



Savitribai Phule Pune University

(formerly University of Pune)

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

Wakchaure Vishnu Damodhar (वाकचौरे विष्णू दामोदर)

Mother's Name: Sonabai (सोनाबाई)

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

RELEVANT DETAILS ARE AS UNDER :

- 1 Faculty : Engineering
- 2 Subject : Production Engineering
- 3 Title of the Thesis : "Performance Enhancement of Industries through Analysis of Integrated Manufacturing Practices".
- 4 Place of Research : Department of Production Engineering, K.K. Wagh Institute of Engineering Education & Research, Panchvati, Nashik – 422 003.
- 5 Name and Address of the Guide : Dr. K.N. Nandurkar
Department of Production Engineering,
K.K. Wagh Institute of Engineering Education & Research, Panchvati, Nashik – 422 003.
- 6 Name and Address of the Co-guide : Dr. S.P. Kallurkar
Department of Production Engineering,
K.K. Wagh Institute of Engineering Education & Research, Panchvati, Nashik – 422 003.
- 7 Date of Registration : 06th July, 2009
- 8 Date of Re-Registration : 06th July, 2014
- 9 Date of Declaration of Result : 24th August, 2015

Ganeshkhind, Pune 411007

Ref. No. PGS/Ph .D. / 373

Date: 27 AUG 2015

for Controller of Examinations



Savitribai Phule Pune University

(Formerly University of Pune)



Telephone No: 25601258/1259
E-mail : boards@unipune.ac.in
Telegraph : 'UNIPUNE'
Fax No : 25691233

ACADEMIC SECTION
Ganeshkhind, PUNE-411 007

Ref. No: BOD/Sci & Tech/32/20

Date: 7 / 5 / 2019

To

Dr. Vishnu Damodhar Wakchaure
Amrutvahini Sheti And Shikshan Vikas
Sanstha's, Amrutvahini College of
Engineering, P.O.Sangamner SK
Sangamner-422 608,
Dist. Ahmednagar

Subject : Recognition as a Post Graduate Teacher & Ph.D. Research Guide

Sir,

Please refer to your application for Recognition as a Post Graduate Teacher & Ph.D. Research Guide of Savitribai Phule Pune University, I am directed to inform you that the University authorities have been pleased to recognize you as a Post Graduate Teacher & Ph.D. Research Guide of this University under the provision of Section 37(1)(e) of the Maharashtra Public Universities Act, 2016.

The details of your recognition are as under :

1. You have been recognized as a **Post- Graduate Teacher (by Papers)** under the faculty of **Science and Technology** in the subject of **Mechanical Engineering** with effect from (continuation) **20-04-2016** to till your age of superannuation or you are ceased to be in service of the Affiliated Colleges/ Recognized Institute / Research Institute from where you had applied for the recognition as a Post Graduate Teacher.
2. You have been recognized to guide **Ph. D. Scholars** under the faculty of **Science and Technology** in the subject of **Mechanical Engineering** for the period of eight (8) years with effect from **20-03-2019** to **19-03-2027** with following particulars;

- i) Eight (8) Ph. D. Scholars, if you are a Professor.
- ii) Six (6) Ph. D. Scholars, if you are an Associate Professor.
- iii) Four (4) Ph.D. Scholars, if you are an Assistant Professor.

Your guideship is subject to the following conditions and other terms and conditions prescribed by the University and University Grants Commission, (UGC) New Delhi from time to time in this behalf:

- i) M.Phil/Ph.D. Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil/Ph.D. Degree) Regulations 2016.
- ii) a) If the affiliation/Recognition granted by the university to your College/Institute gets over then the recognition granted to you will be treated as cancelled from the date on which the period of affiliation/recognition gets over.

- to in case of Research Institute, it should be recognized by the University for the subject for which you are recognized as M.Phil/Ph.D. Research Guide.
If the recognition granted by the University to your Research Institute gets over then your recognition as an M.Phil/Ph.D. Research Guide will be treated as cancelled from the date on which the recognition to your Research Institute gets over.
- iii) In case of those M.Phil/Ph.D. Guides whose length of service as a regular faculty is not more than two years, in such cases it is essential for them to take a Co-Guide whose length of service as a regular faculty should not be less than five years and the said Co-Guide should be approved M.Phil/Ph.D. Guide of Savitribai Phule Pune University.
- iv) No fresh M.Phil/Ph.D. 'Research Students' should be registered with M.Phil/Ph.D. Research Guides whose length of service as a regular faculty is not more than two years.

