

Personal Profile



SCOPUS ID : 6507985015

Web of Science Researcher ID : HHS-0223-2022

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Name	Dr. Shashikant Raghunath Kuchekar			
Name of Department	Analytical Chemistry			
Date Of Birth	01/06/1960			
Date Of Appointment	11/08/1987; As a Principal 26/09/2017 to 14/09/2021; As a Principal 01/07/23 to 30/04/2024 As a Principal 02/05/2024 to 31/05/2025			
P.G. Teacher Recognition	PG. Teacher and Ph. D. Guide, S. P. Pune University up to 31.05.2022			
Teaching Experience	36 Years			
Administrative Experience	6 Years			
Examination Related Experience	Paper setter and examiner 27 years. Chairman (P. G.) Analytical Chemistry, Environmental Science 20 years Paper setter and Examiner Other University: <ul style="list-style-type: none">• Shivaji University Kolhapur• Swami Ramanand tirth Marathwada University• Solapur University As a Principal and College is under section 125 S. P. Pune University, conducted total Paper setting , examination and result declaration – 4 years			
Educational Qualification				
Degree	Year	Marks/Out Off	Class	University/ Institute
Graduation	1980	1573/2800	II nd	Shivaji University, Kolhapur
Post-Graduation	1982	817/1200	I st	Shivaji University, Kolhapur
Ph.D.	1987	--		Shivaji University, Kolhapur

Experience:

Sr. No	From	To	Place of Work	Position	Main Duties
1	02.05.2024	31.05.2025	PMT'S Arts Commerce and Science College, Shevgaon, Dist. Ahmednagar, MS	Principal	Administration, Teaching and Research
2	01.07.2023	30.04.2024	Sanjivani Arts, Commerce and Science College, Kopargaon,	Principal	Administration, Teaching and Research
3	28.09.2017	14.09.2021	Woman's College of Home Science and BCA, Loni	Principal	Administration, Teaching and Research
4	01.06.2015	27.09.2017	P. V. P. College Pravaranagar	Associate Professor and Head	Teaching Research and Administration
5	01.06.2013	31.06.2013	A. C. S. College Satral	Associate Professor and Head	Teaching Research and Administration
6	01.05.2013	31.05.2013	Department of Chemistry Santiago-de-Compostela Spain	Visiting Researcher	Research work
7	03.08.2012	30.04.2013	A. C. S. College Satral	Associate Professor and Head	Teaching Research and Administration
8	01.01.2012	0.08.2012	P. V. P. College Pravaranagar	Associate Professor	Teaching Research
9	01.09.2011	31.12.2011	Hanyang University Seoul South Korea	Visiting Professor	Teaching and Research
10	01.01.2006	31.08.2011	P. V. P. College Pravaranagar	Associate Professor	Teaching and Research
11	27.07.1998	31.12.2005	P. V. P. College Pravaranagar	Reader	Teaching and Research
12	11.08.1987	26.07.1998	P. V. P. College Pravaranagar	Lecturer	Teaching and Research

MEMBER: National Accreditation and Assessment Committee Bangalore since 2023.

CONTACT DETAILS:

Dr. S. R. Kuchekar,

Principal,

PMT'S Arts Commerce and Science College, Shevgaon, Dist. Ahmednagar

(Former Principal, Sanjivani Arts, Commerce and Science College, Kopargaon, Dist. Ahmednagar, MS)

(Former Principal, Women's College of Home Science and BCA at Loni, Dist. Ahmednagar)

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ACADEMIC PROFILE

a) Details of Orientation/Refresher Courses / Summer School / Short Term course attended

Sr. No	Name of the Orientation /Refresher Courses	Dates and Duration	Place
1.	Orientation Program	19.02.1991 to 18.03.1991 4 Weeks	Academic Staff College, University of Pune
2.	Refresher Course I	0.3.03.1992 to 18.03.1992 3 Weeks	Academic Staff collage, Devi Ahilya University, Indore
3.	Refresher Course II	27.01.1997 to 17.02.1997 3 Weeks	Academic Staff College, University of Hyderabad, Hyderabad
4.	Refresher Course III	02.11.1998 to 23.11.1998 3 weeks	Department of Chemistry, Shivaji University, Kolhapur
5.	Short Term Course	18.04.2016 to 26.04.2016 More than 1 weeks	PVP College Pravaranagar, Loni

b) Details of Research (M. Phil. / Ph. D. Award)

Sr. No	Title of Thesis	University	Date of Award	Link to Shodhganga
Ph. D.	Solvent Extraction Separation Studies of Some Metals	Shivaji University, Kolhapur	11.11.1987	

c) Countries Visited:

Sr. No	Country	Year	Purpose
1	South Korea	2011	Visiting Professor, Seoul , 01.09.2011 to 31.12.2011
2	Spain	2013	Visiting Researcher, Santiago-de Compostela - One Month
3	USA	2007	Presentation of Research paper at International Conference at Chicago
4	Singapore	2007	Presentation of Research paper at International Conference at Singapore
5	Canada	2009	Presentation of Research paper at International Conference at Kingston
6	Mauritius	2010	Presentation of Research paper at International Conference at Mauritius
7	Thailand	2015	Presentation of Research paper at International Conference at Bangkok <i>Chair Person</i>
8	Indonesia	2017	Presentation of Research paper at International Conference at Bali
9	UAE	2018	Presentation of Research paper at International Conference at Dubai
10	Nepal	2023	Visit to Tribhuan University Nepal, Kathmandu
11	Portugal	2013	For tourism Porto
12	Malyasia	2007	For tourism
13	Bhutan	2024	For tourism

d) Details of Research Projects (Major / Minor): Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution

Project	Title	Duration	Amount sanctioned	Funding Agency
Major Research Project	Extraction Chromatographic Separation of Platinum Group Metals From Real Samples With N-n-Octylaniline.	01.04.2007 to 31.03.2010	4,19,600=00	UGC
	Extraction, separation and spectrophotometric determination of doped elements with o-methylphenyl thiourea	01.04.2013-31.03.2017	7,15,500=00	UGC
Minor Research Project	Solvent Extraction of Aluminium and its Separation from Gallium Indium and Thallium	01.04.1996-31.03.1998	13,000=00	UGC
	Effect of Various oxidants on Threshold Odor Number (TON) of Untreated Effluents of Agro Based Industries	01.04.2002-31.03.2004	47,000=00	UGC
	Reserved Phase Paper Chromatographic Studies in Copper, Silver and Gold	01.04.2005-31.03.2007	75,000=00	UGC
	Extraction Chromatographic Separation of Fe,Mn , Mo and Cu With N-n-Octylaniline	01.04.2008-31.03.2010	3,00,000=00	BCUD Pune University
	Extraction Chromatographic Studies of Gallium, Indium and Thallium using High Molecular Weight Aniline	01.04.2013-31.03.2015	2,40,000=00	BCUD Pune University
Industry Funded Research Project	Isolation of Ginger oil, Garlic oil,Black paper oil	15.09.2018-14.09.2020	21,000=00	Atharv Agrow Industries Nashik

e) Books / Reference Book Published:

Title of Book	Name Publisher	ISBN / ISSN	Year	Volume
Text Book of Analytical Chemistry, T. Y. B.Sc. Sem.-III	Vision Publications Pune	978-93-5016-032-9	2010	1
Text Book of Analytical Chemistry, T. Y. B.Sc. Sem.-IV	Vision Publications Pune	978-93-5016-071-8	2011	1
Text Book of Physical & Analytical Chemistry, S. Y. B.Sc. Sem.-I(As per revised Syllabus 2014)	Prashant Publications Jalgaon	978-93-84228-52-1	2014	1
Text Book of Physical & Analytical Chemistry, S. Y. B.Sc. Sem.-II(As per revised Syllabus 2014)	Prashant Publications Jalgaon	978-93-85019-11-1	2014	1
Chemistry Practical Book, S. Y. B. Sc.(As per revised Syllabus 2014)	Prashant Publications Jalgaon	978-93-84228-54-5	2014	1
Text Book of Analytical Chemistry, T. Y. B.Sc. Sem.-III(As per revised Syllabus 2015)	Prashant Publications Jalgaon	978-93-85019-40-1	2015	1
Physical and Analytical Chemistry, S.Y. B. Sc. CH - 401 (As per revised CBCS Syllabus2020)	Prashant Publication Jalgaon	978-93-90183-54-9	2020	1
Analytical Chemistry – I T. Y. B. Sc., Sem. V CH-502 (As per revised CBCS Syllabus 2021)	Prashant Publications Jalgaon	978-93-89000-00-0	2021	1
Analytical Chemistry - II T. Y. B. Sc.Sem. VI CH-611 (A) (As per revised CBCS Syllabus2021)	Prashant Publications Jalgaon	978-93-92425-079-0	2021	1
Practical Chemistry- I Semester- V CH - 503, 506, 509 (As per revised CBCS Syllabus2021)	Prashant Publications Jalgaon	978-93-91391-27-0	2021	1
Practical Chemistry-II Semester- VI CH - 603, 606, 609 (As per revised CBCS Syllabus2021)	Prashant Publications Jalgaon	978-93-92425-87-5	2021	1
Chemistry of Soil and Agrochemicals Semester - VI CH - 606 (A) (As per revised CBCS Syllabus2021)	Prashant Publications Jalgaon	978-93-92425-75-2	2021	1
Fundamentals of Chemistry - I FY.B.Sc. Sem. I CHE 102 P As per U.G.C. Guidelines (NEP)and also on the basis of revised syllabus of SPPU Pune from June 2025	Prashant Publications Jalgaon	978-93-92400-00-0	2024	1
Chemistry Practical - I FY.B.Sc. Sem. I CHE 102 P As per U.G.C. Guidelines (NEP)and also on the basis of revised syllabus of SPPU Pune from June 2025	Prashant Publications Jalgaon	978-93-92400-00-0	2024	1

f) Research Papers Published:

Total Citation	807
H – index	15
I 10 –index	37
H – index Scopus	11
Research Interest Score	280.8
Total Impact	103.891
Impact /Paper	0.971

g) Detail List of Publish Paper in following sequence

Sr. No.	Authors	Title of Research Paper	Name of Journal Volume, Page No.	level	Month and Year of Publication	ISSN / ISBN	Impact Factor/ h-index/ SCOPUS
1.	A.S. Murkute , S. R.Kuchekar, S. D. Bhumkar, H. R. Aher	Spectrophotometric determination and sequential separation of palladium(II), iridium(III) and ruthenium(III) using 2-(2-(1-(thiophene-2-yl) ethylidene) hydrazinyl) benzoic acid (TEHBA)	Talanta	International	Submitted July 2024	0039-9140	6.5
2.	Amruta Murkute , Haribhau Aher, Somnath Bhumkar, Shashikant Kuchekar	Rapid Spectrophotometric Determination and Extraction of Platinum(IV) from Pharmaceuticals Assisted by 2-(2-(1-(thiophene-2-yl) ethylidene) hydrazinyl) benzoic acid (TEHBA)	Analytical Sciences	International	Accepted, June 2024	0910-6340	1.6

3.	P. N. Kamble,P. S, Bodhane,G. Beig, M. Awale, U Mukkannwar, A. V. Mane, M. Mujumdar,S. R. Kuchekar and V. N. Patil	Impact of transport Sector Emission on Biochemical Characteristics of Plants and Mitigation Strategy in Pune,India	Environmental Challenges https://reader.elsevier.com/reader/sd/pii/S2667010021000603?token=EDA943BB185E78560FC36DC7CB460B4EABFAE7047CDAA3984FA063E0CEA00BE93AD9C76A8F8546311FD3D308B4662A19&originRegion=eu-west-1&originCreation=20210411041923	International	2021	2667-0100	----
4.	R. M. Naval and S. R. Kuchekar	Spectrophotometric Determination of Lanthanum(III) with O-Methoxy Phenylthiourea as a Chromogenic Ligand	J. Mater. Env. Sci. 12(1), 115-127.	International	2021	2028-2508	0.75
5.	S. R. Kuchekar, M. P. Patil, H. R. Aher and V. B. Gaikwad	Azadirachta Indica Assisted Green Synthesis of Iron Oxide Nanoparticles	Sci. Technol. and Development 10(1)241-246.	International	2021	0950-0707	6.1
6.	S. R. Kuchekar, M. P. Patil, H. R. Aher and V. B. Gaikwad	Syzygium Cumini as a Low cost Adsorbent for Removal of Lead(II) from Aqueous Solution	Sci. Technol. and Development 19(3)265-271	International	2021	0950-0707	6.1
7.	S. R. Kuchekar, M. P. Patil,D.D. Agarkar, H. R. Aher and V. B. Gaikwad	-Isolation of Protein Rich Soy from Soybean Grain	Sci. Technol. And Development 11(4),42 -46	International	2021	0950-0707	6.1
8.	S. R. Kuchekar, M. P. Patil, H. R. Aher and V. B. Gaikwad and S. H. Han	Removal of Bismuth (III) With Adsorption Using Syzygium cumini	Bulletin of Environ., Pharmaco. and Life Sciences 10(4),	International	2021	2277-1808	0.971

9.	S. R. Kuchekar, P. M. Dhage,H. R.Aher and S. H. Han	Removal of Molybdenum(VI) using <i>Tamarindous Indica</i> seeds as a natural Ion exchanger	J. Mater. Environ. Sci, 11(12), 2020, 2074-2083 https://www.jmaterenvironsci.com/Document/vol11/vol11_N12/JMES-2020-11177-Kuchekar.pdf	International	2020	2028-2508	0.75
10.	S. R. Kuchekar, H. R. Aher, S. Bhumkar And P. Ramasamy	Solvent Extraction Spectrophotometric Determination of Ruthenium with p-Methylphenyl Thiourea: Sequential Separation of Ruthenium, Osmium and Iron	Separation Science and Technology, 559(4), 2570-2572 https://doi.org/10.1080/1496395.2019.1635620	International	2020	1520-5754	1.718
11.	S. R. Kuchekar, S. D. Bhumkar H.R. Aher, and S. H. Han	Separation of Platinum(IV), from Pharmaceuticals, using P-Methylphenyl Thiourea by Solvent Extraction: Separation from Palladium(II), Nickel(II)	J. Anal. Chem. Letters. https://doi.org/10.1080/22297928.2020.1712236 TACL 9(6),775 - 788	International	2019	2230-7532	---
12.	S. R. Kuchekar, S. D. Bhumkar H.R. Aher, and S. H. Han	Solvent Extraction, Spectrophotometric determination of Iridium (III) using p-methylphenylthiourea as a chelating agent: Sequential Separation of Iridium(III), Ruthenium(III) and Platinum(IV)	J. Materials. And Environ. Sciences 10(12) 1200-1213	International	2019	2028-2508	0.26
13.	S.R.Kuchekar1, M.P.Patil, H.R.Aher, V.B.Gaikwad , S.H.Han	Biosorption Efficiency of Syzygium Cumini Bark for Removal of Zinc from Industrial Effluent	Int. J. of Research and Analytical Reviews, 6(2), 2019, 405-410	National	2019	2348-1269	5.75

