

CURRICULUM VITAE

Dr. Gaikwad Priyanka Anil

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Total International Publications: 3

Total Impact factor: 4.8

Total Citations: 02

Proceedings/conferences/seminars/symposia: 10

Research gate Score:

Teacher profile: Working as Assistant professor (Grant CHB) at Waghire College of Arts, Commerce and Science, Saswad, Tal. Purandar, Dist- Pune-412301.

1. Academic Background:

- ❖ **Ph.D. Status** Ph.D. completed (Awarded on 8th August 2025) from the Post Graduate Research Centre, Department of Botany, Tuljaram Chaturchand College Baramati, Dist-Pune. Affiliated to the Savitribai Phule Pune University, Pune under the Guidance of Prof. M. B. Kanade.
- ❖ **Topic of research** “Allelopathic studies of some weeds from agricultural fields in Baramati Tahsil, District- Pune (M.S.)”
- ❖ **Qualified UGC-CSIR NET with JRF** exam (Ref. No. 16/12/2018(ii)EU-V)
- ❖ **Qualified MH-SET** exam (Ref. Certificate Number: 0649/ (SET-JUN 2019)) held on 23 June 2019 conducted by Savitribai Phule Pune University, Pune as a nodal (state) agency.
- ❖ **M.Sc. in Botany** with GPA 4.95 out of 6.00 and 67.80% score and specialization with “Plant Biotechnology” in 2016 from Department of Botany, Savitribai Phule Pune University, Pune, (MH).
- ❖ **B.Sc. (1st class with distinction)** Botany with 87.42% in the year 2014 from Vidya Pratishthans Arts, Commerce and Science College, Vidyanagari, Baramati, Pune. (Savitribai Phule Pune University).
- ❖ **12th Class (HSC)** (Chemistry, Physics, Mathematics, Geography, English & Marathi) in 2011 with 57.17% from Vidya Pratishthans Arts, Commerce and Science College, Vidyanagari, Baramati, Pune.

- ❖ **10th Class (SSC)** in 2009 with 82.15%, Maharashtra State Board of Secondary and Higher Secondary Education, Pune.

2. Research Experience

- ❖ Worked for my PG (M.Sc.) Project on “**Development Of Transgenic *Nicotiana* Over Expressing Tomato *SIMAPK3* Gene.**”under the Guidance of **Prof. A.C. Kamble.**
- ❖ **Completed Ph.D. in August 2025**, at Post Graduate Research Centre, Department of Botany, Tuljaram Chaturchand College Baramati, Dist-Pune. Affiliated to the Savitribai Phule Pune University.

3. Publications

1. **Priyanka A. Gaikwad**, B. K. Avchar and M. B. Kanade. “Allelopathic effects of aqueous extracts of *Trichodesma indicum* (L.) R. Br. and *Tribulus terrestris* L. on seed germination and seedling growth of maize and wheat” published in an International Journal of Researches in Biosciences, Agriculture and Technology, Issue (X), Vol. I, Jan 2022: 54-59. 2)
2. **Priyanka A. Gaikwad** and M. B. Kanade. “Allelopathic influences of *Goniocaulon indicum* C. B. Clarke. On seed germination and seedling growth of maize and wheat.” published in an international Journal of Botany studies, Issue (II), Vol. VIII, Feb 2023: 28-33. 3)
3. **Priyanka A. Gaikwad** and M. B. Kanade. “Allelopathic effects of leachates of *Trichodesma indicum* (L.) R. Br. on seed germination and seedling growth of maize and wheat.” published in Advances in Bioresearch, Special Issue (I), 2025: 01-04.

4. Publications (Book)

1. S. A. Kalhapure, **P. A. Gaikwad** and S. P. Thombare 2026. Emerging Trends in Plant Sciences. Olympick Publisher India. ISBN- 978-81-986001-5-8.

5. Abstracts published in National Conference

1. **P. A. Gaikwad** and M B Kanade. (2025) Leachates of *Tribulus terrestris* L. medicinal plant and their allelopathic effects on seed germination and seedlings growth of maize and wheat crops.
2. **P. A. Gaikwad** and M B Kanade. (2025) Allelopathic impact of *Goniocaulon indicum* C. B. Clarke leachates on seed germination and seedling growth of maize and wheat.
3. **Priyanka A. Gaikwad** and M. B. Kanade. (2023) Allelopathic influence of leachates of *Trichodesma indicum*(L.) R. Br. on seed germination and seedling growth of maize and wheat.
4. **Priyanka A. Gaikwad** and M. B. Kanade. (2022) Allelopathic influence of *Goniocaulon indicum* C. B. Clarke. leachates on seed germination and seedling growth of maize and wheat.
5. **Priyanka A. Gaikwad** and M. B. Kanade. (2022) Allelopathic effects of leachates

of *Lagascea mollis* Cav. on seed germination and seedling growth of maize and wheat.

