

Teacher Profile



A] Personal Details

Name: **Dr. Sawant Rajashri Bhimraj**

Date of Birth: **02/06/1973**

Educational Qualification: **M.Sc; B.Ed, M.Phil, Ph.D**

Residential Address: **Behind L I C office, Malegaon . Near Aarogya Sampada Hospital Malegaon,
Dist-Nashik (Maharashtra). Pin-423123**

Mobile Number: **7588709066**

E mail Id: **rajashriahire@gmail.com**

Designation: **Assistant Professor**

Department: **Chemistry**

Teaching Experience: UG: **13 years** PG: **01year**

B] Academic Details

1. Educational Qualification

Sr. No.	Degree	University	Year of passing	Class/Grade
1.	M.Phil.	Madurai Kamraj University, Madurai	2009	Higher Second
2.	Ph.D.	Pune University, Pune	2013	--
3.	Master's	Pune University, Pune	1998	Higher Second
4.	Graduation	Pune University, Pune	1993	Second Class
5.	B.Ed.	NM University, Jalgaon	2000	First Class

2. Approval/s:

Sr. No.	Ref. No. & Date	Type (A.Y./Permanent)	University
1.	CCO/491 07/07/2007	Consolidate	Pune University, Pune
2.	CCO/App/ 95 25/09/2008	Consolidate	Pune University, Pune
3.	CCO/ 6544 28/09/2011	Permanent	Pune University, Pune

3. Orientation/Refresher courses completed

Sr. No.	Course	Duration	University /Academic Staff College
1.	Orientation	11/11/2013 to 07/12/2013	ASC, Rajasthan University, Jaipur.
2.	Refresher	05/01/ 2015 to 24/01/2015	S.G. B. Amravati, Uni. Amaravati
3.	Refresher	11/10/2018 to 31/10/2018	L.V.H College, Panchavati (Nashik), Sponsored By S.P.Pune University, Pune

4. Curricular and Extra-curricular activities

Sr. No.	Committee	Chairman/Member	Duration
1	<ul style="list-style-type: none"> ▪ Excursion and Tour 	Member	2008-09
2	<ul style="list-style-type: none"> ▪ Students Grievances ▪ Excursion and Tour ▪ Debating and speech competition 	Member	2009-10
3	<ul style="list-style-type: none"> ▪ Science Association ▪ Excursion and Tour 	Member	2010-11
4	<ul style="list-style-type: none"> ▪ College Magazine ▪ Science Association ▪ Research Committee 	Member	2011-12
5	<ul style="list-style-type: none"> ▪ College Magazine ▪ Science Association ▪ Research Committee 	Member Member Member	2012-13
6	<ul style="list-style-type: none"> ▪ College Magazine ▪ Science Association ▪ Research Committee 	Member Member Member	2013-14
7	<ul style="list-style-type: none"> ▪ NSS Programme officer ▪ ARC ▪ Science Association ▪ Guest Lecturer ▪ Cultural Programme ▪ Avishkar 	Member Member Chairman Member Member Guide	2014-15
8	<ul style="list-style-type: none"> ▪ NSS ▪ ARC ▪ University Chemiad Exam. ▪ Avishkar 	Asst. Programme officer Member Organizer Guide	2015-16
9	<ul style="list-style-type: none"> ▪ NSS ▪ University Chemiad Exam. ▪ Avishkar 	Asst. Programme officer Organiser Guide	2016-17
10	<ul style="list-style-type: none"> ▪ NSS ▪ University Chemiad Exam. 	Asst. Programme officer Organizer	2017-18
11	<ul style="list-style-type: none"> ▪ NSS Programme officer ▪ University Chemiad Exam. ▪ Staff Academy ▪ Cultural 	Asst. Programme officer Organizer Chairman Member	2018-19

C] Research Details

a) Conferences/Seminars/Workshops Attended:

Conferences

Sr. No.	Name of Conference	Organized By	Sponsored By	Date
1	Chemical Pesticides and Impact on Environment and Human Health	Arts, Sci. & Comm. College, Manmad	BCUD	06-07- Jan.2020