14.	S.R. Kuchekar, M.P. Patil, H.R. Aher, B. H. Zaware, V.B. Gaikwad	Removal of Hg (II) from contaminated water on the bark powder of <i>Syzygium Cumini</i>	Int. J. of Scientific & Engineering Research, 10(10), 2019,976-988	National	2019	2229-5518	4.2
15.	S. R. Kuchekar, S. D. Bhumkar, H.R. Aher, and P. Ramasami	Solvent Extraction, Spectrophotometric Determination And Separation Of Rhodium(Iii) From Synthetic Alloy Samples Using Pmethylphenyl Thiourea	Int. J. of Research and Analytical Reviews, 6(2), 2019, 418-425	National	2019	2348-1269	5.75
16.	S.R. Kuchekar, M.P. Patil, H.R. Aher, V.B. Gaikwad, S.H. Han	Adsorptive Removal of Cadmium (II) ion from Industrial Wastewater by Natural Adsorbent	J. Materials. And Environ. Sciences 10(11) 1117-1122	International	2019	2028-2508	0.26
17.	S. R. Kuchekar, S. D. Bhumkar, H.R. Aher, and P. Ramasami	Extractive Spectrophotometric Determination of Osmium(VIII) using P-methylphenyl Thiourea as a Chromogenic Reagent: Sequential Separation of Palladium, Osmium and Platinum	J. Materials. And Environ. Sciences 4) 316-327	International	2019	2028-2508	0.26
18.	S. R. Kuchekar, S.D. Bhumkar, H.R. Aher, B. H. Zaware, P. Ramasami	Solvent Extraction and Spectrophotometric Determination of Palladium(II) Using P-Methylphenyl Thiourea as a Complexing Agent	Int. J. of Chemical and Molecular Engineering, 13, 10, 2019,491-497	International	2019	9195-0263	--
19.	S.R. Kuchekar, H.R. Aher, Priti M. Dhage	Removal of Vanadium from Industrial Effluents by Natural Ion Exchanger	Int. J. of Chemical and Molecular Engineering, 13(12), 2019,564-570	International	2019	9195-0263	--

20.	S. R. Kuchekar, S. D. Pulate, H.R. Aher, V. B. Gaikwad and S. H. Han	Solvent Extraction, Spectrophotometric Determination of Copper (II) from Environmental Samples using O-methylphenyl Thiourea as a Novel Reagent	Iran. Chem. Commun.7,2019,212-222 http://icc.journals.pnu.ac.ir	International	2019, 212-222	2423-4958	-----
21.	H. R. Aher, S. H. Han, A. S. Vikhe and S. R. Kuchekar	Green Synthesis of Copper Nanoparticles Using <i>Syzygium Cumin</i> , Leaf Extract, Characterization and Antimicrobial Activity	Chemical Science Transactions DOI:10.7598/cst2019.1552	Online	2019, 8(1) , 1-6	2278-3458	0.980
22.	S. R. Kuchekar, P. M. Dhage · V. B. Gaikwad H. R. Aher and S. H. Han	Biosynthesis and Characterization of Nickel Nanoparticle Using <i>Ocimum sanctum</i> (Tulsi) Leaf Extract	Chemical Science Transactions DOI:10.7598/cst2018.1537	Online	2018, 7(4) , 696-702	2278-3458	0.980
23.	S. R. Kuchekar, P. M. Dhage · H. R. Aher and S. H. Han	Green Synthesis of Cobalt Nanoparticles, Its Characterization and antimicrobial properties	International Journal of Chemical and Physical Sciences,	National Online	2018, 7,190-198.	2319-6602	1.825
24.	S. R. Kuchekar, M. P. Patil, V. B. Gaikwad and S. H. Han	Tridax Procumbens Leaf Extract Mediated Green Synthesis of Iron oxide Nanoparticles and Microscopic Studies.	International Journal of Chemical and Physical Sciences,	National Online	2018, 7,199-204.	2319-6602	1.825
25.	D. V. Sonawane, M. D. Sangale, D. N. Gaikwad, S. S. Giakwad, A.A.Kale and S. R. Kuchekar	Synthesis and Characterization of MgO Nanoparticles by using Sol-Gel Method	International Journal of Chemical and Physical Sciences,	National Online	2018, 7,165-169.	2319-6602	1.825

26.	D. V. Sonawane, M. D. Sangale, D. N. Gaikwad and S. R. Kuchekar	Persistence of Organic Pollutants in Ground Water Around Kurkumbh Industrial Area (Daund) from Pune District(MS) India	Int. J. of Scientific Res. In Sc. And Technol. , (3)9,2017,51-58	National	2017	2395-602x	6.39
27.	S. R. Kuchekar, M. P. Patil, V. B. Gaikwad, S. H. Han	Synthesis and Characterization of Silver Nanoparticles using Azadirachta indica (Neem) leaf extract	International Journal of Engineering Science Invention, 6(4),2017,47-55.	Open asses	2017	2319 – 6734	5.063
28.	S. R. Kuchekar, S. D. Pulate, V. B. Gaikwad, P.M.Dighe, P.Ramasami	Solvent Extraction, Spectrophotometric Determination of Antimony (III) from Synthetic and Real Samples, using <i>o</i> -Methylphenyl Thiourea as Sensitive Reagent	World J. of Phar. & Pharmaceutical Sciences, 6(4), 1664-1685	International	2017,	2278-4357	0.987
29.	S. R. Kuchekar, R. M. Naval and S. H. Han	Solvent Extraction and Spectrophotometric Determination of Cerium (IV) by Using <i>o</i> -Methoxy Phenylthiourea as an Analytical Reagent	Solvent Extraction Research and Development, Japan 23 (1), 19-29	International	2016	2188-4765	1.053
30.	S. R. Kuchekar, Y. S. Shelar, S. D. Pulate and S. H. Han	Rapid determination of Tellurium(IV) by ultraviolet spectrophotometry using <i>o</i> -methylphenyl thiourea as a new chromogenic ligand	Bulgarian Chemical Communications 48(1),13-20	International	2016	0324-1130	0.349
31.	Y.S. Shelar , S.R. Kuchekar , S.H. Han	Extraction spectrophotometric determination of rhodium(III) with <i>o</i> -methylphenyl thiourea	Journal of Saudi Chemical Society 19, 616–627	International	2015	1319-6103	2.523

32.	S. R. Kuchekar, R.M. Naval, S.H. Han	Selective determination of selenium(IV) from environmental samples by UV-visible spectrophotometry using O-methoxyphenyl thiourea as a chelating ligand	Intern. J. Environ. Anal. Chem, 95 (7), 618-634	International	2015	0306-7319	1.295
33.	S. R. Kuchekar, Y. S. Shelar, R. J. Bhor, M. A. Anuse and R. M. Naval	Spectrophotometric determination of osmium(IV) and ruthenium(III) with o-methoxyphenyl thiourea as a chromogenic ligand: Sequential separation of osmium(IV), ruthenium(III) and platinum(IV)	Separation Science and Technology 50(8), 1190 -1201	International	2015	0149-6395	1.171
34.	S.R. Kuchekar, R. M. Naval, S.H. Han	Development of a reliable method for the spectrophotometric Determination of Palladium (II) with o-Methoxyphenyl Thiourea: Separation of palladium from associated metal ions	South African Journal of Chemistry 67 (1), 226-232	International	2015	0379-4350	0.629
35.	S. R. Kuchekar, M. P. Patil and S, H, Han	Biosynthesis of silver nanoparticles using Nicotiana tobaccum leaf extract	World J. of Phar. & Pharmaceutical Sciences 4(4),1609-1616	International	2015	2278-4357	0.987
36.	S. R. Kuchekar, P. L. Harale, R. M. Naval and B. H. Zaware	Extraction Chromatographic studies of thallium(III) with N-n-ocylaniline	Intr. J. of Curr. Res. in Chem. & Phar. Sci 21(1), 59-64	International	2015	2348-5213	1.54
37.	Anil Gaddave, R. Gaikar, S. R. Kuchekar and B. Karale	Synthesis and antimicrobial evaluation of some novel fluorinated chromones and pyrazoles	Indian J. of Chemistry, 2015, 54B, 3 83-390	International	2015	0376-4699	0.387

