



Profile of the Faculty

1. General Information:

Name of the Faculty	:	Dr. Kamble Vishal Suresh
Name of the Department	:	Chemistry
Educational Qualifications	:	M.Sc., Ph.D., B.Ed., NET, SET, GATE.
Present Position	:	Assistant Professor
Address for Correspondence	:	New Panvel
E-mail	:	vishalchemistry1@gmail.com
Contact Number	:	7977445759
Specialization	:	Physical Chemistry
Total teaching experience	:	13 Years
Courses taught	:	B.Sc., M.Sc.
Research experience	:	8 Years

2. Publications and Projects:

Sr. No.	Paper/Project/Book	Type	Number	Level	Status
1	Research Paper	UGC-Care listed	24	International	24 Published 1 Submitted
2	Research Paper	Peer reviewed	05	International & National	Published
3	Research Project	--	3	Funded by RUSA (2) & TIPL (Non-Government Source)	Two completed (RUSA) & one ongoing (TIPL)

3. Research Paper details (UGC-Care listed & Peer reviewed):

1. **V.S. Kamble**, Y.H. Navale, V.B. Patil, N.K. Desai, S.T. Salunkhe, *J. Mater. Sci.: Mater. Electron.* 32 (2021) 2219–2233. <https://doi.org/10.1007/s10854-020-04987-z> (**Springer, I.F. 2.6**)
2. **V.S. Kamble**, Y.H. Navale, V.B. Patil, N.K. Desai, S.N. Vajekar, S.T. Salunkhe, *J. Mater. Sci.: Mater. Electron.* 32 (2021) 26503–26519. <https://doi.org/10.1007/s10854-021-07027-6> (**Springer, I.F. 2.6**)
3. **V.S. Kamble**, R.K. Zemase, R.H. Gupta, B.D. Aghav, S.A. Shaikh, J.M. Pawara, S.K. Patil, S.T. Salunkhe, *Optical Materials* 131 (2022) 112706. <https://doi.org/10.1016/j.optmat.2022.112706> (**Elsevier, I.F. 3.7**)
4. V.N. Pawar, **V.S. Kamble***, K.A. Mundhe, B.D. Aghav, S.T. Salunkhe, A.N. Kadam, S.S. Kamble, *Vacuum* 227 (2024) 113373. <https://doi.org/10.1016/j.vacuum.2024.113373> (**Elsevier, I.F. 4**)
5. S.A. Shaikh, **V.S. Kamble**, R.K. Zemase, S.K. Patil, B.D. Aghav, *Res. Chem. Intermed.* 49 (2023) 5255–5272. <https://doi.org/10.1007/s11164-023-05364-6> (**Springer, I.F. 3.3**)
6. S.A. Shaikh, **V.S. Kamble**, R.H. Gupta, A.G. Awale, S.T. Salunkhe, B.D. Aghav, *J. Heterocycl. Chem.* 60 (2023) 1004–1013. <https://doi.org/10.1002/jhet.4584> (**Wiley-Blackwell, I.F. 2.4**)
7. S.A. Shaikh, **V.S. Kamble**, S.T. Salunkhe, S.K. Patil, B.D. Aghav, *Org. Prep. Proced. Int.* 55 (2023) 393–403. <https://doi.org/10.1080/00304948.2023.2196434> (**Taylor & Francis, I.F. 1.18**)
8. S.S. Patil, **V.S. Kamble**, D.K. Patil, J.M. Pawara, *Malaysian J. Chem.* 24 (2022) 125–131.
9. B.D. Aghav, **V.S. Kamble***, S.A. Shaikh, J.M. Pawara, S.T. Salunkhe, *Indian J. Nat. Sci.* 13 (2022) 46466–46470.
10. A.A. Bhagat, S.S. Patil, B.P. Langi, **V.S. Kamble**, D.K. Patil, J.M. Pawara, *Indian J. Nat. Sci.* 13 (2022) 45164–45173.
11. S.S. Patil, S. Patil, D.K. Patil, **V.S. Kamble**, J.M. Pawara, *Indian J. Nat. Sci.* 41 (2023) 57847–57855.
12. V.N. Pawar, **V.S. Kamble**, S.T. Salunkhe, J.M. Pawara, S.K. Patil, G.U. Patil, S.S. Kamble, *Indian J. Nat. Sci.* 41 (2023) 57868–57871.

