Rayat Shikshan Sanstha's

Yashavantrao Chavan Institute of Science, Satara

Constituent College of Karmaveer Bhaurao Patil University, Satara

Faculty Profile

❖ General information

Name : Mr. N. M. Gosavi
Designation : Assistant Professor
Department : Chemistry
Educational Qualification : M. Sc. NET, SET, GATE
Date of Appointment : 01/03/2013
Teaching Experience : UG: 13 years
PG: 07 years
Research Experience : 08 years
Research Area : Photocatalysis, Supramolecular Chemistry

❖ Educational Qualification Details (undergraduate onwards)

Sr. No.	College/University	Degree	Subjects	Year	Class/ Percentage
1	C. T. Bora College, Shirur, Pune	B.Sc.	Chemistry	2008	85.58 %
2	S.P. P. University, Pune	M.Sc.	Organic	2010	61.9%
3	CSIR	NET (JRF)	Chemistry	2012	
4	S.P. P. University, Pune	SET	Chemistry	2014	

❖ Awards/Honors/Recognitions/Scholarship etc.:

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

❖ Membership to Professional Organizations/Associations:

Sr. No.	Membership type (Annual/Life/any other)	Organization/Association	Date and year
1	----	---	---

❖ 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	-----	------	------	--------	-----

❖ **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	Nil				

❖ **Research Guidance:**

- **Nil**

❖ **Details of Research Publications**

A) Patent

Sr. No.	Title	Patent No.	Indian/US/ Any other	Granting date
1	Green Technology For Lithium, Nickel And Cobalt Recycling In Electric Vehicle Batteries	202421055787 A	Indian	

B) Books/Book Chapters

Sr. No.	Title	Publisher	Year of Publication	ISBN No	Type (Reference/Text)
1	Recent development in chiral self-assembly of porphyrin and protoporphyrin IX molecular architectures	Academic Press	2022	978-0-323-90984-6	Reference

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)
	Controlling macromolecular superstructures of AIE-active porphyrin by manipulating pH in water	Indian Journal of Chemistry(IJC) 64 (2), 172-182	0019-5103	Scopus	0.6
1	Iodine-DMSO Catalyzed β-carboline Derivative Chemoselective Fluorescent Molecule for Detection of Fluoride and Cyanide Anion	ChemistrySelect 2024, 9,	2365-6549	Scopus	2.0
2	Tetraphenylethylene based fluorescent chemosensor for the selective detection of explosive nitroaromatic compounds	ChemistrySelect 2023, 8, e202204354 (1 of 6)	2365-6549	Scopus	2..0
3	Nature-inspired organic semiconductor via solvophobic self-assembly of porphyrin derivative as an effective photocatalyst for degradation of rhodamine B dye	Journal of Water Process Engineering 40 (2021) 101876	2214-7144	Scopus	6.7
4	Arginine-induced self-assembly of protoporphyrin to obtain effective photocatalysts in aqueous media under visible light	Molecules 2019, 24, 4172; doi:10.3390/molecules24224172	1420-3049	Scopus	4.6

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	Nature-inspired organic semiconductor via solvophobic self-assembly of porphyrin	Conference	International	D. P. Bhosale College, Koregaon

	derivative as an effective photocatalyst for degradation of rhodamine B dye			
2	Preparation of self-assembly of porphyrin derivative as an effective photocatalyst for degradation of rhodamine B dye	Conference	National	Sadguru Gadge Maharaj College, Karad

F) Citation Index

	Google Scholar	**Scopus**	**Web of Science**
Citations	**49**		
h-index	**3**		
i10-index	**3**		

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

Sr. No	**Name of the programme**	**Organizing institute**	**Date**
1	Refresher Course	10th Oct 2022 to 22 Oct 2022	University of Hydrabad
2	Online Refresher Course	01st December 2020 to 31st March 2021	SWAYAM Arpit
3	Short Term Course	June to September 2021	SWAYAM
4	Refresher Course	01st December, 2017 to 21st December 2017	University of Goa
5	Orientation Course	24th May 2016 to 20th June 2016	BHU, Varanasi

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

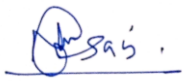
Sr. No.	**Name of the event**	**Organizing institute**	**Level (Intl/Natl/ State/Uni/Local etc.)**	**Date**

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

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

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

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



Signature of Faculty