

Information for profiling

Basic Info.	<p>Name: Dr. Vaishali Arun Thakur Designation: Assistant Professor Department: Botany E-mail: vaishali.thakur@fergusson.edu thakurvaishali215@gmail.com Work experience Teaching: 17 years Research: 14 years</p>
Personal Profile	<p>Presently working as an Assistant Professor in the Department of Botany, Fergusson College (Autonomous), Pune with 17 years of teaching experience at UG and PG levels. Completed M.Phil. and Ph.D. from the Department of Botany, Pune University, Pune, India. Published research papers in reputed journals, conferences, and proceedings. Presented research papers and participated in several international and national conferences/ seminars /workshops etc. Recognized Ph.D. guide at Savitribai Phule Pune University, Pune supervising four Ph.D. students. Guided undergraduate and postgraduate students with research projects. Completed UGC-CE projects and seed money research projects. A highly committed student-centered mentor and researcher dedicated to shaping young minds into successful and confident individuals in society.</p>
Course(s) Taught	<ul style="list-style-type: none"> • Plant Diversity • Plant resources, management and utilization • Industrial Botany • Phytochemistry

	<ul style="list-style-type: none"> • Plant Ecology and Biodiversity • Horticulture and Floriculture • Plant Physiology and Biochemistry • Spermatophyta and Paleobotany • Mycology and Plant Pathology • Computational Botany • Plant Breeding and seed technology • Genetic and evolution
Field of specialization	Mycology, Aerobiology
Education Qualifications (upto Graduation)	B.Sc., M.Sc., B.Ed., M.Phil. Ph.D, (Botany) SET
Awards, Honors	Dr. V. N. Naik Award for Poster presentation in international conference in 2014 at Dhule (Second Prize)
Professional Membership	Indian Aerobiological Society
Employment History	<ul style="list-style-type: none"> • Working as Assistant Professor, Department of Botany, Fergusson College (Autonomous) Pune since November 2005. • Worked as Lecturer at Modern College, Ganeshkhind, Pune for six months. (2005) • Worked as Secondary teacher at Dudhedia High School, Dhule for 2 years. (2002-2004).
Research	<p>M. Phil ‘Taxonomic and Antioxidant Studies of Indigenous Medicinally Important species of <i>Phellinus</i>’ (2006-2008).</p> <p>Ph.D. ‘Extramural and Intramural Aerobiological Studies at Pune.’ From Pune University (2011-2016).</p> <p>Research Projects completed:</p> <ul style="list-style-type: none"> • UG Project under MAST Programme of UGC-CE Fergusson College (Autonomous), Pune

