



Rayat Shikshan Sanstha's
Yashavantrao Chavan Institute of Science, Satara
Constituent College of Karmaveer Bhaurao Patil University, Satara

Faculty Profile

❖ **General information**

Name	: Mr. Prasad Uddhav Mane
Designation	: Assistant Professor
Department	: Chemistry
Educational Qualification	: M. Sc. NET
Date of Appointment	: 29/07/2020
Teaching Experience	: UG: 14 years PG: 14 years
Research Experience	: 6 years
Research Area	: Organic transformation, Green Chemistry



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

Sr. No.	College/University	Degree	Subjects	Year	Class/ Percentage
1	Karmaveer Bhaurao Patil College, Pandharpur	B.Sc.	Chemistry	2008	74.92 %
2	Yashavantrao Chavan Institute of Science, Satara	M.Sc.	Organic Chemistry	2010	63.50 %
3	CSIR-UGC, New Delhi	NET	Chemistry	2011	-

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Sr. No.	Position	Organization	Date/Duration
1	QMS Coordinator – ISO	Y. C. Institute of Science Satara	2025
2	Chairperson – Board of Innovation, Incubation, Linkages and Placement	Y. C. Institute of Science Satara	2025

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

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

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

Sr.	Membership type	Organization/Association	Date and year

No.	(Annual/Life/any other)		
1	Nil		

❖ **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	Nil				

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

Sr. No.	Title of Project	Duration	Amount Sanctioned (in Lakhs)	Agency	Status (Ongoing/Completed)
Major Research Project					
1	Nil				
Minor Research Project					
1	Green and sustainable protocol for the synthesis of biologically relevant heterocyclic compounds	02/02/2021-01/02/2023	2,00,000/-	RUSA	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	A method for Synthesis of Tetrahydrobenzo[α]xanthene-11-ones with Biological Screening	2021105862	Australian Patent	18 August 2021
2	IoT enabled water level indication device	446670-001	Indian Design Patent	15 May 2025
3	Soil and Rock analysis apparatus	6464952	UK Design Patent	22 August 2025

B) Books/Book Chapters

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

C) Datasets Submission

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

1	Nil			
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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	Sodium acetate/MWI: a green protocol for the synthesis of tetrahydrobenzo [α] xanthen-11-ones with biological screening	Research on Chemical Intermediates, 2020, Vol 46, Issue 1, page 231	0922-6168	Scopus	3.5
2	Biogenic synthesis of ZnO nanoparticles from Parthenium hysterophorus extract and its catalytic activity for building bioactive polyhydroquinolines	Research on Chemical Intermediates, 2021, Vol 47, Issue 5, page 1743	0922-6168	Scopus	3.5
3	'In water' exploration of Alpinia zerumbet-fabricated CuO NPs in the presence of NaPTS at room temperature: green synthesis of 1,8-dioxooctahydroxanthene derivatives	Research on Chemical Intermediates, 2021, Vol 47, Issue 3, page 1221	0922-6168	Scopus	3.5
4	The mycogenic Aspergillus-Niger-fabricated TiO ₂ NPs: The room temperature green synthesis of bioactive 2-amino-4H-benzo[b]pyran.	Russian Journal of Organic Chemistry, 2025, Vol 61, Issue 10	1608-3393	Scopus	0.9

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	Biogenic synthesis of ZnO nanoparticles and their catalytic exploration towards organic transformation	International Conference on “ <i>Recent Advances in Chemical Science</i> ” held on 10 March 2023.	International	Dandekar, Apte, Mehta College Palghar, Thane.
2	Green and sustainable protocol for the synthesis of CuO nanoparticles and its catalytic activity for synthesis of polyhydroquinoline.	National Conference on “ <i>Innovative Research & Education in Chemical and Life Sciences</i> ” held on 21 March 2025.	National	Balasaheb Desai College Patan, Dist. Satara.
3	Biogenic CuO nanoparticles with Urea and ZnCl ₂ : A new generation catalytic system for one pot multicomponent synthesis of 2-amino 2-chromene.	International Conference on “ <i>Multidisciplinary Approach and Innovation in Chemical Sciences</i> ” held on 25 March 2022.	International	Yashavantrao Chavan Institute of Science, Satara

F) Citation Index

	Google Scholar	Scopus	Web of Science
Citations	36		
h-index	03		
i10-index	03		

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

Sr. No.	Name of the programme	Organizing institute	Date
1	Orientation Program	Orientation Program for "Faculty in Universities/Colleges/Institutes of Higher Education"	4 th June to 1 st July 2020
2	Faculty Development Program	Faculty Development Program in Entrepreneurship sponsored by National Science & Technology Entrepreneurship Development Board, Department of Science & Technology, Government of India.	28 th January to 7 th February 2019
3	Orientation Program	Orientation Program for "Faculty in Universities/Colleges/Institutes of Higher Education"	21 st August 2021 to 19 th September
4	Refresher	Two-week refresher course in Chemistry.	29 th November 2022 to 13 th December 2022
5	Training Program	Three days workshop on GC/GC-MS, HPLC, FTIR Techniques.	25 th March 2021 to 27 th March 2025

❖ **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	Nil			

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

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



Signature of Faculty