



Rayat Shikshan Sanstha's
Yashavantrao Chavan Institute of Science, Satara (Autonomous)
Lead College of Karmaveer Bhaurao Patil University, Satara

Faculty Profile

❖ **General information**

Name : Ms. Pradnya Bajirao Zambare
Designation : Assistant Professor
Department : Microbiology
Educational Qualification : M.Sc. (Microbiology), NET, SET
Ph.D. pursuing
Date of Appointment : 30/12/1987
Teaching Experience : UG: 6 years
PG: 4 years
Research Experience : -
Research Area : Nanobiotechnology



❖ **Educational Qualification Details (undergraduate onwards)**

Sr. No.	College/University	Degree	Subjects	Year	Class/ Percentage
1	YCCS, Karad	B.Sc	Microbiology	2008	70.80
2	YCCS, Karad	M.Sc	Microbiology	2016	69.17
3	ICAR	NET	Agricultural Microbiology	2020	Qualified
4	SPPU	SET	Life Science	2021	Qualified

❖ **Awards/Honors/Recognitions/Scholarship etc.:**

Sr. No.	Name of the award/honor/recognition	Awarding Organization	Date and year
1	Second prize in poster presentation at International e-conference on pioneering research in Microbiology	Annasaheb Magar college, Pune	7 and 8 th Sept, 2021

❖ **Details of Research Publications**

B) Books/Book Chapters

Sr. No.	Title	Publisher	Year of Publication	ISBN No	Type (Reference/Text)
1	Marine Microbiology	International Journal of Microbial Science	2022	ISSN 2582-967X	Textbook
2	Handbook of Media Preparation in Microbiology		2023	9798889351399	Handbook

D) Research papers:

Sr. No	Title of paper	Journal/proceeding details (Name, volume, page no, year of publication etc.)	ISSN No	Listed in Scopus/Web of Science/UGC Care	Impact factor (If any)
1	Biodegradation of textile dye Acid blue 113 using iron nanoparticles synthesized by <i>Pseudomonas stutzeri</i>	Bulletin of Environmental, Pharmacology and Life Sciences, Spl Issue[1] January 2023:419-421	2277-1808	Web of Science	--
2	Isolation, characterization and Optimization Study of Cellulose Degrading Microorganisms and their Application in Ethanol Production and Waste Water Treatment	Bulletin of Environmental, Pharmacology and Life Sciences, Spl Issue[1] January 2023:419-421	2277-1808	Web of Science	--
3	Green synthesis of copper nanoparticles using Ocimum	International journal of pharmaceutical investigation.	2230-9713	Web of Science	

	sanctum leaf extract and its antibacterial activity'				
4	Phytosomes: The future of Herbal Drug Delivery	Bulletin of Environmental, Pharmacology and Life Sciences, Spl Issue[1] January 2023:419-421	2277-1808	Web of Science	

E) Paper Presentation in Conference /Seminar/ Symposia:

Sr. No	Title of paper	Name of the Conference/Seminar/Symposia Details (Title, Date, Page No etc.)	Level (Intl/Natl/State /Uni etc.)	Organizing institute
1	Microbial synthesis of iron nanoparticles	<i>Avishkar</i>	University	Shivaji University, Kolhapur

❖ Participation in Orientation/Refresher/FDP/Short Term/Training Programs:

Sr. No.	Name of the programme	Organizing institute	Date
1	FDP on 'Biomedical nanotechnology'	NPTEL-AICTE	Aug-Sept 2021

❖ Participation in Conference/Seminar/Symposia/Workshop/Any other programs:

Sr. No.	Name of the event	Organizing institute	Level (Intl/Natl/ State/Uni/Local etc.)	Date
1	☞ Participated in one day National Workshop on "Intellectual Property Rights"	☞ Yashwantrao Chavan College of Science, Karad	National	27 th December 2019
2	<i>Teachers Training on Innovative Teaching</i>	Azad College of Education, Satara	State	15 th sept 2018

❖ Resource person in Conference/Seminar/Workshop/Any other programs:

S. No.	Title of the event	Level (Intl/Natl/ State/Uni./local etc.)	Organizer	Date
1	Guest Lecture	Local	Shahid Veerpatni Laxmi	29/12/2021

			Mahavidyalay, Radhanagari, Kolhapur	
2	Guest Lecture	Local	Shahid Veerpatni Laxmi Mahavidyalay, Radhanagari, Kolhapur	2/03/2023

Signature of Faculty