

**Permanent Address:**

'Matoshree', Plot no. 9, Padmavati Park,  
Phase -I, Near Shreeram Hall,  
Brahman Puri Miraj.  
Dist. Sangli- 410416  
Maharashtra  
INDIA

**Contact Address:**

Research center, Department of Botany,  
Rayat Shikshan Sanstha's  
Dada Patil Mahavidyalaya, Karjat  
Dist. Ahmednagar - 414402  
Maharashtra  
INDIA

Mobile: +91-7756853904

**Email:** pratishthanagane13@gmail.com**PERSONAL PROFILE:**

**Citizen** : INDIAN  
**Date of Birth** : June 13, 1979  
**Marital Status** : Married  
**Languages** : Can read, write and speak English,  
Hindi and Marathi

**RESEARCH INTEREST:**

Translational and Integrative research in Mangrove plants, their use in health, Plant metabolites, Secondary metabolites, antimicrobial, anti-inflammatory, antigenotoxicity, antioxidant and bio-tonic potentials

**SUBJECTS TAUGHT:**

Plant Physiology, Basic Biochemistry, Molecular Biology, Plant genetics, Cytogenetic and plant breeding, Plant Physiology, Mycology and plant pathology, Phycology, Ecology, Angiosperms Taxonomy, Archegoniate, Spermatophyta and Plant Protection

**EDUCATION:**

**Ph. D. in Botany**.....**Nov. 2014,**

*General topic of specialization:* Life science, Biotechnology and phytochemistry

*Duration:* 01.07.2010 to 07.11.2014

*Title:* "Study of antimicrobial, antioxidant and biotonic Potential of bark of some Mangrove species"

*Guide:* Dr. D. K. Gaikwad, Professor, Laboratory of Plant Physiology

*Organization:* Department of Botany, Shivaji University, Kolhapur.

*Co-guide:* Late Dr. S. R. Chavan Professor, Laboratory of Plant Physiology

*Organization:* Department of Botany, Y. C. Institute, Karad.

**M. Phil. in Botany**.....**Nov. 2009,**

*General topic of specialization:* Life science, Biotechnology and phytochemistry

*Duration:* 01.07.2007 to 19.11.2009

*Title:* "Studies on antimicrobial activity of barks of some mangrove species"

*Guide:* Dr. D. K. Gaikwad, Professor, Laboratory of Plant Physiology

*Organization:* Department of Botany, Shivaji University, Kolhapur.

**M.Sc. in Botany**.....**May, 2002**

*Specialization: Mycology and plant pathology**Percentage: 69.00%***EXPERIENCE DETAILS: (Starting with Recent)****Total Research and Teaching: 19.4 Years**

Sr. No.	Designation	Organization	Duration	
			From	To
<b><u>Teaching: 19.4 years</u></b>				
1.	Assistant Professor	Dada Patil Mahavidyalaya, Karjat	06.01.20	Till date
2.	Assistant Professor (CHB)	Rajarshi Chhatrapati Shahu College, Kolhapur.	06.08.13	04.01.20
3.	Jr. Lecturer (CHB)	Dr. Patangrao Kadam Mahavidyalaya, Sangli.	05.11.06	30.04.13
4.	Assistant Professor (CHB)	Shikshan Maharshi Dr. Bapuji Salunkhe Mahavidyalaya, Miraj.	08.12.04	07.12.06
5.	Assistant Professor (CHB)	The New College Kolhapur	Jul.2002	Apr.2003

**Doctoral: 7.4 years**

6.	M. Phil	Shivaji University, Kolhapur	01.07.07	19.11.09
7.	Ph. D.	Shivaji University, Kolhapur	01.07.10	07.11.14

**Recognition**

P. G. Teacher	Savitribai Phule Pune University, Pune	26-07-2021	12-06-2039
Ph. D. guide	Savitribai Phule Pune University, Pune	05-01-2022	12-06-2039

Patent name	Agency /Application No.	Inventors
Synthesis of blood cancer cell growth inhibitor using the extract of Opuntia and other herbs	Australian Government / AMCN-2110393969	Gaikwad, D. K.; Narayankar, C. U.; Desai, N. M.; Patil, M. S.; Pawar, U. R.; Deshmukh, Sagar A. and <b>Nagane, Pratishtha</b>
<b>Date of Application: - 19-08-2021</b>		
<b>Date of Grated: - 19-01-2022</b>		

**Award: -**

**Best Reader Teacher Senior College- (21-22)- By Rayat Shikshan Santha's, Dada Patil Mahavidyalaya, Karjat, Dist. Ahmednagar-414402.**

**OTHER EXPERTISE:****Computer Knowledge:**

- 1) Window XP Operating System, MS Office (MS Word, Excel, PowerPoint), Adobe (Photoshop).
- 2) Bio-statistical analysis: Origin, Graph Pad, Biodiversity pro,
- 3) Working on internet

