

Faculty Profile



General information

Name (in Block Letters)	:	DR. GAJANAN WASUDEORAO BELSARE
Qualification	:	M.Sc., , Ph.D.
Department	:	Chemistry (Science)
Current Designation	:	Associate Professor
Date of Joining	:	01/07/72
Name of Institution	:	Shri Shivaji College of Arts, Commerce and Science, Akola
Phone No.	:	9604674521
Email	:	gwbelsare@gmail.com

Academic Qualification

Sr.No.	Degree	Name of University/Board	Year	Division
1	Ph.D.	RTM Nagpur University Nagpur	2001	NA
2	M.Sc.	D. A. V. V. Indore	1994	I
3	B.Sc.	Amravati University Amravati	1992	I

Research degree (s) particulars

Degrees	Title	Date of award
Ph.D.	Microspectrophotometric determination of some rare earths with triphenylmethane dyes in presence of cationic surfactant	23/05/2001

Teaching and Research Experience

Teaching Experience	Experience in Years
Teaching Experience at Degree Level	20 yrs.
Teaching Experience at Post-Graduate Level	14 yrs.
Research Experience	18 yrs.

Membership of professional bodies

- 1 The Indian Science Congress Association, Kolkata
- 2 Member of Amravati University Chemistry Teachers Association, Amravati
- 3 Member of Nagpur University Teachers Association

Research papers published in journals

Sr. No.	Title with Page No.	Journal	DOI	ISSN / ISBN No.	Whether Peer Reviewed /Impact factor	No. of Co-authors	Whether you are the main author
1	Sensitization of erochrome azurol-B in presence of cetyltrimethyl ammonium bromide for the microdetermination of some lanthanides.	e-journal of chemistry Vol. 9 (4),p. n. 2394-2406, 2012			Peer Reviewed	03	Yes
2	Sensitive microdetermination of thorium and uranium with pyrogallol red in presence of cationic surfactant.	J. Indian Chemical society vol. 89, p.n. 1-12, 2012.			Peer Reviewed	03	Yes
3	Spectrophotometric study of ternary complex forming systems of some rare earths with bromopyrogallol red in presence of cetyltrimethyl ammonium bromide for microdetermination	Der Pharma Chemica Vol 4(3), p. n. 1226-1238, 2012			Peer Reviewed	03	Yes
4	Design, Synthesis And Anti-microbial Characterisation of 2-Oxo-3-Cyano-4-Substituted-10-Methoxy-14-oxo-14H-Pyrazolo (5,6-d) Pyrimido (6,7-c) Pyrimido [2,3-b] benzothiazole derivatives Page No. 25-28	International Journal of Organic and Bioorganic Chemistry 2015;5(2)		2249 – 0345	Peer Reviewed	01	YES
5	Study on physico-	International		2231-	Peer reviewer	01	YES

	chemical characterization of edible oils from agencies of Buldhana district Page No 525-529	journal of research in pharmacy and chemistry		2781	Impact factor 0.510		
6	A study of newly synthesized via Green Chemistry approach towards 4-Methyl sulfanyl -2-Oxo-6-(2-Oxo-2-H Chromene-3-yl) - 2H Pyran-3-Carbonitrile and Their Derivatives. Page No.123-127	The Pharma Innovation Journal		E-ISSN No. 2277-7695 P-ISSN No 2349-8242	01	01	YES
7	Sensitized colour reactions of pyrogallol red in presence of cetyldimethylethyl ammonium bromide for the spectrophotometric determination of yttrium (iii), europium (iii), and terbium (iii). Page No.	The Pharma Innovation Journal		E-ISSN No. 2277-7695 P-ISSN No2349-8242	Peer Reviewed	01	YES
8	Sensitization of Methyl Thymol Blue By Cetyl Di Methyl Ethyl Ammonium Bromide For The Spectrophotometric Determination of Lead	International Journal of Universal Science & Technology		ISSN 2454-7263	Peer Reviewed	01	YES
9	Predicted Biological Activities of compounds planned to be synthesized by the	Research Journey International E-Research Journal		2348-7143 special Issue 110(B) February	Peer Reviewed	01	YES

