



Profile of the Faculty

1. General Information:

Name of the Faculty	:	Dr. Shailesh Namdev Vajekar
Name of the Department	:	Chemistry
Educational Qualifications	:	M.Sc., Ph.D., NET(CSIR-JRF), SET
Present Position	:	Associate Professor
Address for Correspondence	:	House No-227 K, Bouddh Wada, Valavali Gaon, Tal-Panvel, Navi Mumbai, Maharashtra, India, Pin-410208
E-mail	:	shaileshchem81@gmail.com
Contact Number	:	+91 9867296850
Specialization	:	Organic Chemistry
Total teaching experience	:	15 Years
Courses taught	:	F.Y./S.Y./T.Y.B.Sc., M.Sc. (Organic Chemistry)
Research experience	:	09 Years
Number of students registered for Ph.D. degree	:	--
Number of students awarded Ph.D. degree	:	--
Number of students registered for P.G degree by research	:	--
Number of students awarded P.G degree by research	:	--

2. Publication of Research Papers:

UGC listed journals	:	05
Peer reviewed journals	:	05
Non-peer reviewed journals	:	--
Conference proceedings	:	--

3. List of Publication of Research Papers:

1. **Vajekar, S. N.;** Shankarling, G. S. Choline hydroxide promoted sustainable one-pot three-component synthesis of 1H-pyrazolo[1,2-a]pyridazine-2-carbonitriles under solvent-free conditions. *Synthetic Communication*, **2020**, 50(8), 1147-1158. <https://doi.org/10.1080/00397911.2020.1720736>
2. **Vajekar, S. N.;** Shankarling, G. S. Highly efficient green synthesis of the photochromic spironaphthoxazines using an eco-friendly choline hydroxide catalyst. *Synthetic Communications*, **2020**, 50(3), 338-347. <https://doi.org/10.1080/00397911.2019.1694690>
3. **Vajekar, S. N.;** Shankarling, G. S. Application of Fe₃O₄@silica sulfuric acid as a magnetic nanocatalyst for the synthesis of rhodamine derivatives. *ChemistrySelect*, **2018**, 3 (21), 5848-5852. <https://doi.org/10.1002/slct.201801127>
4. **Vajekar*, S. N.;** Pargaonkar J. G.; Patil, S. K. Greener route for the synthesis of photo- and thermochromic spiropyrans using a highly efficient, reusable, and biocompatible choline hydroxide in an aqueous medium. *Synthetic Communications*, **2018**, 48 (2), 208-215. <https://doi.org/10.1080/00397911.2017.1395053>
5. **Vajekar*, S. N.;** Pargaonkar, J. G.; Patil A. B.; Patil, S. K. Application of Fe₃O₄ as a magnetic nanocatalyst in the synthesis of photochromic spironaphthoxazines. *Research Journal of Chemistry and Environment*, **2020**, 24 (6), 61-69. https://www.researchgate.net/publication/341713247_Application_of_Fe_3_O_4_as_a_magnetic_nanocatalyst_in_the_synthesis_of_photochromic_spironaphthoxazines

4. Books authored:

International Publisher	:	--
National Publisher	:	03
Chapters in edited book	:	06
Edited book by International publisher	:	--
Edited book by National publisher	:	--

5. List of Books authored:

Sr. No.	Book title	Publisher	ISBN No.	No. of co-authors
01	Physical Chemistry F.Y.B.Sc.	Sheth Publishers Pvt. Ltd., Mumbai	978-81- 941207-3-5	06
02	Inorganic Chemistry F.Y.B.Sc.	Sheth Publishers Pvt. Ltd., Mumbai	978-81- 941207-2-8	06
03	Organic Chemistry F.Y.B.Sc.	Sheth Publishers Pvt. Ltd., Mumbai	978-81- 941207-1-1	04

6. Major Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency

7. Minor Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency

8. Patents:

Status	National	International
Applied		
Granted		

9. List of patents:**10. Membership:**

1. Life Member of **Association of Chemistry Teachers** since 22-12-2017
2. Member of **Society of Dyers and Colorists (SDC), UK** (Year 2011)

11. Consultancy service provided and Revenue generated:**12. Academic Staff College Orientation/Refresher courses attended:**

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	Academic Staff College, University of Mumbai	04-11-2008 to 02-12-2008	UGC

Refresher Course	Academic Staff College, University of Pune	12-09-2011 to 02-10-2011	UGC
Refresher Course	HRD Centre, University of Mumbai	19-10-2015 to 07-11-2015	UGC
Refresher Course	Indian Institute of Science, Karnataka	25-11-2017 to 15-12-2017	MHRD
Short Term Course	HRD Centre, University of Mumbai	11-02-2019 to 16-11-2019	UGC
Short Term Course	B. K. Birla College, Kalyan	12-12-2018 to 16-12-2018	RUSA
Short Term Course	Online with E-Certification	Feb-March 2019 (Four weeks)	SWAYAM-NPTEL

13. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper	Only attended	Chaired session	Resource person
International	03			
National	06			01
State				
University				

14. Conferences, symposia, seminars and workshops organized as convener/co-convener:

Level	Convener	Co-convener
International		
National		
State		
University	01	

15. Experience on the various committees at the college

- Coordinator-**RUSA** (Rashtriya Uchchar Shiksha Abhiyan)
- Coordinator-**SWAYAM MOOCs**
- Member-**Governing Body**

- Member Secretary-**Academic Council**
- Member-**College Development Committee**
- Member-**Finance Committee**
- Member-**Board of Studies in Chemistry**
- Member-**Career Guidance, Placement and Counselling**
- Member-**Admission Committee**
- Member-**Health Centre**
- **Class teacher** M.Sc. Part-1 Chemistry
- Member-**Educational Visits Committee**

16. Experience on the NAAC/ IQAC of the college

- Raigad District Coordinator-NAAC
- Member-**Internal Quality Assurance Cell (IQAC)**

17. Experience on the Various Committees at the University of Mumbai / Government

18. Awards/recognitions received:

Level	Title	Year	Awarding agency
International	Certificate of Appreciation for successful conduct of SDC's 8 th Annual International Conference -Colour Trends held in Mumbai	June 3-4, 2011	Society of Dyers and Colorists (SDC), UK
International	Certificate of Recognition and Excellence as part of Organizing team of the Chem-Careers India 2012 jointly organized by Institute of Chemical Technology, Mumbai, India	October 20, 2012	Royal Society of Chemistry, UK
National	Qualified NET-CSIR-Junior Research Fellowship	December-2009	UGC-CSIR
National	1 st Rank in Oral Presentations in National Conference	March 4, 2017	Acharya and Marathe College, Chembur, Mumbai
National	2 nd Rank in Oral Presentations in National Seminar	December 22, 2015	Changu Kana Thakur A.C.S. College, New Panvel