



**Maratha Vidya Prasarak Samaj**

**G. M. D. Arts, B. W. Commerce and Science College, Sinnar, Dist. Nashik**

**Affiliated to Savitribai Phule Pune University, Pune**

**Best College Awarded by SPPU2012-13**

**Id.No.PU/NS/ASC/013/1969**

**AISHE:C-41292**

**www.gmdcollege.in**

**ISO 9001:2015 Certified College**

**sinnarcollege001@yahoo.com**

## **INTERNAL QUALITY ASSURANCE CELL**

### **CRITERION 3: RESEARCH, INNOVATIONS AND EXTENSION**

**3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**



**Innovation Ecosystem**



**Maratha Vidya Prasarak Samaj**  
**G. M. D. Arts, B. W. Commerce and Science College,**  
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NAAC Reaccredited 'B++'

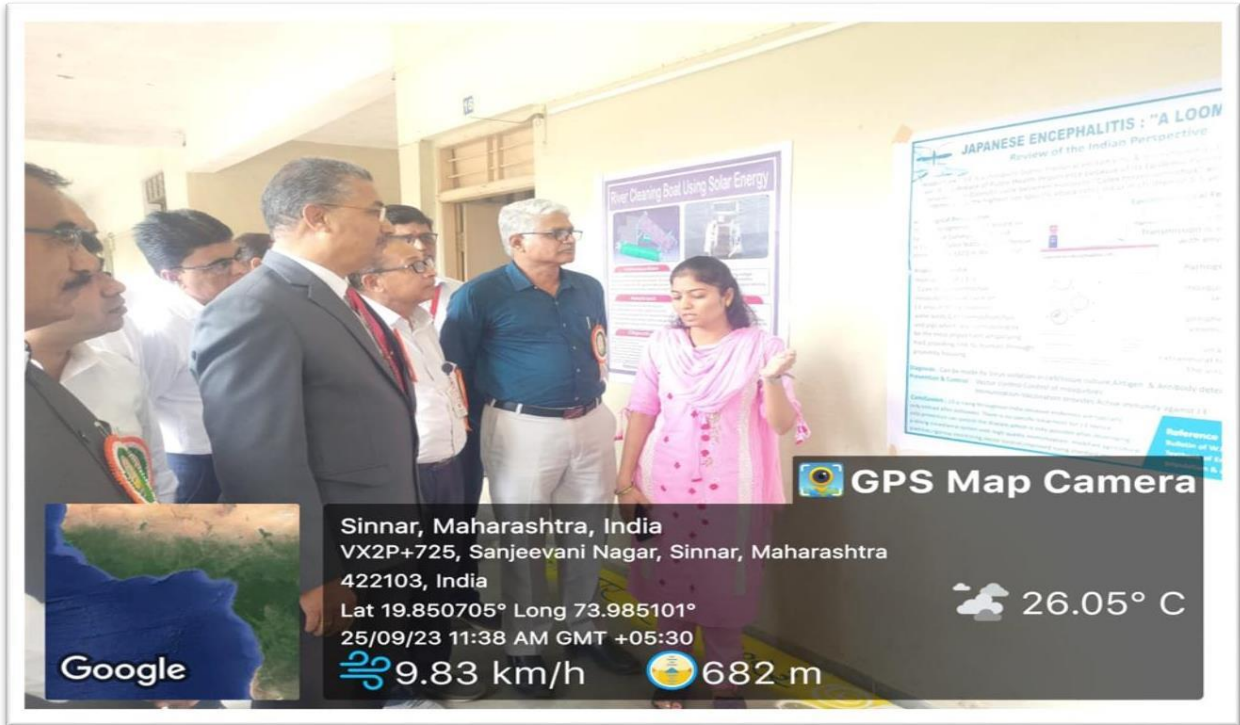
AISHE:C-41292

[sinnarcollege001@yahoo.com](mailto:sinnarcollege001@yahoo.com)

**YEAR – 2023-2024**

Sr. No	Name of Innovations	Page No.
1	Avishkar competition	1
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# Avishkar Competition



# Guest Lecture

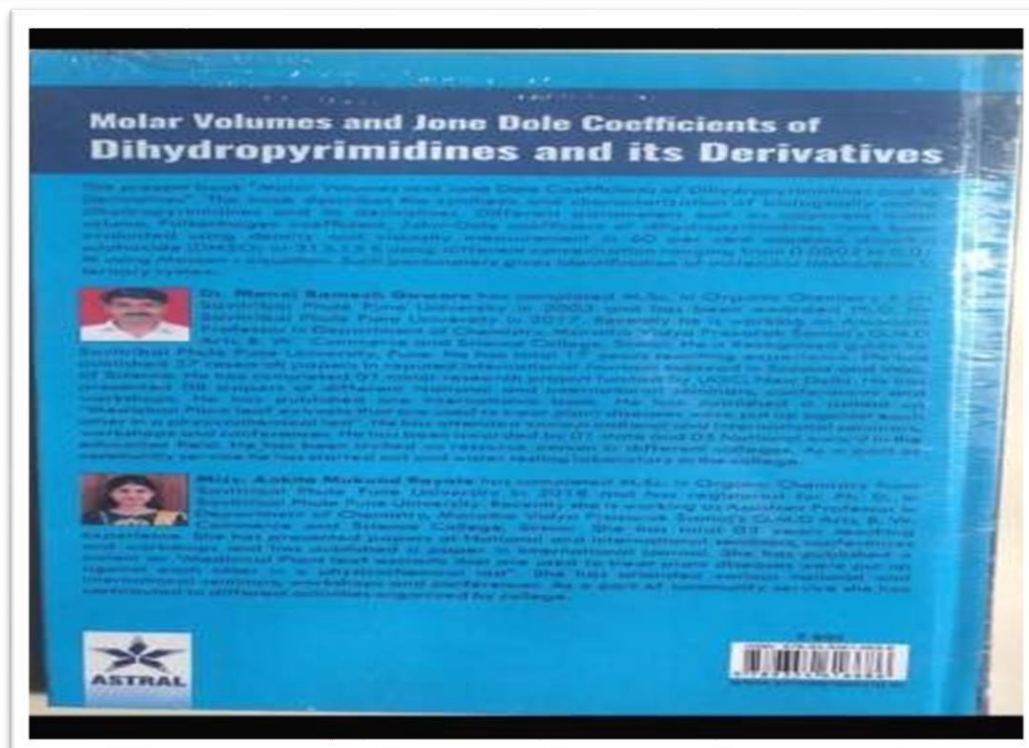
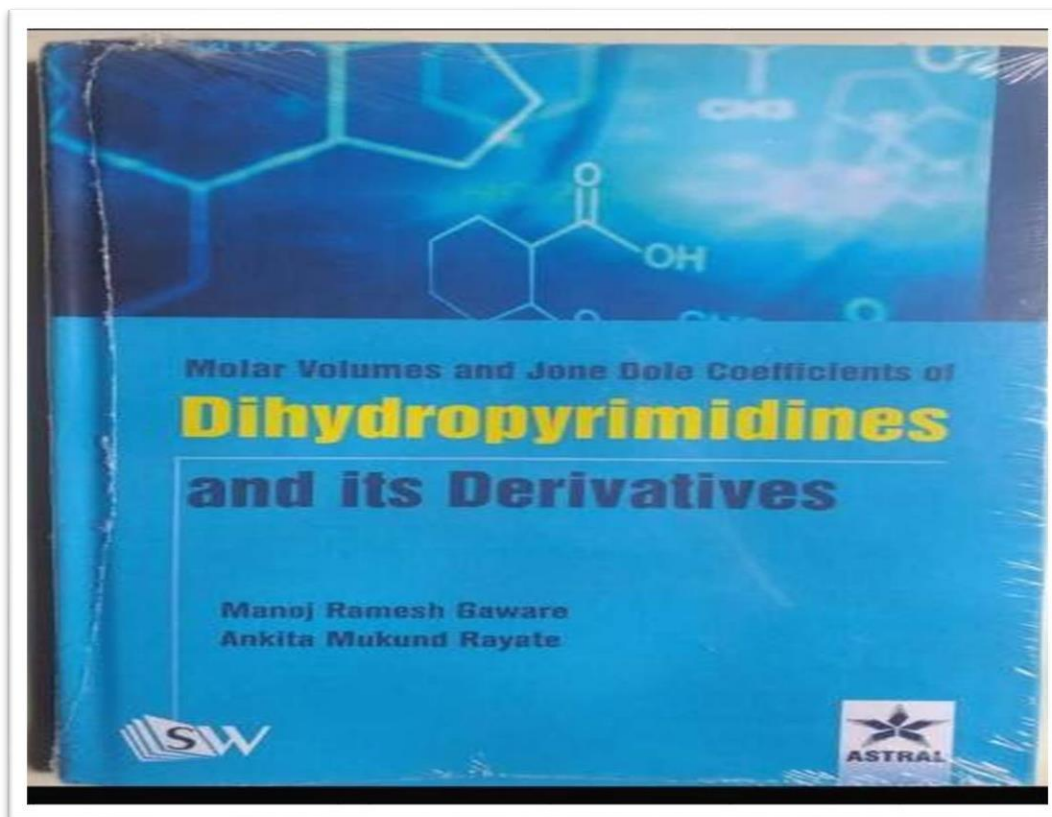




# Herbarium sheets



# Book Published



## Research Methodology Seminar




## Intellectual Property Right Seminar






# Research project Application by Staff

Savitribai Phule Pune University  
Ganeshkhind - 411007



**ASPIRE**  
Assistance by SPFO for Project based Academic Research

  
 21MGM000332

**Part- A**

Principal Investigator Information :						
Name						
Santosh Sachdev, Taxwadi						
Gender	Male	Date of Birth	16/05/1982	Designation	Assistant Professor	Age
39						
Approval Details :						
Approval Type	Approval No.	Approval date	Designation		Valid from to Valid upto	
Permanent	CCO-1718	05/06/2014	Assistant Professor		01/03/2014 to 05/01/2021	
Academic Qualification :						
Course	Institute / College		University	Passing Year	Percentage	Class Obtained
M.Phil.	KTHM COLLEGE NASHIK		YCMOU NASHIK	December-2013	51.87	Pass Class
M.Com.	KTHM COLLEGE NASHIK		Savitribai Phule University of Pune	June-2004	60	First Class
B.Com.	KTHM COLLEGE NASHIK		Savitribai Phule University of Pune	June-2002	57	Higher Second Class
Diploma	MVP LAW COLLEGE NASHIK		Savitribai Phule University of Pune	May-2008	53.6	Pass Class
PhD Degree Status	NO	Ph.D Date	NA	Title of Thesis: NA		
Project Information :						
Project Title		Study of marketing strategies & investors awareness programs conducted by Ventura Securities Limited. (With special reference to Nashik zone for the period 2018-2021)				
Faculty		Commerce and Management				
Board of Studies		Business Administration				
Area of Specialization		share market				
Project Category		Basic Research				
Name & Address of College/Institute/University Department		Marathi Vidya Prasarak Samaj GMD Arts BW Commerce and Science College Adfr: Simar Ta: Simar Dist: Nashik Simar Ta: Simar Dist: Nashik Pincode: 422103				
Publication Details(Selected : 5 publications are shown here) :						
JournalName	Volume	Issue No	Publisher	Year	Pages	
Patent Details(Selected : 5 Patent are shown here) :						
Title	Patent No	Year	Assignee	Country	Pages	
Research Projects :						
Investigator Name	Faculty	Project Title	Funding Agency	From Date	To Date	Type

Page 1 of 4
1/3/2021 6:17:38 PM



Part: A

**Certificate from the Investigators (PI & co-PIs)**


**Project Title: Study of marketing strategies & investors awareness programs conducted by Ventura Securities Limited. (With special reference to Nasik zone for the period 2018-2021)**


It is certified that,

1. The same project proposal has not been submitted to any other agency for financial support.
2. The research work proposed in the scheme/project is not a duplicate or does not have a significant overlap with the work already done or being carried out elsewhere on the same topic.
3. The proposal in part or full is free from plagiarism and conforms to all ethical norms of the University.
4. The date of commencement of project will be the date on which the University Department/College/Institute receives the grant from the University.
5. The grant sanctioned by the University will only be used to meet the expenditure on the project and for the stipulated period as mentioned in the sanction order.
6. The equipment procured in the project will be made available to others as per directives of the University.
7. The University Department/College/Institute will provide basic infrastructure and other required facilities to the investigator for undertaking the research project.
8. The University Department/College/Institute will support the PI/Co-PI for smooth conduct of the project.
9. The terms and conditions for submission of progress reports, utilization certificate, statement of expenditure, final report and any other document will be in accordance to the rules of ASPIRE.
10. Intellectual property (IP) generated in this project will be shared and governed by the existing norms of the University.
11. In the unforeseen event of discontinuance of the project by the PI, the Co-PI (if any) will assume the responsibility for the fruitful completion of the project.
12. The entire funding amount along with the due interest will be refunded to the University in case the project is discontinued or remains incomplete for any reason whatsoever.
13. The project work will be governed by the rules and regulations of the University as amended from time to time.
14. In case of any dispute, the decision of University authorities will be final.

  
Principal Investigator  
(Name and Signature)  
[Dr. Mahadev S. S.]

  
Co-Investigator  
(Name and Signature)  
[Dr. Mahadev S. S.]

  
Academic and Research Coordinator  
(Name and Signature)  
[Dr. M. K. S.]

  
Principal  
(Signature)  
U. M. J. P. M., B. W. Commerce and  
Science College, Sinnar, Dist. Nashik

NOTE: Please Print 'Part A' and upload a scanned PDF of Part A, duly signed and stamped

## MOUs

Sr.No.	Name of the MoUs	Document Link
01	District Collector Office Nashik	<a href="https://www.gmdcollege.in/assets/images/banner/4Zb19D_Ib86q1_37M149_13jWU2_822183.MOU%202023">https://www.gmdcollege.in/assets/images/banner/4Zb19D_Ib86q1_37M149_13jWU2_822183.MOU%202023</a>
02	Tahasil Office Sinnar	<a href="https://www.gmdcollege.in/assets/images/banner/1Rt7Gd_c1m0N3_c0Ur2w_4HRY73_880798.pdf">https://www.gmdcollege.in/assets/images/banner/1Rt7Gd_c1m0N3_c0Ur2w_4HRY73_880798.pdf</a>
03	Art's Commerce College ,Dodi, Sinnar	<a href="https://www.gmdcollege.in/assets/images/banner/89V3iC_5Oe02S_40MWtQ_fHJ1zQ_853621.pdf">https://www.gmdcollege.in/assets/images/banner/89V3iC_5Oe02S_40MWtQ_fHJ1zQ_853621.pdf</a>
04	Krushidhan Soil And Water Testing Center, Gonde (Represented By Prof. Rishikesh)	<a href="https://www.gmdcollege.in/assets/images/banner/p91K6j_1xYqg5_7RqzD1_76p29j_377001.jpeg">https://www.gmdcollege.in/assets/images/banner/p91K6j_1xYqg5_7RqzD1_76p29j_377001.jpeg</a>
05	Nilaya Foundation & Nilaya Education Group, Pune	<a href="https://www.gmdcollege.in/assets/images/banner/IAfFNH_35i6Eh_am3zI4_etFV8y_931961.pdf">https://www.gmdcollege.in/assets/images/banner/IAfFNH_35i6Eh_am3zI4_etFV8y_931961.pdf</a>
06	M/S. Yash Industries , Midc, Sinnar	<a href="https://www.gmdcollege.in/assets/images/banner/IAfFNH_35i6Eh_am3zI4_etFV8y_931961.pdf">https://www.gmdcollege.in/assets/images/banner/IAfFNH_35i6Eh_am3zI4_etFV8y_931961.pdf</a>
07	Credence Fine Chem, Sinnar	<a href="https://www.gmdcollege.in/assets/images/banner/F1ZS58_mKS20e_UvXhNH_b8hIoz_710917.pdf">https://www.gmdcollege.in/assets/images/banner/F1ZS58_mKS20e_UvXhNH_b8hIoz_710917.pdf</a>
08	Arni Analytics	<a href="https://www.gmdcollege.in/assets/images/banner/i1v1K6_10j654_jEDW1Z_0FY71S_060946.pdf">https://www.gmdcollege.in/assets/images/banner/i1v1K6_10j654_jEDW1Z_0FY71S_060946.pdf</a>
09	Yash Industries	<a href="https://www.gmdcollege.in/assets/images/banner/5A3JEN_j8zxbr_W56sX5_KDZ7lo_711676.pdf">https://www.gmdcollege.in/assets/images/banner/5A3JEN_j8zxbr_W56sX5_KDZ7lo_711676.pdf</a>
10	Graphinnovat India Private Ltd	<a href="https://www.gmdcollege.in/assets/images/banner/uXwYfL_1Eh1p6_Pe026u_1P5QAW_510711.pdf">https://www.gmdcollege.in/assets/images/banner/uXwYfL_1Eh1p6_Pe026u_1P5QAW_510711.pdf</a>

11	Baswant Honeybee Park & Training Center, Mukhed Road, Pimpalgaon Baswant, Tal- Niphad	<a href="https://www.gmdcollege.in/assets/images/banner/bo7523_I84s5j_yl4GIM_uf1gXT_403767.pdf">https://www.gmdcollege.in/assets/images/banner/bo7523_I84s5j_yl4GIM_uf1gXT_403767.pdf</a>
12	Excelr Raising Excellence- Excelr Solution, Bengaluru Karnataka	<a href="https://www.gmdcollege.in/assets/images/banner/V2r384_9CGMaK_4ZsmiQ_FAzf5G_468134.pdf">https://www.gmdcollege.in/assets/images/banner/V2r384_9CGMaK_4ZsmiQ_FAzf5G_468134.pdf</a>
13	Delnet Developing Library Network	<a href="https://www.gmdcollege.in/assets/images/banner/WsJPI3_3hJ1I8_Bs8wOV_s43EqL_973633.pdf">https://www.gmdcollege.in/assets/images/banner/WsJPI3_3hJ1I8_Bs8wOV_s43EqL_973633.pdf</a>
14	Kusumagraz Pratishtan, Gangapur Road ,Nashik	<a href="https://www.gmdcollege.in/assets/images/banner/A5yRCv_yqKff0_nwWJ61_1I9I4S_936381.pdf">https://www.gmdcollege.in/assets/images/banner/A5yRCv_yqKff0_nwWJ61_1I9I4S_936381.pdf</a>
15	Center Of Excellence	<a href="https://www.gmdcollege.in/assets/images/banner/48Klaj_0Yh9O3_J4uETU_fG49wl_021791.pdf">https://www.gmdcollege.in/assets/images/banner/48Klaj_0Yh9O3_J4uETU_fG49wl_021791.pdf</a>
16	GRACE EDUNET For Skill India Programme	<a href="https://www.gmdcollege.in/assets/images/banner/LmD20G_5SUbFD_8U4572_X66rN1_379723.pdf">https://www.gmdcollege.in/assets/images/banner/LmD20G_5SUbFD_8U4572_X66rN1_379723.pdf</a>
17	Add On Course	<a href="https://www.gmdcollege.in/assets/images/banner/KRBb9w_9PUObr_8M3wUW_4NvP4D_599730.pdf">https://www.gmdcollege.in/assets/images/banner/KRBb9w_9PUObr_8M3wUW_4NvP4D_599730.pdf</a>
18	District Skill Development Department	<a href="https://www.gmdcollege.in/assets/images/banner/0TxkaJ_RX2FTk_AH2FWn_93BZ41_533471.pdf">https://www.gmdcollege.in/assets/images/banner/0TxkaJ_RX2FTk_AH2FWn_93BZ41_533471.pdf</a>

