

FACULTY PROFILE

1. Personal Information:

Name of Faculty : Dr. Sanjay Dhanaji Jadhav

Designation : Assistant Professor

Department : Department of Chemistry

Date of Appointment : 22/05/2023

Area of Specialization : Analytical Chemistry

Courses taught : B.Sc., M.Sc.

Total teaching experience : 1 year, 3 Months as assistant professor and (15 years C.H.B.)

Address for Correspondence: A/P-Kharade, Tal-Karad, Dist- Satara, Pin- 415109.

Date of Birth : 02/05/1978

Marital Status : Married

E-Mail : sdjchemsuk@gmail.com

Language Proficiency : Marathi, English, Hindi

Research Profile Links : Scopus, ORCID and Google Scholar Links

Scopus ID :
ORCID : 0000-0002-0996-9761
Google Scholar:
Research Gate :
Vidvan ID :



2. Academic Qualification: M.Sc., M. Phil., Ph.D.

Course	Board/University	Year of Passing	Percentage	Division	Subjects
Ph.D.	Shivaji University, Kolhapur	2010	-	-	Chemistry
M.Sc.	Bharati Vidyapeeth, Pune.	2000	60.00%	-	Analytical Chemistry
B.Sc.	Shivaji University, Kolhapur	1998	61.33%	-	Chemistry

3. Research Qualification:

Course	University	Year	Topic of Research
Ph.D.	Shivaji University, Kolhapur	24 th July 2010	“Studies on oxides containing 3d transition elements”
M. Phil.	Shivaji University, Kolhapur	Dec. 2007	Grade: C,A,C
JRF/ NET	-----	-----	-----
SET	-----	-----	-----

4. Teaching and Research Experience:

Sr. No.	Academic year	Class	Name of the College/Institution
1.	1 st Aug. 2004 To 30 April 2005 1 st Aug. 2005 To 30 April 2006	B.Sc. Chemistry (Part-I, II, III.)	Yashwantrao Chavan College of Science, Karad.
2.	1 st July 2006 To 30 April 2010	M. Sc.- I, II (Analytical and Inorganic Chemistry)	Department of Chemistry, Shivaji University, Kolhapur.
3.	1 st Aug.2008 To 30 Jun. 2009.	B. Tech. (Chemical Science)	International School of Chemical Technology, Shivaji University, Kolhapur.
4.	1 st August 2010 To Till date	B.Sc. Chemistry (Part-I, II, III.)	Yashwantrao Chavan College of Science, Karad.
5.	1 st August 2012 To Till date	M.Sc. I & II (Analytical Chemistry)	Yashwantrao Chavan College of Science, Karad.

5. Research Papers Published – International/National Journal:

Publications in UGC care list	Publications in conference proceedings	Citations	h-index	i-10 index
12	01	645	08	08

Sr. No	Title of the Paper	Name of Authors	Name of the Journal	Impact Factor	Year	ISSN No.
1	Synthesis, characterization and effect of sintering temperature on magnetic properties of Mg-Ni ferrite prepared by co-precipitation method.	P.P. Hankare, <u>S.D. Jadhav</u> , U.B. Sankpal, S.S. Chavan, K.J. Waghmare, B.K. Chougule	Journal of Alloys and Compounds <i>Vol. 475, 1-2, (2009), 926-929</i>	6.371	2009	0925-8388
2	<u>Synthesis, characterization and studies on magnetic and electrical properties of Mg ferrite with Cr substitution.</u>	P.P. Hankare, V.T. Vader, N.M. Patil, <u>S.D. Jadhav</u> , U.B. Sankpal, M.R. Kadam, B.K. Chougule, N.S. Gajbhiye	Materials Chemistry and Physics, <i>Vol. 113, 1, 15 Jan.(2009) 233-238</i>	4.6	2009	
3	Magnetic and dielectric properties of nanophase manganese-substituted lithium ferrite.	P.P. Hankare, R.P. Patil, U.B. Sankpal, S.D. Jadhav, I.S. Mulla, K.M. Jadhav, B.K. Chougule	Journal of Magnetism and Magnetic Materials, <i>Volume 321, Issue 19, October 2009, Pages 3270-3273</i>	3.097	2009	0304-8853
4	Gas sensing Properties of Magnesium Ferrite prepared by Co-precipitation Method.	P.P. Hankare, <u>S.D. Jadhav</u> , U.B. Sankpal, R.P. Patil, R. Sasikala, I.S. Mulla	Journal of Alloys and Compounds, <i>Vol.488, 1, 20 Nov.(2009) 270-272</i>	6.371	2009	0925-8388
5	Investigation of structural and magnetic properties of nanocrystalline manganese substituted lithium ferrites.	P.P. Hankare, R.P. Patil, U.B. Sankpal, <u>S.D. Jadhav</u> , P.D. Lokhande, K.M.	Journal of Solid State Chemistry, <i>Volume 182, Issue 12, December 2009, Pages 3217-3221</i>	3.3	2009	1095-726X

		Jadhav, R. Sasikala				
6	Synthesis, characterization and electrical properties of the system $\text{LaMn}_x\text{Fe}_{1-x}\text{O}_3$.	P.P. Hankare, M.R. Kadam, P.D. Kamble, <u>S.D. Jadhav</u> , U.B. Sankpal, R.P. Patil, V.B. Helavi, N.S. Gajbhiye	Journal of Alloys and Compounds, <i>Volume 489, Issue 1, 7 January 2010, Pages 233-236.</i> 4.14	6.371	2010	0925-8388
7	Synthesis and morphological study of chromium substituted Zn-Mn ferrites nanostructures via sol-gel method.	P. P. Hankare, R. P. Patil, U.B. Sankpal, <u>S. D. Jadhav</u> , S.N. Achary	Journal of Alloys and Compounds, <i>Volume 509, Issue 2, 12 January 2011, Pages 276-28.</i>	6.371	2011	0925-8388
8	Effect of sintering on photocatalytic degradation of methyl orange using zinc ferrite.	<u>S. D. Jadhav</u> , P. P. Hankare, R. P. Patil, R. Sasikala	Materials Letters, <i>65 (2011) 371–373.</i>	3.574	2011	0167-577X
9	Investigation of Structural, magnetic and Photocatalytic Properties of Al Substituted Cobalt Ferrites	R. P. Patil, R. S. Pandav, A. V. Jadhav, S. D. Jadhav, P. P. Hankare,	Materials Focus Vol. 5, (2016)1-6		2016	2169-4303
10	Eco-friendly synthesis of alpha Aminonitriles Catalysed by EPZG	S D Jadhav Uttam More, R. P. Patil, Ankush Mali and Shivaji Burungale, U P Lad	Der Pharma Chemica Vol. 14 (6),(2022), 31-37		2022	0975-413X
11	Effect of sintering temperature on selectivity of zinc ferrite as gas sensors	S D Jadhav, R S Patil	Der Pharma Chemica Vol.14, (1), (2022), 34-38		2022	0975-413X
12	Photocatalytic degradation study of Methyl orange and Congo red using Mg-Co	S D Jadhav, R S Patil	Journal of water and environmental nanotechnology Vol.7 (2) (2022), 170-179	1.34	2022	2476-6615

	ferrite powder					
13	Zinc ferrite as efficient H ₂ S gas sensor	R. P. Patil, S. D. Jadhav, A. D. Pinjarkar, S. L. Pawar	Aarhat Multidisiplinary Education Research Journal (AMIERJ) SPECIAL ISSUE 06(2018) 1.5		2018	

7. Research Paper Published –Conference Proceedings: Nil

8. Books Published/Chapter in Books:

Sr. No.	Title of Book	Publication	Year of Publication	ISBN No.
1	Thesis has been published as monograph in 'Lambert Academic Publishing' at Germany.	Lambert Academic publishing press, Germany	2012	978-3-8484-8747-9

9. Conference/Seminars/Workshops Attended:

❖ **Papers/Posters presented at Conferences / Seminars / Symposia :14**

- Presented research posters in International conferences = 02
- Presented research posters in national conferences/Seminar = 09
- Workshops attended = 03

Sr. No.	Academic Year	Subject of Seminar/symposia	University/Institution	Level
1.	11 th -12 th Feb. 2000	Seminar in Impact of Pollution on Biosphere	Yashwantrao Mohite College, Erandwane, B. V. Pune	National
2.	8 th -10 th Jan. 2007	Workshop on Frontier in Physics and Chemistry	HanYang University, South Korea and Shivaji University, Kolhapur	International
3.	15 th -17 th Nov. 2007	International Conference on Material Science. Presented Research paper	Department Of Physics, Shivaji University, Kolhapur	International