	<p>‘Antioxidant activity of indigenous mushrooms’ (2018-2019).</p> <ul style="list-style-type: none"> • CE-UG Mini project under MAST Programme Fergusson College (Autonomous), Pune ‘Symbiotic diazotrophs as germination rate enhancer’ (2019-2020). • Seed money project- Fergusson College (Autonomous), Pune ‘Studies on the Air Quality of Fergusson College Campus with Reference to Environmental bio components’ (2020-21). • Working on Seed money research project ‘Synthesis of biodegradable eco-friendly biopolymers using wheat gluten for use as multipurpose carry bags.’ (2022-23). <p>Guided projects at PG Level.</p> <ul style="list-style-type: none"> • Guided Mr. Chetan M. Satpute for MSc project entitled “Studies on airborne fungal spores and pollen grains of Fergusson College campus (Autonomous) Pune.” for the degree of Master of Science in Botany (2021-22). • Guided Mr. Vinayak P. Gadekar for MSc project entitled “Preliminary Study of pollen grains of Fergusson College campus (Autonomous), Pune.” for the degree of Master of Science in Botany (2021-22). <p>Guiding Ph.D Students.</p> <ul style="list-style-type: none"> • Guiding Deepali Nitin Sawant (Ref. No.: PGS/Ph.D./3353 w.e.f. 18/02/2021) for her PhD degree on “Aerobiological studies on Soyabean crop field at Pune (M.S).” from Savitribai Phule Pune University, Pune. • Guiding Mrs. Shamal Sanjay Thombre (Ref. No.: PGS/Ph.D./4525 w.e.f. 12/02/2020) for
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	<p>her PhD degree on “Studies on Rhizospheric and Endophytic fungi of <i>Mappia Nimmonia</i> (J. Graham) Byng & Stull” from Savitribai Phule Pune University, Pune. (Guide: Dr. V.A Thakur, Co guide Prof. A.B. Ade)</p> <ul style="list-style-type: none"> • Guiding Ms. Aarti S. Bidkar (Ref. No.: PGS/Ph.D./4746 w.e.f. 31/03/2022) for her PhD degree on “Isolation and screening of endophytes from <i>Commiphora wightii</i> (Arnott) Bhandari. for bioactive metabolites” from Savitribai Phule Pune University, Pune. (Guide: Dr. V. A Thakur, Co guide: Dr. M. Y. Borde). • Guiding Mrs. Joshi Tarini Saket for her PhD degree on “Isolation and screening of fungal endophytes from <i>Terminalia bellirica</i> (Gaertn.) Roxb. for bioactive metabolites”.
Publications	<p>Journals</p> <ul style="list-style-type: none"> • Thakur, V. A. and Jite, P. K. (2015). Air monitoring of fungal spores inside the B. J. Wadia Library, Pune, India. <i>International Journal of Current Microbiology and Applied Sciences</i>. Vol.4, Issue (4): 35-40. • Thakur, V. A. and Jite, P. K. (2015). Circadian periodicity studies in the incidence of airborne spores of <i>Leptosphaeria</i> and <i>Didymosphaeria</i>. <i>International Journal of Current Research and Academic Review</i>. Vol. 3, Issue (4): 185-189. • Thakur V.A. (2016). Impact of monsoon on airborne fungal spores over <i>Phaseolus vulgaris</i> l. crop field at Pune, India. <i>Indian J. Aerobiol.</i>, vol. 29, no. 1 & 2, pp 28-36.

- **Thakur V.A.** (December 2017). Aerobiological study of other biocomponents during kharif season over *Phaseolus vulgaris* L. crop at Pune (M.S.). Ad. Plant Sci. 30 (II) 165 – 168.
- **Thakur V.A.** (April 2018). Aerobiological studies with special reference to airborne basidiospores of *Ganoderma* Karst. at Pune, Maharashtra, India. Annals of Plant Sciences 7:.5, pp 2209-2212.
- Patil S.Y. and **Thakur V. A.** (2019). Rhizosphere mycoflora from dry crop fields of *Sorghum* sp. (Jawar) in Dhule District (M.S. India). Int. Journal of Universal Science and Technology. Vol 5, No 4 pp 176-180.
- **Thakur V. A.,** Jite P. K., Chowdhury S. S. (March 2019). Airborne pollen survey of Ganeshkhind crop field area, Pune. International Journal of Research and Analytical Reviews (IJRAR) Vol. 6, Issue 1, pp10-18.
- **Vaishali A. Thakur** (April 2021). Studies on composition and components of airspora belonging to ascomycetes over *Phaseolus vulgaris* L. crop field during kharif season at Pune (M.S). International Journal of Botany Studies.

Conference Proceedings

- **Thakur V. A.** (2012). ‘Microbial Biodiversity in the Indoor Environment’ In Proceedings of National conference on “Biodiversity Monitoring and Research Current Practice and Future Needs,

Fergusson College, Pune, from 7th and 8th December 2012. ISSN:978-93-5087-589-6. Pp 245-250.

