

## CURRICULUM VITAE



### PERSONAL DETAILS

1. Name : Dr. Archana Akaram Yadav
2. Permanent Address : A/P: Kokarud, Tal-Shirala, Dist-Sangli
3. Designation : Assistant Professor
4. Qualification : M. Sc., Ph. D.
5. Mobile Number : 7219369632/9689537735
6. e-mail : yadavarchana743@gmail.com
7. Vidwan Id : 414653
8. Date of Birth : 18/05/1995
9. Gender : Female

### EDUCATIONAL QUALIFICATION:

Degree /Qualification	School/ College/Institute	Board/ University	Passing Year	Class & Percentage	Specialization
Ph.D.	Shivaji University, Kolhapur	Shivaji University, Kolhapur	2023	--	Chemistry
M.Sc.	K. R. P. College, Islampur	Shivaji University, Kolhapur	2018	First class with Distinction, 71.63%	Organic Chemistry
B.Sc.	D. A. B. N. College, Chikhali	Shivaji University, Kolhapur	2016	First class, 64%	Chemistry
HSC	Yashawant Highschool, Kokarud	Maharashtra State board, Pune	2012	Second class 55.50	PCM
SSC	Ninaidevi Kanya Mahavidyalaya, Kokarud	Maharashtra State board, Pune	2011	First class with Distinction, 74.91%	----

**10. Ph.D. thesis title:**“Synthesis of Functionalized Nanocatalysts for Organic Transformations”

**Guide’s Name :**Dr. S. A. Sankpal

**11. Research Specializations :**Organic Chemistry

**12. Awards /Achievements :--**

**13. Date of recognition as PG teacher (if applicable) :** N. A.

**14. Date of recognition as Research Guide (if applicable):**N. A.

**15. Number of students completed M.Phil. /Ph.D. degree under your supervision:** N. A.

**16. Number of Research Students currently working under your supervision:**N. A.

**17. Teaching Experience:**

**UG level: --**

**PG level: 2 years**

Sr. No.	Designation / Post held	Name of the College / Institute	Nature of appointment	Period		Experience in Years
				From	to	
1.	Teaching Assistant	Department of Chemistry, Kolhapur	Temporary	July 2019	June 2022	2
2.	Assistant Professor	DKASC College, Ichalkaranji	Temporary	August 2023	Till Date	1 year 5 months
<b>Total</b>						3.5 Years

**18. Experience in this College:** 1 year, 5 months

**19. Research Articles Published:** 10

**Total citations:** 82 (Google scholar)

**h-index:** 05 (Google scholar)

**Link to the Google scholar account:** <https://scholar.google.com/citations?user=>

S r. N o.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
1.	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -SO <sub>3</sub> H-DABCO: A novel magnetically retrievable bifunctional catalyst for eco-friendly synthesis of diheteroarylmethanes	<b>A. Yadav</b> , P. Patil, D. Chandam, S. Jadhav, A. Ghule, Shankar Hangirgekar, Sandeep Sankpal, 2021	Department of Chemistry, Shivaji University, Kolhapur	Journal of Molecular Structure	2021	00222860	<a href="https://www.sciencedirect.com/journal/journal-of-molecular-structure">https://www.sciencedirect.com/journal/journal-of-molecular-structure</a>	<a href="https://doi.org/10.1016/j.molstruc.2021.130960">https://doi.org/10.1016/j.molstruc.2021.130960</a>	Yes
2.	[MerDABCO-SO <sub>3</sub> H]Cl catalyzed synthesis, antimicrobial and antioxidant evaluation and molecular docking study of pyrazolopyranopyrimidines	P. Patil, <b>A. Yadav</b> , L. Bavkar, N. B. N, N. Satyanarayan, A. Mane, S. Hangirgekar, S. Sankpal	Department of Chemistry, Shivaji University, Kolhapur	Journal of Molecular Structure	2021	00222860	<a href="https://www.sciencedirect.com/journal/journal-of-molecular-structure">https://www.sciencedirect.com/journal/journal-of-molecular-structure</a>	<a href="https://doi.org/10.1016/j.molstruc.2021.130672">https://doi.org/10.1016/j.molstruc.2021.130672</a>	Yes
3.	[MerDABCO-BSA][HSO <sub>4</sub> ] <sub>2</sub> : A novel polymer supported Brønsted acidic ionic liquid catalyst for the synthesis of biscoumarins and ortho-aminocarbonitriles	P. Patil, <b>A. Yadav</b> , D. Chandam, R. Gurav, S. Hangirgekar, S. Sankpal,	Department of Chemistry, Shivaji University, Kolhapur	Journal of Molecular Structure	2022	00222860	<a href="https://www.sciencedirect.com/journal/journal-of-molecular-structure">https://www.sciencedirect.com/journal/journal-of-molecular-structure</a>	<a href="https://doi.org/10.1016/j.molstruc.2022.132622">https://doi.org/10.1016/j.molstruc.2022.132622</a>	Yes
4.	An expeditious synthesis and histotoxicological study of 1,2,3-triazoles catalyzed by a	<b>A. Yadav</b> , P. Patil, N. Birajdar, A. Gophane, K. Gunturu, S. Hangirgekar, S. Sankpal	Department of Chemistry, Shivaji University, Kolhapur	Applied Organometallic Chemistry	2023	1099-0739	<a href="https://onlinelibrary.wiley.com/journal/10990739">https://onlinelibrary.wiley.com/journal/10990739</a>	<a href="https://doi.org/10.1002/aoc.7181">https://doi.org/10.1002/aoc.7181</a>	Yes

	novel Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -Pr-thiosemicarbazide-Cu(II) as a magnetically separable catalyst								
5.	Synthesis, crystal structure, DFT/HF, Hirshfeld surface, and molecular docking analysis of 4-(tert-butyl)-4-nitro-1,1-biphenyl	N. Kumari, R. Sharma, <b>A. Yadav</b> , S. Sankpal, J. Raj, S. Murugavel, Rajni Kant	Department of Chemistry, Shivaji University, Kolhapur	Rasayan Journal of Chemistry	2023	09760083	<a href="http://www.rasayanjournal.co.in">http://www.rasayanjournal.co.in</a>	<a href="http://doi.org/10.31788/RJC.2023.1628136">http://doi.org/10.31788/RJC.2023.1628136</a>	Yes
6.	Synthesis, crystal structure, DFT/HF, Hirshfeld surface, and molecular docking analysis of 4-(tert-butyl)-4-nitro-1,1-biphenyl	N. Kumari, R. Sharma, <b>A. Yadav</b> , S. Sankpal, J. Raj, S. Murugavel, Rajni Kant	Department of Chemistry, Shivaji University, Kolhapur	European Journal of Chemistry	2023	2153-2249	<a href="https://www.eurjchem.com/index.php/eurjchem">https://www.eurjchem.com/index.php/eurjchem</a>	<a href="https://doi.org/10.5155/eurjchem.14.1.90-98.2386">https://doi.org/10.5155/eurjchem.14.1.90-98.2386</a>	Yes
7.	“Boronic acid functionalized silica-coated Fe <sub>3</sub> O <sub>4</sub> as a novel magnetically separable catalyst for the synthesis hydrazinyl thiazoles	<b>A. Yadav</b> , R. Zond, S. Jadhav, S. Hangirgekar, S. Sankpal,	Department of Chemistry, Shivaji University, Kolhapur	Applied Organometallic Chemistry	2023	1099-0739	<a href="https://onlinelibrary.wiley.com/journal/10990739">https://onlinelibrary.wiley.com/journal/10990739</a>	<a href="https://doi.org/10.1002/aoc.7282">https://doi.org/10.1002/aoc.7282</a>	Yes
8.	Fe <sub>3</sub> O <sub>4</sub> @Thiosemicarbazide-Cu(II): An efficient magnetically separable catalyst for greener synthesis of 1,2,3-	R. Zond, <b>A. Yadav</b> , R. Yadav, N. Valekar, S. Pore, D. Chandam, S. Hangirgekar, S. Sankpal,	Department of Chemistry, Shivaji University, Kolhapur	Journal of Organometallic Chemistry	2024	1872-8561	journal-of-organometallic-chemistry	<a href="https://doi.org/10.1016/j.jorganchem.2023.122925">https://doi.org/10.1016/j.jorganchem.2023.122925</a>	Yes

	triazoles using click reaction”								
9.	“Synthesis, crystal structure, quantum chemical computation and molecular docking analysis of 1-(tert-butyl)-4-methoxy-[1,1-biphenyl]-4-yl) ethenone”	N. Kumari, <b>A. Yadav</b> , S. Sankpal, S. Murugavel, D. Lakshmana n, Rajni Kant,	Department of Chemistry, Shivaji University, Kolhapur,	Journal of Iranian Chemical Society	2024	1735-2428	<a href="https://link.springer.com/article/10.1007/s13738-024-03032-8">https://link.springer.com/article/10.1007/s13738-024-03032-8</a>	<a href="https://doi.org/10.1007/s13738-024-03032-8">https://doi.org/10.1007/s13738-024-03032-8</a>	Yes
10.	“Synthesis, crystal structure, DFT/HF, Hirshfeld surface, and molecular docking analysis of 4-(tert-butyl)-4-methoxy-1,1-biphenyl (4-TBMB)”	N. Kumari, R. Sharma, <b>A. Yadav</b> , S. Sankpal, J. Raj, S. Murugavel, Rajni Kant,	Department of Chemistry, Shivaji University, Kolhapur	Rasayan Journal of Chemistry	2023	0974-1496	<a href="https://www.eurjchem.com/index.php/eurjchem/article/view/2386">https://www.eurjchem.com/index.php/eurjchem/article/view/2386</a>	<a href="https://doi.org/10.5155/eurjchem.14.1.90-98.2386">https://doi.org/10.5155/eurjchem.14.1.90-98.2386</a>	Yes

**20. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings :N. A.**

**21. Details of Workshop/ Seminar/ Conference/ Symposia Attended/ Participated/ Presented:**

**National: 09**

**International: 03**

Sr. No.	Name of conf., workshop, seminar, symposia	Date	Level	Role (Attended, presented, participated)
1	Recent Trends in Chemistry and	9th February,	National	Participated

	Materials Science (RTCMS-2019)	2019		
<b>2</b>	Emerging Trends in Chemical and Material Sciences (ETCMS-2020)	6-7 March, 2020	<b>National</b>	<b>Presented</b>
<b>3</b>	Interdisciplinary Approaches in Chemical Sciences (IACS-2021)	21-23th October, 2021	<b>International</b>	<b>Presented</b>
<b>4</b>	International Conference on Advance in Science and Technology (ICAST-2022)	9-10 March,2022	<b>International</b>	<b>Presented</b>
<b>5</b>	Advances in Chemistry and MaterialsScience	28May,2022	<b>National</b>	<b>Presented</b>
<b>6</b>	Advances in Analytical techniques for Materials and Biomedical Application (AATMABIMAN-2022)	15-16 Dec., 2022	<b>National</b>	<b>Presented</b>
<b>7</b>	Recent Trends in Pure and Applied Sciences (ICRTPAS-2023)	24-25 March, 2023	<b>International</b>	<b>Presented</b>
<b>8</b>	Workshop and hands-on training on XRD organized by SAIF	11-12 Nov.,2021	<b>National</b>	<b>Participated</b>
<b>9</b>	Workshop on “Research as Career: Opportunities Abroad and Associated Preparations	13 Feb.,2021	<b>National</b>	<b>Participated</b>
<b>10</b>	Workshop on “Entrepreneurship Development Program”	28 March, 2023	<b>National</b>	<b>Participated</b>
<b>11</b>	Workshop on “IP Awareness/Training Program” under NATIONAL INTELLECTUAL PROPERTY AWAENNES MISSIOON	09 May, 2023	<b>National</b>	<b>Participated</b>
<b>12</b>	National Seminar on “Intellectual Property Rights and Patent Filling” organized by Research Development Cell and Department of Psychology	10 May, 2023	<b>National</b>	<b>Participated</b>

**22. Lectures Delivered at Workshop/ Seminar/ Conference/ Symposia and other as Resource Person:N. A.**

**23. Projects ongoing/completed:** N. A.

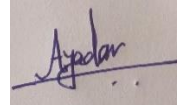
**24. Details of teachers undergoing Faculty Development Programmes, Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course / Certificate Course (MSCIT, TALLEY, JAVA, MOOCS) etc.)**

- CCC

**25. Membership of Institutional /Professional bodies:** N. A.

**26. DECLARATION:**

I hereby declare that all information in this document is true, complete and correct to the best of my knowledge and belief.



**Place: Ichalkaranji**

**Signature**

**Date:**

**(Name- Dr. Archana A. Yadav)**