

**Permanent Address:**

'Sanjivani Nivas' Samarth Nagar,  
Behind Sagar Hotel,  
Pipeline Road, Savedi,  
Ahmednagar- 414 003  
Maharashtra  
INDIA

**Contact Address:**

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

Mobile: +91-9503407997

**Email: ashakadam16@gmail.com**

**PERSONAL PROFILE:**

**Citizen** : INDIAN  
**Date of Birth** : May 16, 1984  
**Marital Status** : Married  
**Languages** : Can read, write and speak English, Hindi and Marathi.



**RESEARCH INTEREST:**

Contraceptive activities of traditional plants, Anti-obesity activities of traditional plants, Anti-microbial activities of medicinal plants and phytochemical analysis of medicinal plants.

**POST- GRADUATE TEACHER and RESEARCH GUIDE:**

Savitribai Phule Pune University, Pune, Recognized as a **Post- Graduate Teacher** under the faculty of **Science and Technology** in the subject of **Botany** with effect from **24 June 2021**.

Savitribai Phule Pune University, Pune, Recognized as **Ph.D. Research Guide** under the provision of Section 37(1) (e) of the Maharashtra Public Universities Act, 2016, from **05 January 2022**.

**SUBJECTS TAUGHT:**

Plant life and utilization, Plant morphology and Anatomy, Plant Systematics, Cell Biology and Evolution, Molecular Biology, Angiosperm Taxonomy, Cryptogamic Botany, Plant Biotechnology, Instrumentation, Botanical Techniques, Plant Breeding, Biodiversity, Plant Ecology, Medicinal Botany, Seed Technology.

**EDUCATION:**

**GATE in Life Science** ..... **March, 2013**

**Ph. D. in Botany**.....**September, 2017**

*General topic of specialization:* Life science, Medicinal Botany and Phytochemistry

*Duration:* 14.03.2013 to 17.09.2017

*Title:* "Study of Some Traditional Contraceptive Plants."

*Guide:* Dr. B. M. Gaykar, Professor, Head, Department of Botany, Ahmednagar College.

*Organization:* Department of Botany, Savitribai Phule Pune University, Pune.

**B.Ed**.....**April, 2009**

*Specialization:* Science and Mathematics *Percentage:* 69%

**M.Sc. in Botany**... ..**April, 2008**

*Specialization:* Angiosperm Taxonomy *Percentage:* 69%

**B.Sc. in Botany**... ..**April, 2006**

*Specialization:* Botany *Percentage:* 75%

**EXPERIENCE DETAILS:** (Starting With Recent)**Total Research and Teaching: 12.5 Years**

Sr. No.	Designation	Organization	Duration	
			From	To
<b>Teaching:12.5 years</b>				
1.	Assistant Professor	Dada Patil Mahavidyalaya, Karjat, Ahmednagar.	06.01.2020	Till date
2.	Assistant Professor	New Arts Commerce and Science College, Ahmednagar.	09.08.2010	05.01.2020
3.	Assistant Professor	Ekata Bachelor of Education College, Savedi, Ahmednagar.	28/09/2009	08/08/2010

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

- 1) Have completed Certificate Course in MS-CIT, C-Programming and C ++ and comfortable with computer operations.
- 2) Window XP Operating System, MS Office (MS Word, Excel, Power point)
- 3) Working on internet.

**Awards: # Five**

1. **BEST ORAL PRESENTATION AWARD** for the oral presented in National Conference on “Current Trends in Bio-Sciences, Medicinal Plants, their Scientific Validation and Novel Applications”, held at Department of Botany, in collaboration with Mahatma Phule Krishi Vidyapeeth, Rahuri and Society of Education, Agra, 9<sup>th</sup> and 10<sup>th</sup> December, 2016.
2. **INNOVATIVE & DEDICATED TEACHING FACULTY AWARD** for the contributions in the field of Science, received from International Convention Committee, Kuala Lumpur, Malaysia, 12<sup>th</sup> March, 2017.
3. **FIRST PRIZE IN WILD LIFE PHOTOGRAPHY COMPETITION AND EXHIBITION** “Nature’s Reflections organized by Department of Botany, Ahmednagar College, Ahmednagar, 24<sup>th</sup> February 2017.
4. **BEST WOMAN SCIENTIST AWARD**, for academic contribution in Science and Technology, Novel Research Academy (A registered enterprise under the Government of India), Puducherry, India, 22 April 2021.
5. **Patent Granted by Government of India**, for an invention entitled “Herbal Oral Contraceptive Formulation” SL No.-022116826, Patent No-389715, 18 February 2022.