38.	P. N. Kamble, V. B. Gaikwad, S. R. Kuchekar and Erland Bääth	Microbial growth, biomass, community structure and nutrient limitation in high pH soils from Pravaranagar (India)	European J. of Soil Science, 65,87-95	International	2014	1365-2389	2.387
39.	S. R. Kuchekar, S. H. Han and R. M. Naval	Development of a Reliable Method for Spectrophotometric Determination of Palladium(II) with o-Methoxyphenyl Thiourea: Separation of Palladium from Associated Metal Ions	South African J. of Chem. , 67, 226–232	International	2014	1996-840X	0.890
40.	S R Kuchekar, V. B. Gaikwad and D. V. Sonawane	Removal of hexavalent chromium from industrial effluents by natural ion exchanger	Ind. J. Chem. Technol, 21 A,338-344	International	2014	0975-0991	0.513
41.	B. H. Zaware and S, R. Kuchekar	Kinetic study of formation of thiazole by cyclisation	Bul. Chem. Communications, 46(1), 180-183	International	2014	0324-1130	0.320
42.	A.G. Gadhave, R. B. Gaikar, S. R. Kuchekar, and B. K. Karale	Synthesis and Antimicrobial Activity of Some Novel [4-(1,2,3-thiadiazol-4-yl)phenoxy]methylene anchored 1,3,4-triazoles and 1,3,4-thiadiazoles	J. of Heterocyclic Chem. 51(6),1849-1855	International	2014	1943-5193.	0.787.
43.	S. R. Kuchekar, S. D. Pulate, Y. S. Shelar and S. H. Han	Spectrophotometric study of interaction of o-methylphenyl thiourea with Iridium(III) and development of precise determination method from hydrochloric acid media.	Ind. J. Chem. Technol.21 (2),120-126	International	2014	0975-0991	0.580

44.	S. R. Kuchekar, P. Bermejo-Barrea and Y. S. Shelar	Rapid and selective determination of osmium(IV) by UV-Visible spectrophotometry using <i>o</i> -methylphenyl thiourea as a chromogenic chelating ligand: sequential separation of osmium(IV), rhodium(III) and platinum(IV)	Intern. J. Environ. Anal. Chem. 2014, 94(5),463-478	International	2014	0306-7319	1.295
45.	S.R. Phule, S. H. Han and S.R. Kuchekar	Separation of divalent lead from ayurvedic (Herbal) medicine and alloys using extraction chromatography	Ind. J. Chem. Technol., 21,205-210	International	2014	0975-0991	0.580
46.	D. V. Sonawane, M. D. Sangale, D. N. Gaikwad and S. R. Kuchekar	Determination of water quality index in industrial area of waluj MIDC Aurangabad, MS, India	Inter. J. of Advanced Scientific and Technical Research, 2014, 4(3),869-890	Available online on http://www.rspublication.com/ijst/index.html	2014	2249-9954	0.17
47.	D. V. Sonawane, M. D. Sangale, D. N. Gaikwad, and S. R. Kuchekar	Studies on the Status of available Micronutrients for plant growth in different soil series of bhima river lower basin at Siddhatak in Ahmednagar district, MS	Int. J. Chem. Sci., 2014, 12(3), 1081-1085	National	2014	0972-968X	0.16
48.	S. R. Kuchekar, Y. S. Shelar, H. R. Aher and S. H. Han	Development of a reliable analytical method for extraction spectrophotometric determination of ruthenium(III) from catalyst and fissium alloy using <i>o</i> -methylphenyl thiourea as a chromogenic chelating ligand	Spectro Chimica Acta Part A, Molecular and Biomolecular Spectroscopy, 2013, 106, 1-11	International	2013	1386-1425	2.353

49.	S. R. Kuchekar, Y. S. Shelar and S. H. Han	Spectrophotometric determination of platinum(IV) through the <i>O</i> -methylphenyl thiourea and iodide ternary complex after liquid-liquid extraction	Journal of Brazilian Chemical Society, 2013,10,421-428.	International	2013	0103-5053.	1.129
50.	Gadhve,A., Kuchekar, S., Karale, B.	Ultrasonication-induced synthesis and antimicrobial evaluation of some multifluorinated pyrazolone derivatives	Journal of Chemistry, art. No. 741953, . http://dx.doi.org/10.1155/2013/741953	International	2013	2090-9071	0.772
51.	S. J. Kokate, H. R. Aher, S.H.Han and S. R. Kuchekar	Extraction Chromatographic separation of rhodium(III) and its separation from platinum(IV),gold(II I) and alloys with N-n-octylaniline coated on silica gel.	Bulgarian Chemical Communications,2013,45(2),1-6.	International	2013	0324-1130	0.320
52.	S.R. Phule, H.R. Aher, S. H. Han and S.R. Kuchekar	Extraction chromatographic study of aluminium(III) and mutual separation of aluminium(III), gallium(III), indium(III) and thallium(III) with N-n-octylaniline	Chinese Journal of Chromatography, 2012, 30(9),931-937.	International	2012	1872-2040	1.382
53.	S. J. Kokate, H. R. Aher, S. H. Han and S. R. Kuchekar	Reversed Phase Extraction Chromatographic Separation of Osmium (VIII) with N-n-octylaniline on Silica gel	Indian Journal of Chemical Technology , 2012,19,239-243	International	2012	0975-0991	0.580
54.	Y.S.Shelar, H.R.Aher S. H. Han and S. R. Kuchekar	Extractive Spectrophotometric Determination of Palladium(II) with O-Methylphenyl thiourea from Synthetic Mixtures	Bulgarian Chemical Communications,2012;44(2),172-179	International	2012	0324-1130	0.320

55.	S. R. Kuchekar , M. L. Kundlik, B. H. Zaware	A Rapid and Specific Approach for Direct Measurement of Glimepiride in Human Plasma by LC-ESI-MS/MS Employing Automated 96 Well Format. : Application to a Bioequivalence Study	Journal of Chromatographic Science 2012;50:64–70	International	2012	0021-9665	1.218
56.	S.R. Phule, H.R. Aher and S.R. Kuchekar	Reverse Phase Partition Chromatographic Separation of Vanadium with N-n-octylaniline on Silica gel	International Journal of Chromatography, 2011, 1(1), 1-6. <i>Available online</i> http://www.urpjournals.com	International	2011	---	---
57.	S.R. Phule, S.J. Kokate and S.R. Kuchekar	Reversed phase partition chromatographic separation of divalent copper with N-n-octylaniline on silica gel	Journal of Saudi Chemical Society, 2011, 15, 209-213.	International	2011	1319-6103	1.288
58.	S. J. Kokate, H. R. Aher and S. R. Kuchekar	Separation of gold(III) from ayurvedic medicines and alloys by extraction chromatography	Bulgarian Chemical Communications, 2011,43(3),406-410.	International	2011	0324-1130	0.320
59.	S. R. Kuchekar , M. L. Kundlik, B. H. Zaware	Rapid Quantification of Mirtazapine and Desmethyl Mirtazapine in Human Plasma by LC-ESI-MS/MS: Application to a Bioequivalence Study	Journal of Saudi Chemical Society, 2011, 15,145-153	International	2011	1319-6103	1.288
60.	P.N.Kamble, V.B.Gaikwad and S.R.Kuchekar	Monitoring of Physico-Chemical Parameters and Quality Assessment of Water from Bhandardara Reservoir.	Der Chimica Sinica, 2011,2(4), 229.	International	2011	0976-8505	0.386

