

Dr. Bajirao Ahire**Full name:** Bajirao Bhila Ahire**Date of Birth:** 02/06/1970**Resi. Address:** Umeshnagar, (Radhanagar) Plot No.7 opp.SBI, Station road Lasalgaon. Tal. Niphad. Dist. Nashik. 422306. (Maharashtra) INDIAEmail- ahirebb07@rediffmail.com ; abbchem7@gmail.com**Date of appointment in the College:** 11 January 1994**Joining Date:** 11/01/1994**Department:** Chemistry**Subject:** Inorganic Chemistry**Designation:** Associate Professor

- **Educational Qualification**

Sr.No	Name of Examination	Name of University	Month & Year of passing	Percentage of marks
1	B.Sc.	University of Pune	June 1990	First Class with Distinction
2.	M.Sc.	University of Pune	June 1992	First Class
3	Ph.D.	YCMOU Nashik	29 Jan. 2008	Awarded

- **Other Qualification:** MH-CIT September 2003

- **Refresher and Orientation Course:**

Name of Course	Subject of Course	Duration of Course	Name of organizing Institute
Orientation	Chemistry	May 05, 1999 to June 01, 1999	University of Pune
Refresher Course	Inorganic Chemistry	Nov. 01, 2000 to Nov. 28, 2000	Department of Chemistry, University of Pune.
Refresher Course	Chemistry	March, 26, 2007 to April 15, 2007	UGC -ASC Dept. of Chemistry, K.T.H.M. College, Nashik.
Refresher Course	Environmental Science	April 2, 2012 to April 27, 2012	UGC-ASC Jawaharlal Nehru University, New Delhi
MOOC's Course	E-Content Development	28 Oct 2018 to 24 Dec. 2018	MHRD Gov. of India NRC Chennai
ARPIT-Refresher Course	Online Refresher Course in Chemistry for Higher Education Faculty	1 Nov. 2018 to 28 Feb. 2019	Delhi University

- **Short Term Courses:**

Course	Subject of Course	Duration of Course	Name of Institute
Short Term Course	Research Methodology Science	Nov. 2, 2015 to Nov. 7, 2015	UGC-HRDC Dr. Babasaheb Ambedkar Marathwada University Aurangabad
MOOC's Course	E-Content Development	28 Oct 2018 to 24 Dec. 2018	MHRD Gov. of India NRC Chennai
Short Term Course	E-Content Development, MOOCs (Chemistry)	March 25, 2019 to March 31, 2019	UGC-HRDC -SPPU V.N.Naik College, Nashik
FDP-Short Term Course	Research Methodology for Basic Sciences	May 27, 2019 to June 1, 2019	UGC-HRDC North Eastern Hill University Shillong, Meghalaya

FDP-Short Term Course	Cyber Security and Data Sciences	26 October to 1 st November 2019	Shivaji University Kolhapur (PMMMNMTT) ACS College, Lasalgaon
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Membership in Professional Association

Sr. No.	Name of organization	Life Member/ Annual Member	Membership No.
1	Indian Science Congress Association, Kolkata	Life Member	L16840
2	International Research Journal of Chemistry and Environment, Indore.	Life Member	--
3.	Indian Journal of Environment and Ecoplanning, Dumka, Bihar	Annual Member	--
4.	Institute of Scholars Bangaluru	Life Member	InSc 20203177

Awards and Recognitions:

Sr.No.	Awards and Recognitions	Institutes
1.	P.G. teacher & Research Guide for M.Phil and Ph.D.	S.P.P. University. Pune
2.	InSc Best Teacher Award (Higher Education)	Institute of Scholars, Karnataka.INDIA (2020)
3.	Academic Research coordinator (ARC)	ACS College Lasalgaon(2000-2023)