In addition to the above conditions, it is essential to mention the name of 'Savitribai Phule Pune University' in author's address in the Publications made by you and your students.

Recognition granted to you is always subject to the terms and conditions prescribed by the University and University Grants Commission, New Delhi from time to time, in this behalf.

If any correction in the recognition letter then please contact this office within fifteen days from the date of receipt of this letter.

Thanking you.

Yours Sincerely,



Deputy Registrar
(Academic Section)

Copy fives to :

1. The Dean, Faculty of Science and Technology.
2. The Principal / Director/Head, Amrutvahini Sheti And Shikshan Vikas Sanstha's, Amrutvahini College of Engineering , P.O.Sangamner SK Sangamner--422 608, Dist. Ahmednagar
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.

Savitribai Phule Pune University

(Formerly University of Pune)



Telephone Nos.: 25601261

Fax: 020-25699232

Ganeshkhind, Pune- 411 007.

Ref. No.: PGS/576

Date: - 8 FEB 2016

To

The Principal

Amrutvahini College of

Engineering, Sangamner

Ahmednagar- 422 608.

Sir/Madam ,

The Ph.D cases forwarded by the Institute/center were placed the Research & Recognition Committee meeting in **Mechanical** (subject) held on 13/01/2016. The decision/s of the Research & Recognition Committee are as follows:

Sr.No	Name of the candidate & Name of the Guide	Remarks
1.	Name – Mr. Patil Atulkumar Sahebrao Guide- Dr. U.M. Shirsat	Topic is approved & admitted w.e.f. 23/08/2015. Title: "Tribological Investigations of Piston Ring with Surface Modifications".

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Thanking you,

Yours faithfully,


Assistant Registrar
(Admission)

Prof. Aher (mech)

13/2

Savitribai Phule Pune University
(Formerly University of Pune)



Telephone Nos. : 020-25621205/1212
25621216

Ganeshkhind, Pune - 411 007.
Email: pgadmis@pun.unipune.ac.in

Ref. No.: PGS/ 3313

Date:

9 SEP 2021

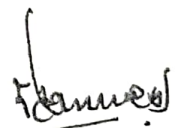
To,
Mr. Patil Atulkumar Sahebrao,
Department of Mechanical Engineering,
ASSVS's Amrutvahini College of Engineering, Sangamner
A/t-Amrutnagar, P.O. Sangamner S.K.,
Sangamner-422608 Dist: Ahmednagar

Sub. : Change of Research Guide for Ph.D. Course

Sir/Madam,

With reference to your application dated 20/07/2021 on the above subject, I am directed to inform you that the on the behalf of the R&R Committee permitted you to complete your Doctoral Research in the subject of **Mechanical Engineering (Science & Technology)** under the guidance of **Dr. V. D. Wakchaure** and Co-Guide as a **Dr. U. M. Shirsat**.

Please note that as per rules, you will have to work under his/her guidance for a minimum period of one calendar year before submission of your thesis.


Deputy Registrar
(P.G. Admissions)

Copy: 1) ~~The Principal~~,
✓ ASSVS's Amrutvahini College of Engineering, Sangamner
A/t-Amrutnagar, P.O. Sangamner S.K.,
Sangamner-422608 Dist: Ahmednagar

- 2) **Dr. V. D. Wakchaure**, (Guide) (New)
3) **Dr. U. M. Shirsat** (Co-Guide)
Department of Mechanical Engineering,
ASSVS's Amrutvahini College of Engineering, Sangamner
A/t-Amrutnagar, P.O. Sangamner S.K.,
Sangamner-422608 Dist: Ahmednagar

Handwritten note:
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se m
20/9/21

Savitribai Phule Pune University
(formerly University of Pune)



Telephone Nos.: 25601261/62

Fax: 020-25699232

Ganeshkhind, Pune- 411 007.

Email : pgadmis@pun.unipune.ac.in

Ref. No.: PGS/ 4591

Date: 23 NOV 2016

To,
The Principal,
Amrutvahini College of Engineering,
Sangamner – 422 608, Dist. Ahmednagar.

Sir/Madam,

The Ph. D. Cases forwarded by the Centre were placed before the Research and Recognition Committee in the subject **Mechanical Engineering (Subject)**, held on 16/09/2016. The decision/s of the Research & Recognition committee is/are as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Mr. Bajaj Dipak Shriramji Guide : Dr. R. S. Jahagirdar	Topic approved & admitted w. e. f. 26/08/2016 : "Evaluation of Lubricating Oil Properties Affecting on C.I.Engine Using Cotton Seed Oil as a Lubricant."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Yours,

Dy. Registrar
(Admissions)

Prof. Aherr.
Ph.D. co-ordinator
for N.A.