2	Recent Applications of Mathematics and Statistics	S.P.H.Mahila Mahavidyalaya, Malegaon camp	BCUD	03 Feb. 2018
3	Innovations in Nano materials and their Applications	L.V.H College, Panchavati (Nashik)	BCUD	18-20 Jan. 2018
4	Emerging Trends and Innovative Practices in Teaching Chemistry	Arts, Sci., and Comm. College, Manmad	BCUD	10-11 Jan. 2018
5	Water Resources Management: Thrust and Challenges	Arts, Sci., and Comm. College, Surgana	BCUD	08 Feb. 2017
6	New Research Trends in Chemistry and Its Application in Environmental Science	Arts, Sci. & Com. College, Chandwad	UGC	26-27 Feb. 2016
7	Emerging Trends and Issue in Research & Development	M.S.G.College Malegaon-camp	BCUD	17-18 Feb. 2016
8	Human Values and Role of Higher Education	S.P.H.Mahila Mahavidyalaya, Malegaon camp	BCUD	12-13 Feb. 2016
9	International Conference On Pure and Applied Sciences 2016	M.S.G.College, Malegaon -Camp	BCUD	12-14 Dec. 2016
10	Eco-Restoration, Environmental Conservation and Management	M.S.G.College Malegaon -Camp	UGC	06-07 Feb.2015
11	“Women Empowerment”	S.P.H.Mahila Mahavidyalaya, Malegaon camp	BCUD	23-24 Oct. 2013
12	Advanced Analytical Techniques in Chemistry & Pharmacy	M.S.G.College, Malegaon-camp	BCUD	8-9 Oct. 2013
13	Recent Developments in Mathematics & Statistics	T. C.College, Baramati	UGC & BCUD Pune	14 -16 Feb. 2013

Seminars

Sr. No.	Name of the Seminar	Organized by	Sponsored by	Date
1	Role of Environmental Chemistry in Our Life	S.P.H.Mahila Mahavidyalaya, Malegaon camp	BCUD	03 Feb. 2017
2	Advances in Nano-structured Materials & their Applications	Arts, Comm. & Sci. College, Taloda.Nandurbar	UGC	22-23 Jan. 2013
3	Interdisciplinary aspects of Biodiversity and Conservation of Natural resources	S.P.H.Mahila Mahavidyalaya, Malegaon camp	BCUD	10-11 Feb. 2012
4	Interdisciplinary Applications of Nanotechnology	S.P.H. Mahila Mahavidyalaya Malegaon-Camp	BCUD	24-25 Feb. 2011
5	Biodiversity & Pollution Control	Arts, Sci. & Comm. College, Nampur	BCUD	3-4 Feb. 2011
6	Preparation of Nonmaterial's & Their Applications	Arts,Comm. & Sci. College, Nandgaon	BCUD	20-22 Feb. 2010
7	Environmental Crisis	S.P.H.Mahila, Mahavidyalaya, Malegaon-Camp	BCUD	30 Jan. 2009
9	Advanced Trends in Chemistry	M.S.G. College, Malegaon-Camp,	BCUD	22-23 Sept. 2008

Workshops

Sr. No.	Name of the Workshop	Organized by	Sponsored by	Duration
1	E-Content Development On Higher Education	M.S.G. College, Malegaon camp	BCUD	12-13 Dec. 2019
2	One Day Workshop in Chemistry for Post –Graduate Teachers	M.S.G. College, Malegaon-Camp	BCUD	19 Dec. 2006

b) Research Papers Presented/Published:

Papers presented

Sr. No.	Title of the Paper	Theme of conference/ Seminar/Workshop	Organizers	Duration
1	Waste water Treatment by Oxidation Technology at Ambient Conditions	Role of Environmental Chemistry in Our Life	S.P.H.Mahila Mahavidyalaya, Malegaon camp	03 Feb. 2017
2.	Study of IR , NMR with density, viscosity and speed of sound of tertiary-butyl acetate with benzenes	Innovations in Nano materials and their Applications	L.V.H College, Panchavati (Nashik)	18-20 Jan. 2018
3	Wiener Index in Isomers of Organic compounds	Recent Developments in Mathematics & Statistics	T. C. College, Baramati	14 -16 Feb. 2013
4	New Perspective of Nano Material in Surface Coating	Advances in Nano-structured Materials & their Applications	Arts, Comm. & Sci. College, Taloda.Nandurbar	22-23 Jan. 2013
5	Renewable Energy Sources, Solution to Energy Crises	Eco-Restoration, Environmental Conservation and Management	M.S.G.College, Malegaon -Camp	06-07 Feb.2015
6	Women's Participation In Indian Plotics	Women Empowerment"	S.P.H.Mahila Mahavidyalaya, Malegaon camp	23-24 Oct. 2013
7	Human Values: Higher Education	Human Values and Role of Higher Education	S.P.H.Mahila Mahavidyalaya, Malegaon camp	12-13 Feb. 2016
8	Molecular Interaction and IR, NMR Spectroscopic Studies of Binary Mixtures of tert-butyl acetate with Aromatic Hydrocarbons at T= 303.15 and 313.15 K	Emerging Trends and Issue in Research & Development	M.S.G.College Malegaon-camp	17-18 Feb. 2016
9	Molecular Interaction and Studies of Binary Mixtures of tert-butyl acetate with Isopropyl benzene, Isobutyl benzene, and Methoxy benzene at T= 303.15 and 313.15 K	International Conference On Pure and Applied Sciences 2016	M.S.G.College Malegaon-camp	12-14 Dec. 2016