  
**CO-ORDINATOR**  
 IQAC  
 G.M.D. Arts, B.W. Commerce  
 And Science College, Sinnar



  
**Principal**  
 G. M. D. Arts, B. W. Commerce and  
 Science College, Sinnar, Dist. Nashik

# Nisarg Mandal



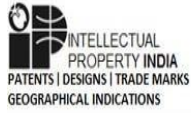








# Patent Publication



Controller General of Patents, Designs and Trademark  
Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

## Design Application Details

**Application Number:** 409222-001  
**Cbr Number:** 203482  
**Cbr Date:** 01/03/2024 14:07:00  
**Applicant Name:**  
1. MISS. ANKITA MUKUND RAYATE  
2. PROF. (DR.) MANOJ RAMESH GAWARE

## Design Application Status

**Application Status:** Design Accepted and Published, Journal No is 28/2024 and Journal Date is 12/07/2024

[Back](#)

# Ph.D Guide Letter



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/Humanities/04/993

Date: 21 /09 /2018

To

Dr.Pundlik Vitthal Rasal  
Maratha Vidya Prasarak Samaj's  
K.G.D.M. Arts, Commerce  
Science College Niphad  
Dist Nashik-422303

**Subject : Recognition as a M.Phil & Ph.D Research Guide**

Sir,

Please refer to your application for Recognition as a M.Phil & 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 M.Phil & 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 for guiding and teaching **M.Phil. (by Research)** under the faculty of **Humanities** in the subject of **Psychology** for the period from **07-09-2018** to **16-01-2025**.
2. You have been recognized to guide **Ph. D.** Scholars under the faculty of **Humanities** in the subject of **Psychology** for the period from (continuation) **27-08-2018** to **16-01-2025** with following particulars;
  - i) Three (3) M.Phil. and Eight (8) Ph. D. Scholars, if you are a Professor.
  - ii) Two (2) M. Phil. and Six (6) Ph.D. Scholars, if you are an Associate Professor.
  - iii) One (1) M. Phil. and Four (4) Ph.D. Scholar 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.  
b) 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.

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- 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.

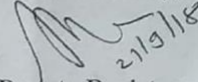
In addition to the above conditions, it is essential to mention the name of 'Savitribai Phule Pune University' in author's address in the Publications made by you and your students.

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 fwcs to :**

1. The Dean, Faculty of Humanities.
2. The Principal / Director/Head, Maratha Vidya Prasarak Samaj's K.G.D.M. Arts, Commerce Science College Niphad Dist Nashik-422303
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.



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

Telephone No: 25621171/1174  
E-mail : rr@unipune.ac.in  
Telegraph : 'UNIPUNE'  
Fax No : 25691233



**ACADEMIC SECTION**  
**Ganeshkhind, PUNE-411 007**

**Ref. No:** BOD/Sci. & Tech./22/143

**Date:** 16/07/2021

**To**

Dr. Manoj Ramesh Gaware  
Maratha Vidya Prasarak Samaj K.P.G. Arts  
Commerce & Science College Igatpuri Addr:  
Near Take-Ghoti Mumbai-Agra Road Igatpuri  
Ta: Igatpuri Dist: Nashik Pincode :422403

**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 **Chemistry** with effect from **24-06-2021** to till your age of superannuation or you are ceased to be in service of the Affiliated College/ 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 **Chemistry** for with effect from **24-06-2021** to **23-06-2029** with following particulars;

i) Six (6) Ph. D. Scholars, if you are an Associate 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.  
b) 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,



(M.V. Rasve)  
Deputy Registrar  
Academic Section

**Copy fives to :**

1. The Dean, Faculty of Science and Technology.
2. The Principal, Maratha Vidya Prasarak Samaj K.P.G. Arts Commerce & Science College Igatpuri Addr: Near Take-Ghoti Mumbai-Agra Road Igatpuri Ta: Igatpuri Dist: Nashik.
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.





INT102100009

# Savitribai Phule Pune University

(Formerly University of Pune)

Telephone No: 25621171/1174  
E-mail : rr@unipune.ac.in  
Telegraph : 'UNIPUNE'  
Fax No : 25691233



ACADEMIC SECTION  
Ganeshkhind, PUNE-411 007

Ref. No: BOD/Interdisciplinary/06/38

Date: 17/03/2022

To

Dr.Subhash Bandu Ahire  
Maratha Vidya Prasarak Samaj GMD Arts  
BW Commerce and Science College Addr:  
Sinner Ta: Sinnar Dist: Nashik Pincode  
:422103

### Subject : Recognition as a Post Graduate Teacher, M.Phil. & Ph.D. Research Guide

Sir,

Please refer to your application for Recognition as a Post Graduate Teacher, M.Phil. & 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, M.Phil. & 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 :

Designation	Faculty	Subject	Recognition on	Duration	No. of Students Allowed
Librarian	Interdisciplinary	Library & Information Science	P. G. Teacher M.Phil. By Paper M.Phil. By Research Ph.D. Guide	w.e.f. 17-12-2021 w.e.f. 17-12-2021 w.e.f. 17-12-2021 w.e.f. 17-12-2021 To 31/05/2041(To Superannuation)	4 - Ph.D., 1 - M. Phil.

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./M.Phil Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D./M.Phil 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.  
b) In case of Research Institute, it should be recognized by the University for the subject for which you are recognized as Ph.D./M.Phil Research Guide.
- iii) No fresh Ph.D./M.Phil 'Research Students' should be registered with Ph.D./M.Phil Research Guides whose length of service as a regular faculty is left not more than one year and in such case you have to compulsorily assign Co- guide to the Research Students working under you.



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.

- iv) If you change the existing College/ Institute, after getting University teacher approval, you have to apply online for address change.

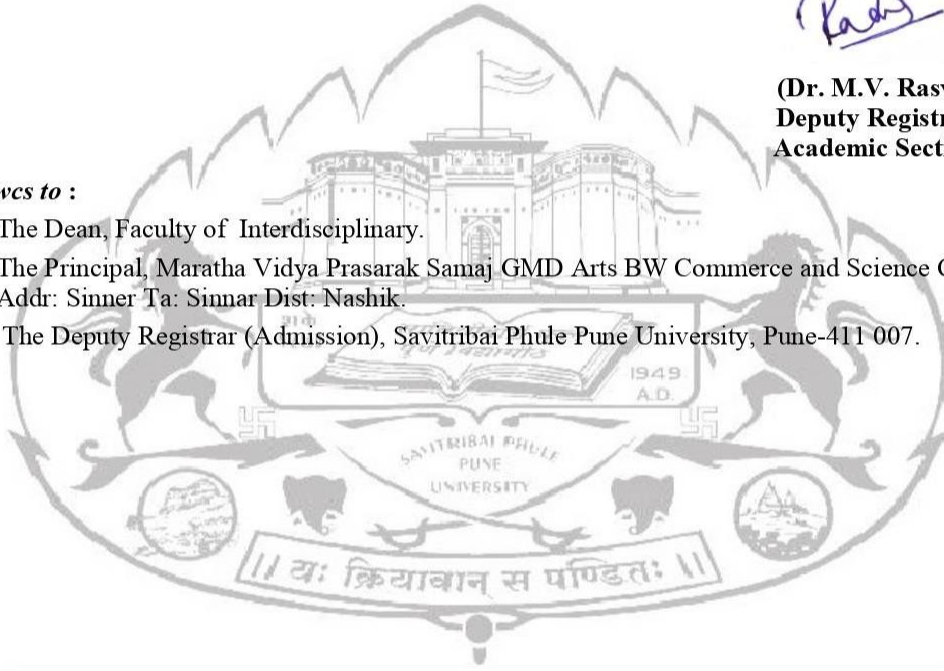
Yours,



**(Dr. M.V. Rasve)**  
**Deputy Registrar**  
**Academic Section**

**Copy fwcs to :**

1. The Dean, Faculty of Interdisciplinary.
2. The Principal, Maratha Vidya Prasarak Samaj GMD Arts BW Commerce and Science College  
Addr: Sinner Ta: Sinnar Dist: Nashik.
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.





COM72100113

**Savitribai Phule Pune University**

(Formerly University of Pune)

Telephone No: 25621171/1174

E-mail : rr@unipune.ac.in

Telegraph : 'UNIPUNE'

Fax No : 25691233

**ACADEMIC SECTION****Ganeshkhind, PUNE-411 007****Ref. No:** BOD/Comm. & Mgmt./01/83**Date:** 04/03/2022**To**

Dr. Ganesh Raosaheb Patil  
Maratha Vidya Prasarak Samaj GMD Arts  
BW Commerce and Science College Addr:  
Sinner Ta: Sinnar Dist: Nashik Pincode  
:422103

**Subject : Recognition as a Post Graduate Teacher, M.Phil. & Ph.D. Research Guide**

Sir,

Please refer to your application for Recognition as a Post Graduate Teacher, M.Phil. & 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, M.Phil. & 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 :*

Designation	Faculty	Subject	Recognition on	Duration	No. of Students Allowed
Assistant Professor	Commerce and Management	Marketing	P. G. Teacher M.Phil. By Paper M.Phil. By Research Ph.D. Guide	w.e.f. 28-02-2022 w.e.f. 28-02-2022 w.e.f. 28-02-2022 w.e.f. 28-02-2022 To 15/06/2038(To Superannuation)	4 - Ph.D., 1 - M. Phil.

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./M.Phil Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D./M.Phil 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.  
b) In case of Research Institute, it should be recognized by the University for the subject for which you are recognized as Ph.D./M.Phil Research Guide.
- iii) No fresh Ph.D./M.Phil 'Research Students' should be registered with Ph.D./M.Phil Research Guides whose length of service as a regular faculty is left not more than one year and in such case you have to compulsorily assign Co- guide to the Research Students working under you.

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.

- iv) If you change the existing College/ Institute, after getting University teacher approval, you have to apply online for address change.

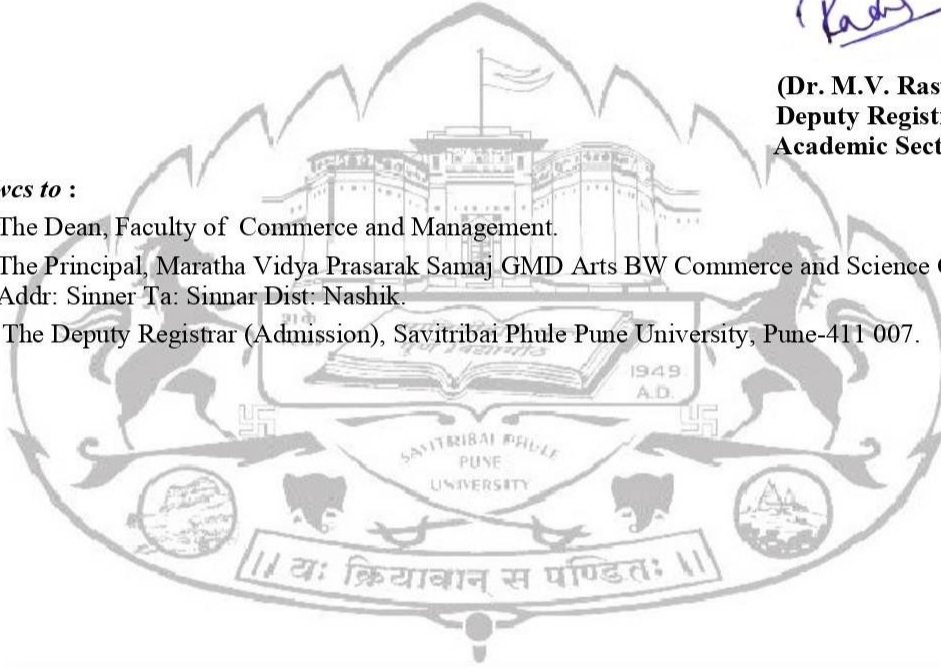
Yours,



**(Dr. M.V. Rasve)**  
**Deputy Registrar**  
**Academic Section**

**Copy fwcs to :**

1. The Dean, Faculty of Commerce and Management.
2. The Principal, Maratha Vidya Prasarak Samaj GMD Arts BW Commerce and Science College  
Addr: Sinner Ta: Sinnar Dist: Nashik.
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.







HUM92100039

**Savitribai Phule Pune University**

(Formerly University of Pune)

Telephone No: 25621171/1174

E-mail : rr@unipune.ac.in

Telegraph : 'UNIPUNE'

Fax No : 25691233



ACADEMIC SECTION

Ganeshkhind, PUNE-411 007

Ref. No: BOD/Humanities/23/207

Date: 26/05/2022

**To**

Dr.Rajendra Dilip Agwane  
Maratha Vidya Prasarak Samaj GMD Arts  
BW Commerce and Science College Addr:  
Sinner Ta: Sinnar Dist: Nashik Pincode  
:422103

**Subject : Recognition as a M.Phil.(by Papers & Research) & Ph.D. Research Guide**

Sir,

Please refer to your application for Recognition as a M.Phil.(by Papers & Research) & 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 M.Phil.(by Papers & Research) & 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 :*

Designation	Faculty	Subject	Recognition on	Duration	No. of Students Allowed
Assistant Professor	Humanities	Political Science and Public Administration	M.Phil. By Paper M.Phil. By Research Ph.D.Guide	w.e.f. 18-05-2022 w.e.f. 18-05-2022 w.e.f. 18-05-2022 To 04/10/2042(To Superannuation)	4 - Ph.D., 1 - M. Phil.

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./M.Phil Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D./M.Phil 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.  
b) In case of Research Institute, it should be recognized by the University for the subject for which you are recognized as Ph.D./M.Phil Research Guide.
- iii) No fresh Ph.D./M.Phil 'Research Students' should be registered with Ph.D./M.Phil Research Guides whose length of service as a regular faculty is left not more than one year and in such case you have to compulsorily assign Co- guide to the Research Students working under you.

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.

- iv) If you change the existing College/ Institute, after getting University teacher approval, you have to apply online for address change.

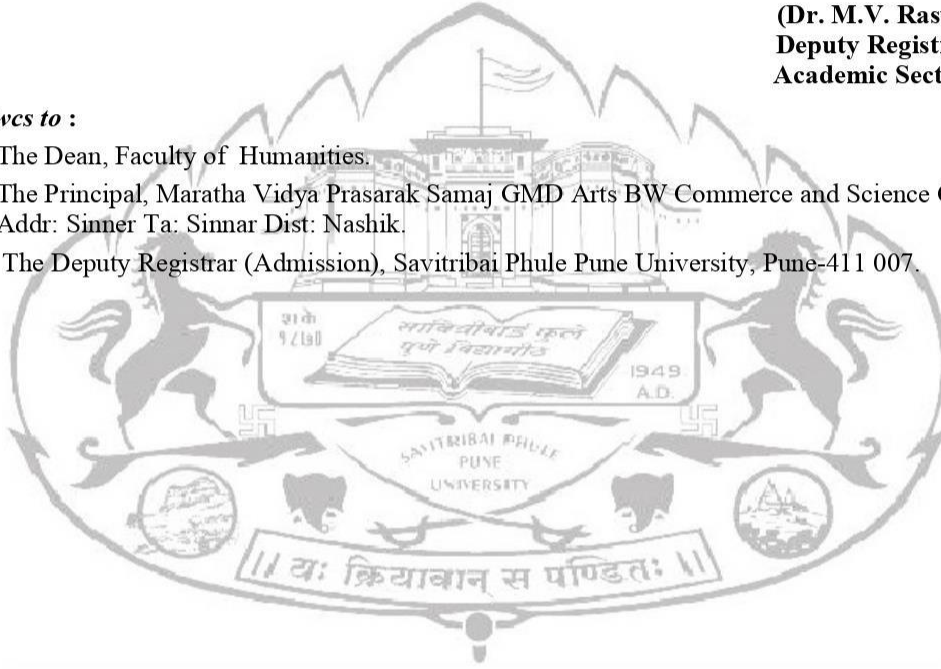
Yours,



**(Dr. M.V. Rasve)**  
**Deputy Registrar**  
**Academic Section**

**Copy fives to :**

1. The Dean, Faculty of Humanities.
2. The Principal, Maratha Vidya Prasarak Samaj GMD Arts BW Commerce and Science College  
Addr: Sinner Ta: Simnar Dist: Nashik.
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.





SCT12200207

**Savitribai Phule Pune University**

(Formerly University of Pune)

Telephone No: 25621171/1174

E-mail : rr@unipune.ac.in

Telegraph : 'UNIPUNE'

Fax No : 25691233

**ACADEMIC SECTION  
Ganeshkhind, PUNE-411 007****Ref. No:** BOD/Sci. & Tech./05/255**Date:** 01/08/2022**To**

Dr.Bhagwat Walmik Chavare  
 Maratha Vidya Prasarak Samaj Arts  
 Commerce and Science College Nandgaon  
 Addr: At-Post- Nandgaon Malegaon Road Ta:  
 Nandgaon Dist: Nashik Pincode :423106

**Subject : Recognition as a Ph.D. Research Guide**

Sir,

Please refer to your application for Recognition as a 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 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 :**

Designation	Faculty	Subject	Recognition on	Duration	No. of Students Allowed
Assistant Professor	Science and Technology	Botany	Ph.D.Guide	w.e.f. 05-07-2022 To 02/09/2042(To Superannuation)	4 - Ph.D.

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./M.Phil Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D./M.Phil 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.  
 b) In case of Research Institute, it should be recognized by the University for the subject for which you are recognized as Ph.D./M.Phil Research Guide.
- iii) No fresh Ph.D./M.Phil 'Research Students' should be registered with Ph.D./M.Phil Research Guides whose length of service as a regular faculty is left not more than one year and in such case you have to compulsorily assign Co- guide to the Research Students working under you.

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.

- iv) If you change the existing College/ Institute, after getting University teacher approval, you have to apply online for address change.

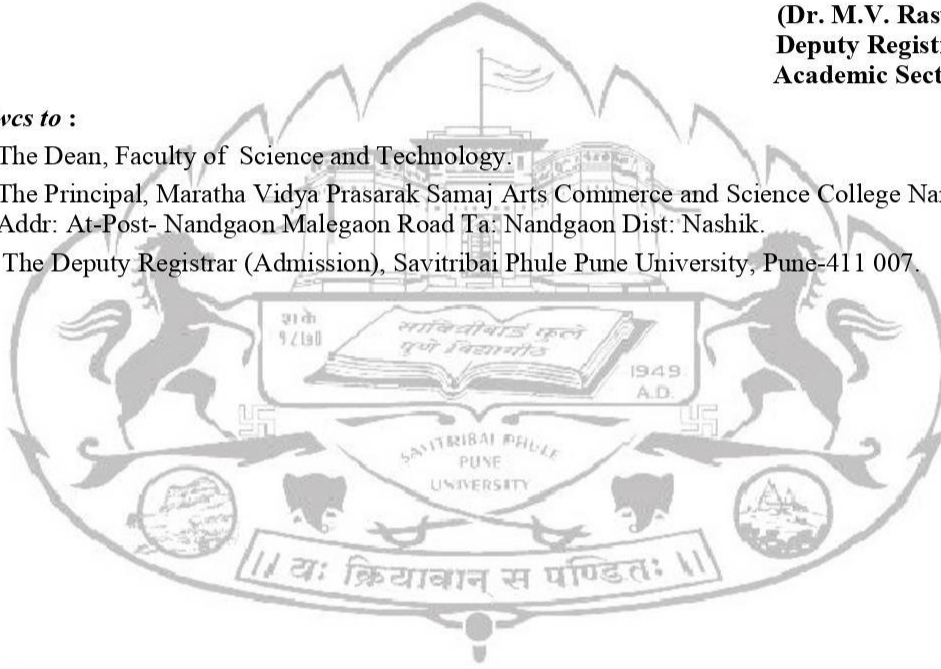
Yours,



**(Dr. M.V. Rasve)**  
**Deputy Registrar**  
**Academic Section**

**Copy fives to :**

1. The Dean, Faculty of Science and Technology.
2. The Principal, Maratha Vidya Prasarak Samaj Arts Commerce and Science College Nandgaon  
Addr: At-Post- Nandgaon Malegaon Road Ta: Nandgaon Dist: Nashik.
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.





## 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/04/ 149

Date: 15/02/2018

To

Dr. Amol Haridas Kategaonkar  
Maratha Vidya Prasarak Samaj's  
G.M.D Arts, B.W. Commerce and  
Science College, Tal: Sinnar,  
Dist: Nashik-422103

**Subject : Recognition as a Post Graduate Teacher, M.Phil & Ph.D Research Guide**

Sir,

Please refer to your application for Recognition as a Post Graduate Teacher, M.Phil (by Research) & 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, M.Phil (by Research) & 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 **Chemistry** with effect from **30-11-2017** to till your age of superannuation or you are ceased to be in service of the Affiliated College / Recognized Institute / Research Institute from where you had applied for the recognition as a Post Graduate Teacher.
2. You have been recognized for guiding and teaching **M. Phil. (by Research)** under the faculty of Science and Technology in the subject of **Chemistry** for the period of eight (8) years with effect from **30-11-2017** to **29-11-2025**
3. You have been recognized to guide **Ph. D. Scholars** under the faculty of **Science and Technology** in the subject of **Chemistry** for a period of eight (8) years with effect from **30-11-2017** to **29-11-2025** with following particulars;
  - i) Three (3) M. Phil. and Eight (8) Ph. D. Scholars, if you are a Professor.
  - ii) Two (2) M. Phil. and Six (6) Ph.D. Scholars, if you are an Associate Professor.
  - iii) One (1) M. Phil. and 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.
- b) 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 fwcs to :**

1. The Dean, Faculty of Science and Technology.
2. The Principal / Director/Head, Maratha Vidya Prasarak Samaj's, G.M.D Arts, B.W. Commerce and Science College, Tal: Sinnar, Dist: Nashik-422103.
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.



# Project by Student

“PHARMACEUTICAL TRAINING COURSE IN ANALYTICAL TECHNIQUES”

A REPORT SUBMITTED TO  
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE



FOR THE DEGREE OF  
**MASTER OF SCIENCE**  
IN  
**ORGANIC CHEMISTRY**  
UNDER THE FACULTY OF SCIENCE

**BY**  
**Mr. SANKET SUNIL ABHALE**

UNDER THE GUIDANCE OF  
**Smt. P.B.GADAKH**

**DEPARTMENT OF CHEMISTRY**

G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE,

SINNAR 422103

APRIL 2024

## Certificate course in Soil and water Analysis



## Vermicompost unit



Earthworm Species *Esiana Foetida*



Preparation of vermicomposting Bed



## NUMBER OF RESEARCH PAPER PUBLISHED PER TEACHER

### Internal Quality Assurance Cell

YEAR –2023-2024

#### RESEARCH PAPER PUBLISHED PER TEACHER IN UGC CARE LIST

Title Of Paper	Link of paper
Thiourea-Ammonium Chloride Mediated Knoevenagel Condensation As An Intermediate In The Synthesis Of Pyrimidine Scaffolds Under Solvent-Free Condition	<a href="https://doi.org/10.2174/0115701786286587240130114029">https://doi.org/10.2174/0115701786286587240130114029</a>
Temperature Dependence And Molecular Interactions Studies From Refractive Indices Of 6-(4-Chlorophenyl)-1, 2, 3, 4-Tetrahydro-4-Oxo-2-Thioxopyrimidine-5-Carbonitrile In 60% Aqueous Dimethyl Sulphoxide.	<a href="https://doi.org/10.17485/IJST/V16i36.1995">https://doi.org/10.17485/IJST/V16i36.1995</a>
Biosorption Of Methylene Blue By Lentil Shell On Activation With Sulfuric Acid, Formaldehyde, And Calcination: Kinetic, Isotherm, And Thermodynamic Study	<a href="https://doi.org/10.1080/01932691.2023.2234989">https://doi.org/10.1080/01932691.2023.2234989</a>
Optimization Of Orange G And Indigo Carmine Dye Sequestration By Incense Stick Ash: Characterisation, Isotherm, And Kinetic Analysis	<a href="https://link.springer.com/article/10.1007/s13399-023-04579-x">https://link.springer.com/article/10.1007/s13399-023-04579-x</a>
Green synthesis and characterization of mixed-phase Fe <sub>2</sub> O <sub>3</sub> nanorods as a novel magnetically recoverable heterogeneous catalyst for Biginelli synthesis	<a href="https://doi.org/10.1016/j.molstruc.2023.135246">https://doi.org/10.1016/j.molstruc.2023.135246</a>