Academic Profile

1. Coordination chemistry
2. Organometallic chemistry
3. Nanosynthesis
4. Environmental Science

- **Research project carried out:**

Sr.No	Title of the Research Project	Name of Funding Agency	Duration	Budget Sanctioned	Remarks
1	Studies on Chemical Characterization of Soil and Water Parameters from Niphad-A case Study	UGC, WRO, Pune	2006-2008	Rs.55000/-	Completed
2	Synthesis, Characterization and Antimicrobial Activities of Selective metal complexes.	UGC, WRO, Pune	2009-2011	Rs. 95,000/-	Completed

- **Research Supervision:**

Recognition Type	By	Faculty	Board of Studies	Subject	From	To	No. of Students Registered	No. of Students Awarded
Ph. D.	Research	Science and Technology	Chemistry	Chemistry	05/01/2022	01/06/2030	01	0

Patent Publication

Sr. No.	Authors	Title	Year	Country	Assignee	Patent No.	No. of pages	Web Address
1	Dr. Bajirao B. Ahire 2. Dr. V.T. Geetha 3. Dr. Sujata Milind Kasabe 4. Mr. Ajinkya Shamrao Thorat 5. Dr. Ravi Kota	GREEN CHEMISTRY APPROACH TO NOBLE METAL NANOPARTICLE FORMATION WITH WASTE BIOMASS	24/11/2023	INDIA	Patent office of India	202341069380 A	24	https://search.ipindia.gov.in/DynamicUtility/Journal/Patent
2	1. Dr. Bajirao B. Ahire 2. Miss. Mali A.B. 3. Dr. P. Naveen Kumar etc	SELF ASSEMBLED NANOMATERIAL STRUCTURES FOR BROAD-SPECTRUM GAS SENSING	15/12/2023	INDIA	Patent office of India	202321077157 A	22	https://search.ipindia.gov.in/DynamicUtility/Journal/Patent

Books publications- Chapters, Edited work, Articles, Reference Books

Sr.No.	Title of the book	Publisher	ISSN/ISBN	Sole/Co-Author	Year of Publication	Level at which recommended
1	Organic and Inorganic Chemistry	Vision Publication, Pune, INDIA	978-93-5016-048-0	Co-Author	2010	U.G
2.	Environmental awareness	Rutu Publication, Lasalgaon	--	Co-Author	2004	U.G
3.	Physical and Inorganic Chemistry	Vision Publication, Pune	978-81-89993-88-7	Co-Author	June 2008	U.G
4.	Physical and Inorganic Chemistry Part-II	Vision publication, Pune	978-81-89993-25-2	Co-Author	June 2008	U.G
5.	Organic and Inorganic Chemistry Part-II	Vision publication, Pune	978-81-89993-26-9	Co-Author	Jun 2008	U.G
6.	Concise Chemistry of	Vision publication, Pune	978-93-5016-483-9	Sole	July 2019	P.G

	Main Group Elements.					
7	Inorganic Chemistry	Success Publication Pune	978-93-89739-22-0	Co-Author	Dec.2019	U.G
8	Analytical Chemistry	Success Publication Pune	978-93-89739-39-8	Co-Author	Dec.2019	U.G
9	Physical and Analytical Chemistry-I	Success Publication Pune	978-81-946728-4-5	Co-Author	July.2020	U.G
10.	Physical and Analytical Chemistry-II	Success Publication Pune	978-93-86951-55-7	Co-Author	JAN.2021	U.G
11	Inorganic and Organic Chemistry-I	Success Publication Pune	978-81-946728-3-8	Co-Author	July.2020	U.G
12	Inorganic and Organic Chemistry-II	Success Publication Pune	978-93-86951-54-0	Co-Author	JAN.2021	U.G
13	Practical Handbook of Chemistry-I	Success Publication Pune	978-93-87020-95-5	Co-Author	2020	U.G
14	Practical Handbook of Chemistry-II	Success Publication Pune	978-93-86951-53-3	Co-Author	2020	U.G
15	Physical Chemistry-I	Success Publication Pune	978-93-24457-48-2	Co-Author	2021	U.G
16	Inorganic Chemistry-I	Success Publication Pune	978-93-24457-48-1	Co-Author	2021	U.G
17.	Analytical Chemistry-I	Success Publication Pune	978-93-24457-49-4	Co-Author	2021	U.G
18.	Industrial Chemistry	Success Publication Pune	978-93-24457-48-7	Co-Author	2021	U.G
19.	Organic Chemistry-I	Success Publication Pune	978-93-24457-49-6	Co-Author	2021	U.G
20.	Chemistry of Biomolecules	Success Publication Pune	978-93-24457-49-5	Co-Author	2021	U.G
21	Environmental Chemistry	Success Publication Pune	978-93-24457-51-9	Co-Author	2021	U.G
22	Physical	Success	978-93-	Co-Author	2022	U.G