Research papers presented in Conference/Seminar/Webinar:

- “Aerobiology as a tool for detection of intramural allergic fungal spores from house dust of Dhule city” at International Conference on “Biodiversity and Environmental Crisis: Past, Present and Future at S.S.V.P.S L. K. Dr.P. R. Ghogrey, Science College, Dhule (M.S.) from 11/02/2011 to 13/02/2011.
- ‘Preliminary study of Aerospora inside the B.J. Wadia Library, Fergusson College, Pune.’ at National conference of Indian Aerobiological Society on Impact of Airborne Microbes jointly organized by MAEER’s, Arts, Commerce and Science College and Maharashtra Institute of Pharmacy Pune, from 13th to 15th December 2012.
- ‘Applied aspects of aerobiological investigations over *Phaseolus vulgaris* L. crop at Pune (M.S) at National conference on Concepts and New Trends in Aerobiology and Allergy (CANTAA) from 29th to 30th November 2013. Organized by Bharatiya Vidya Bhavan’s Hazarimal Somani College, Mumbai.
- ‘Aeromycoflora over Rajmah crop field at Pune (M.S)’ at National Seminar on Future Prospects of Biosciences organized by Bharati Vidyapeeth Deemed University’s

	<p>Yashwantrao Mohite College, Pune-38 from 17th to 18th January 2014.</p> <ul style="list-style-type: none"> • ‘Exploration of Aerobiodiversity over <i>Phaseolus vulgaris</i> L. Crop field at Pune (M.S.)’ at National conference on Biodiversity and Conservation of Medicinal, Endemic and Endangered Plants organized by S.S.V.P.S L. K. Dr. P. R. Ghogrey, Science College, Dhule (M.S.) from 21st and 22nd February 2014. • ‘Environment monitoring for disease forecasting of French bean crop’ in international conference on Innovative Trends in Chemical, Physical and Biosciences (ITCPB 2016) held at PDEA’s Annasaheb Magar Mahavidyalaya, Hadapsar, Pune-28 on 9th and 10th February 2016. • ‘Study of other aerobiocomponents over French bean crop at Pune (M.S.)’ at UGC sponsored National Seminar on Current Trends in Biodiversity Conservation and Climate Change organized by the Department of Zoology, Bharati Vidyapeeth University Yashwantrao Mohite College of Arts, Science & Commerce, Pune-38 held on 24th to 25th February 2016. • ‘Diversity in Circadian Rhythms of Airborne Fungal spores at Pune (India)’ at National conference on Advances in Life Science and Human Welfare sponsored by BCUD Dr. Babasaheb Ambedkar Marathwada University, Aurangabad organized by Dept.
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	<p>of Botany Dr. Rafiq Zakaria College for Women on 18th February 2017.</p> <ul style="list-style-type: none"> • ‘Diurnal Fluctuations of some fungal spores over Rajmah crop at Pune (M.S.)’ at 21st National Conference on Aerobiology hosted by Department of Botany, Visva-Bharati, Santiniketan from 18th to 20th November 2019. • ‘Diversity of Fungal Aerospora over French bean crop Field at Pune (M.S.)’ at International Conference on Recent Trends in plant Science of Botany organized by Agarwal Science, College, Navapur on 15th May 2020. • ‘Biofertilizer: Life enhancing life’ at International Conference on Biodiversity, Conservation and Tourism, organized by Kelkar College of Arts, Commerce and Science, Devgad on 17th May 2020. • ‘Rhizospheric and endophytic fungi study of <i>Mappia nimmonia</i> (j.graham) byng & stull: potential anticancer drug’ at the international conference on ‘Fungal diversity and its novel applications’ organized by Rayat Shikshan Sanstha’s S. M. Joshi College, Hadapsar, Pune on 9th April 2022 . • ‘Aerobiological study over <i>Glycine max</i> (L.) Merr. Crop field during summer season at Pune (M.S.)’ at the international conference on Recent trends in science and technology organized by Deccan Education society’s Willington College, Sangali on 29th June 2022.
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	<ul style="list-style-type: none"> • Preliminary study of Pollen grains of Pune (M.S) at International Conference on Changing, Perspective in Environment, Management, Humanities, Sciences and Technology jointly organized by Lalbahadur Shastri, Sr. College, Partur Dist. Jalna, ASC College, Sonai, Ahmednagar, Yuvaraja's College Mysuru, Karnataka, on 14th & 15th July 2022.
Participations in Conferences/Seminars/Symposia/Workshop/	<ul style="list-style-type: none"> • One-day seminar on “Biophysics” at Department of Biotechnology, Fergusson College, Pune on 31.10.2006. • One-day seminar on “Current trends in Life Sciences” at Department of Botany, Fergusson College, Pune on 28.02.2008. • Two days National Conference on “Biodiversity sustainable development and human welfare” at S.S.V.P.S. L K Dr. P R Ghogrey, Science College, Dhule from 10.1.2009 to 11.1.2009. • Two days National Conference on “Climate change and challenges in Biodiversity Conservation” at Deccan Education Society, Fergusson College Zoology Department, Pune-4 from 11.12.2009 to 12.12.2009. • Two days National Conference on “Recent trends in Life Sciences” at Pune District Education Associations Annasaheb Magar Mahavidyalaya, Hadapsar, Pune-411028 and Mahatma Phule Institute of Management and Computer Studies, Hadapsar, Pune-08 on 18.12.2009 and 19.12.2009. • Three days National workshop on “Computer assisted instruction with special reference to

	<p>Computer-assisted language learning” at Fergusson College, Pune-4 Department of English from 04.03.2010 to 6.03.2010.</p> <ul style="list-style-type: none"> • One-day seminar on “Emerging Crisis in Higher Education” organized by Pune University Teachers Association (PUTA) and Lokayat at Gokhale Institute of Politics and Economics on 25/09/10. • Three days International Conference on “Biodiversity and Environmental Crisis: Past, Present and Future at S.S.V.P.S L. K. Dr. P. R. Ghogrey, Science College, Dhule from 11.02.2011 to 13.02.2011. • One-day seminar on “Energy conservation and Environmental protection” jointly organized by Department of Environmental Science, Fergusson College, Pune and Petroleum conservation Research Association, Mumbai (under Ministry of Petroleum and Natural Gas, Govt. of India) at Fergusson College, Pune-4 on 20.07.11. • Three days international conference on “Current trends in medicinal plants research” at Dept. of Botany, University of Pune, Pune -7 From 10.01.12 to 12.01.12. • Five days National workshop on “Technology of Environmental Monitoring” organized by Dept. of Botany and sponsored by University Grants Commission (western regional office), Pune at Bharati Vidyapeeth Deemed University’s Yashwantrao Mohite College, Pune-38 from 23.01.2012 to 27.01.2012.
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	<ul style="list-style-type: none"> • One day seminar on “Molecular Biology and Plant Biotechnology” at P.G Dept. of Botany, Fergusson college, Pune-4 on 28.2.2012. • One day Seminar on “Science and society” organized by Dept. of Environmental science, University of Pune and Indian women scientist’s association, Pune branch on 8.03.2012. as a part of a Refresher course held between 7.03.12 to 27.03.12. • Participated in Three days’ workshop on F.Y.B.Sc. Question Bank Preparation under “Examination Reforms – UGC XI Plan” at Deccan Education Society, Fergusson College Pune -4 from 28.03.2012 to 30.03.2012. • One day seminar on “Recent Trends in Mycology and Plant Pathology” organized by P.G. Department of Botany, Fergusson College, Pune-4 on 17.08.12. • National conference on “Biodiversity Monitoring and Research Current Practice and Future Needs” sponsored by University Grants Commission, organized by Department of Zoology, Fergusson College, Pune-4 on 7th and 8th December2012. • National seminar on “Recent Trends in Life Sciences” sponsored by University Grants Commission, organized by Department of Botany, Bharti Vidyapeeth Deemed University, Yashwantrao Mohite College, Pune-38 on 21st and 22nd December2012. • Workshop on “Metals in health and Disease” organized by Agharkar Research Institute, Pune on 8th January 2013.
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	<ul style="list-style-type: none"> • One day seminar on “Concepts in Biotechnology” organized by Department of Botany, Fergusson college, Pune-4 on 13th February 2013. • Two days workshop on ‘IMSP Annual Monsoon’ organized by Indian Institute of Tropical Meteorology (IITM), Pune, during 19th and 20th February 2013. • Intercollegiate workshop on ‘Career Orientation and Study Techniques in Plant Sciences’ sponsored by Board of Students Welfare, SPPU, Pune-07 held at Sir Parashurambhau College, Pune-30 on 20th February 2016. • National conference on ‘Climate Change: Assessment, Impact and its relevance to India’ held at Sir Parashurambhau College, Pune supported by Board of College and University Development of Savitribai Phule Pune University, Pune-30 under Quality Improvement Program during 4th and 5th March 2016. • Organized and attended one day seminar in ‘Advances in Plant Biotechnology’ held on 22/08/2016 at P.G. Department of Botany, Fergusson College Pune-04. • National workshop on ‘Applications of Geoinformatics in Geographical and Botanical Studies’ organized by P.G. Teaching and Research center, Department of Geography and Department of Botany sponsored by BCUD, SPPU, Pune from 30th -31st January 2017 Sir Parashurambhau College, Pune-30.
