



Name: Dr.Tulshidas Sitaram Savale  
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**Designation** Associate Professor, Head of Chemistry Department

**Name of the department** Chemistry

**Qualification** M.Sc. Ph.D.

Year	Research Paper International Journal	Research Paper National Journal	Book Publish/ Chapter	Patent Publish/ IPR	Resource Person	Conferences/Seminars/ Workshop organized / attended
2010						
2011						
2012						
2013						
2014		1				
2015	1					
2016						
2017						
2018		1				
2019	2	1				
2020	2					
2021	1					
2022						

Orientation / Refresher / Short Term course / Faculty Development Programme (FDP): Numbers -9

**Administrative Experience: 10 years**  
**Worked in Admission committee. 16 years**  
**Worked in Exam committee. 17 years**  
**Worked in cultural committee. 20 years**  
**Now working as a Vice Principal of college & HOD of chemistry department**

**Representation on Academic / Administrative bodies / Member of organizational bodies.**

Working as a BOS member institute level  
 Joint secretary of Rotary club of Malegaon Mid-town

**Teaching Experience 32 Years****Awards / Recognitions**

Mahavir International Nashik 'Best Teacher Award 5 September 2016'  
 shikshan tapaswi puraskar 5 September 2021  
 Teacher Appreciation award by Rotary Club District 3030  
 Best Research paper presented award

**Research Guidance for M.Phil./Ph.D./Project**

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**Reviewer of Journals****A research paper published / presented**

Sr. No	Name of the Author	Name of the Journal	Title of the Paper	Year of Publication	Volume (ISBN/ISSN N)
1	Dr. T. S. Savale	Bionano Frontier Society	Transport and Thermodynamic Properties of Binary Mixtures of P-Xylene with Propane-1-ol and Butane -1-ol at different temperature	2014-15	0974-0678
2	Dr. T. S. Savale	Research Journey International Multidisciplinary E-research Journal	Sonochemical and thermodynamics Study of Binary Mixture of ortho, meta and para xylene with Propa-2-ol at 298.15 °K	2015-16	2348-7143
3	Dr.T.S.Savale, Dr. R. R. Pawar	Ajanta	Densities and viscosities of binary mixture of O-xylene with Butan-1-ol and pentane-1-ol at (298.15, 303.15, 308.15 and 313.15)K	2018-19	2277-5730
4	Dr.T.S.Sawale	International	Sonochemical and Thermodynamics studies	2019-20	2349-4077

		Research Journal of natural And Applied sciences.	of binary liquid mixture of Xylenes (ortho,meta and para) with propan- 1ol at different temperatures		
5	Dr.T.S.Sawale	Journal of Interdisciplina ry Cycle Research	Studies of Thermodynamics and transport properties of binary solutions of ortho Xylenes with 2 alkanols(C3-C5) at different temperatures	2019-20	0022-1945
6	Dr.T.S.Sawale	International Journal of Research culture of society	Transport and thermodynamics properties of binary mixtures of meta xylenes with propan-1ol,butan- 1ol and pentane 1ol at different temperature	2019-20	2456-6683
7	Dr. T. S. Savale	International Research Journal of Natural and Applied Sciences	Sonochemical and thermodynamic studies of binary liquid mixtuers of xylene(ortho-, meta-, and para-) with propan- 1-ol at different temperatures	2020-21	2349-4077
8	Dr. T. S. Savale	International Journal of Research Culture Society	Transport and thermodynamics properties of binary mixtures of m- Xylene with Propan-1-ol, Butan- 1-ol and pemtan-1-ol at different temperatures.	2020-21	2456-6683
9	Dr. T. S. Savale	IJRAR	Thermodynamics and Sonochemical studies of binary mixtures of (o,m and p-)xylenes with butan-1-ol at different temperatures	2021-22	2349-5138