61.	S. R. Kuchekar, V. B. Gaikwad, D. V. Sonawane and S. P. Lawande	Adsorption of lead(II) ions on Tamarindous Indica seeds as a low cost abundantly available natural adsorbent	Der Chemica Sinica, 2011,2(6), 281-287	International	2011	0976-8505	0.386
62.	S. R. Kuchekar, B. H. Zaware, M. L. Kundlik	A rapid, sensitive and direct quantification of tamosulosin in human plasma by LC-ESI-MS/MS: application to a bioequivalence study	Bulgarian Chemical Communications,42(4),2010,268-273	International	2010	0324-1130	0.320
63.	S. R. Phule, Y.S. Shelar and S. R. Kuchekar	Extraction Separation studies of divalent Manganese using N-n-octylaniline as Liquid Anion Exchanger	Analytical Chemistry An Indian Journal, 2010, 9(2),260-264.	International	2010	0974-7419	---
64.	S. J. Kokate and S. R. Kuchekar	Reversed Phase Extraction Chromatographic Separation of Ruthenium(III)	J. Saudi. Chem. Soc., 2010, 41, 14	International	2010	1319-6103	1.288
65.	A. A. Gavande, V. K. Vikhe, S. J. Kokate, H. R. Aher and S. R. Kuchekar	Extraction Chromatographic Separation of Mo(VI) With the High Molecular Weight Liquid Anion Exchanger- N-n-octylaniline	Ind. J. Chem. Technol., 2010,17,154.	International	2010	0975-0991	0.580
66.	S. R. Kuchekar, M. L. Kundalik and B. H. Zaware	Rapid and Specific approach for direct measurement of Topiramate in human plasma by LC-MS/MS: Application for bioequivalent study	J. Bioanalysis and Biomedicine, 2010,2(5), 107	International Open access OMC Group	2010	1948-593X	---

67.	S. J. Kokate, Y. S. Shelar, H. R. Aher and S. R. Kuchekar	Liquid-liquid Extraction and Recovery of Bismuth(III) from Hydrochloric Acid Media using n-octylaniline in Chloroform	Bulgarian Chem. Communication, 2010, 42(2), 107.	International	2010	0324-1130	0.320
68.	P.N.Kamble, S.J.Kokate, H.R.Aher V.B.Gaikawad and S.R.Kuchekar	Taramindus Indica Bark as a Natural Ion Exchanger for Removal of Iron	Intr.National J.Chem.Sci., 2010, 8(1), 183.	National	2010	0972-768 X	---
69.	C.S.Karle, H.R.Aher, S.R.Kuchekar	Corrosion study of ferrous and non ferrous metals in ground water from Pravara area	Environmental Science An Indian Journal. 2010, 5(1) 107	National	2010	0976-4402	---
70.	D.V.Sonavane, S.P.Lawande, V.B. Gaikawad and S.R.Kuchekar	Impact of industrial waste water on soil quality and organic matter around Kurkumbh Industrial area Daund, from Pune District (MS)	Intr.National J. Chem. Sci, 2010, 8(1), 97	National	2010	0972-768 X	---
71.	R. B. Gaikar, B. K. Uphade, A.G. Gadhawe and S. R. Kuchekar	Effect of Dairy Effluents on Seed Germination & early Seeding growth of Soyabeans	Rasayan J. Chem. 2010, 3(1), 137	National	2010	0974-1496	--
72.	M.L.Kundalik, S.V.Kambli, V.R.Saha, Y.K.Patel, S.Gupta, R.Sharma, B.H.Zaware and S.R. Kuchekar	Quantification of Quetiapine in Human Plasma by LC-MS/MS	Chromatographia, 2009, 70, 1587.	International	2009	1612-1112	1.411
73.	S. J. Kokate, H. R. Aher and S. R. Kuchekar	Extraction Chromatographic Separation of Platinum (IV) from Real Samples and Associated Elements	Chinese Journal of Chromatographic Science, 2009, 27(6) 809.	International	2009	1000-8713.	1.382

74.	U. Talekar, S. J. Kokate, and S. R. Kuchekar	Gas Chromatographic Determination of Celecoxib from Pharmaceutical Formulation.	Analytical Chemistry An Indian Journal, 2009, 8(3), 368	International	2009	0974-7419.	--
75.	S. J. Kokate, H. R. Aher and S. R. Kuchekar	Extraction Chromatographic Separation Study of Palladium (II) with N-n-octylaniline.	Journal of Bulgarian Chemical Society, 2009, 41(3), 272	International	2009	0324-1130	0.320
76.	S. J. Kokate, H. R. Aher and S. R. Kuchekar	Reversed Phase Extraction Chromatographic Separation of Trivalent Iridium using Liquid Anion Exchanger.	Analytical Chemistry An Indian Journal, 2009,8(4) 557	National	2009	0974-7419.	--
77.	S. J. Kokate, U.M.Talekar, H. R. Aher and S. R.Kuchekar	Gas Chromatographic Determination of Venlafloxin Hydrochloride from Tablet	Analytical Chemistry An Indian Journal. 2009,8(4)636	National	2009	0974-7419.	---
78.	B.H.Zaware, R.R.Mane and S.R, Kuchekar	Kinetics of Reaction of 3-Chloroacetylacetone with Thiourea	J. Chemical & Phara. Research 2009, 1(1), 276	National	2009	0975 – 7384	<i>h</i> index 22
79.	D.V.Sonavane,S.P.Lawande,V.B. Gaikwad and S.R. Kuchekar	Seasonal variation of some micronutrients in soil around kurkumbh industrial area, daund from pune district, MS	Journal of Chemical and Pharmaceutical Research, 2009,1(1),282	National	2009	0975 – 7384	<i>h</i> index 22
80.	P.N.Kamble, N.V.Apshingekar, V.B.Gaikwad and S.R.Kuchekar	Casuarina equisetifolia Bark as a Natural Ion Exchanger for Removal of Heavy Metals from Industrial Effluents.	Environmental Science An Indian Journal. 2009,4(6)512	National	2009	0976-4402	---

81.	D. V. Sonavane, S.P.Lavande V.B.Gaikwad and S.R.Kuchekar	Studies on Ground Water Quality Around Kurkumbh Industrial Area, Daund, Pune District.	Rasayan J. Chem. 2009, 2(2), 421	National	2009	0974-1496	--
82.	C. V. Wagh, S. J. Kokate, H. R. Aher and S. R. Kuchekar	Physico-Chemical Analysis of Ground Water in Pravara Area, District Ahmednagar, Maharashtra	Rasayan J. Chem., 2009, 2(1), 234	National	2009	0974-1496	--
83.	H.R.Aher and S.R.Kuchekar	Extraction Chromatographic Studies of Gallium (III), Indium (III) and Thallium (III) with n-Octylaniline.	Ind. J. Chem. Technol., 2008(15)403	International	2008	0975-0991	0.513
84.	P. N. Kamble, S. J. Kokate, H.R.Aher and S.R.Kuchekar.	Seasonal Variation in Physico-Chemical Parameters of Khadakwasala Reservoir.	Rasayan J. Chem., 2008, 1(1), 63	National	2008	0974-1496	---
85.	P. N. Kamble, H.R.Aher and S.R.Kuchekar	Physico-Chemical Characteristics of water from Khadkawasala Reservoir, Pune, Maharashtra State.	Int. J. Chem. Sci., 2008, 6(1) 325	National	2008	0972-768 X	---
86.	B. K. Uphade, S. S. Shelke and S. R. Kuchekar	Activated Charcoal Repaired from Agricultural wastes	Int. J. Chem. Sci.: 6(3), 2008, 1399-1405	National	2008	0972-768X	---
87.	Umesh Talekar and S. R. Kuchekar.	Gas Chromatographic Determination of Ambroxol Hydrochloride from Tablet.	Int. J. Chem. Sci. 2007,5(2), 937	National	2007	0972-768 X	---

