

CURRICULUM VITAE

- 1) Name : Dr. Kanade Mahadev Bhimappa
- 2) Educational Qualification : M.Sc., Ph.D.
- 3) Present Designation : Professor
- 4) Date of Birth : 29th August, 1977
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- 6) Email ID : mahadevkanade1@gmail.com
- 7) Date of Appointment : 01/09/2005
- 8) Teaching Experience : 20 Years
- 9) Date of joining in present college : 01/09/2005
- 10) Educational Qualification :

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subject(s)	Class/ Grade
1.	Ph. D.	Shivaji University, Kolhapur	January, 2005	Botany	-
2.	M.Sc.	Shivaji University, Kolhapur	April, 2001	Botany	First - Class
3.	B.Sc.	Shivaji University, Kolhapur	April, 1999	Botany	First - Class

- 11) Total Research Publications : 79

a. M.Phil. / Ph.D./Research

Sr. No.	M.Phil. / Ph. D. Thesis Title	Name of The Univ.	Year of award	Name of Guide
1	“Effects of Allopurinol, Salicylic acid and Potassium on Rusts of Crop Plants”.	Shivaji University, Kolhapur.	January, 2005	Prof. Dr. T. M. Patil

b. Book: 01

Sr. No.	Title of Book	Year of publication	ISBN	Name & Place of Publisher
1.	Botany BOT 351 Cryptogamic Botany	2021	Nil	Prashant Publication

c. Chapter in Book: 01

Sr. No.	Title of Book & Name of Editor	Title of the Chapter	Year of publication	ISBN	Name & Place of Publisher
1.	Book Chapter Medicinal potential and secondary metabolites.	Advances in Chemical and Biological Sciences	2024	-	Advances in Chemical and Biological Sciences

Research Paper: 79

Sr. No.	Title of the Paper	Name of Journal	Month and Year of publication	ISSN	UGC. No./Impact Factor/ Citation Details
1.	Effect of salicylic acid on some biochemical aspects in rust susceptible wheat var. 'Agra local'.	<i>Journal of Phytological Research.</i>	2004	0970- 5767	Peer Reviewed, Citation 03
2.	Effect of different concentrations of potassium on seedling growth and some defence related enzymes in rust susceptible wheat var. 'Agra local'.	<i>Advances in Plant Sciences.</i>	2005	0970-3586	Peer Reviewed
3.	Effect of potassium on induction of biochemical defence against rust in wheat.	<i>Journal of Phytological Research.</i>	2007	0970- 5767	Peer Reviewed
4.	Effect of foliar application of salicylic acid on polyphenol, proline and carbohydrates content in wheat and sorghum.	<i>Advances in Plant Sciences.</i>	2008	0970-3586	Peer Reviewed, Citation 05
5.	Host range of genus <i>Cuscuta</i> in Solapur district of Maharashtra.	<i>Bioinfolet.</i>	2009	0973-1431	Peer Reviewed, Citation 01
6.	Effect of organophosphorus pesticide on the enzyme catalase in some vegetable crops.	<i>Bioinfolet.</i>	2009	973-1431	Peer Reviewed
7.	Salicylic acid and its role in plant defence responses.	<i>Geobios.</i>	2010	0251- 1223	Peer Reviewed
8.	Nutrient relations of two mistletoes and their host.	<i>Geobios.</i>	2010	0251- 1223	Peer Reviewed
9.	Influence of organophosphorus pesticides on oxidative enzymes in some vegetable crops.	<i>Geobios.</i>	2010	0251- 1223	Peer Reviewed
10.	Thalloid liverworts and its rhizosphere soil mycoflora from hill forts of Western Ghats of Maharashtra.	<i>Geobios.</i>	2010	0251- 1223	Peer Reviewed
11.	Influence of allopurinol on physiological attributes in relation to defence mechanism in wheat and sorghum.	<i>Geobios.</i>	2010	0251- 1223	Peer Reviewed
12.	Artificial inoculation of <i>Cuscuta</i> to non-host plants.	<i>Geobios.</i>	2010	0251- 1223	Peer Reviewed, Citation 03
13.	Accumulation of free proline in vegetable seeds subjected to a pesticide shock.	<i>Journal of Phytological Research.</i>	2010	0970- 5767	Peer Reviewed
14.	Biochemical changes in crop plants treated with organophosphorus pesticides.	<i>Pesticide Research Journal</i>	2010	0970-6763	Peer Reviewed, Citation 01
15.	Screening of <i>Plagioglasma simulensis</i> Kash. for antifungal activities from Western Ghats of Maharashtra.	<i>Advances in Plant Sciences.</i>	2011	0970-3586	Peer Reviewed
16.	Nitrate and nitrite reductase enzyme activity in some vegetable seedlings under the influence of organophosphorus pesticides.	<i>Advances in Plant Sciences.</i>	2011	0970-3586	Peer Reviewed
17.	Effect of acid scarification on seed germination and seedling growth in <i>Cuscuta reflexa</i> Roxb.	<i>Advances in Plant Sciences.</i>	2011	0970- 3586	Peer Reviewed
18.	Diversity of arbuscular mycorrhizal (AM) fungi in some common plants of Marathwada region.	<i>International Multidisciplinary Research Journal.</i>	2011	2231-6302	Peer Reviewed, Citation 16
19.	Growth effect of <i>Capsicum annum</i> var. Jwala plants inoculated with <i>Glomus</i>	<i>International Multidisciplinary</i>	2011	2231-6302	Peer Reviewed,

