

CURRICULUM VITAE

- 1) Name : Dr. Prasad Jalindar Bankar
- 2) Educational Qualification : M.Sc., Ph.D. Botany
- 3) Present Designation : Assistant Professor
- 4) Date of Birth : 13/08/1996
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pj.bankar@tccollege.org
- 7) Date of Appointment : 15/06/2025
- 8) Teaching Experience : 07 Years
- 9) Date of joining in present college : 15/07/2019
- 10) Educational Qualification:

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subject(s)	Class/ Grade
1.	Ph.D.	Savitribai Phule Pune University	2025	Botany	Awarded
2.	M.Sc.	Savitribai Phule Pune University	2018-19	Botany	First - Class
3.	B.Sc.	Savitribai Phule Pune University	2016-17	Botany	First - Class
4.	H.S.C.	Kolhapur Board	2013-14	Marathi, English, JFC, Medical Lab 1, 2, 3.	First - Class
5.	S.S.C.	Kolhapur Board	2011-12	Marathi, Hindi, Science, History, geography and Mathematics	First - Class

11) Total Research Publications : 17

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

Sr. No.	M.Phil. / Ph. D. Thesis Title	Name of The Univ.	Status	Name of Guide
1	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)	Savitribai Phule Pune University	Awarded	Prof. Dr. M. B. Kanade

b. Book: Nil

Sr. No.	Title of Book	Year of publication	ISBN	Name & Place of Publisher
-	-	-	-	Nil

c. Chapter in Book: Nil

Sr. No.	Title of Book & Name of Editor	Title of the Chapter	Year of publication	ISBN	Name & Place of Publisher
-	-	-	-	-	Nil

Research Paper: 17

Sr. No.	Title of the Paper	Name of Journal	Month and Year of publication	ISBN	UGC. No./Impact Factor/ Citation Details
1.	Powdery Mildew Fungi from Phaltan area of Satara District, Maharashtra.	<i>International Journal of Current Microbiology and Applied Sciences.</i>	June, 2019	2319-7706	- Citation 03
2.	Studies on Post-Harvest Fungal Pathogens of Papaya Fruits (<i>Carica papaya</i> L).	<i>International Journal of Current Microbiology and Applied Sciences.</i>	June, 2019	2176-2180	- Citation 03
3.	Checklist of Macro-fungi from Baramati Area of Pune District, MS, India.	<i>International Journal of Current Microbiology and Applied Sciences.</i>	June, 2019	2187-2192	- Citation 01
4.	Isolation and Identification of Soil Fungi of Banana Fields form Baramati Area of Pune District of Maharashtra.	<i>International Journal of Current Microbiology and Applied Sciences.</i>	June, 2019	2193-2197	-
5.	Study of Freshwater Algae from Baramati City Area, District Pune.	<i>International Journal of Current Microbiology and Applied Sciences.</i>	October, 2020	2933-2937	- Citation 01
6.	Isolation and Identification of Aeromycoflora in Banana Field from Baramati Area Dist. Pune, Maharashtra, India.	<i>Journal of Plant Science and Research.</i>	November, 2020	2349-2805	-
7.	The study of <i>Rhizobium</i> , <i>Azotobacter</i> bio-fertilizer effect on <i>Zea mays</i> and <i>Vigna radiata</i> .	<i>International Journal of Botany Studies.</i>	June, 2021	2455-541X	-
8.	Green synthesis and antimicrobial studies of silver nanoparticles from some ex-situ conserved Bryophytes in coastal sites of Raigad district of Maharashtra, India.	<i>International Journal of Botany Studies.</i>	June, 2021	2455-541X	- Citation 02
9.	Analysis and fungal Isolation of some mosses, <i>Riccia discolor</i> and <i>Targionia hyophylla</i> from Baramati, district-Pune, Maharashtra, India.	<i>International Journal of Botany Studies.</i>	August, 2021	2455-541X	- Citation 01
10.	Study of diversity of mosses, analysis and ex situ conservation from Baramati Tehsil, Pune and Revdanda, Raigad-Maharashtra, India.	<i>International Journal of Botany Studies.</i>	August, 2021	2455-541X	-
11.	Water quality assessment of Vashi creek (Maharashtra) of India by Nemerow pollution index.	<i>International Journal of Botany Studies.</i>	May, 2021	2664-7109	-
12.	Study of agriculturally important crop diseases from Baramati Tehsil of Pune district, Maharashtra, India.	<i>International Journal of Botany Studies.</i>	August, 2021	834-837	-
13.	A survey of medicinally important plants from 32-Shirala tehsil district Sangali,	<i>International Journal of Botany Studies.</i>	August, 2021	854-857	-