88.	H. R. Aher, S. R. Phule and S. R. Kuchekar	Mutual Separation of Ga (III), In (III) and Tl (III) by Reversed Phase Paper Chromatography.	J. of Chem.& Envi. Research 2006,15(1&2), 161	National	2006	0971-2151	--
89.	H.R.Aher and S.R.Kuchekar	Reversed phase paper chromatographic studies of copper, silver and gold.	International J. Chem.2006, 4(1), 157	National	2006	1916-9698	---
90.	Ujawala Shetty, Kanchan Sonwane and S.R. Kuchekar	Use of water hyacinth for the removal of copper, zinc, iron and Manganese.	J. Annali De Chemica 2005,9-10,771	International	2005	0003-4592	0.580
91.	H.R.Aher and S.R.Kuchekar	Effect of various oxidants on threshold odor number (TON) of Untreated effluent of agro based industries.	J. of Chem.& Envi.Research 2005,14(3&4), 301	National	2005	0971-2151	--
92.	S. S. Gore, S. R. Pingale and S. R. Kuchekar	Dispersion of Lead Along Nagar Manmad State Highway.	Ind. J. of Env. And Ecoplan.2005, 10(2), 549	National	2005	0972-1215	---
93.	Manisha Dharam, S. C.Jagadale, H. R. Aher and S. R. Kuchekar	Physicochemical Characteristic of effluents of T. C. Spring at Pirngut Pune.	J. Aqua. Biol. 2005, 20(1), 39	National	2005	0035-6387	--
94.	Vaishali Wagh, G.M.Pondhe and S.R. Kuchekar	Determination of physicochemical parameters of sewage water from Loni village	Ind. J. of Env. And Ecoplan.2005, 10(2), 419	National	2005	0972-1215	---
95.	H. R. Aher and S. R. Kuchekar	Reversed Phase Extraction Chromatographic Studies of Zinc (II) Cadmium (II) and Mercury (II)	Asian J. Chem. 2004, 2,695	National	2004	0974-4169	--

96.	S. R. Kuchekar, H.R. Aher, and M. B. Chavan	Solvent Extraction of Zinc (II), Cadmium (II), Mercury (II) and Bismuth(III) from n-Octylaniline and their separation.	Ind.J. Chem. 2003, 42A, 1674	National	2003	0975-0975	0.851
97.	H.R. Aher, D. G. Zinjad, P. S. Gunjal and S. R. Kuchekar	Impact Human Activities on the Quality of water in Pravara River Basin and Pravara Left Bank Canal.	J. of Chem.& Envi. Research 2002,11(1&2), 101	National	2002	0971-2151	--
98.	H.R. Aher, D. G. Zinjad, P. S. Gunjal and S. R. Kuchekar	Studies on Ground Water Quality in Pravaranagar Area of Ahmednagar District	J. of Chem.& Envi. Research 2000, 9 (1 & 2), 159	National	2000	0971-2151	--
99.	H.R. Aher, D. G. Zinjad, P. S. Gunjal and S. R. Kuchekar	Impact of storage on Dairy Effluent.	J. Aqua. Biol. 1999,14 (1 & 2), 51	National	1999	0035-6387	--
100.	H.R. Aher, P.S.Gunjal, S. R. Kuchekar and M. B. Chavan	Solvent Extraction of Lead (II) and its separation from Bismuth (III).	Asian J. Chem. 1998, 10 (1), 43	National	1998	0974-4169	--
101.	H. R. Aher, D. G. Thorat, P.S.Gunjal and S. R. Kuchekar	Studies on Water Quality of River Godavari at Nashik, MS India D.S.Shinde,	J. Aqua. Biol. 1997,12 (1 & 2) 85	National	1997	0035-6387	--
102.	P. S. Gunjal, S. R. Kuchekar D. G. Thorat and H.R.Aher	Effect of Potassium Permanganate on Threshold Odor Number (TON) of the Untreated Effluent of Pravara Distillery & Bio-Gas Plant.	J. Aqua. Biol. 1995,10 (1 & 2), 26	National	1997	0035-6387	--

103.	P. S. Gunjal, D. G. Zinjad S. R. Kuchekar and H. R. Aher	Threshold Odor Number (TON) of untreated Effluent of Pravara Distillery, Biogas plant and Paper Mill.	Poll. Research 1993, 12 (4), 219	National	1995	0257-8050	<i>h</i> index 18
104.	K. K. Karle, S. S. Bhusal, P. S. Gunjal and S. R. Kuchekar	Studies on Ground Water Quality in Pravaranagar Area of Ahmednagar District.	Poll. Research, 1992, 11(2), 65	National	1992	0257-8050	<i>h</i> index 18
105.	S. R. Kuchekar and M. B. Chavan	Separation of Gallium, Indium and Thallium by extraction with n-Octylaniline in Chloroform.	Talanta 1988, 35, 357	International	1988	0039-9140	3.206
106.	G.N.Mulik, S. R. Kuchekar and M. B. Chavan.	Extraction of Gallium (III) and its separation from Indium (III) and Thallium (III)	J. Ind. Chem. Soc.1987, LXIV, 68	National	1987	0019-4522	0.384
107.	S.R. Kuchekar, M. A. Anuse and M. B. Chavan	1-4 Chlorophenyl 4,4,6 tryemethyl (1 H, 4 H) 2-pyrimidinethiol as an effective reagent for determination of copper after synergic extraction. Analysis of Alloys, Plant Materials and Drugs.	Ind.J.Chem. 1986, 25A, 1041	National	1986	0975-0975	0.851
108.	G. N. Mulik, S. R. Kuchekar and M. B. Chavan	Solvent Extraction of Zinc (II), Indium (III), Thallium (III) and Bismuth (III) with N-n-Octylaniline from Hydrochloric Acid Media & Their Separations	Ind. J. Chem. 1985, 25 A 1073	National	1985	0975-0975	0.851
109.	S.R. Kuchekar, M. A. Anuse, and M. B., Chavan	Pyrimidinethiol (2'-chloro PTPT) as a spectrophotometric reagent for Ru (III) Analysis of Fissium Alloy.	Acta Ciencia Indica, 1985, XI c, 198	National	1985	0253-7338	---

110.	M. A. Anuse, S.R. Kuchekar, N.A.Mote and M. B.Chavan.	Extractive photometric determination of gold (III) with 1-(2'4'6-trimethyl) Pyrimidinethiol in presence of tri- iso-octylamine	Talanta 1985, 32,1008	International	1985	0039-9140	3.206
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h) Detail about Research Guide and Detail of Students registered awarded M.Phil / Ph.D.

	Name of University Recognition	Name of Students Registered	Year of registration	Name of Students Awarded	Year of award
M. Phil.	Madhurai Kamraj University	Mr.B.K.Uphade,	2007	Mr.B.K.Uphade,	2009
		Miss C.V.Wagh,	2007	Miss C.V.Wagh,	2009
		Mr.R.B.Gaikar,	2007	Mr.R.B.Gaikar,	2009
	Savitribai Phule	Miss Priti M. Dhage,	2015	Miss Priti M. Dhage,	2017
		Miss D. D. Agarkar,	2015	Miss D. D. Agarkar,	2021
Ph. D.	Savitribai Phule Pune University Pune	Mr. H.R.Aher,	2005	Mr. H.R.Aher,	2008
		Mr. S. J. Kokate,	2007	Mr. S. J. Kokate,	2010
		Mr. M.L. Kundlik,	2009	Mr. M.L. Kundlik,	2012
		Mr. P. N. Kamble, <i>(Collaboration with Lund's University Sweden)</i>	2008	Mr. P. N. Kamble,	2012
		Mr. R. Phule,	2009	Mr. R. Phule,	2013
		Mr. Y. S. Shelar,	2009	Mr. Y. S. Shelar,	2014
		Mr. D. V. Sonawane,	2008	Mr. D. V. Sonawane,	2015
		Mr. R. M. Naval,	2009	Mr. R. M. Naval,	2016
		Mr. S. D. Pulate,	2014	Mr. S. D. Pulate,	2018
		Mr. S. D. Bhumkar,	2016	Mr. S. D. Bhumkar,	2020
		Miss M. P. Patil,	2015	Miss M. P. Patil	2021
		Mr. A. G. Gadhave(<i>Co-Guidance</i>)		Mr. A. G. Gadhave,	2013

i) Detail about Guidance to Students worked under Project

	Name of Project	Number of Students guided	Level achieved
Project	Extraction Chromatographic Separation of Platinum Group Metals From Real Samples With N-n-Octylaniline.	01	Ph. D. Degree awarded with 06 International Publications

j) **Research Articles Published in Seminar/Conference / Symposia in International / National / State / University**