Savitribai Phule Pune University

(Formerly University of Pune)



Telephone Nos. : 25601260/1261
25690062

Ganeshkhind , Pune – 411 007.

Fax : 020 - 2569232

Ref. No. : 198/220

Date : 15 JAN 2020

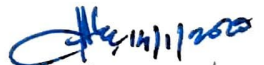
To,
Mr. Bajaj Dipak Shriramji
Dept. of Mechanical Engineering
Amrutvahini College of Engineering,
Sangamner 422605, Dist. Ahmednagar.

Sub. : Change of Research Guide for Ph.D. Course

Sir/Madam,

With reference to your application dated 26/11/2019 on the above subject, I am directed to inform you that on the behalf of the R & R Committee permitted you to complete your Doctoral Research in the subject of **Mechanical Engineering** under the guidance of **Dr. V.D. Wakchaure** & Co-guide **Dr. R.S. Jahagirdar**.

Please note that as per rules, you will have to work under his guidance for a minimum period of one calendar year before submission of your thesis.


Dy. Registrar,
Admission

- Copy : 1. **Dr. V.D. Wakchaure** (Research Guide)
&
2. **Dr. R.S. Jahagirdar** (Research Co-guide)
Dept. of Mechanical Engineering
Amrutvahini College of Engineering,
Sangamner 422605, Dist. Ahmednagar.
3. **The Principal,**
Amrutvahini College of Engineering,
Sangamner 422605, Dist. Ahmednagar.

Savitribai Phule Pune University
(Formerly University of Pune)



Telephone Nos. : 020 - 25621205
25621216

Ganeshkhind,
Pune - 411 007.

Email: pgadmis@pun.unipune.ac.in

Ref. No. : PGS/Ph.d/

1260

Date: .

2 MAR 2021

To,
The Principal,
Amrutvahini College of Engineering, Sangamner,
Amrutnagar, Sangamner- 422 608
Dist: Ahmednagar.

Sir/Madam,

The Ph.D. cases forwarded by the Centre were place before the Research and Recognition Committee meeting in the subject **Mechanical Engineering (Science and Technology)**, held on 12/01/2021. The decisions of the Research & Recognition Committee are as follows.

Sr. No.	Name of the candidate & Name of the Guide	Remarks
1.	Mr. Chaudhari Sujit Badashaha Guide : Prof. Dr. V. D. Wakchaure	Topic Approved & Admitted w.e.f. 31/08/2020 as follows: "Investigation of Creep-Fatigue Behaviour of Additively Manufactured Inconel 718."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Yours Faithfully,


Deputy Registrar
(P. G. Admissions)

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16/3/21*

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



Tel. Nos: (020) 2562 1227/1212/1205
Fax no. : 020 25699232

Ganeshkhind, Pune - 07
Email : pgadmis@pun.unipune.ac.in

Ref. No.: PGS/Ph.D/5178

Date :06/11/2022

To,
The Principal / Director / Head
Amrutvahini Sheti And Shikshan Vikas
Sanstha Amrutvahini Engineering College
Addr: PO Sangamner SK sangmaner Ta:
Sangamner Dist: Ahmednagar [CEGA016260]

Sir/Madam

The Ph.D. cases forwarded by your Institute/Centre were placed before the Research & Recognition Committee in Mechanical Engineering (Science and Technology) held on 02/08/2022. The decision/s of Research & Recognition Committee are as follows :

Sr.No.	Name of the candidate & Name of the Guide	Remarks
1.	Dattu Balu Ghane Guide : Dr. Wakchaure Vishnu Damodhar 	Topic Approved and Admitted w.e.f. 09/05/2022 as follows :- Design and optimization of micro wind turbine for low speed applications

Please comply with the directions of Research & Recognition Committee and University Communicate to this office at the earliest.