	Maharashtra, India.				
14.	A survey of some medicinally important plants of the family Euphorbiaceae from Baramati area of Pune district of Maharashtra, India.	<i>International Journal of Botany Studies.</i>	August, 2021	456-462	- Citation 02
15.	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>	October, 2024	-	-
16.	Sanger Sequencing of Rhizosphere Soil Fungi Associated with <i>Cicer arietinum</i> L.	<i>Asian Jr. of Microbiol</i>	March, 2025	-	UGC Care
17.	Assessment of rhizosphere soil fungi <i>Alternaria longipes</i> and <i>Fusarium incarnatum</i> for bioactive compounds with respect to pharmaceutical potential	<i>Journal of Mycopathological Research</i>	March, 2025	0971-3719	UGC Care

a. Research Project: 01

Sr. No.	Name of Funding Agency	Project Title	Funds Received	Month and Year of sanction	Duration of the Project	Status of Project
1.	Teacher Seed Money Research Project, T. C. College Baramati	“Isolation, Identification and Characterization of Agriculturally Important Soil Fungi from Baramati tahsil of Pune district”	(R.S.) 1,05,000/-	December, 2023	One Year	Completed

b. Papers presented in Seminar / Conference: 11

Sr. No.	Name of the Conference/ Seminar	Title of the paper	Date	Level (State/ National/ International)	Name of the Organizer
1.	Empowering Society with Microbial Technology	Study of Powdery Mildew Fungi form Phaltan area of Dist. Satara, Maharashtra	07-08, February, 2019	International Conference	Department of Microbiology Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.
2.	“Recent Advances in Biological Science and Biodiversity Conservation”	Isolation and Identification of Rhizosphere Soil Fungi of Mung bean (<i>Vigna radiata</i> L.)	28/12/2022	National Conference	Department of Botany, Shri. Shivaji Mahavidyalaya, Barshi.
3.	“Recent Advances in Biological Science and Biodiversity Conservation”	The Applications of Primary and Secondary Metabolites Present in <i>Artemisia pallens</i> L. (Davana) for Treating of Covid-19 Patients	28 December, 2022	National Conference	Department of Botany, Shri. Shivaji Mahavidyalaya, Barshi.
4.	“Microbes for Sustainable Agriculture, Animal Husbandry and Environment” (MSAAHE-2023)	Studies on endophytic fungi and fungal diseases of <i>Vigna radiata</i> L.	03-04 February, 2023	International Conference	Department of Botany and Zoology, Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur.
5.	“Recent trends in material science-	Studies on Materials Aspects of Medicinal	03- 04 January, 2023	International Conference	Department of Physics Tuljaram

	synthesis, characterization and applications” (RTMS-2023)	Plants Used in Treatment of COVID-19 Patients			Chaturchand College of Arts, Science and Commerce, Baramati.
6.	32 nd APSI Scientist Meet & International Conference on “Drug Discovery and Development in Agrobiotechnology and Pharmaceutical Science”	Studies on Fungal Flora Associated with <i>Vigna radiata</i> L. from Pahunewadi of Baramati tahsil, Pune District.	23 - 25 December, 2023.	International Conference	SMT. N. M. Padalia Pharmacy College, Ahmedabad, Dist. Mehsana Gujarat
7.	Research in Life Sciences with Special Emphasis on Medicinal Plants and Workshop on Ashwagandha and other Immunity Boosting Plants	Mycochemical analysis of <i>Pleurotus ostreatus</i> (Jacq.) P. Kumm. from Sajjangad Fort of Satara district.	2 nd and 3 rd February, 2024	National Conference	Department of Botany, Shardabai Pawar Mahila, Arts, Commerce and Science College, Shardanagar, Baramati, Dist. Pune,
8.	Research in Life Sciences with Special Emphasis on Medicinal Plants and Workshop on Ashwagandha and other Immunity Boosting Plants	Studies on bioactive compounds in <i>Agaricus bisporus</i> from Baramati tahsil of Pune District.	2 nd and 3 rd February, 2024	National Conference	Department of Botany, Shardabai Pawar Mahila, Arts, Commerce and Science College, Shardanagar, Baramati, Dist. Pune,
9.	Research in Life Sciences with Special Emphasis on Medicinal Plants and Workshop on Ashwagandha and other Immunity Boosting Plants	Studies on bioactive compounds in <i>Agaricus bisporus</i> from Baramati tahsil of Pune District.	2 nd and 3 rd February, 2024	National Conference	Department of Botany, Shardabai Pawar Mahila, Arts, Commerce and Science College, Shardanagar, Baramati, Dist. Pune,
10.	Research in Life Sciences with Special Emphasis on Medicinal Plants and Workshop on Ashwagandha and other Immunity Boosting Plants	Pharmacological studies on bioactive compounds in <i>Bryum argentum</i> L. from Sajjangad fort at Satara district	2 nd and 3 rd February, 2024	National Conference	Department of Botany, Shardabai Pawar Mahila, Arts, Commerce and Science College, Shardanagar, Baramati, Dist. Pune,
11.	International Conference on “Biotechnology for Better Tomorrow” (BTBT-2024)	Sanger Sequencing of some dominant Rhizosphere Soil Fungi Associated with <i>Cicer arietinum</i> L. from Baramati Tahsil, Pune District	16 th and 17 th May, 2024	International Conference	Microbiologists Society, India, in collaboration with Institute of Fundamental and Applied Research, National Research University, Tashkent, Uzbekistan, American Society for Microbiology, USA and Tuljaram Chaturchand College of Arts,

