



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

Dr. M. B. B.

----- *Syotiba Bhalchandra Gujar* -----
Student of ----- *Govt. College of Engineering, Aurangabad* -----
who has been found duly qualified for the Degree of
Doctor of Philosophy (----- *Civil Engineering* -----)

The Degree of

Doctor of Philosophy
(----- *Civil Engineering* -----)

has been conferred on ----- *Sion* ----- at Aurangabad, on the
----- *teneth* ----- day of the month of ----- *March* ----- in the year
----- *Two thousand Thirteen* -----

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

Date of Notification *30th January 2012.*
Place: Aurangabad
Date of issue of the
Degree Certificate -----

M. Pandharipande
Vice-Chancellor

Savitribai Phule Pune University

(Formerly University of Pune)



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Fax No : 25691233

ACADEMIC SECTION

Ganeshkhind, PUNE-411 007

Ref. No: BUTR/Engineering/40/180

Date: 16/03/2017

To

Dr.Jyotiba Bhalechandra Gurav
Amrutvahini Sheti and Shikshan Vikas
Sanstha's, Amrutvahini College of
Engineering, P.O.Sangmaner S.K.-422608
Ahmednagar

Subject : Recognition as a Ph.D Guide

Sir,

Please refer to your application for Recognition as a Ph.D Guide of Savitribai Phule Pune University, I am directed to inform you that the University authorities have been pleased to recognize you as a Ph.D Guide of this University under the provision of Section 36A of the Maharashtra Universities Act, 1994.

The details of your recognition are as under :

1. You have been recognized to guide **Ph. D. Scholars** in the subject of **Civil Engineering** for the period of eight (8) years with effect from **25-02-2017** to **24-02-2025** 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) Ph.D Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D Degree) Regulations 2016.
- ii) If you have made the application for Ph.D Research Guideship through the Affiliated College/ Recognized Institute/Research Institute, where you are permanently approved teacher of the University, then it is essential to have affiliation of this University to the post Graduate subject for which you have applied for Ph.D Research Guideship.
- iii) a) If the affiliation/Recognition granted by the university to the said Post Graduate subject 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.
b) In case of research Institute, it should be recognized by the University for the subject for which you are recognized as Ph.D Research Guide.



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If the recognition granted by the University to your Research Institute gets over then your recognition as an Ph.D Research Guide will be treated as cancelled from the date on which the recognition to your Research Institute gets over.

- iv) In case of those 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 Ph.D Guide of Savitribai Phule Pune University.
- v) No fresh Ph.D 'Research Students' should be registered with 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 U.G.C. 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 fwcs to :

1. The Dean, Faculty of Engineering.
2. The Principal / Director/Head, Amrutvahini Sheti and Shikshan Vikas Sanstha's, Amrutvahini College of Engineering, P.O. Sangmaner S.K.-422608, Ahmednagar.
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.

Submission of Research Proposal

Topic of Research: "MULTI-CRITERION IRRIGATION PLANNING
UNDER FUZZY ENVIRONMENT WITH CHANGING
CLIMATE"

Name of Research Scholar: Mr. Prashant Kishor Nawale

Name of Guide: Dr. Jyotiba Bhalchandra Gurav
Professor and Head,
Department of Civil Engineering,
Amrutvahini College of Engineering
Sangamner (S.K.) – 422 608

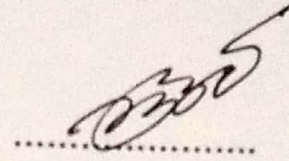
Research Centre: Department of Civil Engineering,
Sanjivani Rural Education Society's,
Sanjivani College of Engineering,
Kopargoan – 423 603

**Savitribai Phule Pune University,
Ganeshkhind, Pune, Maharashtra- 411 007**

Academic Year: 2017-2018

- [58] C. Zhang and P. Guo, "FLFP: A fuzzy linear fractional programming approach with double-sided fuzziness for optimal irrigation water allocation," *Agric. Water Manag.*, vol. 199, pp. 105–119, 2018.

1. Research Guide: Dr. Jyotiba Bhalchandra Gurav



2. Research Scholar: Mr. Prashant Kishor Nawale