	<i>fasciculatum</i> and <i>Trichoderma</i> species.	<i>Research Journal.</i>			Citation 06
20.	Mineral nutrients response of wheat and sorghum to foliar application of some chemicals.	<i>Journal of Phytological Research.</i>	2011	0970-5767	Peer Reviewed
21.	Role of allopurinol in the activation of defence related enzymes in wheat.	<i>Journal of Phytological Research.</i>	2011	0970-5767	Peer Reviewed
22.	Chemical composition of healthy and infected turmeric leaves.	<i>Bioinfolet.</i>	2012	0973-1431	Peer Reviewed
23.	Pesticide residues in vegetable plants guar and onion.	<i>International Journal of Science.</i>	2012	2277-5641	Peer Reviewed, Citation 03
24.	Studies on the antimicrobial activity of family Ricciaceae, <i>Riccia discolor</i> L. extracts at Western Ghats of Maharashtra, India.	<i>Advances in Plant Sciences.</i>	2012	0970-3586	Peer Reviewed, Citation 01
25.	Allelopathic effect of three <i>Euphorbia</i> species on seed germination and seedling growth of wheat.	<i>Annals of Biological Research.</i>	2012	0976-1233	Peer Reviewed, Citation 22
26.	Association of arbuscular mycorrhizal fungi in some angiospermic plants of Maharashtra, India.	<i>International Multidisciplinary Research Journal.</i>	2012	2231-6302	Peer Reviewed, Citation 05
27.	Antifungal properties of commonly used spices.	<i>Advances in Plant Sciences.</i>	2013	0970-3586	Peer Reviewed
28.	Studies on the antimicrobial screening of hornworts (Anthocerotae) from Western Ghats of Maharashtra.	<i>Advances in Plant Sciences.</i>	2013	0970-3586	Peer Reviewed
29.	Changes in ATPase and IAA oxidase activity in vegetable plants under the influence of methyl parathion and phosphamidon.	<i>Annals of Biological Research.</i>	2013	0976-1233	Peer Reviewed
30.	Allelopathic effect of two common weeds on seed germination, root-shoot length, biomass and protein content of jowar.	<i>Annals of Biological Research.</i>	2014	0976-1233	Peer Reviewed, Citation 24
31.	Study of <i>Cuscuta reflexa</i> Roxb. with reference to host diversity, anatomy and biochemistry.	<i>Central European Journal of Expt. Bio.</i>	2014	2278-7364	Peer Reviewed, Citation 07
32.	Comparative study on enzyme activity of healthy and infected leaves of turmeric varieties.	<i>Annals of Biological Research.</i>	2014	0976-1233	Peer Reviewed
33.	Antifungal potential of <i>Cuscuta reflexa</i> Roxb.	<i>Central European Journal of Experimental Biology.</i>	2014	2278-7364	Peer Reviewed, Citation 04
34.	Biochemical studies of <i>Cuscuta reflexa</i> Roxb. and its host plants.	<i>Flora and Fauna.</i>	2014	0971-6920	Peer Reviewed
35.	Variation in mineral composition of leaves and sediments of <i>Sonneratia apetala</i> Buch. Ham. from different localities of Raigad district of Maharashtra, India.	<i>Bionano Frontier.</i>	2015	0974-0678	Peer Reviewed
36.	Allelopathic effect of <i>Cuscuta reflexa</i> Roxb. on some physiological aspects in wheat.	<i>Bionano Frontier.</i>	2015	0974-0678	Peer Reviewed, Citation 04
37.	Studies on aeromycoflora over jowar fields at Barshi area during kharif season.	<i>Bionano Frontier.</i>	June, 2016	0974-0678	Peer Reviewed
38.	Investigation of allelopathic effect of <i>Pascalia glauca</i> Ortega on seed germination and seedling growth of wheat.	<i>Indian Journal of Fundamental and Applied Life Sciences.</i>	September, 2016	2231-6345	Peer Reviewed, Citation 02
39.	Effect of methanol extract of <i>Pascalia</i>	<i>International Journal</i>	2017	2277-209X	Peer

	<i>glauca</i> Ortega on wheat seed germination studies.	<i>of Food, Agriculture and Veterinary Sciences.</i>			Reviewed
40.	Allelopathic potential of <i>Pascalia glauca</i> Ortega. aqueous extract against seedgermination and seedling growth of groundnut.	<i>Bioscience Discovery.</i>	January, 2017	2231-024X	Peer Reviewed, Citation 01
41.	Seasonal changes in trace elements in <i>Pentatropis nivalis</i> J.F.Gmel (Field & Wood) growing in secondary saline habitats from Baramati tahasil (M.S.) India.	<i>Advances in Plant Science.</i>	June, 2017	0970-3586	Peer Reviewed
42.	Accumulation of free amino acid in <i>Pentatropis nivalis</i> J.F.Gmel (Field & Wood) growing on secondary saline soils of Baramati tahasil (M.S.) India.	<i>Advances in Plant Science.</i>	June, 2017	0970-3586	Peer Reviewed
43.	Aeromycological investigations over wheat, sugarcane and grape fields at Baramati (Pune), Maharashtra.	<i>Bioscience Discovery.</i>	January, 2018	2231-024X	Peer Reviewed
44.	Aeromycoflora over jowar and pomegranate fields at Baramati, Dist. Pune (M.S.).	<i>Bioscience Discovery.</i>	January, 2018	2231-024X	Peer Reviewed
45.	Incidence of fungal aerospora over rape and pomegranate fields.	<i>International Journal for Science and Advance Research in Technology.</i>	January, 2018	2395-1052	Peer Reviewed
46.	Response of wheat to allelopathic effects of <i>Argemone mexicana</i> L.	<i>International Journal for Science and Advance Research in Technology.</i>	March, 2018	2395-1052	Peer Reviewed
47.	Seasonal changes in concentrations of carbohydrates in <i>Pentatropis nivalis</i> Wight & Arn, succulent halophyte growing in secondary salt-affected soil from Baramati tahasil (M.S.) India.	<i>International Journal for Science and Advance Research in Technology.</i>	March, 2018	2395-1052	Peer Reviewed
48.	Appraisal of family Polyporaceae (Aphyllorphales) from Ratnagiri district of Maharashtra.	<i>Contemporary Research in India.</i>	February, 2018	2231-2137	Peer Reviewed
49.	Allelopathic effect of <i>Pascaliaglauca</i> Ortega. aqueous extract on photosynthetic pigments of <i>Triticum aestivum</i> L. and <i>Arachis hypogea</i> L. seedlings.	<i>International Journal of Creative Research Thoughts.</i>	April, 2018	2320-2882	Peer Reviewed
50.	Comprehensive Account of <i>Leucophellinus hobsonii</i> (Berk.ex Cooke) Ryvarden (Schizoporaceae) A Poroid species from Ratnagiri district of Western Ghats of India.	<i>Indian Forester.</i>	January, 2019	2321-094X	Peer Reviewed Citation 02
51.	<i>Lentinus velutinus</i> Fr. Linn (Polyporaceae) a new record for Maharashtra state of India.	<i>International Journal of Life Sciences Research.</i>	June, 2019	2348-3148	Peer Reviewed
52.	Synthesis of Silver Nanoparticles by using <i>Irpex lacteus</i> (Meruliaceae) a woodrotting Aphyllorphore.	<i>International Journal of Scientific Research and Reviews.</i>	June, 2019	2279-0543	Peer Reviewed
53.	Study on algal diversity and physico-chemical water analysis of Baramati area.	<i>World Journal of Pharmaceutical and</i>	July, 2019	2454-2229	Peer Reviewed

		<i>Life Science.</i>			
54.	Studies on Post-Harvest Fungal Pathogens of PapayaFruits (<i>Carica papaya</i> L).	<i>International Journal of Current Microbiologyand Applied Sciences.</i>	July, 2019	2319-7706	Peer Reviewed, Citation 03
55.	Powdery Mildew Fungi from Phaltan area of Satara District,Maharashtra.	<i>International Journal of Current Microbiology and Applied Sciences.</i>	July, 2019	2319-7706	Peer Reviewed, Citation 03
56.	Checklist of Macro-fungi fromBaramati Area of Pune District, MS, India.	<i>International Journal of Current Microbiology and Applied Sciences.</i>	July, 2019	2319-7706	Peer Reviewed, Citation 01
57.	Isolation and Identification ofSoil Fungi of Banana Fields form Baramati Area of Pune District of Maharashtra.	<i>International Journal of Current Microbiology and Applied Sciences.</i>	July, 2019	2319-7706	Peer Reviewed
58.	A phanerogamic parasite- <i>Cuscuta reflexa</i> Roxb. : A Review	<i>Bioinfolet.</i>	October, 2020	0973-1431	Peer Reviewed UGC Approved
59.	Diversity of family Meruliaceae at Ratnagiri district of Maharashtra, India.	<i>Bioinfolet.</i>	October, 2020	0973-1431	Peer Reviewed UGC Approved
60.	Screening of fungi causing powdery mildew from Indapur tehsil of Pune district.	<i>Bioinfolet.</i>	October, 2020	0973-1431	Peer Reviewed UGC Approved
61.	A review on aeromycologicalstudies.	<i>Advances in Plant Science.</i>	June, 2020	0970-3586	Peer Reviewed
62.	Relationship between macro and micronutrients profile withfungal flora of rhizosphere soils from wheat, maize and <i>Sorghum</i> fields of Baramati area.	<i>International J.of Current Microbiology and Applied Sciences.</i>	December, 2020	2319-7706	Peer Reviewed
63.	First report of <i>Pseudoidium</i> sp. causing powdery mildew on <i>Tecoma capensis</i> in India, Plant Pathology & Quarantine.	<i>Plant Pathology & Quarantine.</i>	October, 2021	2229-2217	Peer Reviewed
64.	Allelopathic effect of aqueous extracts of <i>Trichodesma indicum</i> (L.) R. BR. And <i>Tribulus terrestris</i> L. on seed germination and seedlings growth of maize and wheat.	<i>International Journal of Researches in Biosciences, Agriculture and Technology.</i>	January, 2022	2347-517X	Peer Reviewed
65.	First record of <i>Erysiphe</i> sp. (<i>Pseudoidium</i> sp.) causing powdery mildew on <i>Ipomoea quamoclit</i> L. from India.	<i>Indian Forester.</i>	July, 2022	0019-4866	0.666
66.	First report of <i>Leveillula clavata</i> causing powdery mildew on <i>Euphorbia leucocephala</i> from India.	<i>Forest Pathology.</i>	February, 2023	-	0.666
67.	Powdery mildew on <i>Coccinia grandis</i> caused by <i>Golovinomyces tabaci</i> in India.	<i>Australasian Plant Disease Notes.</i>	September, 2022	-	0.301
68.	Allelopathic influences of <i>Goniocaulon indicum</i> C.B.Clarke. on seed germination and seedlings growth of maize and wheat.	<i>International Journal of Botany Studies.</i>	February, 2023	2455-541X	Peer Reviewed
69.	A new record for Maharashtra, Western Ghats, India,	<i>Phytomorphology</i>	2024	-	UGC Approved
70.	Identification of anamorphic Indian powdery mildews (Erysiphaceae) based on sequence analyses	<i>Current Research in Environmental and Applied Mycology</i>	2024	2229-2225	UGC Approved
71.	Bioactive Compounds of Bryophytes:	<i>International Journal of</i>	2024	2454-1117	UGC

	Unveiling Antimicrobial Properties and Therapeutic Potential	<i>Plant and Environment</i>			Approved
72.	Phylogeny and taxonomy of the genera of Erysiphaceae: <i>Erysiphe santalicola</i>	<i>Mycologia</i>	2024	-	UGC Approved
73.	Biochemical diversity and elemental composition of <i>Irpex lacteus</i> and <i>Hexagonia nitida</i> : Towards sustainable exploitation of fungal resources	<i>The Bioscan</i>	2024	-	UGC Approved
74.	Studies on bioactive compounds of <i>Ganoderma lucidum</i> Lingzhi from Baramati Tahsil of Pune District	<i>International Journal of Scientific Research and Reviews</i>	2024	-	Peer Reviewed
75.	Mycochemical profiling of <i>Microporus xanthopus</i> and <i>Lenzites elegans</i> : Insights into their potential for herbal drug development	<i>Eco. Env. & Cons</i>	2025	-	Scopus
76.	Assessment of rhizosphere soil fungi <i>Alternaria longipes</i> and <i>Fusarium incarnatum</i> for bioactive compounds with respect to pharmaceutical potential	<i>J. of Mycopathol</i>	2025	-	UGC Approved
77.	Sanger sequencing of rhizosphere soil fungi associated with <i>Cicer arietinum</i> L.	<i>Asian J. of Microbiol. Biotech. Env. Sc.</i>	2025	-	Scopus
78.	Allelopathic effects of leachates of <i>Trichodesma indicum</i> (L.) R. Br. on seed germination and seedling growth of maize and wheat	<i>Adv. Biores.</i>	2025	-	Scopus
79.	Extraction and characterization of bioactive compounds from a newly identified bryophyte, <i>Duthiella declinata</i> , and its antimicrobial potential	<i>Biocatalysis and Agricultural Biotechnology</i>	2025	-	UGC Approved

a. Research Project: 04

Sr. No.	Name of Funding Agency	Project Title	Funds Received	Month and Year of sanction	Duration of the Project	Status of Project
1.	BCUD, SPPU, Pune	Antimicrobial properties of bryophytes from Western Ghats of Maharashtra	75,000/-	2009	2009-2011	Completed (Co-Investigator)
2.	BCUD, SPPU, Pune	Studies on host plants of <i>Cuscuta reflexa</i> Roxb. in Baramati area with reference to anatomy, biochemistry and pathophysiology	2,25,000/-	2012	2012-2014	Completed (Principal Investigator)
3.	BCUD, SPPU, Pune	Autecological studies on <i>Sonneratia</i> species from Raigad district of Maharashtra	2,25,000/-	2012	2012-2014	Completed (Co-Investigator)
4.	BCUD, SPPU, Pune	Aeromycological studies in Baramati area of Pune district of Maharashtra.	1,90,000/-	2016	2016 - 2018	Completed (Principal Investigator)

b. Papers presented in Seminar / Conference: 14

Sr. No.	Name of the Conference/ Seminar	Title of the paper	Date	Level (State/ National/ International)	Name of the Organizer
1.	19 th APSI Scientists Meet	Mineral elements analysis of	30/09/2010 to	National	S. N. Wanita

	- 2010 and National Conference on Plant Biotechnology towards Nutrition and Nutraceutical Potential.	thalloid liverwort rhizosphere soil from Rajgarh and Purandhar hill forts of Western Ghats of Maharashtra.	01/10/2010		Mahavidyalaya, Hyderabad (AP).
2.	20 th APSI Scientists Meet - 2011 and National Conference on Current Innovations in Plant Sciences.	Studies on the genus <i>Plagiochasma</i> Lehm. and Lindenb. for physicochemical, biological and antimicrobial properties from Western Ghats of Maharashtra, India.	05 to 07/02/2011	National	K. J. Somaiya College, Kopargaon, Dist. Ahmednagar.
3.	National level seminar on Plant Biodiversity for Sustainable Development.	Host diversity of <i>Cuscuta reflexa</i> Roxb. and it's anatomical studies.	10 to 12/03/2011	National	Department of Botany, Pune University, Pune.
4.	21 st APSI Scientists Meet - 2012 and National Conference on Recent Trends in Plant Sciences.	Study of enzyme nitrate reductase and acid phosphatase from healthy and infected leaves of turmeric.	03 to 05/02/2012	National	Department of Botany, Tuljaram Chaturchand College, Baramati.
5.	Innovation – 2013, Regional Research Conference.	Studies on host plants of <i>Cuscuta reflexa</i> Roxb. in Baramati area with reference to anatomy, biochemistry and pathophysiology.	16/04/2013	University	Ahmednagar College, Ahmednagar.
6.	23 rd APSI Scientists Meet - 2014 and National Conference on biodiversity and Ecological Sustainability.	Host range diversity of <i>Cuscuta reflexa</i> Roxb. in Baramati area of Pune district of Maharashtra.	15 to 16/02/2014	National	S.C.S.(J) College, Puri, Odisha.
7.	Innovation – 2014, Regional Research Conference.	Studies on host plants of <i>Cuscuta reflexa</i> Roxb. in Baramati area with reference to anatomy, biochemistry and pathophysiology.	29/04/2014	University	Baburaoji Gholap College, Sangvi.
8.	25 th APSI Silver Jubilee Scientists Meet - 2016 and International Conference on “Plant Research and Resource Management”.	Study of diversity of Agaricales in around Baramati area.	11 to 13/02/2016	International	Tuljaram Chaturchand College, Baramati.
9.	“Plant Research and Resource Management”	Present Status of fungal diseases of jowar fields at Barshi area, Maharashtra.	2016	International	Tuljaram Chaturchand College, Baramati.
10.	“Plant Research and Resource Management”	Studies on biological and antifungal activity of mosses from Mahabaleshwar, Maharashtra, India.	2016	International	Tuljaram Chaturchand College, Baramati.
11.	“Plant Research and Resource Management”.	The wood rotting fungi from Ratnagiri District of Western Ghats of Maharashtra.	2016	International	Tuljaram Chaturchand College, Baramati.
12.	“Plant Research and Resource Management”.	A Review on <i>Pascalina glauca</i> Ortega as poisonous weed barrier in crop fields of Sangli District, Maharashtra.	2016	International	Tuljaram Chaturchand College, Baramati.
13.	“Plant Research and Resource Management”.	Sporophytic and gametophytic studies in <i>Equisetum diffusum</i> D. Don from Baramati (Pune), Maharashtra, India.	2016	International	Tuljaram Chaturchand College, Baramati.

14.	National Conference on Biodiversity and Conservation of Wetland.	Study of powdery mildew fungi from Baramati area.	10 to 11/01/2020	National	B. D. F. Dayanand College, Solapur.
15.	International Conference on Biotechnology for Better Tomorrow : BTBT-2024	Studies on Fungal Flora Associated with <i>Vigna radiata</i> L. from Pahunewadi of Baramati tahsil, Pune District.	16 to 17/05/2024	International	Institute of Fundamental and Applied Research, National Research University (TIAME), Tashkent, Uzbekistan
16.	International Conference on Role of Fungi in Sustainable Development - From Exploration to Application and 2nd Annual Meet of Association of Fungal Biologists (AFB)	Sanger sequencing of some dominant rhizosphere soil fungi associated with <i>Cicer arietinum</i> L. from Baramati tahsil, Pune.	23 to 25/10/2024	International	Prof. Ramkrishna More Arts, Commerce and Science College, Akurdi, Pune and Savitribai Phule Pune University, Pune

a) Research Guidance: Guide ship Details

Sr. No.	M.Phil./ Ph.D. Guide	Name of University	Month & Year of recognition	No. of Research Scholars	
				Completed	Perusing
1	M. Phil.	Alagappa University, Karaikudi - 630 003, Tamilnadu.	2007	01	-
2	Ph.D. Guide	Savitribai Phule Pune University.	-	05	06

b) Research Guidance: Awarded : 05

Sr. No.	Name of Scholar	Name of University	Month & Year Registration	Title of the Research
1.	Mr. Mujawar Ilahi Ismail	SPPU, Pune	29/06/2015 Awarded on 03/03/2020	Investigation of Allelopathic potential in <i>Pascalial glauca</i> Ortega.
2.	Mr. Yemul Nageshwar Bhikshapati	SPPU, Pune	29/06/2015 Awarded on 09/07/2020	Studies in Aphyllorphorales of Ratnagiri District (M.S.).
3.	Mr. Wagh Sujit Hanumant	SPPU, Pune	13/03/2018 Awarded on 10/01/2023	Studies on Powdery Mildew Fungi of Pune District (M.S.).
4.	Ms. Gaikwad Priyanka Anil	SPPU, Pune	17/01/2020 Awarded on 08/08/2025	Allelopathic Studies of Some Weeds from Agricultural Fields in Baramati Tahsil, Dist. Pune (M.S.).
5.	Mr. Bankar Prasad Jalindar	SPPU, Pune	29/03/2022 Awarded on 08/09/2025	Studies on isolation, identification and characterization of dominant fungi from rhizosphere of <i>Vigna radiata</i> L. (Mung Bean) and <i>Cicer arietinum</i> L. (Chickpea).

Sr. No.	Name of Research Scholar	Name of University	Month & Year Registration	Title of the Research
1.	Ms. Bhosale Sandhya Shivaji	SPPU, Pune	29/03/2022 Working	Studies on fresh water fungi of natural reservoirs from Baramati tahsil with special reference to eutrophication.
2.	Ms. Shelar Pradnya Baban	SPPU, Pune	29/03/2022 Working	Physiological and nutritional studies on <i>Auricularia</i> mushroom to seek its potential as edible fungus through mass cultivation.
3.	Mr. Chandanshive Aniket Ashok	SPPU, Pune	29/03/2022 Working	Studies on efficacy of phytoextracts against Fungal Pathogens of <i>Capsicum annuum</i> L. [Chilli]
4.	Ms. Jagtap Vidya Lakshman	SPPU, Pune	05/07/2023 Working	Studies on isolation and Characterization of bioactive compounds from some species of the wood rotting fungal genera <i>Fomes</i> and <i>Flavodon</i> .
5.	Mr. Linge Somnath Sadashiv	SPPU, Pune	12/04/2025 Working	Studies on powdery mildew fungi of Solapur District
6.	Mr. Omkar Nagnath Balwantrao	SPPU, Pune	12/04/2025 Working	Studies on phytochemical screening for bioactive potential of <i>Lantana involucrate</i> L.

12) Professional recognition / award/ fellowship etc.

Sr. No.	Name of Award/ Recognition	Awarding Agency	Date
1.	Recognized P.G. Teacher in Botany	Savitribai Phule Pune University, Pune.	March, 2010
2.	Recognized Ph.D. Guide in Botany	Savitribai Phule Pune University, Pune.	July, 2012
3.	Member of Editorial and Advisory Board	Journal Advances in Plant Sciences Publishing from Muzaffarnagar (U.P.), India.	March, 2007
4.	APSI Certificate of Excellence	Academy of Plant Sciences India, Muzaffarnagar	05 February, 2011
5.	APSI Young Scientists Award - 2011	Academy of Plant Sciences India, Muzaffarnagar (U.P.)	3 rd to 4 th February, 2012
6.	Best Oral Presentation Award	S.C.S.(J) College, Puri, Odisha	16 February, 2014
7.	Deputed as College Examination Officer (COE)	Tuljaram Chaturchand College, Baramati (Autonomous)	June, 2022
8.	Nominated as Governing Body Member	Tuljaram Chaturchand College, Baramati (Autonomous)	June, 2022
9.	Nominated as College Development Committee (CDC) Member	Tuljaram Chaturchand College, Baramati (Autonomous)	June, 2022
10.	Life member	International Journal Advances in Plant Sciences.	-
11.	Working as BoS member of Botany and Environmental Science	Tuljaram Chaturchand College, Baramati (Autonomous)	Since 2018-19

13) E-Content Development : 68

Sr. No.	Title of Content	Level (UG/ PG)	Platform	Link of E-Content
1.	Nematodal Plant Diseases	UG	You tube	https://youtu.be/GyzNjdVPns0?si=csS128C42EhsCSii
2.	Mycoplasma Plant Diseases Lect-2	UG	You tube	https://youtu.be/coWpS7W_fLE?si=Ylig51XwD7hASoIl
3.	Mycoplasma Plant Diseases Lect-1	UG	You tube	https://youtu.be/e_mVmLGn4Hk?si=CBDAYeJDWl62AePK
4.	Bacterial Plant Diseases Lect-2	UG	You tube	https://youtu.be/39-N42gJC34?si=Nw9BIDyqvcwWcIsa
5.	Bacterial Plant Diseases Lect-1	UG	You tube	https://youtu.be/HAwx9C6vK8?si=SwfN1TPhl59DudJG
6.	Normal Secondary Growth : Growth Rings, Lenticels & Tyloses	UG	You tube	https://youtu.be/pv-ZhLI1sbE?si=it0ruDhW2LLDOYAc
7.	Normal Secondary Growth : Annual and Perennial Plants	UG	You tube	https://youtu.be/7_gsyVaS3LM?si=YqUE_CYkL2j6ofQp
8.	Fungal Plant Diseases Lect-2	UG	You tube	https://youtu.be/kXHtBr7umek?si=gotT9uH1hUhtQ4Px
9.	Fungal Plant Diseases Lect-1	UG	You tube	https://youtu.be/yr7mfZDhs_M?si=3HBVLH87-Bi-l2fu
10.	<i>Stemonitis</i> - Life Cycle Pattern	UG	You tube	https://youtu.be/6SBNGalsZrE?si=uFu1g8Lppu6lbn1R
11.	<i>Vaucheria</i> - Life Cycle Pattern	UG	You tube	https://youtu.be/LDDkZzXpGpw?si=OKOr5zFZlZ5zt9W
12.	<i>Volvox</i> Part-II	UG	You tube	https://youtu.be/rMA8Y-YlRgw?si=x0NATo2L8RnpiB8Q
13.	<i>Volvox</i> Part-I	UG	You tube	https://youtu.be/VdaQsa0Tqu8?si=Mwn d5efawAlyXoLf
14.	<i>Tmesipteris</i> Part-II	UG	You tube	https://youtu.be/tkQkng7Vl9c?si=8Y6yV AS0H_i5ptoh
15.	<i>Tmesipteris</i> Part-I	UG	You tube	https://youtu.be/PFGJmAYysxE?si=1liEF Jo2Kwcw3KN7
16.	<i>Oscillatoria</i> - Life Cycle Pattern	UG	You tube	https://youtu.be/whEib1kjXyQ?si=iA-SXwuAwN4uTZxL
17.	Division - Cyanophyta	UG	You tube	https://youtu.be/duYnrm2yHMM?si=kv-SjNnaCzkrQueZ
18.	Life Cycle Pattern of <i>Adiantum</i>	UG	You tube	https://youtu.be/LN0ouWFPkvM?si=r-iQHMacKVSJlSY
19.	Life Cycle Pattern of <i>Equisetum</i>	UG	You tube	https://youtu.be/gRRV9ruVifY?si=CFsm X6n4bteA-enG
20.	<i>Marsilea</i> Life Cycle	UG	You tube	https://youtu.be/DHuBh7gxK8o?si=XFJ YbqK79g-4reim
21.	<i>Selaginella</i> Life Cycle Part-II	UG	You tube	https://youtu.be/fp6ktVE9Ti0?si=4mZX_cnnzZffRhQK
22.	<i>Selaginella</i> Life Cycle Part-I	UG	You tube	https://youtu.be/4l2mvSvAyFE?si=Lx-QqpbnFn50Mx-e
23.	Pteridophyta Part-I	UG	You tube	https://youtu.be/lyzHun0AZCg?si=AwIS 0xi2FZpNBA9m
24.	Pteridophytes Part-II	UG	You tube	https://youtu.be/izYgqScqI1U?si=gIMsQ fjNVsNpG3HQ
25.	<i>Psilotum</i> Life Cycle Part-II	UG	You tube	https://youtu.be/w86KN7eF7AQ?si=kLL muqLV2d3Hfm0B
26.	<i>Psilotum</i> Life Cycle Part-I	UG	You tube	https://youtu.be/bdYqD8oRois?si=WFXf zUtNMudDIOqb
27.	Lichens	UG	You tube	https://youtu.be/dt2RCIzJ7cw?si=8_lsm DfEbqoLsBYn

28.	<i>Polytrichum</i> Life Cycle Part-I	UG	You tube	https://youtu.be/ovEK0uldDbk?si=imzTxRf1kiIgarFT
29.	<i>Polytrichum</i> Life Cycle Part-II	UG	You tube	https://youtu.be/gdOSKOFdRp0?si=5CTg_AXnzib11aXZ
30.	<i>Funaria</i> - Life Cycle Pattern	UG	You tube	https://youtu.be/GRXuxxVPp5g?si=lun0PGaatsWZ22wm
31.	<i>Riccia</i> - Life Cycle Pattern	UG	You tube	https://youtu.be/mjXycwBOdLE?si=Enc8tQoJPHouqFu0
32.	<i>Anthoceros</i> Life Cycle Part-I	UG	You tube	https://youtu.be/2sPidrkN4uA?si=1L4riB3yFHXOHJMe
33.	<i>Anthoceros</i> Life Cycle Part-II	UG	You tube	https://youtu.be/5XtUKQBF8KM?si=4J8bB7gYDtBaAL46
34.	<i>Marchantia</i> Life Cycle Part-I	UG	You tube	https://youtu.be/t44G_VUhSRA?si=IIakzXkzifQpLG4e
35.	<i>Marchantia</i> life cycle part-II	UG	You tube	https://youtu.be/DujNyeBF_uM?si=pUEDnaFeg1rrOD1-
36.	Bryophytes Part-I	UG	You tube	https://youtu.be/CAG0Iw6SuoM?si=Lbb8Ujk7a-OtF4_1
37.	Bryophytes Part-II	UG	You tube	https://youtu.be/nSnBwRk_yiU?si=HlpE2p_ET5MQvDCg
38.	Life cycle of <i>Cercospora</i>	PG	You tube	https://youtu.be/aZCJGfpNx_A?si=kwoBBKWIX8BZmCqB
39.	Life cycle of <i>Puccinia</i> Part-II	PG	You tube	https://youtu.be/hbHrx8qSi10?si=EtdIKvEax_ryddGy
40.	Life cycle of yeast	PG	You tube	https://youtu.be/I1hVYPbhC-U?si=sB33rLoCQvu-BJT1
41.	<i>Rhizopus</i> life cycle Part-II	PG	You tube	https://youtu.be/8qSwDI6pFn4?si=aWyrCFVMrUIjzRTV
42.	Fungi General Characteristics	PG	You tube	https://youtu.be/CLmeWmhcrAY?si=uEyN7eWvfdvYkYxF
43.	<i>Batrachospermum</i> Life Cycle Part-I	PG	You tube	https://youtu.be/aWptep2a5Bw?si=jQ8C6TF4Ql2DONrr
44.	<i>Batrachospermum</i> Life Cycle Part-II	PG	You tube	https://youtu.be/kifmcX0FINY?si=uMXvrpTa7xig0ORM
45.	Harmful Aspects of Fungi	PG	You tube	https://youtu.be/14g_sU8IoKY?si=axRnj6TOx8aY6HbN
46.	<i>Sargassum</i> Life Cycle Part-I	PG	You tube	https://youtu.be/JMkpUCDr_Fc?si=IBsYdiMIRrIV_P7W
47.	<i>Sargassum</i> Life Cycle Part-II	PG	You tube	https://youtu.be/HOjV6EGZ600?si=EiMlCtYkuVzq4md-
48.	Oomycota Group	PG	You tube	https://youtu.be/vdSnIQ4XUbY?si=JBWll-pZCjUSWMBk
49.	Classification of Fungi - Ainsworth, 1973	PG	You tube	https://youtu.be/I7eSP03GeY0?si=E0tnpe3QEjkvccp1
50.	Economic Importance of Fungi	UG	You tube	https://youtu.be/mZUPY76znNs?si=2m914YOaxTlOEI ZZ
51.	<i>Chara</i> life cycle part - I	UG	You tube	https://youtu.be/imkW3wMnjM4?si=AUQjFKMFyIfexjd
52.	<i>Chara</i> Life Cycle - 2	UG	You tube	https://youtu.be/rZsW8aYmN5Q?si=8aUprelxiHAJZcRB
53.	Fungi Reproduction	PG	You tube	https://youtu.be/T6Wb5ZZ1Xpc?si=GpUIMS-NwGGkWCTT
54.	<i>Nostoc</i> life cycle	UG	You tube	https://youtu.be/tJULVzJ-t1w?si=SPnt3fAJtut9c15N
55.	Fungi - General Characters	PG	You tube	https://youtu.be/Esv2WlUfaQ?si=K05W9bXkkRjFg8EG
56.	Algae - Classification & Eco. Imp.	UG	You tube	https://youtu.be/NEmmPDwjRVA?si=XB CXMDDoogouOrm9T

57.	Algae - Reproduction	UG	You tube	https://youtu.be/UcpTsfYncII?si=tWbNUqF2ldC76Ld
58.	Paper-I Plant Diversity Discussion	UG	You tube	https://youtu.be/xmX1psKgRKE?si=7kVOuZEsahbcCWT
59.	Algae Intro-1	UG	You tube	https://youtu.be/JyNNa4JUdro?si=qdSxhE-nG5E9BK9k
60.	Algae Intro-2	UG	You tube	https://youtu.be/s5AH1P7-A7M?si=nqqUG-KNOFx7pgU
61.	Chapter-1 Introduction	UG	You tube	https://youtu.be/kCBxzai_R8o?si=c4VZG3iEAZDpR-Cv
62.	Paper- I Cryptogamic Botany Discussion	UG	You tube	https://youtu.be/f9ehAQsZIZk?si=3QQpb4qPRVi0aS4X
63.	Hyphochytridiomycetes	UG	You tube	https://youtu.be/drF5Jv1Vg10?si=Sw2mL_WydeaNAT7Z
64.	Synchytriales order	UG	You tube	https://youtu.be/jnqWtoDsYTM?si=4ST3Fg7yy6TD_sB9
65.	Mastigimycotina	UG	You tube	https://youtu.be/lsQ8ECDNg9M?si=SGYBhFRZY791mGI
66.	Life cycle of Plasmodiophora	UG	You tube	https://youtu.be/AuhZk79lzRk?si=AvWoGmo93S_Dqcif
67.	Plasmodiophoromycetes	UG	You tube	https://youtu.be/rY8zd1CGCpQ?si=S35mCJcljI8TYCzD
68.	Life cycle of <i>Stemonitis</i>	UG	You tube	https://youtu.be/P_f-iLHF1IA?si=nI3pKk_eBcSsTNDx

14) Work Experience on Academic Bodies and other:

Sr. No.	Designation/ Position	Duration	Name of Institute / University	Details
1.	Laboratory Assistance	01/07/2003 to 15/02/2004	Department of Botany, Shivaji University, Kolhapur	-
2.	Lecturer in Botany [C.H.B.]	13/07/2004 to 31/03/2005	Shri Shivaji Mahavidyalaya, Barshi, Dist. Solapur	-
3.	Assistant Professor in Botany [Full Time]	01/09/2005 onwards	Tuljaram Chaturchand College, Baramati, Dist. Pune	-
4.	BoS Member	2021-2025	Department of Botany, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.	-
5.	CEO College Examination Officer	2022-2023	Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.	-

15) Life Membership of Profession Bodies:

Sr. No.	Name of Professional Body
1.	Life member of an <i>International Journal Advances in Plant Sciences</i> .

16) Any other Attainment:

a) Ph.D. Thesis Evaluated and Viva Attended:

1. Evaluated Ph.D. Thesis of **Dr. Madane Atul Narhari** from Shivaji University, Kolhapur and conducted Viva-Voce on 26/02/2019 at Department of Botany, Shivaji University, Kolhapur.
2. Evaluated Ph.D. Thesis of **Dr. Pawar Naresh Nana** from Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. Report sent to university on 27/05/2023.
3. Evaluated Ph.D. Thesis of **Dr. Gurav Kumod Nathuram** from Shivaji University, Kolhapur and attended Online Viva-Voce on 27/09/2014 at Department of Botany, Shivaji University, Kolhapur.

4. Evaluated Ph.D. Thesis of **Dr. Hire Akash Shivaji** from Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon and attended Online Viva-Voce on 26/10/2024.

b) Working Research Expert:

1. Worked as External Subject Expert for CSIR-UGC-SRF committee of Miss. Priyanka Ashok Patil arranged by Department of Botany, Dahiwadi College, Dahiwadi, Dist. Satara on 23/05/2023.

c) Invited Talks Delivered:

2. One Day Workshop on Gardening organized for 11th and 12th students of Tuljaram Chaturchand College, Baramati on 27/07/2019.
3. Guest Lecture Series on NAAC Criterion - VI organized by Someshwar Vidnyan Mahavidyalaya, Someshwarnagar on 09/01/2021.
4. One Day Certificate Course on Horticulture in Plants organized by Asian College of Science and Commerce, Dhayari, Pune on 09/07/2021.
5. One Day Workshop on Plant Conservation organized by Department of Environmental Science of Tuljaram Chaturchand College, Baramati on 27/07/2022.
6. Delivered lecture in Basic Certificate Course in Fungi-2025 organized by Shardeshwari Academic Consultancy and Publishing Services, Pune on 03/12/2025.

d) Worked on Selection Committees:

1. Non-grants Teacher's Interview in Botany at Someshwar Vidnyan Mahavidyalaya, Someshwarnagar on 12/06/2019.
2. Non-grants Teacher's Interview in Botany at Tuljaram Chaturchand College, Baramati on 11/06/2022.
3. Grants (CHB) Teacher's Interview in Botany at Tuljaram Chaturchand College, Baramati on 28/06/2022.
4. Non-grants Teacher's Interview in Botany at Tuljaram Chaturchand College, Baramati on 05/06/2025.
5. Grants (CHB) Teacher's Interview in Botany at Tuljaram Chaturchand College, Baramati on 09/06/2025.