6. **Priyanka A. Gaikwad**, B. K. Avchar and M. B. Kanade. (2021) Allelopathic effect of aqueous extracts of *Trichodesma indicum*(L.) R. Br. on seed germination and seedling growth of maize and wheat

6. Short Term Trainings/ Techniques acquainted

- Chromatographic techniques (LC-MS, HPLC, HPTLC)
- Spectrofluorimetry, Nano-Drop, PCR, and various other Techniques.
- Tissue culture technique, Cytology/cytogenetics

7. Workshops/ seminars/ Conferences

1. Organized one day Online National Conference on “**Emerging Trends in Physical and Life Sciences**” (ETPLS, 2026) organized by Department of Botany, Microbiology, Zoology and Physics, PDEA’s Waghire College, Saswad, Tal. Purandar, Pune.
2. Participated in one day International Conference “**Bio-Fusion 2025**” organized by Department of Microbiology, Zoology and Botany, Rayat shikshan Sansthan’s Mahatma Phule Mahavidyalaya, Pune, on 18th December 2025.
3. Participated in 9th International Conference “**Advances in Agricultural, Biological and Biodiversity Conservation for Sustainable Development**” (ABCD, 2025) Jointly organized by Department of studies in Botany, University of Mysore, KN and ATDS Gaziabad, UP, on 13rd November to 15th November 2025.
4. Participated in an international conference on “**Microbes for Sustainable Agriculture, Animal Husbandry and Environment**” (MSAAHE, 2023) organized by Department of Botany and Zoology, Rayat Shikshan Sanstha’s Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur, (Autonomous) Dist.- Solapur (MS) on 3rd & 4th February, 2023.
5. Participated in an national conference on “**Recent Advances in Biological Sciences and Biodiversity Conservation**” (RABSBC, 2022) organized by Department of Botany, Shri Shivaji Mahavidyalaya, Barshi, (MS) on 28th December, 2022.
6. Participated in an international conference on “**Innovative Trends in Life Sciences**” (ITLS, 2022) organized by Sadguru Gadage Maharaj College, Karad, (MS) during 11th to 12th March, 2022.
7. Participated in an international conference of “**Research Interventions and Technological Advancements in Plant Sciences**” (RITAPS, 2021) organized by PG Department of Botany, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi, (MS) during 26th & 27th March 2021.
8. Participated in a National Conference on “**Current trends in Bio-Sciences, Medicinal plants, their scientific validation and novel applications**” at Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar,

Ahmednagar.

9. Participated in Workshop on **“Commercial White Button Mushroom Cultivation.”** Held at PDEA’s Waghire College Saswad, on 2nd January 2017.
10. Participated in One Day Workshop on **“Awareness in Multifaculty Interdisciplinary Research”** organized by Centre for Innovative and Applied Research (CIAR) Tuljaram Chaturchand college of Arts, Science and Commerce, Baramati (Autonomous) on 13 February 2023.
11. Participated in One Day Training Workshop on **“Popular Science Writing”** under AWSAR Programme organized by Department of Science and Technology, Vigyan Prasara and Ranchi University on 13th July 2022.
12. Participated in One Day Training Workshop on **“Understanding Popular Science Writing”** under AWSAR Programme organized by Department of Science and Technology, Vigyan Prasara and Ranchi University on 19th May 2022.
13. Participated in One Day Training Workshop on **“Understanding Science Communication”** under AWSAR Programme organized by Department of Science and Technology, Vigyan Prasara and Ranchi University on 11th May 2022.
14. Participated in One Day Workshop on **“Mushroom Cultivation”** Jointly organized by Post Graduate Research Centre, Department of Botany, Tuljaram Chaturchand college of Arts, Science and Commerce, Baramati (Autonomous) and RUSA on 22 February 2022.
15. Participated in One Day Workshop on **“Conservation Techniques in Cryptogams”** Jointly organized by Post Graduate Research Centre, Department of Botany, Tuljaram Chaturchand college of Arts, Science and Commerce, Baramati (Autonomous) and RUSA on 11 February 2021.
16. Participated in **“International Webinar Series on Plant Genomics”** organized by the Department of Botany, Savitribai Phule Pune University, Pune from 31 July – 2 August 2020.
17. Participated in Workshop on **“Patent and Intellectual Property Rights”** organized by Tuljaram Chaturchand college of Arts, Science and Commerce, Baramati (Autonomous) held on 27th February, 2020.

8. Extracurricular Activities

1. Participated in State level inter-colleges **‘Pratibha Elocution Competition’** at VPASC College Baramati. (Dec 2010).
2. Participated in **‘Dr. Shamarao Kalmadi Memorial State level elocution Competition’** at Dr. Shamarao Kalmadi College Erandwane, Pune. (Sept 2011).
3. Participated in State level inter-colleges **‘Kavivarya Moropant Elocution Competition’** at TC College Baramati. (Sept 2011)
4. Guidance to **02 project students** (M.Sc.) at Department of Botany, Savitribai Phule Pune University, Pune 411007.
5. Maharashtra State Certificate in Information Technology (**MSCIT**).

9. Hobbies

- ❖ Participation in Social Programs
- ❖ Field tours
- ❖ Biodiversity conservation
- ❖ Playing Badminton
- ❖ Tracking

10. Personal Details

- ❖ Date of Birth : January 17 1993
- ❖ Nationality : Indian
- ❖ Marital status : Unmarried
- ❖ Languages speak : Marathi, Hindi, English
- ❖ Gender : Female

(Dr. Priyanka Anil Gaikwad)