**SUMMARY OF PUBLICATIONS:**

**Total publication** : 25 Research Papers+ 08 Books (01-Reference Book and 07-Textbook)

**Chapter contributed:** 07

**Researcher ID** : <https://orcid.org/0000-0002-0031-9965?lang=en>Google

**Scholar:**

**Total Publication** : 25      **Total citations** : 13

**i 10 index** : --      **h index** : 03

**ORCID:** <https://orcid.org/0000-0002-0031-9965>

## RECENT PAPERS PUBLISHED: Twenty three

Sr. No.	Paper Details	First /*Corr autho r	Cit.	IF#
<b>2022</b>				
1	D. S. Wadavkar, P. S. Powar- Nagane, <b>A. B. Kadam</b> and S. V. Gaikwad (April 2023) Diversity of Grasses from Rehekuri Sanctuary, Karjat, Dist. Ahmednagar. <b>Ecology, Environment And Conservation</b> ISSN: 0971 - 765 X, Web of Science (ISI, Thomson Reuters, U.S.A.) ,(UGC Care listed Journal group-II).	No	New	5.41
2	<b>Dr. A. B. Kadam</b> , Powar Pratishtha, S.V.Gaikwad (Aug.2022) Some Medicinal Plants with Anti-ulcer Activity. <b>Journal of the Maharaja Sayajirao University of Baroda</b> , Volume-56, No.1(VIII), 5-14, ISSN: 0025-0422, (UGC Care listed Journal group-I).	Yes	New	5.544
<b>2021</b>				
3	<b>Dr. A. B. Kadam</b> , B. M. Gaykar (Sep.2021) Phytochemical Screening Of Seed Extract Of <b>Crotalaria Juncea</b> With Respect to Antifertility Agents, <b>Journal of the Maharaja Sayajirao University of Baroda</b> , Volume-55, No.1(XI), Pg.69-77, ISSN : 0025-0422,(UGC Care listed Journal group-I).	Yes	New	5.544
4	Powar Pratishtha , <b>Kadam Asha</b> , Gaikwad Dattatray (July 2021), Antigenotoxic Effect Of Mangrove Bark, <b>Journal of the Maharaja Sayajirao University of Baroda</b> , Volume-55, No.1(VII),Pg145-150, ISSN :0025-0422,(UGC Care listed Journal group-I).	No	New	5.544
5	<b>Dr. A. B. Kadam</b> , B. M. Gaykar (April 2021) Dr. Babasaheb Ambedkar's Contribution in the field of Education, <b>Aayushi International Interdisciplinary Research Journal</b> , <b>Dr.Babasaheb Ambedkar : An Architect of India</b> (Special Issue No.84), ISSN 2349-638x,2021,210-215, (Peer-Reviewed and Indexed Journal).	Yes	New	7.149
6	<b>Dr. A. B. Kadam</b> , B. M. Gaykar (March, 2021) Synergistic Effect Of Some Plant Seed Extracts On Body And Organ Weight Of Female Wistar Rats- A Contraceptive Approach. <b>European Journal of Pharmaceutical and Medical Research</b> , 8(4), 519-523, (Peer Reviewed)	Yes	New	6.222
7	<b>Dr. A. B. Kadam</b> , S.V.Gaikwad., (March 2021), Studies on antioxidant propertiesand Inhibition of Monoamine Oxidase abilities using Coconut water ( <i>Cocos nucifera</i> Linn.). <b>Journal of the Maharaja Sayajirao University of Baroda</b> 55, No.1 (VI) 2021:182-187. (UGC Care listed-Group-I)	Yes	New	5.544
<b>2020</b>				
8	<b>Kadam A. B.*</b> and B. M. Gaykar (2020) A Review on Intellectual Property Challenges in the Field of Agriculture and Pharmaceuticals. <b>International Multidisciplinary Research Journal of Ajanta</b> . 3(9):114-125. (UGC Care listed-Group-I)	Yes	New	4.562
9	<b>Kadam A. B.*</b> and B. M. Gaykar (2020) Can Plant Products be Substitute for Artificial Oral Contraceptive Pills? <b>International Research Journal of Plant Science</b> , 11(3):1-4. (UGC Care listed-Group-I)	Yes	New	6.462