					Science and Commerce, Baramati, India.
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a. Patents published/Register : 02

Sr. No.	Name of Patentee/ Awardee	Title of Patent/ Award/ Prize	Awarding agency	Year
1.	Mr. Prasad J. Bankar	Design Patent : Smart Plant Health Monitoring Device	Government of India	2024
2.	Mr. Prasad J. Bankar	Design Patent : Rapid Pathogen Detection Device	Government of India	2024

12) Research Guidance:

a) Guide ship Details

Sr. No.	M.Phil./ Ph.D. Guide	Name of University	Month & Year of recognition	No. of Research Scholars	
				Completed	Perusing
1	Nil	Nil	Nil	Nil	Nil

b) Research Guidance : Nil

Sr. No.	Name of Scholar	Name of University	Month and Year Registration	Title of the Research
1	Nil	Nil	Nil	Nil

13) Professional recognition / award/ fellowship etc.

Sr. No.	Name of Award/ Recognition	Awarding Agency	Date
1	National Educational Innovation Award- 2025	Dr. B. R. Ambedkar Academy, Nepania Busty, Darjeeling District, West Bengal	2 nd November, 2025

14) E-Content Development:

Sr. No.	Title of Content	Level (UG/ PG / ALL)	Platform	Link of E-Content
1.	Modification of leaf	UG	You tube	https://youtu.be/MdCV5aIHtWc?si=f57xWDGh8UctyWRz
2.	Modification of Root	UG	You tube	https://youtu.be/StTOsSnWEb0?si=-p0TnPV8d-u34Cd7
3.	Introduction to Deuteromycetes Fungi	PG	You tube	https://youtu.be/dtCzpPjIVlg?si=at efGHgddyViT7ZK
4.	Introduction to Gasteromycetes Fungi	PG	You tube	https://youtu.be/Zvm5R0gKiHg?si=jSsSnqoXk72AP2vA
5.	Hypomycetes Ex. <i>Alternaria</i>	PG	You tube	https://youtu.be/vf0Ra21cRag?si=2qlcLKKry8hjbq4w
6.	Hymenomycetes Fungi Life Cycle of Agaricus	PG	You tube	https://youtu.be/srnYNreK-xg?si=SB-vm_1ZQUccedqF

7.	Basidiomycetes fungi	PG	You tube	https://youtu.be/6mimQXXvVHI?si=9N2kBTrY0CcXIiST
8.	Order Takakiales, <i>Takakia</i>	PG	You tube	https://youtu.be/8QzkBiV66Ak?si=q1xLzuKtIh-nBpP9
9.	Discomycetes Fungi	PG	You tube	https://youtu.be/Cm_wda6EQ88?si=9lMGNadl3kxPL_BF

15) Work Experience on Academic Bodies and other:

Sr. No.	Designation/ Position	Duration	Name of Institute / University	Details
1.	BoS Member	2021-2025	Department of Botany, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.	-

16) Life Membership of Profession Bodies:

Sr. No.	Name of Professional Body
-	-

17) Any other Attainment: -