Thanking You,

Yours faithfully,

**Assistant Registrar
(P.G.Admissions)**

Copy to :

1. Mr./Ms. Dattu Balu Ghane
Amrutvahini Sheti And Shikshan Vikas Sanstha Amrutvahini Engineering College Addr: PO Sangamner SK sangmaner Ta: Sangamner Dist: Ahmednagar
2. Dr.Wakchaure Vishnu Damodhar
Amrutvahini Sheti And Shikshan Vikas Sanstha Amrutvahini Engineering College Addr: PO Sangamner SK sangmaner Ta: Sangamner Dist: Ahmednagar

1571
22/06/2021

Savitribai Phule Pune University
(Formerly University of Pune)



Telephone Nos. : 020 - 25621205
25621216

Ganeshkhind ,
Pune - 411 007.
Email: pgadmis@pun.unipune.ac.in

Ref. No. : PGS/Ph.d/

1967

Date: 14 MAY 2021

To,
The Principal,
Amrutvahini College of Engineering, Sangamner,
Amrutnagar, Sangamner- 422 608
Dist: Ahmednagar.

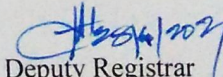
Sir/Madam,

The Ph.D. cases forwarded by the Centre were place before the Research and Recognition Committee meeting in the subject **Mechanical Engineering (Science and Technology)**, held on **12/01/2021**. The decisions of the Research & Recognition Committee are as follows.

Sr. No.	Name of the candidate & Name of the Guide	Remarks
1.	Mr. Gite Ravindra Eknath Guide : Prof. Dr. V. D. Wakchaure	Topic Approved & Admitted w.e.f. 29/08/2020 as follows: "Investigating the Performance of Cryotreated AISi10Mg Additively Manufactured Product."

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Yours Faithfully,


Deputy Registrar
(P. G. Admissions)

Handwritten notes:
HOD mech -
re - 22/6/21
Send a copy to:
① Registrar
② Student Section
③ A/c dept

Savitribai Phule Pune University

(formerly University of Pune)



Telephone Nos.: 25601261/62

Fax: 020-25699232

Ganeshkhind, Pune- 411 007.

Email : pgadmis@pun.unipune.ac.in

Ref. No.: PGS/ 4591

Date: 23 NOV 2016

To,
The Principal,
Amrutvahini College of Engineering,
Sangamner – 422 608, Dist. Ahmednagar.

Sir/Madam,

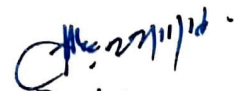
The Ph. D. Cases forwarded by the Centre were placed before the Research and Recognition Committee in the subject **Mechanical Engineering (Engineering)**, held on 16/09/2016. The decision/s of the Research & Recognition committee is/are as follows.

Sr. No.	Name of the Candidate & Name of the Guide	Remarks
1.	Mr. Siraskar Gulab Dattrao Guide : Dr. R. S. Jahagirdar	Topic approved & admitted w. e. f. 26/08/2016 : “Experimental Investigation of Internal Combustion Engine Performance Parameter for Cotton Seed Oil as a Lubricant and Development of Mathematical Model for Exhaust Emission.”

Please comply with the directions of the Research & Recognition Committee and communicate to this office at the earliest.

Thanking You,

Yours,


Dy. Registrar
(Admissions)

Prof. Aher
Ph.D. coordinator
San. N. A.
Admitted
20/11/16

Savitribai Phule Pune University
(Formerly University of Pune)



Telephone Nos. : 25601260/1261
25690062

Ganeshkhind, Pune - 411 007.

Fax : 020 - 2569232

Ref. No. : *PGS/269*

Date : *18 JAN 2020*

To,
Mr. Siraskar Gulab Dattarao
Dept. of Mechanical Engineering
Amrutvahini College of Engineering,
Sangamner 422605, Dist. Ahmednagar.

Sub. : Change of Research Guide for Ph.D. Course

Sir/Madam,

With reference to your application dated 23/12/2019 on the above subject, I am directed to inform you that on the behalf of the R & R Committee permitted you to complete your Doctoral Research in the subject of **Mechanical Engineering** under the guidance of **Dr. V.D. Wakchaure** & Co-guide **Dr. R.S. Jahagirdar**.

Please note that as per rules, you will have to work under his guidance for a minimum period of one calendar year before submission of your thesis.

[Signature]
Dy. Registrar,
Admission

- Copy : 1. **Dr. V.D. Wakchaure** (Research Guide)
&
2. **Dr. R.S. Jahagirdar** (Research Co-guide)
Dept. of Mechanical Engineering
Amrutvahini College of Engineering,
Sangamner 422605, Dist. Ahmednagar.
3. **The Principal,**
Amrutvahini College of Engineering,
Sangamner 422605, Dist. Ahmednagar.

Prof. VS A

for record

[Signature] 18/1/20