Sr. No.	Paper Details	First /*Corr author	Cit.	IF#
10	<b>Kadam A. B.*</b> , Bhagat Deepali and B. M. Gaykar (2020) Phytochemical Analysis And Antidiabetic Activity Of <i>Costus Pictus</i> By Alpha Amylase And Glucosidase Inhibitor Activities. <b>Parishodh Journal</b> , <b>9(1): 398-404</b> . (UGC Care listed-Group-I)	Yes	New	6.3
11	<b>Kadam A. B.*</b> and B. M. Gaykar and Mandan A. R. (2020) Systematic Study on Medicinal Plants Showing Anti-Obesity Activity. <b>International Journal of Research And Analytical Reviews</b> , <b>7(1):320-324</b> .	Yes	New	6.3
<b>2019</b>				
12	<b>Kadam A. B.*</b> and B. M. Gaykar(2019) Development of Molecular Condom by Using Anti-Fertility Phytochemical. <b>Indo Global Jour of Pharmaceutical Sciences</b> , <b>9(2):63-68</b> . (UGC Care listed)	Yes	--	0.67 5
<b>2018</b>				
13	<b>Kadam A. B.*</b> and B. M. Gaykar (2018) Immobilization Effect of Traditional Contraceptive Plant on Human Sperm. <b>Indo Global Journal of Pharmaceutical Sciences</b> , <b>8(1): 21-25</b> . (UGC Care listed)	Yes	--	0.67 5
<b>2017</b>				
14	<b>Kadam A. B.*</b> and B. M. Gaykar (2017) Phytochemical Analysis of Some Traditional Contraceptive Plants. <b>Flora and Fauna</b> <b>23(1):160-168</b> .	Yes	--	4.55
15	<b>Kadam A. B.*</b> and B. M. Gaykar (2017) Pregnane - A Parent of Progesterone from <i>Trigonella foenum - graecum</i> Linn. <b>International Journal of Pharmaceutical Sciences and Research</b> <b>8(12): 5194-5198</b> .	Yes	01	5.28
16	<b>Kadam A. B.*</b> and B. M. Gaykar (2017) Assessment Of Acute Oral Toxicity Of Synergistic Formulation Extract Of Traditional Contraceptive Plants. <b>International Journal of Pharmacognosy and phytochemical Research</b> , <b>9(3)</b> .	Yes	02	1.84 6
17	<b>Kadam A. B.*</b> and B. M. Gaykar (2017) A Review on Present, Traditional and Prospective Contraceptive. <b>Flora and Fauna</b> <b>23(2):303-310</b> .	Yes	--	4.55
18	<b>Kadam A. B.*</b> and B. M. Gaykar (2017) Quantitative HPTLC Analysis of Diosgenin From Methanol Extracts Of <i>Moringa oleifera</i> Lam. <b>Asian Journal of Applied Science and Technology</b> , <b>1(1)</b> .	Yes	02	0.82 5
19	<b>Kadam A. B.*</b> B. M. Gaykar and Dr. RJ Barnabas (2017) HPLC Analysis Of Ethynyl Estradiol From Seed Extract Of <i>Moringa oleifera</i> Lam. <b>Journal of Medicinal Plants Studies</b> , <b>5(2) 140-142</b> .	Yes	--	5.69
<b>2016</b>				