	application of PASS and their Toxicity Risk Assessment by the use of osiris property Explorer Pg. No. 314-320			-2019			
10.	Sensitization of Chrome azuol-S by Cetyldimethylethylammonium bromide for the spectrophotometric determination of Lead Pg.No.116	Research Journey International E-Research Journal		2348-7143 special Issue 110(B) February -2019	Peer Reviewed	01	YES
11	Sensitized color Reactions of pyrocatechol Violet (PCV) by cetylpyridinium bromide for the spectrophotometric Determination of Lead Pg. No.111-117	An International Multidisciplinary Quarterly Research Journal AJANTA		2277-5730 Vol.VIII Issue I Part V March 2019	Peer Reviewed	01	YES
12	Sensitive spectrophotometric method for the microdetermination of Eu (III) and Tb(III) with methyl thymol blue in presence of cetyldimethylethylammonium bromide	Vidyabharati International Interdisciplinary Research Journal (Special Issue- May 2020)		ISSN 2319-4979	Peer Reviewed	01	YES
13	Design, synthesis and antimicrobial activity of 5-cyano-6-imino-4-methylsulfanyl-1,	Vidyabharati International Interdisciplinary Research Journal		ISSN 2319-4979	Peer Reviewed	01	YES

	6-dihydro-pyrimidin-2-yl-cyanamide derivatives.	(Special Issue-May 2020)					
14	Sensitive Microdetermination Of Nd(III) And Eu(III) With Pyrogallol Red In Presence Of Cetyltrimethylammonium Bromide	Aayushi International Interdisciplinary Research Journal I		ISSN 2349-638x	Peer Reviewed	01	YES
15	MICRODETERMINATION OF Ce(IV) AND Y(III) WITH CHROME AZUROL-S IN PRESENCE OF CETYLDIMETHYLTHYLAMMONIUM BROMIDE	JETIR		(ISSN-2349-5162)	Peer Reviewed	01	YES

Full papers in conference proceedings

Sr. No.	Title with Page No.	Details of Conference Publications	ISSN / ISBN No.	No. of Co-authors	Whether you are the main author
1					
2					
3					
4					

Research papers presented in conferences / seminars / workshops /conventions

Sr. No.	Title of the Paper Presented	Title of Conference/ Seminar	Organized by	Whether international / national / state / regional / college / or university
1	'Sensitization of Eriochrome azurol B in presence of cetyltrimethylammonium bromide for the microdetermination of rare earths.'	International conference on Drug discovery and nanotechnology	Department Of chemistry Yashwant Mahavidyalaya Nanded. 27-29 Jan 2008	International

2	Microspectrophotometric determination of some rare earths with Methyl thymol blue in presence of cetyltrimethylammonium bromide.'	National conference on Green Chemistry and its perspective	Department Of chemistry Sant Gadge Baba Amravati University Amravati 11-12 Feb 2008	National
3	Effect of pH in the determination of zirconium complex spectrophotometrically	National conference on material: atom to molecule	Shri Shivaji science college Nagpur 16Dec 2011	National
4	Spectrophotometric determination of Uranium with methyl thymol blue	National conference 'Recent advances in synthetic chemistry and nanomaterials'	Department of Chemistry, Shivaji University Klopapur 21,22/1/2012	National
5	Effect of cetyltrimethylammonium bromide on the absorption spectra of Methyl thymol blue.	National Conference on Innovative Research Trends in Biological Sciences	Deptt. of Life Sciences., Shri Shivaji College, Akola	National
6	Cotton dying with natural dye extracted from 7flower of palash(Butea monosperma)	UGC sponsored National Workshop on Enriching Textiles with Block Printing	Department of Home Science, Shri Shivaji college , Akola	National
8	Removal of Hg(II) from wastewater using synthetically	XXXII Annual Conference of Indian Council of Chemists	Dept. of Studies in Chemistry, Karnataka University,	National