**SUMMARY OF PUBLICATIONS:****Total Publication** : 12 Research Publications + 6 Book Chapters**Google Scholar:****Total Publication** : 12 **Total citation** : 22**i10 index** :- **h index** : 03**RECENT PAPERS PUBLISHED:**

Sr. No.	Paper Details	First /*Corr author	Cit.	IF#
1.	Kadam, A. B. Nagane, P. N. and Gaikwad, S. V. (2022). Some Medicinal Plants with anti-Ulcer Activity. <i>Journal of the Maharaja Sayajirao University of Baroda</i> , (UGC Care Listed) Volume-56, No.1(VIII) 5-14.	Yes	New	-
2.	Powar, P. S. and Wadavkar, D. S. (2021). Study of Macro-Fungal Diversity from Karjat Area of Ahmednagar District, MS, India. <i>Journal of the Maharaja Sayajirao University of Baroda</i> , (UGC Care Listed) Volume-55, No.1(XI) 39-46.	Yes	New	-
3.	Powar, P. S., Kadam A. B. and Gaikwad, D. K. (2021). Antigenotoxic Effect of Mangrove Bark, <i>Journal of the Maharaja Sayajirao University of Baroda</i> , 55(1 VII)145-160. (ISSN :0025-0422) <a href="https://drive.google.com/file/d/1Kc6XUqXXb3t-WBJ6MA_94J7ZrEOTcrJd/view?usp=sharing">https://drive.google.com/file/d/1Kc6XUqXXb3t-WBJ6MA_94J7ZrEOTcrJd/view?usp=sharing</a>	Yes	New	-
4.	Powar, P. S. and Gaikwad, D. K. (2020). Bio ceramics: New Material from Mangrove Bark, <i>Advanced Material Letters</i> , <b>11</b> (11) 1-4. 20111573. (ISSN: 0976-3961, eISSN: 0976-397X) <a href="https://www.vbripress.com/aml/pdf/1568">https://www.vbripress.com/aml/pdf/1568</a>	Yes	New	1.15
5.	Powar, P. S. and Gaikwad, D. K. (2020). Bioactive Compounds from Mangrove Bark. <i>International Journal of Creative Research Thoughts</i> . 8(7): 1671-1675. (ISSN: 2320-2882). <a href="http://www.ijcrt.org/papers/IJCRT2007132.pdf">http://www.ijcrt.org/papers/IJCRT2007132.pdf</a>	Yes	New	7.97
6.	Powar, P. S. and Gaikwad, D. K. (2020). Study of Anti-Inflammatory Potential of Some Mangrove Bark. <i>Parishodh Journal</i> . <b>9</b> (3): 4938-4945. (ISSN NO:2347-6648). <a href="https://app.box.com/s/n6znu1etus19lizhn48ltwp1wpkmezfx">https://app.box.com/s/n6znu1etus19lizhn48ltwp1wpkmezfx</a>	Yes	New	6.3
7.	Powar, P. S. and Gaikwad, D. K. (2016). GC-MS Analysis of Bioactive Compounds of <i>Aegiceras corniculatum</i> bark. <i>Indian Journal of Plant Sciences Online International Journal</i> . <b>5</b> (3):13-17 (ISSN: 2319-382).	Yes	05	--
8.	Powar, P. S., Gaikwad D. K. and Bhoite, A. S. (2014). Antibacterial Activity of Mangrove Bark Against Plant Pathogenic Bacteria. <i>Indian Journal of Advances in Plant Research</i> , <b>1</b> (3): 12-14. (ISSN-2347-8918).	Yes	02	--
9.	Powar, P. S. and Gaikwad, D. K. (2014). Quantification of Phytochemicals from Some Mangrove Bark. <i>Indian Journal of Advances in Plant Research</i> , <b>1</b> (1): 5-9. (ISSN-2347-8918).	Yes	02	--
10.	Powar, P. S. and Gaikwad, D. K. (2013). Antimicrobial Activity of Methanolic Standard Extract of Mangrove Bark. <i>International Journal of Pharma and Bio Sciences</i> , <b>4</b> (3):B149-152. (ISSN-0975-6299). <a href="http://citeseerx.ist.psu.edu/viewdoc/download?jsessionid=0F7C92C024426B182A0D23BFEOCF2E0A?doi=10.1.1.422.6608&amp;rep=rep1&amp;type=pdf">http://citeseerx.ist.psu.edu/viewdoc/download?jsessionid=0F7C92C024426B182A0D23BFEOCF2E0A?doi=10.1.1.422.6608&amp;rep=rep1&amp;type=pdf</a>	Yes	06	0.47