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	<ul style="list-style-type: none"> • Organized and attended four days 5th Bharatiya Vigyan Sammelan and Expo held at Fergusson College Pune, from 11th - 14th May 2017. • Attended and Participated in Three days training program on ‘Use of Information and Communication Technology (ICT) for Effective Teaching’ organized by Deccan Education Society on 17th, 19th and 20th June 2017. • Attended and participated in the state level workshop on Hands on training on ‘Molecular techniques’ Organized by Department of Botany, Fergusson College on 12 & 13th January 2018. • Participated in one day TLC workshop on “Genetics” Organized under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT) funded by MHRD, Govt. of India at Department of Botany, Savitribai Phule Pune University, Pune on 30th January 2018. • Participated in one day TLC workshop on “Plant Molecular Biology” organized under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT) funded by MHRD, Govt. of India at Department of Botany, Savitribai Phule Pune University, Pune on 1st March 2018. • Participated in two days TLC workshop on “Plant Physiology and Biochemistry” organized under Pandit Madan Mohan Malviya National Mission on Teachers and
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	<p>Teaching (PMMMNMST) funded by MHRD, Govt. of India at Department of Botany, Savitribai Phule Pune University on 3rd& 4th March 2018.</p> <ul style="list-style-type: none"> • Attended and participated in state level workshop on “R-Software” organized by Department of Statistic, Fergusson College, Pune on 7th and 8th March 2018. • Participated in two days' workshop on “Teaching and learning skills in Plant Ecology” organized under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMST) funded by MHRD, Govt. of India at Department of Botany, Savitribai Phule Pune University on 20-21st April 2018. • Participated in three days' workshop on “Teaching and learning skills in Taxonomy, Biodiversity and Bioprospecting of Fungi” Organized under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMST) funded by MHRD, Govt. of India at Department of Botany, Savitribai Phule Pune University, Pune from 20th – 22nd December 2018. • International conference on ‘New frontiers in environmental and allied sciences organized by Prof Ramkrishna More ACS College, Akurdi on 15th and 16th February 2019. <p>Online Seminar, Conference, Workshop attended:</p> <ul style="list-style-type: none"> • Attended National Webinar on ‘Potential and Applications of Indigenous Bio-Resources’ organized by Department of Botany,
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	<p>Zoology, Biotechnology & Microbiology of S.S.V.P. Sanstha's L.K.Dr.P.R. Ghogrey Science College, Dhule from 14 to 15 May 2020.</p> <ul style="list-style-type: none"> • Participated in two days national webinar on 'Lets overcome corona crisis with positivity' organised by Dept. of Psychology and IQAC of Dadasaheb Digamber Shankar Patil Arts, Commerce and Science College, Erondol, Dist. Jalgaon on 18 & 19 May 2020. • Attended National Level Webinar on 'Post Covid Academic Scenario' organized by North Maharashtra University and College Teachers Association, Jalgaon (N-MUCTA), from 18 to 22 May 2020. • Attended One Day Online Multidisciplinary International Conference on 'Health Hygiene and Higher Education (HHH2020)' organized by Sant Rawool Maharaj Mahavidyala, Kudal (MS) on 30 May 2020. • Attended e-Seminar on 'Covid 19: Impact, Challenges and Innovations in Education Systems and NAAC' organized by IQAC of S.S.V.P. Sanstha's L.K.Dr.P.R. Ghogrey Science College, Dhule on 3 & 4 of June 2020. • Attended one day national webinar on 'Post Covid Teaching Scenario with Google Classroom' organized by Smt. Narmadabai Nago Chaudhari Arts, Commerce & Science College, Kusumba (MS) on 7 June 2020. • Attended Two days online workshop on 'Research writing and legal Aspects of Academic Research (Life science)' organized
