Rayat Shikshan Sanstha's

Yashavantrao Chavan Institute of Science, Satara (Autonomous)

Lead College of Karmaveer Bhaurao Patil University, Satara

Faculty Profile

❖ General information

Name : Dr. Pratibha Suresh Patil
Designation : Assistant Professor
Department : Chemistry
Educational Qualification : M. Sc. SET, Ph. D.
Date of Appointment : 19/07/2017
Teaching Experience : UG: 7 years
PG: 5 years
Research Experience : 12 years
Research Area : Chromatographic Separation

❖ Educational Qualification Details (undergraduate onwards

❖

Sr. No.	College/University	Degree	Subjects	Year	Class/ Percentage
1	Department of Chemistry, Shivaji University, Kolhapur	Ph.D.	Chemistry	2019	
2	S.P Pune University Pune	SET	Chemistry	2019	
3	Department of Chemistry, Shivaji University, Kolhapur	M.Sc.	Organic Chemistry	2012	First Class
4	D.A.B.N. college, Chikhali Shivaji University, Kolhapur	B.Sc.	Chemistry	2010	First Class
5	Samaj Vikas Vidyalaya, Sagaon	HSC	PCB	2007	First Class
6	Datta Vidyalaya, Kandur	SSC	Compulsory subjects	2005	First Class

❖ **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			
2			

❖ **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	A Textbook of Engineering Chemistry	978-93-47231-73-5	------	B R Publication	2025
2					

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

Sr. No.	Title of Project	Duration	Amount Sanctioned (in Lakhs)	Agency	Status (Ongoing/ Completed)
Major Research Project					
1	Nil				
2					
Minor Research Project					
1	Separation and determination of toxic metals from real and environmental samples	15/02/2022-12/02/2013	40,000/-	D.P.Bhosale college	Completed

❖ **Research Guidance:**

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

❖ Details of Research Publications

A) Patent

Sr. No.	Title	Patent No.	Indian/US/ Any other	Granting date
1	Biological specimen preservation by Po preservation by potash	201921007190A	Indian	
2	A deep learning based approach to analyze the atomic structure and chemical make of various polymers and their application	202221036246A	Indian	

B) Books/Book Chapters

Sr. No.	Title	Publisher	Year of Publication	ISBN No	Type (Reference/Text)
1					
2					
3					
4					

C) Datasets Submission

Sr. No.	Title	Accession No.	Data base	Year of publication
1	Nil			

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	Column chromatographic separation of uranium (vi) and other elements using Poly(dibenzo-18-crown-6) and	Proceedings of the fourteenth biennial DAEBRNS symposium on nuclear and radiochemistry	-	-	IF – In process

	glycine medium				
2	Sorption study of beryllium (II) in glycine medium using poly [dibenzo-18 crown-6] and column chromatography	International Journal of Chemical Science.	ISSN: 2523-6075	UGC Care Peer reviewed	5.22
3	Sorption Study of Bismuth (III) in Glycine Medium Using Poly[dibenzo-18 crown-6] and Column Chromatography	International Journal of Research and Analytical Reviews	ISSN: 2349-5138	Peer reviewed	4.236
4	Sorption study of Cadmium(II) in glycine medium using poly [dibenzo-18 crown-6] and Column chromatography	International Journal of Chemistry Studies	ISSN: 2581-348X	Peer reviewed	5.44
5	Sorption Study of Chromium(III) in Glycine Poly [dibenzo-18crown-6] and Column Chromatography	Journal of Applicable Chemistry	ISSN: 2278-1862	Peer reviewed	1.211

6	Sorption Study of Nickel(II) in Glycine Medium Using Poly[dibenzo-18 crown-6] and Column Chromatography	Journal of Applicable Chemistry.	ISSN: 2278-1862	Peer reviewed	1.211
7	A sorption and separation study of strontium (II) using poly [dibenzo-18-crown-6] in picric acid.	International Journal of Chemical Science and Technology	ISSN: 2249-8532	Peer reviewed	-
8	A highly sensitive and selective phthalazine derivative based fluorescent organic nanosheets for	Inorganica Chimica Acta 526(2021)120534	ISSN: 0020-1693, Vol: 526, Page: 120534	Scopus	2.8

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				
2				
3				
4				

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			
2			

❖ **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

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

S. No.	Title of the event	Level (Intl/Natl/ State/Uni./local etc.)	Organizer	Date
	Nill			

❖ **Conference/Seminar/Workshop etc.:**

S. No.	Title of the event	Level (Intl/Natl/ State/Uni./local etc.)	Organizer	Date
1				
2				
3				
4				
5				

Signature of Faculty