Sr. No.	Paper Details	First /*Corr author	Cit.	IF#
11.	<b>Powar, P. S.</b> , Gaikwad, D. K. and Chavan, S. R. (2011). Antifungal Activity of Mangroves Bark. <i>International Journal of Pharma and Bio Sciences</i> , <b>2</b> (4): 484- 488. (ISSN-0975-6299).	Yes	03	0.47
12.	<b>Powar, P. S.</b> ; Gaikwad, D. K. and Chavan, P. D. (2009). Antibacterial Activity of Mangroves Bark. <i>Bioinfolet</i> , <b>6</b> (4): 365-367. (ISSN 0973-1431).	Yes	03	2.221

BOOK CHAPTERS CONTRIBUTED: # 06

INVITED TALKS: # 05

### Book Chapters

- Powar P. S.** and Gaikwad D. K. (2018). Effect of bark extracts of mangrove on seed germination of *Amaranthus paniculatus* and *Oryza sativa* Varieties. In the book 'Proceeding of one day International Multidisciplinary Conference on Recent Trends in Library, Science & Technology, Humanities and Commerce & Management' organized by Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi, (MS) India. 21<sup>st</sup> Dec, 2018. 77-78. (ISBN 2249-894X, 1-8).
- Nagane P. N.** and Gaikwad D. K. (2020). GC-MS Analysis of Bioactive Compounds of Mangrove Bark in the book, '**Climate Change, Mangrove & sustainable Management**' June 2020. p.p. 83. Bhumi Publishing. (ISBN: 978-93-88901-10-9).
- P. N. Nagane**, B. B. Gawade<sup>1</sup> and D. K. Gaikwad (2020). Biodiversity Assessment of Flora of Dada Patil Mahavidyalaya Karjat, District- Ahmednagar, (MS), India in book, '**Research Interventions and Advancements in Plant Sciences**'. August 2020. p. p. 161-168. Bhumi Publishing. (ISBN: 978-93-88901-14-7).
- Powar P. S.**, Kadam A. B. and Gaikwad S. V. (2021). Study of Bio-fertilizers on *Trigonella foenumgraecum* (Fenugreek). in book '**Research Interventions and Technological Advancements in Plant Sciences** RITAPS March, 2021, p.p.- 62. Bhumi Publishing. (ISBN: - 978-81-951982-3-8).
- Suvarna V. Gaikwad, **Dr. Pratishtha N. Nagane** and Dr. Asha B. Kadam (2021). *Portulaca oleracea*: in book: A Traditional, Oldest and Common Wild Medicinal Vegetable.2021 p.p. 108-123. INSC International Publishers. Dec. 2021. ISBN: 978-1-68576-041-0 <https://drive.google.com/file/d/1FIPU-qH8kVPTvSoWJy2mclDR1rNbnvYw/view?usp=sharing>
- Kadam, A. B. and **Nagane P. N.** (2022) Landscape Ecology: Science and Sustainability in the 21<sup>st</sup> Century, 'Current Environmental Issues and Challenges' (ISBN- 978-81-954002-9-4).

### PAPERS / POSTERS PRESENTED IN CONFERENCES/SEMINARS: Total #: 19

<b>National</b>	: #27	Presented: # 08; Attended: # 19
<b>International</b>	: #21	Presented: # 14; Attended: # 07
<b>University</b>	:#02	Presented: # 00; Attended: # 02

### WORKSHOPS:

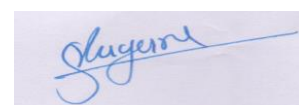
<b>Participated</b>	: #32	<b>TRAINING PROGRAM</b>	:#01 (CSIR- CIMAP)
---------------------	-------	-------------------------	--------------------

**REFRESHER COURSE : #02      ORIENTATION COURSE : #01      FDPS :# 13**

1. Participated in Two - Week Faculty Development Programme "**Managing Online Classes & Co- creating MOOCS**", held on 20 April 2020 To 6<sup>th</sup> May 2020, " organized by **TLC, Ramanujan College, University of Delhi, sponsored by PMMMNMTT, MHRD.**
2. Participated in **4-Week Orientation Programme for Faculty of Higher Education** held on 4<sup>th</sup> June 2020 - 1<sup>st</sup> July 2020, organized by **TLC, Ramanujan College, University of Delhi, sponsored by PMMMNMTT, MHRD.**
3. Participated in online Two - Week Interdisciplinary **Refresher Course** In Environmental Studies On The Theme "**21st Century Environmental Issues, Challenges & Solutions**" organized by **TLC, Ramanujan College, University of Delhi, sponsored by PMMMNMTT, MHRD.**

I hereby declare that the information provided in the CV is true.

**Place:** Karjat, Dist. Ahmednagar.  
**Date:** 05.12.2022



**Dr. Pratishtha N. Nagane**