	Chemistry-II	Publication Pune	24457-55-0			
23	Physical Chemistry-III	Success Publication Pune	978-93-24457-55-1	Co-Author	2022	U.G
24	Inorganic Chemistry-II	Success Publication Pune	978-93-24457-55-2	Co-Author	2022	U.G
25	Inorganic Chemistry-III	Success Publication Pune	978-93-24457-55-3	Co-Author	2022	U.G
26	Organic Chemistry-II	Success Publication Pune	978-93-24457-55-4	Co-Author	2022	U.G
27	Organic Chemistry-III	Success Publication Pune	978-93-24457-55-5	Co-Author	2022	U.G

Published chapter in reference book

Sr.No.	Title of Book	Title of Research paper/Chapter	ISBN	Name of Publisher
1	Emerging Trends in Science and Technology	Inorganic solid state reaction techniques for the synthesis of nonmaterial	978-81 -951982-2-1	Bhumi publication, India 2021
2	Environment in 21 st century(Listed in Worldcat)	Human population and environment: Reference to different global aspects	978-93-90847-57-0	Kripa Drishti Publications, Pune, India2021
3	Sahitya Ani Prasarmadhyame	E-Learning Shikshan Padhatit Prasara Madhyamanchi Bhumika Ani Rojagarachya Sandhi	978-93-95494-27-4	Aadhar Publications Amravati India 2023
4	Janava Vishwas	Vratastha Vektimatva	978-81-931022-6-8	Saravash Publication, Nashik 2023

• **Paper published in Journal:**

Sr. No.	Title with page no.	Journal Details ISSN/ISBN	Published Year	Refereed or not Peer reviewed/ Impact Factor, if any	Sole/Co Author
1	Assessment of water quality of rural region of Niphad Tehsil, Dist.Nashik' pp 77-80	<i>Indian Journal of Environment and Ecoplaning</i> Vol.18 Issue No.1,ISSN 0972-1215	April 2011	Refereed (University Care listed)	Sole

2	Studies on the soil quality parameters and awareness among the farmers in selected region in Nashik, Maharashtra' pp-53-56	<i>Indian Streams Research Journal</i> Vol.2, Issue -6, ISSN-2230-7850.	July 2012	Refereed	Co-Author
3	Chemistry Museum: An Inevitable Phenomenon in Education. Pp 4-6	<i>Indian Streams Research Journal</i> Vol III, Issue-VI, ISSN-2230-7850.	July 2013	Refereed	Sole
4	Hurdles in Synthesis of Alkyl Substituted Amines using Alkyl halides' pp 43-49	<i>Information and Research Trends</i> , Vol.II, Issue-I ISSN 2320-2327	February 2014	Refereed	Co-Author
5	'Synthesis of Inorganic Nanoparticles and Their Antimicrobial Activities: A Critical Review' pp 1-4	International Journal of Pharmaceutical Research and Development Vol.6 Issue- 12,ISSN 0974 -9446	January 2015	Refereed (UGC listed)	Sole
6.	Studies on Synthesis and Effectiveness of Eco-friendly Mosquito Repellent DOI-10.5958/2249-7137.2016.00064.1	Academia: South Asian Academic Research Journals Vol.6 Issue 9 ISSN:2249-7137 (Online):2240 -7137	September 2016	Refereed	Sole
7.	Development of Interdisciplinary Approach in Chemical Education at Different Levels,pp 98-102	Researchers World-Journal of Arts, Science, Commerce, Vol. VIII, Issue-4(4) ISSN 2231-4172, Impact factor (IBI) 3.19	October 2017	Refereed (UGC listed)	Sole
8.	Natural Dye Extractions from Selected Plants, Extraction and Mordant Application to Dyeing Cotton Fabric	International Journal of Research, Vol.7, issue10 ISSN:2231-4172	Oct.2018	Refereed (UGC listed)	Sole
9	A literature review on – synthesis approaches of metal doped titanium dioxide	Journal of Emerging Technologies and Innovative Reseach (JETIR) Vol 6 issue 2 ISSN 2349-5162	February 2019	UGC-63975	Co-Author
10	Studies on Hazardous Chemicals and Chemical Safety in Laboratories.	Ajanta ISSN 2277-5730, Vol-VIII, Issue-1 Impact factor 5.5	March 2019	Refereed (UGC listed)	Sole
11	Greener Way to Perform Inorganic Qualitative Analysis for Minimization of Pollution	Our Heritage ISSN-0474-9030 Vol.68, Issue 38	January 2020	UGC Care listed.	Sole