Sr. No.	Paper Details	First /*Corr autho r	Cit.	IF#
20	<b>Kadam A. B.*</b> and B. M. Gaykar (2016) In Vitro Effect of Traditional Contraceptive Plants on Human Sperm Motility. <b>Biotechnology for Sustainable Future, Special Issue : 109-114.</b>	Yes	--	--
<b>2015</b>				
21	<b>Kadam A. B.*</b> and B. M. Gaykar (2015) Assessment of Contraceptive Methods And Substitution With Plant Products. <b>Journal of Basic Sciences: 84-87.</b>	Yes	--	--
22	<b>Kadam A. B.*</b> and B. M. Gaykar (2015) A Review On Medicinal Plants Exhibiting Antifertility And Contraceptive Activities. <b>Journal of Basic Sciences, 2:89-95.</b>	Yes	02	--
<b>2014</b>				
23	<b>Kadam A. B.*</b> and B. M. Gaykar (2014) Antibacterial and Antifungal Activity Of <i>Trigonella foenum-graecum</i> L. Seed Extracts. <b>Flora and Fauna, 20(1):166-168.</b>	Yes	--	4.5 5
24	<b>Kadam A. B.*</b> and B. M. Gaykar (2014) <i>Trigonella foenum-graecum</i> L. (Fenugreek) an alternative drug for oral Contraceptive. <b>Environmental Issues and Sustainable Development: 81-83.</b>	Yes	--	--
<b>2013</b>				
25	<b>Kadam A. B.*</b> and B. M. Gaykar., P. Bedarkar (2013) Systematic Study On Understanding Present And Prospective Contraceptives. <b>Flora and Fauna, 19(1):51-57</b>	Yes	04	4.5 5

\* Corresponding Author

**BOOKS CONTRIBUTED: # Eight**

1. **"Phytochemistry of Contraceptive plants."** LAP Lambert Academic Publishing GmbH & Co. KG, Germany. ISBN: 978-613-833162-9, 2018.
2. **S. Y. B. Sc. Text Book -Taxonomy of Angiosperms and Plant Ecology; Plant Anatomy and Embryology,** (BO-231 and BO-241; Sem.III and IV), Prashant Publication; Savitribai Phule Pune University, w.e.f. June 2020 (CBCS Pattern), ISBN: 978-93-89501-95-7, 2020.
3. **S. Y. B. Sc. Text Book -Plant Physiology and Plant Biotechnology,** (BO-232 and BO-242; Sem. III and IV), Prashant Publication; Savitribai Phule Pune University, w. e. f. June 2020 (CBCS Pattern), ISBN: 978-93-89501-96-4, 2020.

4. **S. Y. B. Sc. Text Book –Practical Botany, (BO-233 and BO-244; Sem. III and IV)**, Prashant Publication; Savitribai Phule Pune University, w. e. f. June 2020 (CBCS Pattern), **ISBN: 978-93-89501-00-0**, 2020.
5. **T. Y. B.Sc. Text Book-Spermatophyta and Paleobotany, Plant Pathology (BO-353 and BO-363; Sem. V and VI, Paper-III)** Prashant Publication; Savitribai Phule Pune University, w. e. f. June 2021 (CBCS Pattern), **ISBN: 978-93-92425-39-4**, 2021.
6. **T. Y. B.Sc. Text Book- Genetics, Plant breeding and seed Technology, (BO-356 and BO-366; Sem. V and VI, Paper-VI)** Prashant Publication; Savitribai Phule Pune University, w. e. f. June 2021 (CBCS Pattern), **ISBN: 978-93-92425-10-3**, 2021.
7. **T. Y. B.Sc. Text Book-Medicinal Botany, Nursery and Gardening Management, Skill Enhancement course (BO-3510 and BO-3610; Sem. V and VI, Paper-VII)** Prashant Publication; Savitribai Phule Pune University, w. e. f. June 2021 (CBCS Pattern), **ISBN: 978-93-92425-18-9**, 2021.
8. **T. Y. B.Sc. Text Book- Plant Diversity and Human Health, Biofertilizers, Skill Enhancement course (BO-3511 and BO-3611; Sem. V and VI, Paper-VIII)** Prashant Publication; Savitribai Phule Pune University, w. e. f. June 2021 (CBCS Pattern), **ISBN: 978-93-92425-26-4**, 2021.