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	<p>by Faculty Development Centre, U.G.C-Human Resource Development Centre, Savitribai Phule Pune University, Pune under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching on 12 & 13 June 2020.</p> <ul style="list-style-type: none"> • Attended One day National e-conference on ‘Medicinal & Wild edible plants-The Immunomodulators for Covid19 Pandemic’ organized by department of Botany, Smt. Radhabai Sarda Arts, Commerce & Science College, Anjangaon Surji, Dist. Amaravati (Maharashtra) on 22 June 2020. • One Day International Webinar on ‘Innovations and Practices in Biological and Environmental Sciences’ organized by Raghunath Girls (P.G.) College, Meerut (U.P.) on 28 June 2020. • National webinar on ‘Amazing world of Pollination’ organized by Post Graduate Department of Botany, Nevjabai Hitkarini College, Bramhapuri, Dist- Chandrapur on 30 June 2020. • Webinar on ‘Mushroom: Taboos, Myths, Mysteries, and Beyond...’ organized by AIMST Biotechnology students Association (ABSA) as a part of its webinar series at AIMST University, Malaysia, on 26 December 2020. • Virtual workshop entitled ‘Search before Research’ organized by Fergusson College, (Autonomous), Pune under UGC-STRIDE component-1 held for three days from 28 to 30 Dec 2020.
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	<ul style="list-style-type: none"> • Participated in UGC Sponsored ‘Online webinar on Ethics & Research’ organized by UGC- Human Resource Development Centre, Gujarat University, Ahmedabad on 24 Feb 2021. • International webinar on ‘Biodiversity of Fungi’ organized by Dept. of Botany, Dr. Babasaheb Ambedkar College of Arts, Science & Commerce, Mahad-Raigad on 22 & 23 March 2021. • Online workshop on ‘Statistical Analysis using R’ conducted by Department of Statistics, Fergusson College, (Autonomous), Pune under UGC-STRIDE component1 held on 5 and 6 May 2021. • One Month workshop on ‘Preventive Healthcare: Yoga for Anxiety and Stress Management during Covid Pandemic’ organized by Dept. of Physical Education and IQAC, Janki Devi Memorial College, Delhi from 21 May to 21 June 2021. • Online National webinar on ‘Ecosystem Restoration’ organized by P.G. Dept. of Botany, L.V.H. College, Panchavati, Nasik on 5 June 2021. • International conference on ‘Fungal diversity and its novel applications’ organized by Rayat Shikshan Sanstha’s S. M. Joshi College, Hadapsar, Pune on 9th April 2022. • International conference on Recent trends in science and technology organized by Deccan Education society’s Willington College, Sangali on 29th June 2022.
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<p>Event Organized/Conference / Seminar/ Workshops coordinated</p>	<ul style="list-style-type: none"> • Organized one day seminar in ‘Advances in Plant Biotechnology’ at P.G. Department of Botany, Fergusson College Pune-04, on 22nd August 2016. • Organized “5th Bhartiya Vigyan Sammelan and Expo” at Fergusson College, Pune, 11th to 14th May 2017 • Worked as Co-ordinator for Flora 2019-20. • Organized one day workshop on “Research Publication and It’s Ethics” at Department of Botany, Fergusson College (Autonomous), Pune, on 29 April 2022. • Worked as Co-ordinator for workshop on “Nutrition for enhancing overall health and wellbeing of staff.” organized by Department of Botany and Chemistry, Fergusson College (Autonomous), Pune on 8th August 2022. • Worked as Co-ordinator for workshop on “Nutrition for enhancing academic performance in students” organized by the Department of Botany and Chemistry, Fergusson College (Autonomous), Pune on 10th August 2022.
<p>Additional Skills/Activities</p>	<p>Faculty Development Programme</p> <ul style="list-style-type: none"> • General Orientation program at UGC-ASC University of Pune-4110077 between 7/09/2010-4/10/2010 under UGC Scheme with A Grade. • Refresher course in “Environment Science” conducted at Department of Environment Science, University of Pune, Pune-411007 and UGC-ASC University of Pune between 7/03/2012-27/03/2012 under UGC Scheme.