	Hazards.				
12.	Water Quality Status of Girna Dam Project, Panzangaon	Indian Journal of Environmental Protection ISSN:0253-7141 Vol.40(7):781-784 (2020)	July 2020	Care-Listed	Sole Author
13	Environmental Pollution Hazards, Approach towards Generation and Minimization of Wastes	Aayushi International Interdisciplinary Research Journal ISSN 2349-638x Issue-80	Nov.2020	UGC listed and Indexed	Co-Author
14	Role of Calcium in Blood Coagulation	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Volume 2, Issue 2, ISSN 2581-9429	February 2021	Refereed	Co-Author
15.	Synthesis, Characterization and Antimicrobial Activities of bio functionalized Ag and Au Metal Nanoparticles: A Review	Oriental Journal of Chemistry Vol.37,Issue-2 0970-020 X	March 2021	UGC Care Listed	Co-Author
16.	Sanshodhanat Sandharbha Sahitya Va Sadhanancha Prabhavi Vapar	Kanpur Philosophers ISSN 2348-8301 International Journal of humanities, Law and Social Sciences	2021	UGC Care Listed	Co-Author
17.	Pandemic COVID-19 Causes and Preventive Measures	Kanpur Philosophers ISSN 2348 8301 International Journal of humanities, Law and Social Sciences	2021	UGC Care Listed	Co-Author
18.	Bio-mediated Synthesis of Silver Nanoparticles Using Fruit Extract of <i>Ananas Comosus</i> L. Merrill (Pineapple)	Oriental Journal of Chemistry Vol.37,Issue-6 0970-020 X	January 2022	UGC Care Listed	Co-Author
19.	Synthesis, Structural, Spectroscopic, Fluorescence, and Dielectric Studies Of Bis-(4-Aminopyridine)-Zinc(II) Acetate: A Metal–Organic Crystal	Journal of Fluorescence 1573-4994,1053-0509	September 2023	Scopus (Springer) and UGC Care Listed	Co-Author

Paper presented in conferences/workshop/symposium

Sr.No.	Title of Paper	Details	Organizer Details	Proceedings Published	Sole/Co-author
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1.	Development of Interdisciplinary Approach in Chemical Education at Various Levels, PP 57-58	Innovative Interdisciplinary Ideas in Chemical Sciences Feb.2013	ASC College, Chopda INDIA	Conference Proceeding NCIICS-2013 ISBN-978-93-82414 46-9	Sole
2	Coordination Compounds as Antimicrobial agents	Innovations in Chemistry- Laboratory to Society. March 2013	North Maharashtra University Jalgaon INDIA	CD	Co-author
3.	An Overview and Comparison of Ultrasonication assisted and Microwave assisted Plant Extractions.	Advanced Analytical Techniques in Chemistry and Pharmacy Oct.2013	M.S.G.College, Ma legaoon INDIA	CD	Sole
4.	Synthesis, Characterization and Antimicrobial activity of Metal complexes Derived from Schiff base	International conference on Chemical, Biological and Environmental Sciences on 10-12 May 2016	Higher Education Forum at Osaka, JAPAN	Conference proceedings	Co-author