4.	1 st , 2 nd Feb.2008	National Seminar on Synthesis of New Materials for Industrial Applications. Presented a poster of research work	Department Of Chemistry, Shivaji University, Kolhapur.	National
5.	18 th -21 st Feb.2008	International Conference on Advanced Materials, Presented a poster of research work	School of Chemical Sciences Mahatma Gandhi University, Kottayam, Kerala, India.	International
6.	9 th -11 th Dec.2008	'International Conference on Nanomaterials and Applications', Presented a poster of research work	Department of Chemistry and Department of Physics, Shivaji University, Kolhapur.	International
7.	25 th Sept.2009	One Day Workshop on Microanalysis in Chemistry.	Department of Chemistry , Shivaji University, Kolhapur	National
8.	23 rd ,24 th Dec.2009	National Seminar on advanced synthetic methodologies and Functional materials. Presented a poster of research work	Department of Chemistry , Shivaji University, Kolhapur	National
9.	21 st ,22 nd Jan.2011	UGC-SAP National Symposium on Advances in Synthetic Methodologies and new Materials. Presented a poster of research work	Department of Chemistry , Shivaji University, Kolhapur	National
10.	29 th Sept. 2011	One day workshop on Regression Analysis and Applications.	Department of Statistics L. B. S. College, Satara.	National
11.	21 st -22 nd Jan.2012	'National Seminar on Recent advances in synthetic Chemistry and nanomaterials'. (RASCN2012) Participated and presented research poster.	Organized by Department of Chemistry, Shivaji University, Kolhapur.	National
12.	22 nd -23 rd Jan.2013	National Conference on 'Current Research in Chemical Sciences', Participated and	Organized by Department of Chemistry, Shivaji University, Kolhapur.	National

		presented research poster		
13.	24 th Feb.2018	One day National conference on innovative Research in Physical, Chemical & Life Science	Organized by Department of Chemistry, M. H. Shinde Mahavidyalaya, Tisangi, Kolhapur.	National
14.	13 th March 2023	Green Chemistry & Advanced Materials	Organized by Department of Chemistry, Yashwantrao Chavan College of Science, Karad	National

10. Research Guidance:

Course	Current Fellows	Awarded Fellows
M. Phil.	-	-
Ph.D.	-	-

11. Orientation/Refresher/Short Term Courses Attended:

Sr. No.	Name of Organizer	Name of Programme	Year of Programme	Duration (in Days)	Grade
1	Ramanujan College, University of Delhi	Faculty Induction/Orientation programme	20 Oct. to 22 Nov. 2023	30	A ⁺
2.	Ramanujan College, University of Delhi	Refresher Course in Chemistry	15-29 December 2023	14	A ⁺

12. Awards /recognitions received: International, National, State, University level: Teachers awards, Prize in poster presentation, paper reading in conference/seminar, awards related to social work etc.

Sr. No.	Name of the Award	Awarding Agency	Level	Year
1	UGC-SAP Meritorious fellowship for research work.	University Grant Commission , New Delhi	National	2008-2010

13. Patents:

Sr. No.	Name of Contributors	Title	Agency	Registration Number	Year
1.	-	-	-	-	-

14. Editorial Board

Editor : **Member:** Asian Council of Science Editors.

Review : 1.Desalination.
2. Journal of Petroleum Technology and Alternative Fuels.
3. Advanced Materials Research
4. Advanced Engineering Forum

15. Leadership Activities

16. Contribution to University level

- Paper setter : B. Sc. II
- Examiner : B.Sc., M.Sc.
- Subject Expert in :
- CAP :
- BOS :

17. Special Achievement/ Co-Curricular/Extra Curricular Activities:\

- **P G Teacher recognition**
Recognition as a Post Graduate Teacher by authority of Shivaji University, Kolhapur.
- **Member**
Bronze Member International Water Resources Association, France.
- **Ambassador**
Bentham Ambassador, Bentham Publications, USA.
- **Honour**
Honored by giving 'KANAK VISHESH GAURAV PURSKAR' from Kanak pratishthan Mumbai dated 24th March 2012.

Place : Karad

Name of Faculty

Dr. Sanjay Dhanaji Jadhav
