

CURRICULUM VITAE

Dr. Ashish Vinod Gajbhiye

MGV's Arts, Science and Commerce

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Languages Known : (Read/Write/Speak)

(1)English(R/W/S) (2)Hindi(R/W/S) (3) Marathi(R/W/S)

Qualifications:

-Ph.D. (Chemistry), Sant Gadge Baba Amravati University, Amravati (M.S.), India.

-M.Sc. (Chemistry) with First Class from Sant Gadge Baba Amravati University, Amravati (M.S.), India.

-B.Sc. (Chemistry) with First Class from Sant Gadge Baba Amravati University, Amravati (M.S.), India.

Ph. D. Thesis :

Title : "Ecofriendly benign synthesis, characterization and study of physical parameters of some thiazines, thiazoles, imidazoles, imidazolethiones and also their significance in controlling plant diseases with special reference to crop plants".

The Main objective of this work was to develop some novel compounds which will have applications in physicochemical study and also their applications in agriculture.

Current Employer : MGV's Arts, Science and Commerce College, Manmad, Dist: Nashik.

Experience :

1. Worked as assistant professor in UG/PG. Total Experience is about 15.6 years. Please see Appendix A for details on Teaching experience and associated skills.
2. Worked as Junior Research Fellow for about one year (2009-2010) at National Chemical Laboratory, Pune. The main task involved a designing a short route to anti-cancer drug whose presence appeared in Marine animals.

Other Academic Achievements :

During my tenure as a teacher, I have presented/published papers at the National and International Conferences/Journals. Please see the details under the “Papers presented/Published” in Appendix A.

Declaration:

I hereby declare that the information provided above is true to the best of my knowledge and belief.

(Ashish V Gajbhiye)

Place : Manmad (India).

Appendix A

Teaching Experience:

I have been working as a Assistant Professor at affiliated college of Savitribai Phule Pune University, Pune from last 15.6 years. My main responsibilities included Classroom instructions, conducting laboratory practical's, designing syllabus/lab-work, planning teaching/lab-schedule, assessment and evaluation, counselling, introduction of subject software to the students, continuous assessment & evaluation, research & development etc.

Entered for Ph.D. programme at **National Chemical Laboratory, Pune** after qualifying JRF Examination(2008) and qualified **Indian Institute of Science Entrance Examination** after qualifying GATE(2008) examination. After P.G., I have qualified entrance test of **IICT, Mumbai**.

Subjects Taught:

At UG Level:

1. Organic Chemistry
2. Inorganic Chemistry
3. Industrial Chemistry
4. Analytical Chemistry

PG level:

1. Organic Chemistry
2. Inorganic Chemistry
3. Spectroscopy
4. Research Methodology

Research Experience :

Title: Asymmetric synthesis of Bio-active molecules.

Institute : National Chemical Laboratory (NCL), Pune.

Duration: 2009-2010.

Publications in National/International Journals:

1. "Synthesis and antibacterial studies of chlorosubstituted-1,3-thiazines", *Asian Journal of Chemistry*, vol. 24(12), 5699-5700, **2012. (ISSN 5699-5701) (UGC Sr. No. 19)**
2. Synthesis and biological evaluation of some chlorosubstituted-1,3-thiazoles", *International Journal of Pharma and Biosciences*, Vol. 4(4), 899-903, **2013. (ISSN 0975-6299) (UGC Sr. No. 17357)**
3. "Ecofriendly synthesis, characterization and antibacterial assay of some chlorosubstituted isoxazoles", *International Journal of Chemical and Physical Sciences*, Vol. 49(1), 342-345, **2015. (ISSN 2319-6602). (DOI prefix:10.30731)**
4. "Green Chemistry: A Path for sustainable Development", *Research Journey Multidisciplinary International Research Journal*", Vol. 12, 80-84, **2017. (ISSN 23487143)(UGC Sr. No. 40705)**
5. "Microwave assisted synthesis, characterization and antifungal activities of some chlorosubstituted imidazolethiones", *Aayushi International Interdisciplinary Research Journal*", Vol. 26, 1124-1127, **2018. (ISSN 2349-638x) (UGC Sr. No. 64259)**
6. "Synthesis and assay of chlorosubstituted heterocycles against some ornamental plant pathogens", *Aayushi International Interdisciplinary Research Journal*", Vol. 26, 1124-1127, **2018. (ISSN 2349-638x) (UGC Sr. No. 64259)**
7. "Synthesis and characterization of TiO₂ nanoparticles", *Ajanta: An international multidisciplinary quarterly Research Journal*, Vol.8 (1), 29-37, **2019. (ISSN 22775730)(UGC Sr. No. 40776)**
8. "New Perspectives in Teaching and Learning methods", *Ajanta: An international multidisciplinary quarterly Research Journal*, Vol.8 (1), 29-37, **2019. (ISSN 22775730)(UGC Sr. No. 40776)**
9. "An Innovative Approach towards Effective Teaching: Microteaching, *Ajanta: An international multidisciplinary quarterly Research Journal*, Vol.8 (1), 29-37, **2019. (ISSN 2277-5730) (UGC Sr. No. 40776)**
10. "Efficient synthesis and characterization of Thiazole derivative", *Journal of Emerging Technologies and Innovative Research*, Vol. 7(2), 606-609, **2020. (ISSN 23495162)(UGC Sr. No. 63975).**
11. "Synthesis and antibacterial assay of some of substituted 1,3-thiazines", *Journal of Emerging Technologies and Innovative Research*, Vol. 7(2), 606-609, **2020. (ISSN 2349-5162)(UGC Sr. No. 63975).**
12. "Review on flavonoids which acts as important moiety in pharmaceutical science", *International Journal of current Research*, Vol. 13(3), pp.16805-16808, **2021. (ISSN: 0975-833X)**
13. "In vitro phytochemical screening of the flower extracts of *Butea monospema*", *International Journal of current Research*, Vol. 13(3), pp. 16645-16649, **2021. (ISSN: 0975-833X)**

14. "A Review on synthesis and biological applications of Imidazole and its derivatives", *Asian Journal of Organic & Medicinal Chemistry*, Vol. 7(2), pp. 214-226, **2021**. (ISSN: 2456-8937)
15. "Study of Physico-chemical properties of Wild Honey from Nashik district of Maharashtra", *Asian Journal of Organic & Medicinal Chemistry*, Vol. 7(2), pp. 214-226, **2021**. (ISSN: 2456-8937)
16. "Phytochemical Investigations of Flower Drug from plant *Acmella Paniculata* (Wall. Ex DC.) R.K. Jansen", *Plant Biotechnology Persa*, Vol. 4(1), pp. 60 -67, **2022**. (ISSN: 2676-7414)
17. "A Critical analysis of NEP 2020: Emerging Issues, approaches challenges and suggestion", *Research Journal*, Vol. 1 (312 A), pp.146-150, **2023**. (ISSN 2348-7143)
18. "National Educationpolicy 2020: Vision Towards Higher Education System", *International Journal of Advance and Applied Research*, Vol. 4(4), pp. 72-75, **2023** (ISSN – 2347-7075)

Books :

1. Conceptual Chemistry for Competitive Examination
2. Nano Technology
3. Principles and Concepts in Organic Chemistry

Patents :

1. **Published : DE202022102713U1 Germany** : Apparatus for producing activated charcoal in chemical composition from agricultural waste
2. **UK Design Patent : 6424097**

Training Programs Attended :

Name of course	Place	Grade	Duration	Sponsoring Agency
Orientation Course	Savitribai Phule Pune University , Pune	' A '	03.12.2012 to 30.12.2012	UGC
Refresher Course	S. G. B. Amravati University, Amravati.	' A '	05/01/2015 to 24/01/2015	UGC

Refresher Course	Jawaharlal Nehru technological University Hyderabad	‘A+’	01/03/2021 to 16/03/2021	UGC
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Administrative Experience:

1. Academic Research Co-ordinator (ARC)
2. Unnat Bharat Abhiyan (UBA) Co-ordinator

AWARDS:

Best Teacher award 2023 has been given by **Avishkar Foundation, Solapur.**