Seminars, Conferences, Symposia, Workshops etc. attended:

Seminars

1. The implementation of new pattern in chemistry at F.Y, S.Y.B.Sc.at Sonai Dist. Ahmednagar on Feb.17, 2004.
2. Scope and importance of Agricultural and Dairy chemistry at Satana College on Feb.28, 2005.
3. Role of teachers in value education at University of Pune on Sept.30, 2005.
4. Organic spectroscopy at ACS College Lasalgaon on Jan.28, 2006.
5. Innovations in teaching chemistry at ACS College Lasalgaon on Sept 26, 2008.
6. Integrated pest management at ACS College Lasalgaon on 29, 30 Jan 2010.
7. One day webinar on Challenges for India Economy, IQAC, Lasalgaon on 23 April 2021.

Workshops

1. Educational television, EMRC Pune University on sept.23, 24, 1994.
2. 'Micro techniques in organic chemistry' at RYK Science College, Nashik on 30,31 August 2000.
3. Universal value education at Bahai Academy Panchgani on 11to14 April 2006 for science teachers.
4. 'State level workshop on analytical instrument techniques' at K.T.H.M. College, Nasik on December 11&12, 2006.
5. 'Soil and water testing' organized under Samarth Bharat Abhiyan, University of Pune at Sangamner College on July19, 2007.
6. 'Teaching Skills for college teachers at Lasalgaon college' on April 15,16,2007.

7. 'Marathi writing' at Lasalgaon College on April 12, 2008.
8. 'Scope and applications of chemistry in crime detection held on Jan.30, 31, 2009 at ACS College Ozar (Mig).
9. One day workshop on Recent Trends in Thermodynamics at L.V.H.College Panchavati Nashik held on feb.3, 2010.
10. Two day state level seminar on 'Critical Concepts in Electrochemistry' on 21,22 January 2012 at M.G.V's Arts, Science & Commerce College, Manmad (Nashik)
11. State level workshop on Choice Based Credit System on Jan.16, 2013.
12. One day workshop on Credit System under Cluster Programme at K.T.H.M. College, Nashik on 6 July 2013.
13. Workshop on Framing of T.Y.B.Sc. Chemistry Syllabi' at H.P.T. and R.Y.K. Science College, Nashik on 22 January 2015.
14. Workshop on Implementation of CBCS For F.Y.B. Sc. at C.T.Bora College, Shirur on 25 July 2019.
15. One week online workshop on NAAC Accreditation process (UGC, New Delhi), RUSA, Organized by Modern College of Arts, Science and Commerce Pune from 15 to 22 April 2021.
16. Intellectual Property Rights (IPR) and ISBN Registration at Arts, Commerce and Science College, Lasalgaon Tal-Niphad, Dist Nashik (MS) on 24/04/2023
17. Syllabus Restructuring workshop (NEP 2020) M.Sc. Chemistry' on 10 July 2023 at L.V.H. College, Panchavati (Nashik)

Conferences participation

1. National conference on 'India 2020: Mental Health and Well being' on Feb 13,14,2009 at Lasalgaon.
2. National conference on Innovative Interdisciplinary Ideas in Chemical Sciences (NCIICS-2013) on 8,9 Feb 2013 at ASC College Chopda (Jalgaon)
3. National conference on Innovations in Chemistry –Laboratory to Society on March 11,2013 at NMU Jalgaon.
4. National conference on Advanced Analytical Techniques in Chemistry and Pharmacy on Oct.8, 9, 2013 at M.S.G. College, Malegaon.
5. State level conference on Scope, Opportunities, and Applications of Chemical Sciences. On March 2,3,2013. at ACS College Cidco, Nashik.
6. National conference on Redefining the Role of Chemistry in Modern Science' at K.V.N. Naik ACS College Canada Corner, Nashik. On 12/02/ 2014.
7. National Conference on Recent Trends in Chemical Research at K.V.N.Naik ACS College Canada Corner, Nashik. On 12, 13 January 2015.
8. National Conference on Recent Advances in Chemo and Bio Sciences at M.J.College, Jalgaon on 23rd January 2016.
9. State level seminar on New Horizons in Determination of Structure in Chemistry (NHDSC-2016) at KANMS Arts, Commerce and Science College, Satana on 2,3 February 2016.
10. National Conference on Contribution of Positive Psychology in 21st Century at A.C.S.College, Lasalgaon on 22,23rd February 2016.
11. International conference on Chemical, Biological and Environmental Sciences at Osaka, Japan on 10-12 May 2016.
12. National Conference on Emerging Trends in Chemistry and Nanosciences (ETCN-2017) at L.V.H.College, Panchavati, Nashik on 20,21st January 2017.