**CHAPTERS CONTRIBUTED IN BOOKS: # Seven**

1. **Educational Measurement and Evaluation (Chapter contributed-Taxonomy of Educational Objectives)**, Bookrivers publication, Lucknow, Edited by- Dr. Goldy Gupta, **ISBN: 978-81-949001-5-3**, Pg. No. – 45-54, 2020.
2. **Fundamentals on Plant and Soil Microbial Interactions (Theory and Practice) (Chapter contributed- Applications of Tools and Technologies Used in Modern Plant Technologies used in Modern Plant Research)**, Bharati Publications, National publisher for Higher Education, New Delhi, Edited by-Dr. Pumpy Ghosh, **ISBN: 978-93-91681-08-1**, Pg. No.-90-101, Dec.2021.
3. **Medicinal Plant Treasures of India (Chapter contributed- Portulaca oleracea: A Traditional, Oldest and Common Wild Medicinal Vegetable)**,INSC International Publishers, Karnataka, Edited by-Dr. D.K.Gaikwad, Dr. Nivas Desai, Dr. Umesh Pawar and Dr. Chirag Narayankar, **ISBN:978-1-68576-041-0**, Pg. No.- 108-123, 2021.
4. **Planta-Research Book Series:Volume-3 (Chapter contributed-Study of Biofertilizers on Trigonella Foenum-graecum (Fenugreek)**, Plantica-The official publication of Association of Plant Science Researchers (APSR), Plantica Foundation, Deharadun (U.K.), Edited by-Prof. (Dr.) A. K. Karnatak, **ISBN:978-81-953419-5-5**,Pg. No.-721-731, October 2021.

5. **Biological Research in 2021: Aspects and Prospects (Chapter contributed-Importance of Women must know about Herbal Contraceptives)**, Lambert Academic Publishing, Edited by- Dr. A. Sarvalingam, ISBN: 978-620-4-73831-4, Pg. No.-134-137, Jan.2022.
6. **Current Environmental Issues and Challenges, Landscape Ecology (Chapter contributed- Landscape Ecology: Science and Sustainability in the 21st Century)** Nature Light Publications, Pune, Edited by- Dr. Vilas V. Patil Dr. Praveen G. Saptarshi Dr. Digvijay S. Kumbhar Mr. Agastirishi B. Toradmal Dr. Ashok Kumar Verma, ISBN- 978-81-954002-9-4, Pg. No.38-44, Aug.2022.
7. **Effect of bio-fertilizers on growth, yield and quality of onion (Allium cepa)** (Chapter contributed- Agriculture Development Towards Sustainability) Edited by- Riswan M, Dr. Prasanna Srinivas.R, Rajesh Kr. Abhay, Santosh P. Mane, ISBN NO - 978-93-94819-16-0.

**PATENT PUBLISHED AND GRANTED: # Two**

1. Patent published on “**Herbal Oral Contraceptive Formulation**” Publication No. - **201821045878A**, 4 Dec. 2018, and granted on 18 February 2022, SL No.-022116826, **Patent No-389715**. (Indian).
2. Patent published on “**Designing a New Dressing Bandage to the Fractured Wound Especially in Diabetic Patients**” Publication No. - **202231034414 A**, 8 July 2022. (Indian).

**PAPERS / POSTERS PRESENTED IN CONFERENCES: Total #: Fifty Nine.**

<b><u>National</u></b>	: #	Presented: # 9; Attended: # 20	Organized:#02
<b><u>International</u></b>	: #	Presented: # 15; Attended: # 15	Organized:#01

**Symposium: Three**

<b><u>International</u></b>	: #	Presented: # 03; Attended: # 02
-----------------------------	-----	---------------------------------

**SEMINARS: # Eighteen**

<b><u>Participated</u></b>	: # 17	<b><u>Organized</u></b>	: #02
----------------------------	--------	-------------------------	-------

**WORKSHOPS: #Fifty**

<b><u>Participated</u></b>	: #50	<b><u>Organized</u></b>	: #02
----------------------------	-------	-------------------------	-------