	prepared Terminalia Catappa bark		Dharwad	
9	Sensitization of Pyrocatechol Violet by Cetyl dimethyl ammonium bromide for the spectrophotometric determination of Lead	National Conference on Sustainable Chemistry: Frontiers and Challenges [NCSC-2015]	Dept. of Chemistry, Brijlal Biyani Science College, Amravati	National
10	Sensitization of Crome azurol S by cetyl dimethyl ethyl ammonium bromide for the spectrophotometric determination of Uranium	National Conference on Recent advances in Chemical Sciences, Technology & Environment (RACSTE-2015)	University Institute of Chemical Technology North Maharashtra, University, Jalgaon.	National
11	Sensitization of Crome azurol S by cetyl dimethyl ethyl ammonium bromide for the spectrophotometric determination of Th (IV)	National Conference on Recent Trends in Chemical Science RTCS-2015	Late. Pundlikrao Gawli Arts, Science College Shirpur (Jain)	National
12	Sensitized color Reactions of pyrocatechol Violet (PCV) by Cetyl dimethyl ethyl ammonium bromide for the spectrophotometric	Sustainable Chemistry : Frontiers and Challenges Jan 30-31, 2015	Brijlal Biyani College, Amravati Jan 30-31, 2015	National

	ric Determination of Lead			
13	Sensitization of Chrome azurol-s by Cetyl dimethyl ethyl ammonium bromide for the spectrophotomet ric determinaton of Uranium	Recent Advances in Chemical Sciences, Technology and Environment	UICT-North Maharashtra University , Jalgaon 9 th Mar 2015	National
14	Sensitization of Chrome azurol-s by Cetyl dimethyl ethyl ammonium bromide for the spectrophotomet ric determinaton of Th(IV)	Recent Trends in Chemical Science	Late PundlikraoGawali Arts and ScienceMahvidyala ya, Shirpur (Jain) 26 th Apr. 2015	National
15	Sensitization of Methyl Thymol Blue by Cetyl dimethylet hyl ammonium Bromide for the Spectrophotomet ric Determination of Lead	103 rd Indian Science Congress	University of Mysore, Mysuru 3-7Jan. 2016	International
16	Study on physico- chemical charecterization of edible oils from agencies of Buldhana district	National Conference on chemical sciences:Emerging Scenario and challanges (NCCS- 2016)	Department of Chemistry SGB Amravati University Jan. 29- 30,2016	National
17	Novel Synthesis of Pyrimidin-2- yl-cyanamide and Their Derivatives by Nucleophilic Substitution	35 th annual conference Indian Council of Chemist	Haribhai V. Desai College, Pune 22 to 24 Dec. 2016	National

18	Microspectrophotometric determination of Uranium and Thorrium with Chrome azurol-S in presence of Cationics	Newest Development in chemical sciences for civilized society	Department of Chemistry, DnyanopasakShiks hanmandals, College of Arts, Commerce and Science, Parbhani.9 , 10 Dec 2016	National
19	Sensitization of Xylenol Orange by Cetyldimethylethylammonium Bromide for the Spectrophotometric Determination of Some Rare Earths	Interface of Physical, Chemical and Biological Science	Harisingh Gour University, Sagar, M.P 11 to 13 Jan. 2017	International
20	Sensitized colour reactions of pyrogallol red in presence of cetyldimethylethyl ammonium bromide for the spectrophotometric determination of yttrium (iii), europium (iii), and terbium (iii). Page No.	National Conference on Chemical Sciences: An Interdisciplinary Approach	Department of Chemistry, Modern College of Arts, Commerce and Science, Pune.18-20 Jan.2018 Sponsored by Dept. of Sci. & Tech. Govt. of INDIA	National
21	Spectrophotometric determination of Mercury with Iodine and Rhodamine G.	National Conference on Recent advances in Chemical Sciences.	Department of Chemistry, ShriShivaji College of Arts, Commerce and Science, Akola. 26 th & 27 th Feb.	National