13. International conference on Innovations in Nanomaterials and their Applications(ICINA -2018) at L.V.H. College, Panchavati, Nashik(M.S.) on 18 to 20 January 2018.
14. National Conference on Global Opportunities in Chemical, Biological and Material Sciences at K.K.H.A. Arts, S.M.G.L. Commerce and S.P.S.J. Science College Chandwad on 28,29 December 2018.
15. International conference on Innovations in Teaching Learning and Evaluation in Higher Education (ICITLE -2019) at L.V.H. College, Panchavati, Nashik(M.S.) on 23 to 24 January 2019.
16. State level conference on Chemical pesticides and Environment and Human Health: The Urgent Need for Exploration in Agriculture. At Manmad College, on 6-7 January 2020.
17. National conference on Multidisciplinary Research in Science and Technology for Healthy Lifestyle Management at Shri R.L.T. College, Akola on 24 January 2020.
18. A national webinar on Intellectual Property Rights organized by J.A.T. Arts, Science and Commerce College, Malegaon. On 19 January 2021.
19. International webinar on Empowering Diversity in Sciences, Organized by Kamla Nehru Mahavidyalaya, Nagpur. On 9 February 2021.
20. International Materials Science Conference-2021 Organized by KBC North Maharashtra University, Jalgaon. On 18-20 March 2021.
21. International conference on Multidisciplinary Approaches to Humanities. Organized by Karmaveer Bhaurao Patil College, Uran, Islampur Sangli on 26 March 2021.
22. International e-conference on Recent Advances in Chemical, Physical and Biological Sciences organized by Nabira Mahavidyalaya Katol on 29-30 June 2021.
23. International conference on Multifunctional Advanced Materials(VICMAM-2021) Organized by JVM Degree college Airoli, Navi Mumbai. On 10 August 2021.
24. National webinar on Teachers e-Kit: A Four Quadrant Approach for Development of OERs for Higher Education organized by Guru Angad Dev Centre SGTB Khalsa College, University of Delhi under PMMMNMTT of Ministry of Science on 9 September 2021.
25. International Conference on Advanced Materials and Applications(ICAMA 2023) on (online) 1 July 2023 at Tisangi(Kolhapur)

Symposium

1. Symposium on Advances and Opportunities in Chemical Sciences (Royal Society of Chemistry-West India Section) on Oct.20.2012 at K.T.H.M. College, Nashik.