**REFRESHER/ORIENTATION COURSE/FDP/MOOC: #Ten**

1. Participated in **Science Academies Refresher Course** on “**Plant Taxonomy, Biodiversity and Ethnobotany**”, held on 12<sup>th</sup> to 25<sup>th</sup> Nov.2018, organized by P.G. and Research Department of Botany, **V. O. Chidambaram College, Thothukudi, Tamilnadu**.
  2. Participated **Induction Programme (Equivalent to Orientation)** held at **IISER, Pune**, from 1<sup>st</sup> -26<sup>th</sup> May, 2018.
  3. Participated in **Science Academies Refresher Course** on “**Botany**”, held on 10- 24 June 2019, organized by **Department of Botany, Dayanand Science College, Latur, Maharashtra**.
-

4. Participated in **Two - Week Faculty Development Programme** on “**Managing Online Classes & Co-creating MOOCS**” from April 20 - May 06, 2020, organized by **TLC, Ramanujan College, University of Delhi, sponsored by PMMMNMTT, MHRD.**
5. Participated in a **four -week online course on “Cooperative Learning Pedagogy”** from May 22, 2020 to June 18, 2020 through mookit.co (developed under the UNESCO's OE4BW online mentoring Program-2019) organized by **GHG Khalsa College of Education, Gurusar Sadhar, Punjab (India).**
6. Participated in **4-Week Orientation Programme for Faculty of Higher Education** held on 4<sup>th</sup> June – 1<sup>st</sup> July 2020, organized by **TLC, Ramanujan College, University of Delhi, sponsored by PMMMNMTT, MHRD.**
7. Participated in **Online Faculty Induction Program** held on 15<sup>th</sup> -19<sup>th</sup> July 2020, organized by IQAC, Jagdamba Mahavidyalaya, Achalpur, and Amaravati.
8. Participated in **one week Faculty Development Programme**, on “**Recent Trends and Challenges in Research**” held on 10 - 18 May, 2021, organized by **TLC, Ramanujan College, University of Delhi, In Collaboration with UGC Paramarsh ,Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur(Autonomous), sponsored by PMMMNMTT, MHRD.**
9. Participated in **Online Faculty Induction Program on “Entrepreneurship, Innovation & Incubation”** held on 17-31 May 2021, organized by NSTEDB Department of Science & Technology, Government of India **in Association with Amrutvahini College of Engineering, Sangamner.**
10. Participated in **Online Two - Week Refresher Course in “LIFE SCIENCES”** held on 01 – 15 September, 2021, organized by **TLC, Ramanujan College, University of Delhi, in collaboration with Miranda House, University of Delhi sponsored by PMMMNMTT, Ministry of Education, Govt. of India.**

**MEMBERSHIP: # One**

1. **Life Member of the Indian Science Congress Association**, 14 Biresch Guha Street Kolkata 700017, Membership No. L37138, 2017.

**WORK AS RESEARCH PAPER REVIEWER: # Five**

1. European Journal of Medicinal Plants
2. Asian Journal of Research in Biochemistry,
3. Asian Journal of Agricultural Extension Economics & Sociology
4. Journal of Pharmaceutical Research International
5. Plant Cell Biotechnology and Molecular Biology.

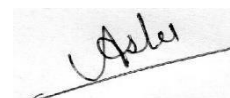
**WORK AS PRIMARY EVALUATOR:**

Worked as a primary Evaluator in competition of ‘**Toycathon in 2021**’, organized by **Innovation and Start up Cell, Ministry of Education, India.**

**RESEARCH PROJECTS COMPLETED: # Two**

1. **Analysis of Potent Phytochemicals with contraceptive activities in advancements of female contraception**, funded by Seed Money, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, 2019-2020.
2. **Phytochemical screening of seed extract of *Crotalaria juncea* with respect to antifertility agents**, funded by Seed Money, Dada Patil Mahavidyalaya, Karjat, Ahmednagar, 2020-2021.

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





---

**Place:** Karjat, Ahmednagar

**Dr. Asha B. Kadam**

**Date:** 28. 1. 2023.