Sr.No	Name of Seminar/Conference and Place	Title of Article
1.	The International Conference on Pure and Applied Chemistry (ICPAC-2010) held at Mauritius, 26/07/2010 to 30/07/2010	Reversed phase extraction chromatographic separation of trivalent bismuth using liquid anion exchanger DOI 10.1007/978-90-481-8650-1 13, © Springer Science Page,209-217,2012
2.	19th International Conference on Chemical and Process Engineering held at Bali, Indonesia, 23-24/10/ 2017	Removal of Vanadium from Industrial Effluents by Natural Ion Exchanger
3.	19th International Conference on Chemical and Process Engineering held at Bali, Indonesia, 23-24/10/ 2017	Solvent Extraction, Spectrophotometric Determination of Antimony(III) from Real Samples and Synthetic Mixtures Using <i>O</i> -Methylphenyl Thiourea as a Sensitive Reagent

k) **Number of Seminar/ Conferences/ Workshops / Symposia attained as Coordinator / Chairman / Resource person/Judge**

Sr. No.	Title	Level	Place	Date
1.	National Seminar on Advances in Analytical Techniques	National Resource person	Shri Chhatrapati Shivaji College, Shrigonda	16-17.02.2018
2.	Two days State Level Conference on Recent Approches in Environmental Protection and Sustainable Development	State Level Resource person	Hon. Balasaheb Jadhav A. C. S. College Ale	19-20. 01.2018
3.	State Level Seminar on New Recent Trends in Analytical and Bioanalytical Chemistry	State Level Resource person	S. S. G. M. College, Kopergaon	22.12.2017
4.	National Seminar on Emerging Trends in Chemical Sciences	National Resource person	P. V. P. College, Pravaranagar, Loni	20-21.01.2017
5.	National Seminar on Recent Trends in Green Chemistry	National Resource person	Jijamata College of Science and Arts Bhende	12-13/01/2016
6.	Advances in Research Methodology in Higher Education	National Chair Person	A.C. S. College, Satral	22-23/01.2016
7.	International Conference on Engineering and Technology, Higher Education Forum	International Chair Person	Bangkok, Thailand,	27-29/06/2015

8.	UGC Sponsored Refresher Course in Chemistry organised by Department of Chemistry, Shivaji University, Kolhapur,	National Resource person	Shivaji University Kolhapur, Department of Chemistry	19.11.2015
9.	Delivered Lecture as a Resource person in UGC Pondered Refresher Course, Shivaji University Kolhapur	National Resource person	S. U. Kolhapur	19/11/2015
10.	Delivered Lecture as a Resource person in National Conference on "Material Advances for Better Future"	National Resource person	Jijamata College of Science and Arts Bhende	16-17/01/2015
11.	Delivered Lecture as a Resource person at State Level Seminar on Recent Trends in Synthetic Organic Chemistry"	State Resource person	A.S.C.College, Rahuri	23-24/12/2014
12.	Delivered Lecture as a Resource person at National Conference on "Participation of Students and Institutions of Higher Education in Environment Conservation: Innovations and approaches	National Resource person	A.S.C.College, Rahuri	17-19/07/2014
13.	Delivered Lecture as a Resource person at state level Seminar on "upcoming Trends in Sciences"	State Resource person	A.C.S. & Computer College, Ashvi	11/02/2014
14.	Delivered Lecture as a Resource person at State level Seminar on "Advances in Separation Technology"	State Resource person	Shree Dhokeshwar College, Takali Dhokeshwar	16-17/01/2014
15.	Special Winter Program in Chemistry, Department of Chemistry, Shivaji University, Kolhapur	National Resource person	Department of Chemistry, Shivaji University Kolhapur	15-16/11/2013
16.	National Seminar on Various Approaches of Drug Design and Drug Discovery	National Resource person	Pravara Rural College of Pharmacy, Loni	08-09/02/2013
17.	National Seminar on Various Approaches of Drug Design and Drug Discovery	National Chair person	Pravara Rural College of Pharmacy, Loni	08-09/02/2013
18.	National Seminar on Recent Trends in Analytical Chemistry	National Resou. person	Department of Chemistry A. C. S. College, Satral	28-30/01/2012
19.	Delivered Lecture as a Resource person at State level Seminar on " Applications of Spectroscopy in Chemistry"	State Resource person	Radhabai Kale Mahila Mahavidyalay, Ahmednagar	02-03/02/2012
20.	National Seminar on "Recent Advances in Synthetic	National Chair Person	Department of Chemistry, Shivaji	21-22/01/2012

	Chemistry and Nanomaterials"		University Kolhapur	
21.	Delivered Lecture as a Resource person at State level Seminar on "Recent Development of Analysis, Developing for Pharmaceutical Drug"	State Resource person	A.C.S.College, Satral	31/12/10- 01/01/2011
22.	4th Refresher Course in Chemistry of Academic Staff College, Pune at K.T.H.M.College, Nashik	National Resource person	K.T.H.M.College, Nashik	05/03/2010
23.	Anishkar 2010, BCUD, University of Pune	Judge	Pravara Rural College of Pharmacy, Loni	04-05/12/2010
24.	Seminar on Role of Chemistry in Rural Development	State Resource person	Balvant College, Vita, Dist. Sangali	23-24/11/2009

l) Number of Seminar/ Conferences/ Workshops / Symposia attained and presented papers:

Sr. No.	Title	Level	Place	Date
1.	International Conference on Chemical and Process Engineering ICCPE-2017	International	Bali ,Indonesia <i>Best Presentation Award</i>	23-24/09/2017
2.	International Conference on Chemical and Process Engineering ICCPE-2017	International	Bali ,Indonesia	23-24/09/2017
3.	International Conference on Chemical and Process Engineering ICCPE-2017	International	Bali ,Indonesia	23-24/09/2017
4.	Advances in Research Methodology in Higher Education	National	A.C. S. College Satral Dist.Ahmednagar	22-23/01/2016
5.	National Workshop on Advances of Research Methodology in Higher Education	National	A.C. S. College Satral Dist.Ahmednagar	22-23/01/2016
6.	Natioanl Seminar on Green Chemistry Education for Sustainable Future of Humanity	National	A.C. S. College Satral Dist.Ahmednagar	23-24/12/2016
7.	International Conference on Engineering and Technology, Higher Education Forum	International	Bangkok, Thailand	27-29/06/2015
8.	Regional Research Conference, Innovation – 2015	University	BCUD, S. P. Pune University Sangamner	04-05/07/2015

9.	Workshop on Review of Progress in Nanoscience	State	UGC Sponcered New Arts, Comm. & Science College, Ahmednagar	14-15/02/2015
10.	National Seminar on Emerging Trends in Chemical Sciences	National	P.V.P.College, Pravaranagar	21-22/01/2015
11.	National Conference on Material Advances for better Future	National	Jijamata College of Science and Arts, Bhende	16-17/01/2015
12.	UGC-SAP-DRS-II Sonsered National Symposium on " Current Trends in Chemical and Nano Science	National	Shivaji University Kolhapur	17-18/01/2014
13.	Innovation -2014 Regional Research Conference	University	Baburaoji Gholap College, Sangavi, Pune	19/04/2014
14.	Teachers Advance Program	State	P.V.P.College, Pravaranagar	16-18/06/2014
15.	National Conference on Current Research in Chemical Sciences	National	Dept. of Chemistry, Shivaji University Kolhapur	22-23/01/2013
16.	31 st Annual Conference of Indian Council of Chemists	National	Department of Chemistry, Saurashtra University Rajkot	26-28/12/2012
17.	Symposium on Advances in Synthetic Methodologies and New Materials	National	Department of Chemistry, Shivaji University Kolhapur	21-22/01/2011
18.	The International Conference on Pure and Applied Chemistry (ICPAC-2010) held at Mauritius from 26th to 30th July 2010	International 1 Oral & 2 Poster Presentations	Mauritius	26-30/07/2010
19.	55 th International Conference on Analytical Sciences and Spectroscopy" Held at Queens University Kingston, Ontario, Canada on 9 th to 12 th August 2009	International 1 Oral & 2 Poster Presentations	Department of Chemistry, Queens University, Kingston, Canada	09-12/08/2009
20.	Indian Science Congress Association ISCA 2009, Shillong	National 2 Papers	North-East Hills University, Shilong	03-07/01/2009
21.	National Seminar on Advanced Synthetic Methodologies and Functional Materials	National	Department of Chemistry, Shivaji University Kolhapur	24-25/12/2009
22.	Innovation 2009-10 Regional Conference	University	K. T. H. M. College, Nashik	24-25/11/2009