Lectures delivered

Topics of Speeches

1. Amali padharth ani yuva pidhi (Drug Addiction)
2. Disaster management
3. Bhagatsingh
4. Swami Vivekanand

Academic Year	Sr No	Venue

2013-14	1	K.K.W. Arts Commerce Science and Computer Science College ,Chandori Dist. Nashik
	2	Pataleshwar High School Padali (Sinnar)
	3	K.K.W. Arts Commerce Science and Computer Science College Bhausaheb Nagar Dist. Nashik
	4	M.V.P. Arts Commerce and Science College Cidco Nashik
	5	K.G.D.M. Arts Commerce and Science College Niphad Dist. Nashik
	6	M.V.P. Arts Commerce and Science College ,Vani
	7	Shrimati Vimlaben Khemji Tejukaya College, Deolali Camp
	8	M.G.V. Arts College, Saundana Malegaon
2014-15	9	Sane Guruj Sanchalit Junior College, Baragaon Pimpri
	10	M.G.V. Arts, Commerce College, Yeola
	11	Arts, Science and Commerce College, Nampur, Tal. Baglan Dist. Nashik
	12	Godavari Shikshan Mandals, G.D.Sawant College, Nashik
	13	Brahmha Valley College of Arts, Commerce and Science Nashik.
2015-16	14	Arts, Commerce and Science College Surgana Dist. Nashik
	15	K.G.D.M. Arts, Commerce and Science College Niphad Dist. Nashik
	16	K.K.W. Arts, Commerce, Science and Computer Science College, Bhausaheb Nagar Dist. Nashik
	17	M.V.P. Arts Commerce and Science College Vadner Bhairav Dist. Nashik
2016-17	18	K.V.N. Arts ,Commerce College Dindori
	19	New English School and Junior College (Shri Mankeshwar Vachanalaya) Niphad.
	20	Godavari Shikshan Mandals, G.D.Sawant College Nashik
2017-18	21	K.K.Wagh College of Education, Nashik.
	22	Madhyamik Vidyalaya Palse, Tal, Dist. Nashik
	23	Arts, Science and Commerce College, Saikheda Dist. Nashik.
	24	K.K.W. Arts, Commerce, Science and Computer Science College Pimplus Ramache Dist. Nashik
2018-19	25	J.A.T.Arts, Sci. and Commerce College, Malegaon
	26	K.A.N.M.S.Arts, Commerce and Science College, Satana
	27	Abbad Arts, Lodha Commerce and Jain Science College, Chandwad
	28	Arts, Commerce and Science College, Nandgaon
	29	M.G.V.Arts, Science and Commerce College, Manmad
	30	Arts and Commerce College, Taharabad
2019-20	31	M.G.V. Arts, Science and Commerce College, Manmad
	32	K.K.W. College, Kakasaheb Nagar Niphad
	33	J.A.T. Women's Arts, Science and Commerce College, Malegaon
	34	Ratnaprabha Vaishapayan Night College, Nashik
	35	M.V.P. Samaj's, Arts, Science and Commerce College, Manmad
2023-24	36	K.K.W. College, Kakasaheb Nagar Niphad
	37	M.V.P.Samaj Arts, Commerce and Science College Nandgaon.

International conference participated at: Japan (Osaka, Kyoto, Tokyo, Hiroshima cities)

Involvement in Administrative and Co-curricular Activities:

- Head of Department of Chemistry
- College Examination Officer(CEO)
- Member, Discipline committee

Social Contribution: Blood Donation in camps:

1. A.C.S. College Lasalgaon and Samata Blood Bank, Nashik on 14 September 2014
2. A.C.S.College Lasalgaon and College Alumni Association: Jankalyan Blood Bank Nashik on 23 August 2022.(Blood donated)
3. 2. A.C.S.College Lasalgaon and College Alumni Association: Jankalyan Blood Bank Nashik on 23 August 2022.(Blood donated)
4. Cleanliness drive

Co-curricular activities: College/University (SPPU Pune Sponsored programs)

1. Organized Disaster Management Workshop.
2. Organized Dr. Babasaheb Jaykar Vyakhanmala –2005, 2006,2007,2008,2009,2010, 2011, 2012.
3. Organized Senior Citizen Health Workshop-August 24, 2008.
4. Organized National Integration Workshop-September 19, 2008
5. Organized Aajacha Tarun Udyacha Desh seminar, December 25, 2011
6. Organized University level Chemistry Seminar on ‘Spectroscopic Techniques and their Applications’ on 10 February2012
7. Organized Credit system workshop for post graduate science students 2014
8. Organized M.A. Psychology syllabus framing workshop 2014
9. Organized Social Engineering through Value Education Workshop under Cluster scheme. On 16 March 2015.
10. Convener of Faculty Development programme–Cyber security and Data Sciences (Shivaji University Kolhapur on 26 October to 1st September 2019.
11. Convener of One day National Webinar on Safety in Chemical Laboratory on 7 December 2021.