13. **V.S. Kamble**, S.S. Patil, S.L. Khairnar, D.K. Patil, S.S. Kamble, S.M. Chilate, J.M. Pawara, *Oriental J. Chem.* 39 (2023) 1675–1682. <https://doi.org/10.13005/ojc/390625>
14. **V.S. Kamble**, S.G. Pagare, J.M. Pawara, S.S. Kamble, D.K. Patil, M.A. Joshi, S.L. Khairnar, *Indian J. Nat. Sci.* 14 (2023) 66660–66670.
15. J.M. Pawara, **V.S. Kamble**, S.S. Kamble, D.Y. Patil, H.P. Deokar, D.K. Patil, *J. Adv. Zool.* 44 (2023) 123–132.
16. **V.S. Kamble**, S.L. Khairnar, J.M. Pawara, D.K. Patil, V.N. Pawar, S.S. Kamble, *J. Adv. Zool.* 44 (2023) 225–228.
17. P.S. Thakur, V.N. Pawar, S.S. Kamble, J.M. Pawara, S.A. Solaskar, **V.S. Kamble***, *J. Adv. Zool.* 44 (2024) 377–381.
18. A.K. Gavit, **V.S. Kamble**, S.S. Kamble, S. Pawar, M. Jamdhade, J.M. Pawara, *Indian J. Nat. Sci.* 14 (2024) 68175–68180.
19. S.M. Chilate, **V.S. Kamble**, O.S. Shembekar, S.N. Vajekar, *J. Adv. Zool.* 44 (2024) 44–48.
20. **V.S. Kamble**, S.K. Patil, S.N. Vajekar, S.T. Salunkhe, J.G. Pargaonkar, *Indian J. Nat. Sci.* 15 (2024) 72507–72514.
21. V.N. Pawar, A.K. Chaudhari, **V.S. Kamble**, P.S. Thakur, N.K. Patil, S.S. Kamble, *J. Adv. Zool.* 44 (2024) 399–402.
22. Satyajit S. Kamble, **Vishal S. Kamble***, Madhuri S. Barge, Kaustubh A. Mundhe, Vijay N. Pawar, *Appl. Phys. A* 132 (2026) 97. <https://doi.org/10.1007/s00339-025-09199-y>
(Springer, I.F. 2.8)
23. **V.S. Kamble**, N.K. Desai, S.T. Salunkhe, *Int. J. Grid Distrib. Comput.* 13 (2020) 67–84.
(Peer reviewed)
24. D.K. Patil, J.M. Pawara, B.V. Patil, **V.S. Kamble**, *Shodhsamhita* 9 (2022) 3. (Peer reviewed, Print only)
25. J.M. Pawara, **V.S. Kamble**, H. Devkar, B. Patil, D. Patil, *Bull. Environ. Pharmacol. Life Sci.* 39 (2023). (Peer reviewed, Print only)
26. **V.S. Kamble**, B.D. Aghav, J.M. Pawara, S.T. Salunkhe, *Educreator Res. J.* 9 (2022) 230–234. (Peer reviewed, Print only)
27. L.A. Ghule, A.A. Khadpe, **V.S. Kamble**, *New Horizons in Humanities and Basic Sciences for Sustainable Development* 2 (2025) 144–151. (Peer reviewed, Print only)

28. Damini Deshmukh, Netaji Desai, Suyog Mane, Asmita Bambole, **Vishal Kamble**, Santosh Kamble, Yogita Babar, Shubhangi Bandgar, Ravindra Mahajan, Sujit Deshmukh, Sonali Suryawanshi, *ChemistrySelect* 11 (2026) e04639. <https://doi.org/10.1002/slct.202504639> (Wiley-Blackwell, I.F. 2)

4. Books authored:

1	Book Chapter	--	03	International	Published
2	Book	--	09	National	Published
3	Patent	--	01	National	Granted

Book Chapter Details:

Sr. No.	Author/s	Title of Book Chapter	Title of Book	Year	Editors	Publisher	ISBN
1	Vishal S. Kamble , Satyajit S. Kamble, Sagar L. Khairnar, Digambar K. Patil, Sushil S. Ghadge, Netaji K. Desai, Rahul N. Patil, Jitendra M. Pawara*	Synthesis and Characterization of Metal Oxide Nanoparticles: Approaches And Techniques	Futuristic Trends in Chemical, Material Sciences & Nano Technology	2024	Dr. Aparajita Shankar, Dr. Rajesh Kumar Meena, Dr. Vasudeo Gurnule, Ananya Choudhari	IIP International Publishers USA, India.	978-93-5747-960-8
2	Vishal S. Kamble , Satyajit S. Kamble, Sagar L. Khairnar, Digambar K. Patil Jitendra M. Pawara*	"A Comparative Study of Gas Sensor Technologies for Detecting Hazardous Gases"	Rethink Revolution: Transformative Waves Across Disciplines	2024	Dr. Eknath Mundhe	Dr. Eknath Mundhe	978-93-340-0464-9
3	N. K. Desai, V. S. Kamble, S. B. Bandgar, V. B. Ghanwat, S. B.	Fabrication of organic light-emitting diodes	Frontier Areas in Chemical Sciences	2023	P.V.Chavan, A.R.Mali, S.B.Kamble R.V.Hangarge and	Aavishkar Publication, Talegaon Dabhade, Pune 412	978-81-964704-3-2

	Kamble, S. T. Mahanwar, S. R. Patil	(OLEDs) by using - conjugated organic compounds			V.K.Hankare	106	
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Books Detail:

Sr. No.	Author/s	Title of Book	Year	Edition	Page No.	Name of Publisher	ISBN
1	S.K. Patil, V.S. Kamble, K. Raghuraman, D.V. Prabhu, P.A. Sathe, S.H.S. Bohra, S.S. Shetye	Basic Principles in Physical Chemistry F.Y.B.Sc. Semester I & II	2021	Second	40-64	Sheth Publisher PVT. LTD, Mumbai.	978-81-941207-3-5
2	Dr. V.S. Kamble, Dr. Sunil S. Patil, Dr. J.M. Pawara, Dr. S.N. Vajekar D.V. Prabhu	Physical Chemistry (Paper I) (T.Y.B.Sc Chemistry Sem-V and VI)	2023	First	133-151, 248-257	Sheth Publisher PVT. LTD, Mumbai.	978-93-5902-145-4
3	Dr. V.S. Kamble, Dr. J.M. Pawara, Dr. D.K. Patil, K. Raghuraman, D.V. Prabhu, P.A. Sathe, S.H.S.Bohra, Sugandha Shetye	Basic Principles in Physical Chemistry (F.Y.B.Sc. Sem-I &II)	2023	First	32-101, 225-242	Sheth Publisher PVT. LTD, Mumba	978-93-5725-275-1
4	Dr. J.M. Pawara, Dr. V.S. Kamble, Dr. D.K. Patil, Dr. Sudheer Lingayat, Dr.	Inorganic Chemistry (S.Y.B.Sc Sem-III &IV)	2023	First		Sheth Publisher PVT. LTD, Mumbai	978-935902-168-3

	Sakina Z. Bootwala, Dr. Sheela Valecha, Dr. Chandrakant L. Patil						
5	Dr. J.M. Pawara, Dr. D.K. Patil, Dr. V.S. Kamble , Dr. Sudheer Lingayat, Pratibha Singh, Dr. Sunil Patil, Dr. H.A.Parbat	Practicals in Chemistry (F.Y.B.Sc. Sem-I & II)	2023	First	1-11	Sheth Publisher PVT. LTD, Mumbai	978-93- 5902-075-4
6	Dr. S.N. Vajekar, Dr. J.M. Pawara, Dr. V.S. Kamble , Pratibha Singh	Introduction of Synthetic Dye (T.Y.B.Sc Chemistry Sem-V &VI)	2023	First	25-52	Sheth Publisher PVT. LTD, Mumbai.	978-93- 5902-081-5
7	Dr. J.M. Pawara, Dr. V.S. Kamble , Dr. S.N. Vajekar, Preeti V. Kumar Jain	Introduction to Drugs (T.Y.B.Sc Chemistry Sem-V &VI)	2023	Second	81-96	Sheth Publisher PVT. LTD, Mumbai.	978-93- 5902-074-7
8	Dr. J.M. Pawara, Dr. V.S. Kamble , Dr. D.K. Patil, Pratibha Singh, Dr. Leena Rao, Dr. S.K. Patil, Dr. Balasaheb Aghav	Organic Chemistry (F.Y.B.Sc. Sem-I &II)	2023	First	1-20	Sheth Publisher PVT. LTD, Mumbai.	978-93- 5725-448-9