Title Of Paper	Link of paper
A Mini Review On Thiophene-Based Derivatives As Anticancer Agents	<a href="https://www.gmdcollege.in/assets/pdf/1727248723-1668001204.pdf">https://www.gmdcollege.in/assets/pdf/1727248723-1668001204.pdf</a>
One- Step Multi Component Synthesis Of Highly Substituted Pyridine Derivatives Using Barium Oxide Nanoparticles As Catalyst	<a href="https://www.gmdcollege.in/assets/pdf/1727248757-1491540965.pdf">https://www.gmdcollege.in/assets/pdf/1727248757-1491540965.pdf</a>
Synthesis Of 2-Amino-4H-Chromene Derivatives Via Three Component Reaction Using Sodium Benzoate As A Green Catalyst	<a href="https://www.gmdcollege.in/assets/pdf/1727248778-433609023.pdf">https://www.gmdcollege.in/assets/pdf/1727248778-433609023.pdf</a>
A novel approach toward the bio-inspired synthesis of CuO nanoparticles for phenol degradation and antimicrobial applications	<a href="https://www.gmdcollege.in/assets/pdf/1727766242-4643099.pdf">https://www.gmdcollege.in/assets/pdf/1727766242-4643099.pdf</a>
The Significance of Heterogeneous Catalysis to the Field of Chemical Kinetics	<a href="https://www.gmdcollege.in/assets/pdf/1727766181-1019541199.pdf">https://www.gmdcollege.in/assets/pdf/1727766181-1019541199.pdf</a>
An expedient synthesis of C3-arylidene-oxindole derivatives using calcite nanoflowers as an efficient heterogeneous catalyst	<a href="https://www.gmdcollege.in/assets/pdf/1727766163-1247035362.pdf">https://www.gmdcollege.in/assets/pdf/1727766163-1247035362.pdf</a>
Mycoremediation-An Effective Tool to Decontaminate Environment: A Review	<a href="https://www.interesjournals.org/abstract/mycoremediationan-effective-tool-to-decontaminate-environment-a-review-100700.html">https://www.interesjournals.org/abstract/mycoremediationan-effective-tool-to-decontaminate-environment-a-review-100700.html</a>
Pharmacognostic and Phytochemical Investigation of Tephrosia villosa (L.) Pers.	<a href="http://rjas.org/Article/DownloadFile/5700">http://rjas.org/Article/DownloadFile/5700</a>
A Review of mushroom diversity	<a href="https://doi.org/10.5281/Zenodo.11214685">https://doi.org/10.5281/Zenodo.11214685</a>
Infected Snail and Non-Infected Snails shows Biochemical contents (Glycogen) changes in various parts of Melania tuberculata and Melania scabra At	<a href="https://www.ijnrd.org/papers/IJNRD2405218.pdf">https://www.ijnrd.org/papers/IJNRD2405218.pdf</a>

Title Of Paper	Link of paper
Gangapur Dam and Godavari River Nashik.	
big data a middle man between data science, machine learning, artificial intelligence and iot	<a href="https://www.gmdcollege.in/assets/file/0eM516_us5GPX_Bw815y_aB4ZS6_565171.pdf">https://www.gmdcollege.in/assets/file/0eM516_us5GPX_Bw815y_aB4ZS6_565171.pdf</a>
NEP 2020, Its impact on Indian Education system and New pedagogy for Education	<a href="https://www.gmdcollege.in/assets/pdf/1735202531-1629740208.pdf">https://www.gmdcollege.in/assets/pdf/1735202531-1629740208.pdf</a>
The National Education Policy and Higher Education	<a href="https://www.gmdcollege.in/assets/pdf/1735202594-700417453.pdf">https://www.gmdcollege.in/assets/pdf/1735202594-700417453.pdf</a>
थेट परकीय गुंतवणूक	<a href="https://www.gmdcollege.in/assets/pdf/1735202659-187870179.pdf">https://www.gmdcollege.in/assets/pdf/1735202659-187870179.pdf</a>
The role of Artificial intelligence in revolutionizing agriculture	<a href="https://www.gmdcollege.in/assets/pdf/1735202830-1059026510.pdf">https://www.gmdcollege.in/assets/pdf/1735202830-1059026510.pdf</a>
राष्ट्रीय शैक्षणिक धोरण	<a href="https://www.gmdcollege.in/assets/pdf/1735202878-1058645263.pdf">https://www.gmdcollege.in/assets/pdf/1735202878-1058645263.pdf</a>
NASHIK DISTRICT'S HELMINTHES PARASITES OF LOCAL CHICKENS	<a href="https://www.gmdcollege.in/assets/pdf/1735204018-15946560.pdf">https://www.gmdcollege.in/assets/pdf/1735204018-15946560.pdf</a>
A Deconstructive Reading Of Amish Tripathi's 'The Immortals Of Meluha'	<a href="https://www.gmdcollege.in/assets/pdf/1735230348-1271747851.pdf">https://www.gmdcollege.in/assets/pdf/1735230348-1271747851.pdf</a>
Role Of Physical Education And Sport In India	<a href="https://www.gmdcollege.in/assets/ckeditor/kcfinder/upload/files/Dr._Suresh_Devrao_Ingale.pdf">https://www.gmdcollege.in/assets/ckeditor/kcfinder/upload/files/Dr._Suresh_Devrao_Ingale.pdf</a>
Academic Libraries In India Present And Future: An Overview	<a href="https://www.gmdcollege.in/assets/ckeditor/kcfinder/upload/files/Research%20Journey_Jan-Mar.2024_15.pdf">https://www.gmdcollege.in/assets/ckeditor/kcfinder/upload/files/Research%20Journey_Jan-Mar.2024_15.pdf</a>