information provided by the candidate in his/her Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the Commission is not responsible for the same. The candidate must fulfil the minimum eligibility conditions for NET as laid down in the notification for Joint CSIR-UGC Test.

PRINCIPAL

KENNEDY ROAD, PUNE-411 001



Electronic Certificate No.: 162004336



# University Grants Commission

## NATIONAL EDUCATIONAL TESTING BUREAU



ज्ञान-विज्ञानं विमुक्तये

JOINT CSIR-UGC TEST

NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

UGC Ref. No.: 4336/(OBC)(CSIR-UGC NET DEC. 2016)

Roll No.: 428292

Certified that **NIMGIRE GANESH ASHOK**



Son/Daughter of SHRI NIMGIRE ASHOK BHIKAJI

had applied for the Joint CSIR-UGC NET for eligibility for Assistant Professor held on 18-12-2016 in the OBC category and qualified by securing marks at par with the qualifying cut-off for OBC category in the Subject MATHEMATICAL SCIENCES

As per the information provided by the candidate, he/she had not completed his/her Master's degree or equivalent examination at the time of applying for NET.

The date of eligibility for Assistant Professor is the date of declaration of NET result, i.e., **23rd March, 2017**, OR the date of completion of Master's degree or equivalent examination with required percentage of Marks within two years from the date of declaration of NET result, i.e., by 22nd March, 2019, whichever is later.

This is an electronic certificate only and its authenticity should be verified from the UGC by the employer. This electronic certificate can also be verified by scanning QR Bar Code printed on the electronic certificate.

Validity of this electronic certificate is forever.

Date of Issue: 31-07-2017

*Surender Singh*

Head  
NET Bureau

Note: a) UGC has issued the electronic certificate on the basis of information provided by the candidate in his/her Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the Commission is not responsible for the same. The candidate must fulfil the minimum eligibility conditions for NET as laid down in the notification for Joint CSIR-UGC NET.

b) Wherever SC/ST/OBC/PWD is shown in the UGC Ref. No., the institution/recruitment body should check the relevant documents of that category.



Sr. No. Q1- 0000415



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

In the faculty of Physical Education (Physical Education)  
has been conferred on **Kondhare Manisha Manoj**  
on **Eleven February Two Thousand Eighteen**  
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, नंदेड**

कोंढरे मनिषा मनोज

हे/ह्या

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

शारीरिक शिक्षण ( शारीरिक शिक्षण )

विद्याशाखांतर्गत

## विद्यावाचस्पती

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



Date: 11th February, 2018

Place: Nanded, Maharashtra State, India.

PRINCIPAL

SHRI SHIVAJI MEMORIAL SOCIETY'S  
COLLEGE OF ENGINEERING  
KENNEL ROAD, PUNE-411 001

पदवी/पदव्यावधि

Vice-Chancellor