**Books published / chapter in a book/Patent:**

**PATENT APPLICATION PUBLICATION**

Application No.202221015901 A INDIA

Date of filing of Application :22/03/2022

Publication Date: 29/04/2022

Title of the invention: BIOGENIC GOLD AND SILVER NANOPARTICLES IN THE DEGRADATION OF AROMATIC NITROCOMPOUNDS  
The Patent Office Journal No. 17/2022 Dated 29/04/2022

**Orientation / Refresher / Short Term course / Faculty Development Program me (FDP):**

Sr. No.	Course	Organizer	Duration Dates
1	Orientation	ASC University of Pune	16 Feb 1995 to 15 march 1995
2	Refresher	ASC Punjab University, Chandigarh	03 Sep 1997 to 30 Sep 1997
3	Refresher	KTHM College, Nashik	29 Oct 2003 to 18 Nov 2003
4	Refresher	Bhonsala Military College Nashik	19 Feb 2004 to 10 March 2004

**Conferences/Seminars/ Workshop organized / attended**

Sr. No.	Level	Title of the conference	Organizer	Year

Sr. No.	Title of research paper	Title of conference	Place	Month and Year	Status
1	Seminar	Critical Concepts of Electrochemistry	Manmad	21-22 Jan. 2012	Convener

Sr. No	Title of Seminar / Conference /Work shop	Level	Place	Date ,Month and Year
1	T.Y.B.Sc. Organic Chemistry Practicals	University	S.N. Arts, D.J.M. Com. and B.N.S. Sci. College, Sangamner	10 March 1993
2	Micro Scale techniques and preparations in organic chemistry	University	Abasaheb Garware College, Pune 4	13-16 July 1998
3	Frontiers in organo-analytical chemistry	University	K.T.H.M. College, Nashik	3 April 1999
4	Micro techniques in organic chemistry	University	H.P.T. Arts and R.Y.K. Sci. College, Nashik	30-31 Aug. 2000
5	Environmental awareness	University	ASC College, Manmad	30 Jan. 2002
6	Policy and water management	University	ASC College, Manmad	9 Aug. 2003

7	Policy and water management	University	ASC College, Manmad	14 Dec. 2004
8	T.Y.B.Sc. Chemistry revised syllabus, discussion and orientation in theory and Practicals	University	ASC College, Deola	9 Jan. 2006
9	New trends in environmental science	University	ASC College, Manmad	16 Feb. 2006
10	2 <sup>nd</sup> National Conference on Thermodynamic of chemical and biological systems	National	Veer Narmad University, Surat, Gujrat	30 oct-1Nov. 2006
11	Biodiversity and its conservation	University	ASC College, Manmad	12 Feb. 2007
12	Soil and Water testing	University	B.N. Sarda College, Sangamner	19July 2007
13	The scope of radio isotopes in daily life	University	ASC College, Nampur	4 Jan. 2008
14	Thermodynamics	University	ASC College, Manmad	20 Sept. 2008
15	Advanced trends in chemistry	University	M.S.G. College, Malegaon Camp	22-23 Sept. 2008
16	The radio isotopes in daily life	State	ASC College, Nampur	9 Feb. 2009
17	Availability, utilization and conservation of plant wealth	University	ASC College, Manmad	11 Jan.2010
18	National Conference on green chemistry and environmental pollution	National	P.R. Ghogare Sci. College, Dhule	16-17 Jan. 2010
19	Recent trends in chemistry	State	M.S.G. College, Malegaon Camp	29-30 Jan. 2010
20	Recent trends in thermodynamics	University	L.V.H. College, Panchvati, nashik	3 Feb. 2010
21	Organic spectroscopy	University	K.K.W. ASC college, Pimpalgaon(B.) Nashik	17 Jan. 2011
22	Biodiversity and Pollution control	State	ASC College, Nampur	3-4 Feb. 2011
23	Biodiversity and environmental crisis- past, present and future	International	Dr. P.R. Ghogare Sci. College, Dhule	11-13 Feb. 2011
24	Natural resources and development and environments	University	ASC College, Manmad	23 Jan.2012
25	Syllabus framing at F.Y.B.Sc. chemistry	University	LVH College, Panchavati, Nashik	22 Jan. 2013
26	100 <sup>th</sup> Indian Science Congress held at Calcutta University	Calcutta University	Kolkata	3-7 Jan. 2013