			2018	
22	Synthesis and Biological Evaluation of 4-methyl sulfanyl-6-oxo-1,2,5,6-tetrahydro pyrimidine-2-yl-cyanamide and their derivatives	Energy and Environmental Challenges	Department of Chemistry Visvesvaraya Institute of Technology Nagpur 18-19 Jan.2019	International
23	Sensitization of Chrome azuol-S by Cetyltrimethyl ammonium bromide for the spectrophotometric determination of Lead	Emerging trends in Science	Department of Chemistry, Vidyabharti Mahavidyalaya, Amravati 01 st & 02 nd February 2019	National

Research papers presented in international conferences abroad

Sr. No.	Title of the Paper Presented	Title of International Conference abroad	Organized by
1			
2			
3			

Conferences / seminars /workshops /conventions /webinars attended

Sr. No.	Title of Conference/ Seminar	Organized by	Whether international / national / state / regional / college / or university
1	State level workshop on Microscale Techniques in Chemistry	Vidyabharati Mahavidyalaya, Amravati.	state
2	2 nd Global Congress on Cosmetic Technologists 'Emerging trends in Technologies and Standard in cosmetics.	K.L.E.S's college of Pharmacy, Belgaum	International
3	University level Post Accreditation Policy Planning.	Vidyabharati Mahavidyalaya, Amravati	regional
4	International conference on Drug discovery and nanotechnology Deptt. Of chemistry Yashwant Mahavidyalaya, Nanded.	Department Of chemistry Yashwant Mahavidyalaya, Nanded.	International

5	National conference on Green Chemistry and its perspective	Department Of chemistry Sant Gadge Baba Amravati University Amravati	International
6	Regional seminar on Recent Trends in Heterocyclic compounds in chemical, medicinal and Pharmaceutical compounds	Department Of chemistry , Mahatma Fule Arts,commerce and Sitaramji Choudhari Science Mahavidyalaya Warud Dist. Amravati	Regional
7	National seminar on Current Trends In Chemical Science Research.	Department Of chemistry , Shri shivaji Arts,Commerce and Science College Akola	National
8	State level Seminar on “ Metal Pollution ”	Department of Chemistry, Shri Shrivaji college of science Pauni Dist. Bhandara.	State
9	National Conference on Recent Advances in Chemical Research	Osmania University, Hyderabad.	National
10	National workshop on Green Chemistry	P.G. Deptt. Of Chemistry, S.G.B. Amravati Uni., Amravati. UGC-DST	National
11	13 th Annual convention and one day seminar on chemistry in our lives	Department of chemistry, SGB Amravati University Amravati	National
12	National conference on material: atom to molecule	Shri Shivaji science college Nagpur	National
13	National conference ‘Recent advances in synthetic chemistry and nanomaterials’	Department of Chemistry, Shivaji University Klopapur	National
14	National conference on Recent Researches in Chemistry: A journey towards social upliftment	Lokmanya Tilak Mahavidyalaya, Wani	National
15	National Conference on Innovative Research Trends in Biological	Deptt. of Life Sciences., Shri Shivaji College, Akola	National

	Sciences		
16	UGC sponsored National Workshop on Enriching Textiles with Block Printing	Department of Home Science, Shri Shivaji college , Akola	National
17	XXXII Annual Conference of Indian Council of Chemists	Dept. of Studies in Chemistry, Karnataka University, Dharwad	National
18	National Conference on Sustainable Chemistry: Frontiers and Challenges [NCSC-2015]	Dept. of Chemistry, Brijlal Biyani Science College, Amravati	National
19	National Conference on Recent advances in Chemical Sciences, Technology & Environment (RACSTE-2015)	University Institute of Chemical Technology North Maharashtra, University, Jalgaon.	National
20	National Conference on Recent Trends in Chemical Science RTCS-2015	Late. Pundlikrao Gawli Arts, Science College Shirpur (Jain)	National
21	103 rd Indian Science Congress	University of Mysore, Mysuru 3-7Jan. 2016	International
22	National Conference on chemical sciences:Emerging Scenario and challenges (NCCS-2016)	Department of Chemistry SGB Amravati University Jan. 29-30,2016	National
23	35 th annual conference Indian Council of Chemist	Haribhai V. Desai College, Pune 22 to 24 Dec. 2016	National
24	Newest Development in chemical sciences for civilized society	Department of Chemistry, DnyanopasakShikshanmandals, College of Arts, Commerce and Science, Parbhani.9 , 10 Dec 2016	National
25	Interface of Physical, Chemical and Biological Science	Harisingh Gour University, Sagar, M.P 11 to 13 Jan. 2017	National
26	National Conference on Chemical Sciences: An Interdisciplinary Approach	Department of Chemistry, Modern College of Arts, Commerce and Science, Pune.18-20 Jan.2018	National

