



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

Faculty Profile

❖ **General information**

a) Name : Dr. Varsha Vijaysinh Sawant
Designation : Associate Professor
Department : Chemistry
Educational Qualification : M Sc Ph D
Date of Appointment : 01/09/1991
Teaching Experience : UG: 33 years
PG: 15 years
Research Experience : 12 years
Research Area : Photochemistry



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

Sr. No.	College/University	Degree	Subjects	Year	Class/ Percentage
1	Pune University	B Sc	Chemistry	1984	74.2
2	Pune University	M Sc	Physical Chemistry	1986	63
3	Shivaji University	Ph D	Photochemistry	2016	--

❖ **Academic and Administrative Responsibilities**

Sr. No.	Position	Organization	Date/Duration
	Member of Acedemic Council	Y C I S , Satara	2021 -2023
1	Chairperson, Criteria I	Y C I S , Satara	2019-2020- tilldate
2	Chairperson, BOS Chemistry	Dept of Chemistry, YCIS,Satara	2020-2021 to 2022-2203
3	Chairperson, Professional Ethics and Human Values Committee	YCIS, Satara	2022-2024

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

Sr. No.	Name of the award/honor/recognition	Awarding Organization	Date and year
1			
2			
3			

❖ **Membership to Professional Organizations/Associations:**

Sr. No.	Membership type (Annual/Life/any other)	Organization/Association	Date and year
1	Life Member	ISRAP Indian Society for Radiation and Photochemical Sciences, BARC, Mumbai	2018 onwards
2	Director	AmbiAir Cleaning Technology Pvt Ltd	2019 Onwards

❖ **Worked as Editor/Reviewer to Journals/Books/Proceedings etc.**

Sr. No.	Name of the Journal/Book/ Proceedings	ISSN/ISBN No.	Assignment (Editor/ Reviewer)	Publisher	Publication year
1	ISRAP proceeding	--		ISRAP	15 Oct 2022
2	Practical Handbook (B Sc I,II,III)	--	Editor	Private Circulation	2019,2021,2022

❖ **Research Projects (Ongoing/Completed)**

Sr. No.	Title of Project	Duration	Amount Sanctioned (in Lakhs)	Agency	Status (Ongoing/ Completed)
Major Research Project					
1	Development of Air Cleaner	2021-2023	13,00,000/-	STP, Pune	Completed
2	Smog Removal Machine	2022-2024	30,00,000/-	HDFC, CSR	Ongoing

❖ **Research Guidance:**

- Number of students (M.Phil) 1) Completed:-- 2) Registered: --
- Number of students (Ph.D.) 1) Completed:-- 2) Registered:--

❖ **Details of Research Publications**

A) Patent

Sr. No.	Title	Patent No.	Indian/US/ Any other	Granting date
1	Entitled : "System and Method for Smog Removal"	Filed on : 7 April 2020 Patent Application No : 202021015336	Indian	
2	"System and Method for Smog Removal"	7 October 2021 Application No : PCT/IN2021/050961	PCT International	06/12/2021
3	Design Patent	30 November 2021 Application No : 354379-001		22/11/2022

4	A BI-IONIC AIR CLEANER AND DISINFECTION SYSTEM	202121054534		09/12/2022
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B) Books/Book Chapters

Sr. No.	Title	Publisher	Year of Publication	ISBN No	Type (Reference/Text)
1	--				
2					

C) Datasets Submission

Sr. No.	Title	Accession No.	Data base	Year of publication
1	--			
2				

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	--				
2					

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	Zn(II) complexes of N and S containing ligands as photosensitizer	<i>Emerging Trends in Material Science, 9 & 10 November 2022</i>	International	DPBC, Koregaon

F) Citation Index

	Google Scholar	Scopus	Web of Science
Citations			
h-index			
i10-index			

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

Sr. No	Name of the programme	Organizing institute	Date
1	Power Skills for professional	YCIS, Satara	23 to 27 August 2022

	Development		
2	Implementation of NEP 2020	KBP University Satara & IQAC, YCIS, Satara	2 nd March 2023
3	“Curriculum Framework to Develop Program Outcomes, Course Outcomes and Their Attainment”	YCIS, Satara	31 st March 2022

❖ **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	Faculty Development Program on revised Syllabus	YCIS, Satara	University/local	
2				

❖ **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	Faculty Development Program on revised Syllabus	University/local	Dept of Chemistry	
2				

❖ **Chaired Sessions in Conference/Seminar/Workshop etc.:**

S. No.	Title of the event	Level (Intl/Natl/State/Uni./local etc.)	Organizer	Date
1	Chairperson	National	Dept of Forensic Science, YCIS, Satara	10&11 March 2023
2	Chairperson	International	Dept of Chemistry, DPBC, Koregaon	9 & 10 November 2022

Signature of Faculty