Extension Work/Community service:

1. **Speaker of extra mural studies, S.P.Pune University**
2. Blood donation camp held on July 22, 2003.
3. Tree plantation and cleanliness awareness among students every year (Plant one tree this monsoon)
4. Promoted 2 students for research projects **every year.**
5. Donate blood in blood donation camp at Lasalgaon College on 24/09/2014&23 August 2022

Resource Persons Lectures

1. ‘Importance and techniques of soil and water testing’ at NSS Camp khedle zunge on 22 Dec.2009
2. Coordination Chemistry, Isomerism in complexes at M.G Vidyamandir’s Art’s, Commerce & Science College, Manmad on 10 Oct.2010.
3. K.K.W. College, Pimpalgaon (B) Nashik
4. K.K.W. College Kakasaheb Nagar Dist. Nashik. (N.S.S.Camp)
5. Soil and Water Testing at NSS Camp of K.K.W. College Chandori on 6 Jan.2013

6. A lecture delivered in NSS Special Winter Camp at Kalkhode (Chandwad) 24/12/2014
7. Delivered a lecture on Swami Vivekananda in NSS on Yuva day 12 Jan.2017
8. Delivered a lecture on Importance of Soil and Water testing in NSS camp on 19 Dec.2017
9. Delivered a lecture on Food adulteration awareness and water testing and milk adulteration testing with practicals in NSS special winter camp on 25 Dec.2018
10. Delivered lectures in Dr. Jaykar Lecture Series(Vyakhanmala) and Shri. Yashwantrao Chavan Vyakhanmala organized by Extramural studies S.P. Pune University, Pune at various colleges.
11. Resource person for delivering a lecture on ,Introduction to Choice Based Credit System,at Arts, Commerce and Science College, Tryambakeshwar ,Nashik on 31 July 2020.
12. Resource person for One day webinar on ‘Disaster Management’ organized by IQAC on 20 April 2021.

Media Newspaper Publications

1. Aajache vidyarthi jagat.in daily Lokmat on October 21, 1996
2. Shahid Bhagatsingh in weekly Tejonidhi on August 12, 1997.
3. Rasayanshastra sangrahalaya shaikshanik kshetratil aavashak bab in daily Lokmat on February 28, 1998.
4. Paravarnas dhoka nirman karnare plastic in Gavkari on February 28, 1999.
5. Disaster Management in daily Sakal on October, 19, 2005
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7. Japan pramanik, kartavyadaksha nagarikanacha desh in Gavkari 2016.
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E-Content developed:

S.No	E-Content	Link
1	Molecular Orbital Theory(MOT)	https://www.youtube.com/watch?v=YaEZR9mZyAA&t=93s
2	Combination of AO's	https://www.youtube.com/watch?v=r_CP9bjH1dI&t=511shttps://www.youtube.com/watch?v=YaEZR9mZy
3	Periodic Table	https://youtube.com/watch?v=wZ3bQUbKWso&feature=shares
4	Bonding in square planar geometry	https://youtube.com/watch?v=uBFneTqZjYU&feature=shares
5	Valence Bond Theory	https://youtube.com/watch?v=Xe-qmJTEO0g&feature=shares
6	Microstates/Degeneracy	https://youtube.com/watch?v=9Chpg7RhAh0&feature=shares
7	Environmental Studies –Food web	https://youtube.com/watch?v=1eFT1NVIHFc&feature=shares
8	Atomic structures	https://youtube.com/watch?v=_bXYUR_XNxM&feature=shares
9	Homogeneous catalysis	https://youtube.com/watch?v=ZUIueVZEsCs&feature=shares

10	Crystal Field Theory	https://youtube.com/watch?v=WMpU9leEhCU&feature=shares
11	Ionic solids	https://youtube.com/watch?v=iC9Hxkt6mEA&feature=shares
12	IUPAC Nomenclature	https://youtube.com/watch?v=FSxzikB058Y&feature=shares

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