Publications

Research Papers

Sr. No	Title of the paper	Name of the Author/s	Name of the Journal	Volume-Year	ISSN No.	Impact Factor
1	Densities, viscosities, speed of sound, and IR spectroscopic studies of binary	Mehdi Hasan, Sawant Arun B.,Sawant Rajashri B. Loke Pratibha G	J. Chem. Thermodynamics	43(1) , 2011	0021-9614	2.888
2	Wiener Index and Wiener Polynomials in Isomers of organic Compounds	Ahire Kailas S, Sawant Rajashri Bhimraj	Bull. Marathwada Maths. Soc.	14(2), 2013	0976-6049	
3	Human Values: Higher Education	Sawant Rajashri B	ScholarsWorld MAAZ Publication	X(Special issue) 2016	E-2320- 3145	3.552
4	Hyper-Wiener Index, Hyper-Hosoya Polynomial For Tree of Isomers of Pentane	Ahire Kailas S, Sawant Rajashri B	International Journal of Mathematics And Computer Research	4(1) 2016	2320-7167	6.538
5	Renewable Energy Sources	Sawant Rajashri B	Scholar's World	6 Special Issue VI, 2016	2319-5789	Universal I.F. = 1.2242, International I.F = 0.654 Scientific Journal I.F = 3.552 Global I.F.=0.311
6	Molecular Interaction and IR, NMR Spectroscopic Studies of Binary Mixtures of Tert-Butyl Acetate with aromatic Hydrocarbons at T=(303.15 and 313.15) K.	Sawant Rajashri B	Research Journey MAAZ Publication	Special issue-I, 2016	2348-7143	0.676
7	Molecular Interaction and NMR studies of Binary Mixtures of Tert-Butyl Acetate with Isopropylbenzene, isobutylbenzene and Methoxybenzene at T=(303.15 and 313.15)K	Sawant Rajashri B	Researchers World Educational Research Multimedia and Publications India	4(4), VII 2016	2231-4172	0.765
8	On The Minimum Atom bond Connectivity Index and Geometric Arithmetic Index and Laplacian matrix for Chemical Trees of Isomers	Ahire Kailas S, Sawant Rajashri B	Researchers World Educational Research Multimedia and Publications India	4(5), VII 2016	2231-4172	0.765
9	Volumetric, Viscometric,	Sawant Rajashri	Journal of	6(4), 2016	2161-0398	2.857

	Acoustic and IR Spectroscopic Studies of Binary Mixtures of Tert-butyl Acetate with Isopropylbenzene, Isobutylbenzene, and Methoxybenzene at T= 298.15 and 308.15 K	B	Physical Chemistry & Biophysics			
10	Waste Water Treatment by Oxidation Technology at Ambient Conditionst	Sawant Rajashri B	Research Journey Academic Book publication	12 Special Issue 12, 2017	2348-7143	3.42
11	Volumetric, Viscometric and Speed of Sound Studies of Binary Mixtures of Tert-butyl Acetate with Fluorobenzene, Chlorobenzene and Bromobenzene at (298.15 and 308.15) K and at Atmospheric Pressure 0.087 MPa	Sawant Rajashri Bhimraj	Journal of Solution Chemistry	47(4), 2018	0095-9782	1.260
12	Innovations in Teaching and Learning Methods of Chemistry	Rajashri B Sawant	Vidya Warta	Oct to Dec.2018	2319-9318	5.131
13	THE SCHULTZ Index, Modified Schultz Index And Geometric Arithmetic Index , Theoretical Bond Length And Bond Angle Of Chemical Trees Of Pentane Isomers	Ahire Kailas S, Sawant Rajashri B	International Journal of Engineering, Science and Mathematics	8(2), 2019	2320-0294	0.654

Minor/Major Research Projects:

Funding agency	Title of Project	Amount sanctioned	Duration	Completed/ on going
UGC Sanctioned on 08/01/2016	New Synthetic Methodology for Conversion of Nitro Group to Amines as well as Ring Opening of Isoxazolidine Ring by Using Molybdenum Metal	405000/-	2017-2019	On going

Recognition as Ph.D./M.Phil. guide: BOD/Sci & Tech/8/1341 dated 07/12/2018

Sr. No.	Total No. of Students	Ph. D./M. Phil.	Completed	On going
1	02	02	Nil	02

Books

Sr. No.	Title of the Book	Publisher	Year of publication	ISBN No.
1	--	--	--	--

Awards: Nil

Any other: