

# Shivaji University, Kolhapur



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

Gaikwad Vitthal Janaji  
Mother's Name - Suman



has passed the

*Doctor of Philosophy*

*in Environmental Engineering*

*in faculty of Science And Technology*

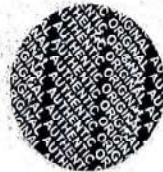
*on 18<sup>th</sup> February, 2021.*

*The said degree has been conferred on him  
at Kolhapur, on the 20<sup>th</sup> day of the month of  
January in the year two thousand twenty three.*

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

*Janaki*

*Ag Registrar*



*C. Shinde*

*Vice-Chancellor*

Degree Serial No./ उपाधि क्रमांक  
PhD/2023/10001794

Enrollment No. / नामांकन संख्या  
SVU16010113



# Shri Venkateshwara University श्री वैकटेश्वरा विश्वविद्यालय



**Upon the recommendation  
of the Academic Council**

This is to certify that **NAWANATH PANDHARINATH PHADTARE** has been awarded the degree of Doctor of Philosophy in **CIVIL ENGINEERING** of this University in the year **2022**.

**Title of the thesis**

**"STRUCTURAL DESIGN AND ANALYSIS WASTE REDUCTION STRATEGIES FOR CIVIL CONSTRUCTION PROJECTS."**

**विद्या परिषद की अनुशंसा पर**

प्रमाणित किया जाता है कि नवनाथ पंडारीनाथ फडतरे को असेनिक अभियंत्रण विषय में इस विश्वविद्यालय की डॉक्टर ऑफ़ फिलासफी की उपाधि वर्ष **2022** में प्रदान की गयी।

**शोध प्रबन्ध का शीर्षक**

**"STRUCTURAL DESIGN AND ANALYSIS WASTE REDUCTION STRATEGIES FOR CIVIL CONSTRUCTION PROJECTS."**

Chancellor  
कुलाधिपति

Registrar  
कुलसचिव

Vice Chancellor  
कुलपति



Amroha (U.P.), India  
अमरोहा (उ.प्र.), भारत  
Dated/दिनांक : 26.11.2023



Re-accredited By  
NAAC (2014)  
With CGPA - 3.16

**SHIVAJI UNIVERSITY, KOLHAPUR-416 004, MAHARASHTRA**  
PHONE : EPABX – (0231) 2609000, 2609113 FAX : 0091-0231-2691533, 2692333, 2693294  
**श्रीवाजी विद्यापीठ, कोल्हापूर 416004**

दूरध्वनी (ईपीएबीएक्स) 2609000 दीक्षान्त विभाग - 2609113  
फॅक्स : 0091-0231-2691533, 2692333, 2693294.

Website : [www.unishivaji.ac.in](http://www.unishivaji.ac.in) E-mail : [convocation@unishivaji.ac.in](mailto:convocation@unishivaji.ac.in)

Ref.No.:-SU/CONVO./3752/byhand

Date : 30 DEC 2015

(PROVISIONAL)  
SPECIAL CERTIFICATE  
FOR  
ELIGIBILITY OF DEGREE CERTIFICATE

*This is to certify that Shri. Madhukar Shamrao Chavan has passed the Ph.D. (Doctor of Philosophy) in Electronics Engineering. (Under the faculty of Engineering and Technology)*

*Vide Letter No.SU/PG/EXAM/Ph.D./2642.on Dated- 23/06/2015.*

*He is entitled to get the Degree Certificate.*



*[Signature]*  
Dy. Registrar  
Examinations  
Shivaji University, Kolhapur.

Note : 1. He / She is entitled to get the degree by applying for the convocation which will be held preferably in the month of January.

2. If the student fails to apply for the convocation in the immediate year he/she can apply for the next convocation.

3. If the student has not applied according to the clause 1 and 2 above, he / she can apply for Urgent Degree under statute No. 548(A)

• /process are available on the university website [www.unishivaji.ac.in](http://www.unishivaji.ac.in)

सं: 16111477

नामांकन सं: PEN/PED/11/00306  
(Enrollment No.)

श्री जगदीशप्रसाद झाबरमल टिबडेवाला विश्वविद्यालय, झुंझुनूं  
श्री Jagdishprasad Jhabarmal Tibrewala University, Jhunjhunu



D 503753

## डॉक्टर ऑफ़ फिलॉसफी

प्रमाणित किया जाता है कि **Kadam Deepak Bhimrao** को इस  
विश्वविद्यालय के **Engineering** संकाय के अन्तर्गत  
डॉक्टर ऑफ़ फिलॉसफी की उपाधि से वर्ष **2016** में विभूषित किया गया।

इनके शोध प्रबन्ध का विषय निम्नलिखित था :-


Neural Network Based Brain Tumor Detection Using M.R.I. Images.

## DOCTOR OF PHILOSOPHY

*This is to certify that **Kadam Deepak Bhimrao** has  
been awarded the degree of Doctor of Philosophy  
in the faculty of **Engineering** of this  
university in the year **2016**.*


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

Neural Network Based Brain Tumor Detection Using M.R.I. Images.

  
Chancellor/Chairman  
कुलाधिपति / चेयरमेन



05<sup>th</sup> February 2016

  
Vice-Chancellor/President  
कुलपति / अध्यक्ष

# Shivaji University, Kolhapur



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

Sankhal Sonali Sachin

Mother's Name - Sarita

has passed the

*Doctor of Philosophy*

*in Electronics Engineering*

*in faculty of Science And Technology*

*on 10<sup>th</sup> August, 2021.*

*The said degree has been conferred on her*

*at Kolhapur in the Summer Session*

*of the year two thousand twenty two.*

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

*Sankhal*

*Ag Registrar*



*C. Shiroke*

*Vice-Chancellor*

Sr.No. :B- 22 : 45261

Sr. No. 10003302



# MAHARISHI UNIVERSITY

OF INFORMATION TECHNOLOGY, LUCKNOW

(Established Vide Uttar Pradesh Act No. 31 of 2001)

## Provisional Certificate

*This is to certify that the proposal for the Award of Ph.D Degree in the Subject of*

**ELECTRONICS & COMMUNICATION under The faculty of ENGINEERING**

*To* **SANJAY NAMDEO PATIL**

*Registration No.* **D-14-183/R-Ph.D** *Year* **2014-17**

*On the Topic* **"EFFECTIVE & HIGH PERFORMANCE OPTIMIZED TECHNIQUES FOR ANALYSIS OF ECHOCARDIOGRAPHIC IMAGE IN BIOINFORMATICS"**

*has been Awarded by the University as per UGC Gazette Notification Dated 11<sup>th</sup> July*

*17<sup>th</sup> July 2009.*



*Registrar*

Registrar

Date of Issue : 20 /02/ 2018

Degree Serial No./ उपाधि क्रमांक  
PhD/2023/10001793

Enrollment No./ नामांकन संख्या  
SVU16010112



# Shri Venkateshwara University श्री वैकटेश्वरा विश्वविद्यालय



Upon the recommendation  
of the Academic Council

This is to certify that **PATIL LAXMAN SHAMRAO**  
has been awarded the degree of Doctor of  
Philosophy in **ELECTRICAL ENGINEERING** of this  
University in the year 2022.

Title of the thesis

"NOVEL DESIGN AND ANALYSIS OF ELECTRIC  
VEHICLES CONTROLLER STRATEGY"

विद्या परिषद की अनुशंसा पर

प्रमाणित किया जाता है कि पाटिल लक्ष्मण शामराव की  
विद्युत अभियंत्रण विषय में इस विश्वविद्यालय की डॉक्टर  
ऑफ़ फिलॉसफी की उपाधि वर्ष 2022 में प्रदान की गयी।

शोध प्रबन्ध का शीर्षक

"NOVEL DESIGN AND ANALYSIS OF ELECTRIC  
VEHICLES CONTROLLER STRATEGY"

Chancellor  
कुलाधिपति

Registrar  
कुलसचिव

Vice Chancellor  
कुलपति



Amroha (U.P.), India  
अमरोहा (उ.प्र.), भारत  
Dated/दिनांक : 26.11.2023

Washtrasant Tukadoji Maharaj  
Nagpur University

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

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



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

*This is to certify that  
Mr. Kiransing Pratapsing Paradeshi having  
been found to be duly qualified on examination of  
the thesis entitled "Multichannel Acquisition of  
EEG Signals and Filtering" was admitted to the degree  
of Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य)  
in the Faculty of Science and Technology in the  
Subject of Electronics Engineering in this University  
in the year 2020.*

Nagpur

Dated : 09-07-2021

Vice-Chancellor

108<sup>th</sup> Convocation 2021

Science & Technology/108/20/2021/1182



श्री. केशव केशव  
राव, कान्हेरवाडी,  
अ. मिराज, ताल. मिराज,  
जिल्हा. सांगली.  
(Chief, M.R. (Sangli))  
(HOD), MSTE  
Director,  
Board of Examinations & Evaluation



शिवजी विश्वविद्यालय  
कोल्हापूर-४१६०१४, महाराष्ट्र  
शिवजी विश्वविद्यालय  
कोल्हापूर-४१६०१४, महाराष्ट्र  
KOLHAPUR-416 014, MAHARASHTRA

Phone: (020) 2682174,  
2605067, 2619068  
Website: www.unishivaji.ac.in  
E-mail: coo@unishivaji.ac.in

Activati  
Go to Set

Ref. No. :

Date :

### Declaration of Result

It is hereby declared that the thesis entitled,  
**STUDIES ON PROPAGATION MODELS FOR PERSONAL  
COMMUNICATION SYSTEM : A SPECIAL REFERENCE TO WIDEBAND  
APPLICATION**  
submitted by, Shri. Kishor Khemchand Pandyaji, 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 07/04/2017.

**Director**  
**Board of Examinations & Evaluation**

No. SU/PG/EXAM/Ph.D./ 740  
Date: 07/04/2017

To,

1. Shri. Kishor Khemchand Pandyaji,  
Dnyaneshwar Nagar, Malbhag, A/p. Budhgaon,  
Tal.- Miraj, Dist.- Sangli.
2. Dr. S. K. Bodhe, (Guide)  
AA-2, Avadhut Complex, 32/14,  
Sambhajinagar, Ambegaon (Bk), Pune.
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. 813 dated the 1<sup>st</sup> of August 1923 & presently a State University governed by Maharashtra Public Universities Act, 2018 (44th Act No. VI of 2017)

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



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

*This is to certify that  
Juberahmad Abdurashid Shaikh having been found  
to be duly qualified on examination of the thesis  
entitled "A Double Security Palmprint and Fingerprint  
Authentication" was admitted to the degree of  
Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in  
the Faculty of Science and Technology in  
the Subject of Electronics Engineering in this  
University in the year 2020.*

Nagpur

Dated : 09-07-2021

Vice-Chancellor

108<sup>th</sup> Convocation 2021

Science & Technology/10809072021/187



# Savitribai Phule Pune University

(formerly University of Pune)

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

Candidate's Name : Shinde Ambadas Balu  
( शिंदे अंबादास बाळू )

Mother's Name : Janabai ( जनाबाई )



University has accepted the thesis submitted by the above candidate for award of Ph.D. Degree, as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above 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 and Technology
2. Subject Name : Electronics
3. Title of Thesis : "Recognition & Compression of Printed Text and Mixed Scripts in Document Image Processing".
4. Research Center : BRAC's Vishwakarma Institute Of Information Technology, Pune - 411048
5. Name and Address of the Guide : Dr. Dandawate Yogesh Haribhau  
BRAC's Vishwakarma Institute Of Information Technology, Pune - 411048
6. Date of Registration : 03/07/2013
7. Date of Re-Registration : 03/07/2018
8. Date of Declaration of Result : 03/08/2023



Ganeshkhind, Pune - 411007.  
Ref. No. PGS/Ph.D./23/S&T/0124  
Date : 11/08/2023

Director  
Board of Examinations & Evaluation

167433

# 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 15<sup>th</sup> day of the month of March in the year two thousand ten.

at Kolhapur, on

Patil Manisha Vasant Rao

Mother's Name - Jayshree

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

C. Shinde  
Ag. Registrar



Dawar  
Vice-Chancellor

# Solapur University

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



*Sanjay Patil*  
Signature of the Candidate

## Doctor Of Philosophy

*Physics*

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

*Patil Sanjay Laxman*

who has been found duly qualified for the same.