27	Advanced Analytical Techniques in chemistry	Natoinal	M.S.G. College, Malegaon Camp	8-9 Jan. 2013
28	101 <sup>th</sup> Indian Science Congress held at Calcutta University	Jammu University	Jammu	3-7 Jan. 2014
28	Nano Particles –Boon for drug delivery system	state	S.P.H.College of Pharmacy, Malegaon - Camp	3-4 dec 2014
29	Recent trends in spectroscopy	state	ASC College, Surgana	16 Jan 2015
30	Eco restoration Environmental conservation and management	Natoinal	M.S.G. College, Malegaon Camp	6-7 feb. 2015
31	Emerging Trends & Innovative practices in teaching chemistry	state	ASC College, Manmad	23 Jan.2018

**Experience as Resource Person for:**

Sr.No.	Topics	Date	Place /institute
1.	Basics & Stereochemistry of SN <sup>1</sup> & SN <sup>2</sup> Reactions	21/02/2014	S.P.H.College of Pharmacy, Malegaon - Camp
2.	Redox Reaction	03/01/2015	S.S.P & S.S.M Society Blossom Girls'Jr. College, Satana
3.	Factors Affecting an electron availability & Basic Concepts in Organic Chemistry	30/09/2016	S.P.H College of Pharmacy, Malegaon
4.	Chemistry of Alkanes & Alkenes	07/12/2016	S.S.P & S.S.M Society Blossom Girls'Jr. College, Satana
5.	SN <sup>1</sup> and SN <sup>2</sup> reaction Mechanism	08/12/2016	S.S.P & S.S.M Society Blossom Girls'Jr. College, Satana
6.	Impact of Personality development	21/12/2016	NSS Camp at Dhavaleshwar Village, Taluka- Malegaon
7.	Importance of Chemistry in daily life	01/06/2017	Vigilant Career Academy Malegaon
8.	General Chemistry & Basic Concepts	19/08/2017	K.D. Bhalerao Jr College, Lakhmapur-Tal. Baglan
9.	Aldehydes, Ketones and Carboxylic acid	04/10/2017	S.S.P & S.S.M Society Blossom Girls'Jr. College, Satana

10.	Introduction of Chemistry	06/12/2017	Late B.R. Patil high School & Jr. College, Chandanpuri, Taluka Malegaon
11.	Organic Reaction Mechanism	25/11/2017	G.D.B.A ASC College, Malegaon
12.	Drug Addiction and Human Life	09/12/2017	NSS Camp at Dhavaleshwar Village, Taluka Malegaon
13.	Importance of Chemistry in Competitive Exam	25/01/2018	Vigilant Career Academy Malegaon
14.	National Science Day	28/02/2018	ASC College Nimgaon, Taluka Malegaon
15.	Personality Development	06/09/2018	D.Ed. College , Malegaon, Nashik
16.	Physical Fitness	2 <sup>nd</sup> Sunday Of each Month	Shrimant Satyajit Raj Gaikwad educational & Social Institute Vadel, Tal. Malegaon
17.	Benzene & its reaction	10/10/2019	S.P.H.College of Pharmacy, Malegaon - Camp
18	Alkyl halide	20/02/2020	Swami vivekanand Sansthas 'Institute of Pharmacy Mungase'
19	General/Basic chemistry	22/12/2021	S.P.H.College of Pharmacy, Malegaon - Camp

E-content developed link-

1. <https://www.youtube.com/channel/UCMUoHNQg-WSkpE7lDjtHNIw>