		Sponsored by Dept. of Sci. & Tech. Govt. of INDIA	
27	National Conference on Recent advances in Chemical Sciences.	Department of Chemistry, ShriShivaji College of Arts, Commerce and Science, Akola. 26 th & 27 th Feb. 2018	National
28	Energy and Environmental Challenges	Department of Chemistry Visvesvaraya Institute of Technology Nagpur 18-19 Jan.2019	National
29	Emerging trends in Science	Department of Chemistry, Vidyabharti Mahavidyalaya, Amravati 01 st & 02 nd February 2019	National
30	National Conference on Multidisciplinary research in Science and Technology for Healthy Lifestyle management	RLT Science College, Akola on 24 th Jan. 2020.	National
31	National Conference on Recent Advances in Chemical Sciences	Shankarlal Khandelwal Arts, Science and Commerce College, Akola on 1-2 May 2020.	National
32	International Webinar on- PANDEMIC COVID-19: CHANGES AND CHALLENGES IN SOCIETY WITH SPECIAL REFERENCE TO HIGHER EDUCATION	B.B. ARTS, N.B. COMMERCE AND B.P. SCIENCE COLLEGE DIGRAS, DIST. YAVATMAL on 5 th June.	International
33	National Level Webinar on ICT effective Teaching and Learning	Shri R. R. Lahoti College, Morshi, Dist: Amravati on 2 nd June 2020.	National
34	One day Faculty Development Programme on “Intellectual Property Right: Procedures and Policies”	NES’s Science College, Nanded, Maharashtra on 1st June 2020.	National
35	WEBINAR ENTITLED ENERGY AND ENVIRONMENT:	Maharashtra Institute of Technology, Aurangabad	National

	CHALLENGES & OPPORTUNITIES”	Department of Basic Sciences & Humanities.	
36	International Webinar on Material Science organized by Association of Chemistry and Department of Chemistry,	Kamla Neheru Mahavidyalaya, Nagpur on 9 th June 2020.	National

Invited lectures and chairmanships at national or international conference / seminar

Sr. No.	Title of lecture	Title of Conference / Seminar	Organized by	Whether International / National
1				
2				
3				

Publications other than journal articles (Articles / Chapters published in books)

Book Title	Publisher	ISSN/ISBN No.
Text Book of B. Sc. I sem I	Gayapath Publisher	13-978-81-926163-2-2

Research projects (Ongoing and Completed Research Projects)

Title	Funding Agency	Period	Grant (Rs lakh)
SENSITIVE MICRODETERMINATION OF TOXIC METAL IONS SUCH AS LEAD AND MERCURY WITH TRIPHENYLMETHANE DYES IN PRESENCE OF CETYLDIMETHYL ETHYL AMMONIUM BROMIDE	UGC	2 Years	Completed (1.8 lakh)

Research guidance

Sr. No.	Number Enrolled	Degree awarded
M. Phil.		
Ph. D.		

Patent particulars

Sr. No.	Patent Title	Date of publications	No. of Co-authors	Whether you are the main author
1				

Fellowships and Awards

Fellowship/ Award	Award conferring Organization	Event Organized by

Any other information

Sr. No.	
---------	--

--	--

(Name of the Faculty)
(Designation)