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

*Sanjay*



*Sanjay*

*Registrar*

*Vice - Chancellor*



# SOLAPUR UNIVERSITY, SOLAPUR

## CERTIFICATE Ph.D. DEGREE EQUIVALENCE UGC REGULATIONS - 2009

It is hereby certify that, the thesis entitled "PREPARATION AND CHARACTERIZATION OF POLYANILINE-ZINC OXIDE NANOCOMPOSITES FOR GAS SENSING APPLICATIONS" Submitted by *Mr. Patil Sanjay Laxman* in the subject of *Physics* under the *faculty of Science* is accepted by the University Authorities for the award of the Doctor of Philosophy on 11-9-2012.

It is hereby also certified that, the Ph.D. awarded to *Mr. Patil Sanjay Laxman* is in compliance of the provision of UGC (Minimum Standard and Procedure for the award of Ph.D. Degree Regulation 2009).

This certificate is issued in the light of UGC directives through its letter Ref. F.No.1/1/2002(PS) Pt file III dated 28<sup>th</sup> August, 2009 and as per the office circular No.SUS/PGBUTR/694, dated 27<sup>th</sup> April, 2010, R.Ph.D.25(ii) and as per the Academic resolution no.61(12).

(Prin.) Dr. Bhimashankar M. Bhanje  
DIRECTOR

BOARD OF COLLEGE AND UNIVERSITY DEVELOPMENT

No : SUS/PGBUTR/BCUD/Ph.D.EQU-33/2012-13/ 1306

Dated : 20 MAY 2013



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

This is to certify that

*Shri. Sanjay Laxman Bhagat*

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

*Studies On Synthesis And Characterization Of  
Furfural From Different Biomaterials And Its  
Products Development*

was admitted to the degree of  
Doctor of Philosophy in the subject Chemical Tech.  
in the faculty of Engg. & Tech. in this University in the year 2017

*Amravati :*  
23 FEB 2017



*Phindat*  
Vice-Chancellor

016531



# University of Mumbai मुंबई विद्यापीठ

*W<sub>e</sub>*,

the Chancellor, Vice-Chancellor  
and

Members of the Management Council  
confer the Degree of

**Doctor of Philosophy**

(Technology)

on

**Pawar Sanjay**

University of Mumbai - Institute of Chemical  
Technology (Autonomous)

for a Thesis in Chemical Engineering

presented in December 2010

which has been accepted by the Examiners

at the Convocation

held on 28th January, 2012.

*आ*म्ही,

कुलपती, कुलगुरू

आणि

व्यवस्थापन परिषदेचे सदस्य

**विद्यावाचस्पती**

(तंत्रविद्या)

ही पदवी

डिसेंबर २०१० मध्ये

रसायन अभियांत्रिकी या विषयात

सादर केलेला प्रबंध परीक्षकांनी स्वीकृत केल्याबद्दल

**पवार संजय**

मुंबई विद्यापीठ - इन्स्टिट्यूट ऑफ केमिकल टेकनॉलॉजी (स्वायत्त)

यांना

२८ जानेवारी, २०१२ च्या

दीक्षान्त समारंभात प्रदान करित आहोत.



PHUA-12-747-00020-00020

*Sanjay*

Vice-Chancellor / कुलगुरू



2119970



# Washtrasant Tukadoji Maharaj Nagpur University

Established by Government of Central Provinces Education Department by Notification No. 512 dated the 1<sup>st</sup> of August 1923 & presently a State University governed by Maharashtra Public Universities Act, 2010 (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  
Prashant B. Dhanke having been found to be duly  
qualified on examination of the thesis entitled  
"Intensification of Degradation of Waste Water by  
Hydrodynamic Cavitation Reactor with Various Advance  
Oxidation Processes" was admitted to the degree of  
Doctor of Philosophy (विज्ञान व तंत्रज्ञान आचार्य) in  
the Faculty of Science and Technology in the  
Subject of Chemical Engineering in this University in  
the year 2022.*

*Nagpur*

*Dated : 25-05-2022*

*Vice-Chancellor*

**109<sup>th</sup> Convocation 2022**

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

*Kulkarni Satish Shankarrao*  
Mother's Name - *Sunitidevi*  
has been awarded the degree of



*Doctor of Philosophy*

*in Mechanical Engineering*  
*in the faculty of Engineering & Technology*  
*on 29<sup>th</sup> November 2012.*

*The said degree has been conferred on him*  
*at Kolhapur in the Winter Session*  
*of the year Two Thousand Thirteen.*

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

*Shrinley*  
Registrar



*Pawar*  
Vice-Chancellor



MIT WORLD PEACE  
UNIVERSITY

Ref: MIT-WPU-PH.D-2022-06

Date: 16<sup>th</sup> Dec 2022

**PROVISIONAL CERTIFICATE**

This is to certify that research scholar Mr. Pankaj Pradip Awate, PPh<sup>22</sup> PHDMECH2017014 of batch 2017-18 has completed all the requirement for award of Ph.D. degree in **Mechanical Engineering** after successful completion of viva voce in the defense committee meeting held on 9<sup>th</sup> December 2022 at Dr. Vishwanath Karad MIT World Peace University, Pune.

The topic of research was "**Formation and Characterization of Aluminum Metal Matrix Nanocomposites Using Graphene and Al<sub>2</sub>O<sub>3</sub> as Reinforcement Materials with Varying Weight Percentages Separately**".

This certificate is valid till the original degree is conferred by the institution.

  
Controller of Examinations

Verified By



  
HOD  
Mechanical  
P.V.P.I.T.Budhgaon.

The Jhota Institute of Technology & Science  
Upon the Recommendation of the Senate hereby confers on

**Harugade Mukund Laxman**

The Degree of

**Doctor of Philosophy**

having been found duly qualified. The thesis presented for the Degree was entitled "Experimental Investigations on Electrochemical Discharge Drilling and Deburring for Non-Conductive Materials".

Given this twenty sixth day of July, two thousand twenty three under the Seal of the Jhota Institute of Technology & Science at Jhota in the State of Rajasthan, India.

*Suman Kranda*  
DIRECTOR

*[Signature]*  
REGISTRAR



*[Signature]*  
H.O.D.

*[Signature]*  
VICE-CHANCELLOR

*[Signature]*  
CHANCELLOR



# The Birla Institute of Technology & Science

Upon the Recommendation of the Senate hereby confers on

**Harugade Mukund Laxman**

The Degree of

## Doctor of Philosophy

having been found duly qualified. The thesis presented for the Degree was entitled "Experimental Investigations on Electrochemical Discharge Drilling and Deburring for Non-Conductive Materials"

Given this twenty sixth day of July, two thousand twenty three under the Seal of the Birla Institute of Technology & Science at Pilani in the State of Rajasthan, India.

*Suman Kishor*  
DIRECTOR


*Singh*  
REGISTRAR



*Kudrath*  
CHANCELLOR


*Ramprasad*  
VICE-CHANCELLOR

Sr. No. 100024518

  
**MAHARISHI UNIVERSITY**  
OF INFORMATION TECHNOLOGY, LUCKNOW  
Established vide Uttar Pradesh Act, No. 31 of 2001

*Provisional Certificate*

This is to certify that the proposal for the award of *Ph.D.* Degree in the Subject of  
**MECHANICAL** in the Faculty of **ENGINEERING**  
To **MR. SHROTRIAMOD PANDURANG**  
Registration No. **IS-PIIDC-2257** from **2015-19**  
On the Topic **"INVESTIGATION ON POROUS METALLIC COMPOSITES DEFORMATION PROPERTIES DURING MECHANICAL PROCESSING"** has been  
Awarded by the University as per UGC Gazette Notification Dated 11<sup>th</sup> July 17<sup>th</sup> July 2009.



*Pandurang*  
Registrar

Date of Issue : 30/ 07/ 2019



*[Signature]*  
**HOD**  
**Mechanical**  
**P.V.P.I.T. Budhgaon.**



# Visvesvaraya Technological University

"Jnana Sangama", Belagavi - 590 018, Karnataka state.

Dr. K. E. Prakash, B.E., M.E., Ph.D.  
Registrar

Phone: (0831) 2405468  
Fax : (0831) 2405467

Ref: VTU/Aca/2015-2016/A7/PHY 8141

Date: 14 DEC 2015

## OFFICE ORDER

Sub: Registration of Ph.D./M.Sc.(Engg.) by Research from June 2015  
Ref: Your application for the Ph.D./M.Sc.(Engg.) by Research.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register for pursuing research work with the following details:

1. Name : Deshmukh Rahul Bhimrao
2. Programme : Ph.D.
3. Full time /Part time : Part Time
4. Research Centre : Physics
5. College/Institute : VTU-RRC, Belagavi
6. Supervisor : Dr. Sanjay Laxman Patil
7. Co-Supervisor :
8. Research Topic : "Room Temperature Gas Sensing Properties and Applications of Conducting Polymer-Metal Oxide Nanocomposites"
9. Approved Course work  

Sl.No.	Group	Course work
1.	14PHDRM	Research Methodology
2.	14PHDPHY004	Atomic, Nuclear & Molecular Physics
3.	14PHDPHY005	Solid State Physics, Nano Science and Technology
4.	14PHDPHY006	Material Science
5.	14PHDPHY007	Physics of Liquid Crystals and Polymer Science
6.	14PHDPHY008	Flourescence Spectroscopy and X-ray Crystallography

This permission for registration is subject to fulfilling the following conditions

1. Letter of acceptance for the Provisional admission, duly forwarded by the Guide/ Co-guide and Head of Research Centre on or before 19<sup>th</sup> Dec 2015.
2. An undertaking to abide by the rules and regulations of the University.
3. DD of ₹ 4000/- drawn in favour of the Finance Officer VTU, Belagavi of towards requisite registration fee.

Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2014)

Registrar

To,

The candidate

- Copy to, 1. The Research Centre /VTURRC  
2. The Supervisor/Co-Supervisor



SHIVAJI UNIVERSITY, KOLHAPUR-416 004. MAHARASHTRA

PHONE : EPABX-2609000 PGBUTR - 2609139

FAX +91-0231-2691533 & 2692333 website: www.unishivaji.ac.in

शिवाजी विद्यापीठ, कोल्हापूर - ४१६ ००४, महाराष्ट्र

दुरध्वनी : (ईपीएबीएक्स) 2609000 पी.जी.बी.यु.टी.आर 2609139

फॅक्स : +91-0231-2691533 o 2692333.

e-mail : directorbcud@unishivaji.ac.in, pgbutr@unishivaji.ac.in

Estd : 1962  
NAAC 'A' Grade  
MHRD NIRF-28<sup>th</sup> Rank

Ref. No. : SU/PGBUTR/Recog/ 7501

Date : 5 DEC 2016

To,  
Dr. Kulkarni Satish Shankarrao,  
Padmabhushan Vasantrodada Patil  
Institute of Technology,  
Budhgaon, Dist. - Sangli.

Sub : Recognition as a Ph.D. Guide / Research Supervisor.

Sir,


With reference to your application dated 31 / 03 / 2015 for recognition as a Ph.D. guideship, I am directed to inform you, that the University Authorities are pleased to grant you guideship as stated below.

Degree	Subject	Type of Guideship
Ph.D.	Mechanical Engg.	Permanent

Note :-

1. This recognition is valid till you are in the regular services of the Department / College / Institution affiliated to this University and will be eligible for guidance as per the rules prescribed in this respect by the University authorities from time to time.
2. If you are rejoining Department / College / Institution affiliated to this University you have to inform this office with necessary documents for continuation of the guideship.
3. If you are a recognized guide of any other University you have to inform this office, failing which, it will be treated as indiscipline.
4. As per University Grants Commission (Minimum Standards and Procedure for Award of M.Phil. /Ph.D. Degree) Regulations, 2016, a Research Guide/Supervisor/Co-supervisor who is Professor, at any given point of time, cannot guide more than three (3) M.Phil. and eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can guide upto a maximum of two (2) M.Phil. and six (6) Ph.D. scholars and an Assistant Professor as Research Guide / Supervisor can guide upto a maximum of one (1) M.Phil. and four (4) Ph.D. scholars.

Yours faithfully,

  
Director,  
Board of College and  
University Development

Copy forwarded with compliments to:

The Principal,  
Padmabhushan Vasantrodada Patil  
Institute of Technology, Budhgaon, Dist. - Sangli.

You are directed to provide all the necessary facilities to Research Guides / Supervisors as per clause 10 of U.G.C. Regulations 2016 ( Academic, administrative and infrastructure requirement to be fulfilled by Colleges for getting recognition for offering M.Phil./Ph.D. programmes). then and then only students will be allotted to guides from your college.



# Shivaji University, Kolhapur

शिवजी विद्यापीठ, कोल्हापूर ४१६००४ महाराष्ट्र

Website: (www.unishivaji.ac.in)

Phone: (0231) 2609413 Fax: 0091-0231-2692333

**DEPARTMENT OF TECHNOLOGY**

Accredited by NAAC

Ref. No. SUK/ DOT/

Date: 10-10-2017

To,

**Shri.Mandar Trimbak Sawant.**  
ShriSadgurukrupa, Behind Praharbhavan  
Bijaleenagar, Kankavli, Dist-Sindhudurg  
Mob no-9421148125.

**Subject: Provisional admission to Ph.D. (2017-18)**

Sir / Madam,

With reference to above, I am directed to inform that you have been provisionally admitted to the Ph.D. program in **Mechanical Engineering**. The Departmental Research Committee has assigned **Prof. / Dr. Satish S.Kulkarni** as your research supervisor.

This provisional admission letter is issued to you after receiving final approval from eligibility section and subject to compliance of necessary documents and remission of fee. You are hereby informed to pay fee of Rs.1000/- [Provisional registration fee Rs.500/- & Library deposit of Rs.500/-] and submit eight copies of synopsis through the Research Supervisor to the undersigned within one month from the date of issue of this letter.

Final registration letter will be issued to you by the BUTR Section after the approval to your research synopsis by Research and Recognition Committee.

I look forward to your immediate response, in view of the above.

Thanking you.

Yours faithfully,



  
Director  
Dept. Of Technology

Copy f.w.cs.to :-

1. Research Supervisor : **Dr. Satish S.Kulkarni.**

PVPIT, Sangli.

2. Dy.Registrar, PGBUTR Section, Shivaji University, Kolhapur.

3. University Librarian, Barr. Balasaheb Khardekar Library, Shivaji University, Kolhapur.





# Shivaji University, Kolhapur

शिवाजी विद्यापीठ, कोल्हापूर ४१६००४ महाराष्ट्र

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Phone: (0231) 2609413 Fax: 0091-0231-2692333

**DEPARTMENT OF TECHNOLOGY**

Accredited by NAAC

Ref. No. SUK/ DOT/

Date: 10-10-2017

To,

**Shri.Sandip Bapuso Ghatge.**  
BajiraoNiwas, SomwarPeth, Kagal  
Dist-Kolhapur-416216  
Mob No-9595888766.

**Subject: Provisional admission to Ph.D. (2017-18)**

Sir / Madam,

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3.University Librarian ,Barr.Balasaheb khardekar Library,Shivaji University,Kolhapur.