	<ul style="list-style-type: none"> • Refresher course in “Natural and Bioscience” conducted at Department of Botany, Savitribai Phule Pune University, Pune-411007 from 16/08/2018 to 05/09/2018 under UGC Scheme. • Short-term Faculty Development Programme of one week (Seven days) on E-Content Development (Botany) conducted at the Department of Education and Extension, Savitribai Phule Pune University, Pune-411007 from 4/02/2019 to 10/02/2019 under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching. • Short-term Faculty Development Programme of Ten days on “Soft skills for Teachers” (Botany) conducted at the Faculty Development Centre, U.G.C-Human Resource Development Centre, Savitribai Phule Pune University, Pune-411007 from 03/07/2019 to 12/07/2019 under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching. <p>Online FDP:</p> <ul style="list-style-type: none"> • Short term FDP on ‘Research Writing And Legal Aspects Of Academic Research’ organized by Faculty Development Centre UGC- Human Resource Development Centre, Savitribai Phule Pune University, Pune 411007 from 12/06/2020 to 13/06/2020 under PMMMNMTT scheme. • Participated in ‘International yoga awareness FDP’ organised by SSJES Arts, Commerce & Science College, Gangakhed and Yog
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	<p>Sadhana Kendra, Parbhani from 15th June to 19th June 2020.</p> <ul style="list-style-type: none"> • Short term six days FDP on ‘Mathematics for Biological Sciences’ organized by Shardabai Pawar Mahila Arts, Commerce & Science College, Baramati, Pune 413115 from 15th June to 20th June 20 under U.G.C-HRDC, Savitribai Phule Pune University, PMMMNMTT scheme. • Participated in one-week Pedagogical Training for Teachers on ‘Tools for online Teaching Learning and Evaluation’ organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded from 1st July to 6th July 2020. • Participated in one week online National FDP on ‘E-contents and ICT tools for innovative and effective teaching’ organised by KS Jain institute of engineering and technology, Modinagar, Ghaziabad (Approved by AICTE and Affiliated to AKTU, Lucknow) from 15th July to 21st July 2020. • Participated in FDP on ‘Research article writing, and online academic preparations’ organized by Zoology and Biotechnology Dept. of Government Girls PG college, Ujjain in association with the National Academy of Science Bhopal, from 17th August to 23rd August 2020. • Participated in FDP on ‘Innovative Teaching and Research in Science: Exploring the new Horizons’ organized by Science Forum in association with IQAC, Government First
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	<p>Grade College, Vijayanagar, Karnataka from 10th to 15th June 2021.</p> <p>College Committee</p> <ul style="list-style-type: none"> • Member of Botany Association (2005 onwards) • Worked as SYBSc Botany practical Incharge. • Worked as FYBSc Botany Practical Incharge. • Worked as member of planning and development committee. • Worked as member of green campus committee. • Board of Studies in Botany - Member (2017 onwards) • Actively involved in mentoring program of B.Sc. students. (2018 onwards) • Worked as Coordinator for department event “Flora”. • Working as SOEC Co-ordinator for Sneh foundation. (2021-2022). • Working as D IQAC (2021 Onwards).
Course content developed (e -content)	F.Y.B.Sc Botany BOT 1102 Phytochemistry.