23.	International conference on nanomaterials and applications (ICNAMA-2008) Kolhapur	International	Department of Chemistry, Shivaji University Kolhapur	09-11/12/2008
24.	National Seminar on Progressive journey of Drug from Mind to Market	National	P. V. P. College, Pravaranagar	18-20/12/2008
25.	Singapore International Chemistry Conference 5, 17-19 December 2007,	International	Singapore International Convention Center Singapore	16-19/12/2007
26.	The Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy” Which was Held at CHICAGO, Illinois, USA. 25 th Feb.2007 to 2 nd March 2007.	International	International Convention Center, Illinois, Chicago, USA	25/02-02/03/2007
27.	Annual Conference of Indian Council of Chemists	National	Birla College, of A, S. and C. Kalyan	27-29/12/2006
28.	93 rd Indian Science Congress Association ISCA 2006	National 2 Papers	Acharya N. G. Ranga University, Hyderabad	03-07/01/2006
29.	23 rd Conference of Indian Council of Chemists ICC-2004	National	K. C. College, Churchgate, Mumbai	29-31/10/2004
30.	22 nd Conference of Indian Council of Chemists ICC-2003	National	Indian Institute of Technology Roorkee	17-19/10/2003
31.	21 st Conference of Indian Council of Chemists ICC-2002	National	Rani Durgavati University, Jabalpur	24-16/10/2002

m) Details of participation in Organization of Seminar/Conference/workshop /Symposia in International / National / State / University

Organization of Seminars/Workshops:

Sr. No	Name of Seminar/ Workshop	Funding Agency	Year
1	National Seminar on "Recent Trends in Analytical Chemistry", 30-31, August	UGC	2014
2	National Seminar on "Emerging Trends in Chemical Sciences" 20-21, January	UGC	2017
3	Two days state level seminar on "Health and nutritional status of women"6-7 Feb.	BOD S. P. Pune University, Pune	2018
4	One day state level seminar on "Rural women entrepreneurship and challenges" on 5th Jan.	BOD S. P. Pune University, Pune	2018

5	One Day Workshop on “Sensitization of Women Emancipation” on 24 th Feb.	Rajya Mahila Ayog Mumbai	2018
6	Two Days State Level Workshop on “ Stress Management in administrative staff’ 4 - 5 Jan.	BOD S. P. Pune University, Pune	2019
7	Two days workshop on Disaster Management,27-28 Feb.	BOD S. P. Pune University, Pune	2019

Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant

Sr. No	Name of Award	Awarding Agency	Year
1	Junior Research Fellowship	UGC	1983
2	Senior Research Fellowship	UGC	1785
3	Visiting Professorship with Research	Hanyang University, Seoul, South Korea	2011
4	Visiting Researcher. In frame work of Research Excellence Program USC-INDIA (PEIN)	Worked as visiting University of Santiago de Compostela Spain	2013
5	Chair person of Session	The International Research Conference on Engineering and Technology” IRCET-2015"	2015
6	Best Presentation Award	"19th International Conference on Chemical and Process Engineering to be held in Bali,"	2017
7	Chair person of Session	International Conference on Polymerization Catalysis and Flexible Polymer" Dubai, UAE	2018
8	Best Principal	Dyanjyoti Bahu Udyeshiy Sanstha NCO	2023

n) Collaborations and Linkage International / National / Any other

	International	National	State	University	Dist	College
Collaboration	02	--	--	00	--	--
Linkage	01	--	--	01	--	04

o) Various Committees as LIC, subject experts, by University or other Govt

Sr.No	Name of Committee	Place	Duration
1.	Food Science Expert in CAS- 6 th Pay Band	Radhabai Kale College Ahemednagar	21.04.2018
2.	Ph. D. Pre Synopsis Presentation- Environmental Science	KTHM College, Nashik	29.03.2018
3.	UGC Faculty Improvement Programme Selection Committee	New Arts, Commerce and Science College, Parner	05.04.2018
4.	LIC Examination Center	Dada Patil Shelke , Arts and Science College AdinathNagar	06.05.2014

p) Various Committees as Board of Studies / Faculty member/ Dean by University / other Govt / Non-Govt. bodies

No	Name of Committee	Place	Duration
1.	Faculty member	Savitribai Phule Pune University Pune	From 01.04.2019- 31.07.2022
2.	Research and Recognition	Savitribai Phule Pune University Pune	From 01.05.2019- 31.04.2021
3.	Ad-hoc Board of studies Home Science [Chairman]	Savitribai Phule Pune University Pune	From 22.04,2019- 21.04.2021
4.	Ad-hoc Board of studies Home Science	Shivaji University, Kolhapur	From 08.01.2019-07.01.2021
5.	Unfair means Committee	Savitribai Phule Pune University Pune	From 14.07.2017-14.09.2021
6.	Ad-hoc Vocational Board of Studies	Savitribai Phule Pune University Pune	From 18.05.2016-2017
7.	Ad-hoc Board of Industrial Chemistry	Shivaji University, Kolhapur	From 26.07.2011 Two Years
8.	Ad-hoc Board of Environmental Studies	Swami Ramanad Tirth Marathwada University, Nanded	From 16.06.2005 Two Years
9.	Ad-hoc Board of Environmental Science	Pune University	From 11.08.2001 Two Years

q) Linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

- **Title of the linkage:** College, University, Industrial and International Linkages
- Name of the partnering institution/ industry /research lab with contact details:
 - K. T. H. M. College, Nashik,
 - New Arts, Comm. & Science College, Ahmednagar
 - P. V. P. College, Pravaranagar
 - Shivaji University, Kolhapur
 - Atherve Arrow Industry, Nashik
 - Prof. Sung-Hwan Han, Department Chemistry, Hanyang University, Seoul, Korea 133-791
 - Prof Ponnadurai Ramasami, Computational Chemistry Group Department of Chemistry, Faculty of Science, University of Mauritius

r) Innovative Teaching methods used, use of ICT, e-learning resources, etc.

Methods	Details
Innovative Teaching methods	Chalk & dustier and models
ICT	Power point presentation
e-learning resources	Inflibnet and Google Search

s) Internal Evaluation of students

Method of evaluation	Process adopted	Frequency / year / subject
Internal Test	Internal Test	Twice in year/for every year
Seminars	Seminars	Twice in year/for every year
Tutorial	Tutorial	4 times in year/for every year
Oral	Oral	Twice in year/for every year
Group Discussion	Group Discussion	Twice in year/for every year

t) Any other special activity :

Teaching Experience: Under Graduate: **36** Years Post-Graduate: **35** Years
 Experience as Head: Head, P. G. Department of Environmental Science [2001-2009]
 Head, Department of Chemistry [2012 to 30.09.2017]
 Recognition: Ph. D. Chemistry & Environmental Science; S. P. Pune University, Till 31.05.2022
 Research Experience: 26 Years
 Research Projects Completed: **Major: 2 UGC & Minor 4 UGC**
Ph. D. Students Supervised: 12; M. Phil. Awarded: 05
 International Collaborative Research: **03 [Seoul, South Korea, Spain & Mauritius]**