9	Dr. Jitendra M. Pawara, Dr. Digambar K. Patil, Dr. Anuja Singh, Dr. Vishal S. Kamble , Mr. Rahul N. Patil	Practicals in Chemistry (Minor) F.Y.B.Sc.	2023	First	1-25	Sheth Publisher PVT.LTD, Mumbai	978-93-5902-920-7
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Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	IISER Pune	1 Month	UGC, New Delhi
Refresher Course	Online (Swayam Arpit)	4 Month	Govt. of India, Ministry of Human Recourse Development
Faculty development Program	Online	2 weeks	Govt. of India, Ministry of Human Recourse Development
Faculty development Program	Online	1 weeks	Govt. of India, Ministry of Human Recourse Development
Faculty development Program	Online	1 weeks	Govt. of India, Ministry of Human Recourse Development
Refresher Course	Online (PMMMNMSTT scheme)	2 weeks	Govt. of India, Ministry of Human Recourse Development

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

Level	Presented paper	Only attended
International	04	01
National	02	--

- **Paper presented in Conferences, Web conferences and seminars**

- Presented paper on "Co-precipitation grown nickel doped ZnO nanostructures: NO₂ sensing abilities" in National Conference on "Recent Innovations and Concerns of Green Chemistry towards Sustainability" organized by Department of Chemistry, Changu Kana Thakur Arts, Commerce and Science College New Panvel (Autonomous), New Panvel. **(February 2020)**
- Presented paper on "NO₂ sensing abilities of cobalt doped ZnO thin films prepared by co-precipitation method" in National Conference on "Disruptive Technology in Shaping the Features with New Innovations" organized by Karmaveer Bhaurao Patil College Vashi, Mumbai. **(March 2020)**
- Presented paper on "Synthesis of ZnO nanostructure by co-precipitation method for NO₂ gas sensor" at International Web Conference on "Science, Engineering and Technology" (IWCSET-2020) organized by Society for Technologically Advanced materials (STAMI), Nagpur. **(May 2020)**
- Presented paper on "Co doped sensor grown by co-precipitation technique for NO₂ sensing application" in International Web Conference on "Advanced Material Science and Nanotechnology" (NANOMAT 2020) organized by Department of Physics, Vinayak Vidyan Mahavidyalay Nandgaon Khandeshwar, Amaravati. **(June 2020)**
- Presented paper on "Fabrication of ZnO nanostructured sensor by co-precipitation technique for NO₂ gas detection" in 2nd International Conference on "Empirical and Theoretical Research" (ICETR-2020 online) organized by International board for education, Research and Development Mumbai. **(June 2020)**
- Presented paper on "Application of sensors in detection of hazardous gases". at Web Conference on "Covid 19: Perspective of Sciences and challenges" organized by Siddharth college of Arts, Commerce and Science, Fort Mumbai. **(June 2020)**

Participated in Conferences, Web conferences and seminars

- Participated at international webinar on "Interdisciplinary Scientific research: Status and Opportunities" at Karmaveer Bhaurao Patil College Vashi, Mumbai. **(May 2020)**

30. Experience on the various committees at the college

- International linkage committee 03 years (Co-ordinator)
- Placement Cell (03 years) (Chairman)
- Biogas Plant, 3 Years (Co-ordinator)
- Effluent Treatment Plant (ETP), 3 Years (Co-ordinator)
- Placement Cell, 2 Years (Member)
- Examination committee 03 year (Member)
- Board of Studies in Chemistry 04 years (Member)
- T.Y.B.Sc. Class Teacher (6 Years)

31. Experience on the NAAC/ IQAC of the college

- Internal Quality Assurance Cell (IQAC) committee 04 years (Member)
- Display board committee 01 year (Chairman)

32. Awards/recognitions received:

Level	Title	Year	Awarding agency
International	Best paper presentation award	2020	International Board for Education, Research and Development (IBERD) Mumbai.