

Personal Profile



Name	Dr. Shashikant Raghunath Kuchekar
Name of Department	Food Science
Date Of Birth	01/06/1960
Date Of Appointment	26.09.2017
P.G. Teacher Recognition	PG. Teacher and Ph. D. Guide, S. P. Pune University
Teaching Experience	31 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
SET / NET / GATE / CSIR				
B.Ed. / M.Ed. /M.P.Ed / M. Lib				
MS-CIT / Tally				
M. Phil.				
Ph.D.	1987	--		Shivaji University, Kolhapur
Other				

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	
M Phil.	--	--	--	--

c) 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 during the last five years

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	7,44,000=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

d) 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

e) Research Papers Published:

Total Impact Factor	53.218
Total Citation	429
H – index	11
I 10 -index	16
Scopus H – index	08

- *h-index SCOPUS* **08**
- *h-index Google Scholar* **11**
- *i10 index* **: 16**
- *Google Scholar Citations* **: 429**
- *RG Score* **: 23.33**

f) 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	S. R. Kuchekar, P.M. Dhage, V. B. Gaikwad, H.R.Aher S. H. Han	Biosynthesis and Characterization of Nickel Nanoparticle using Ocimum Sanctum(Tulsi) Leaf Extract	Chemical Science Transactions	National	<i>Under Review</i>	2278-3318	0.980
2	S. R. Kuchekar S. D. Pulate, H.R. Aher, V. B. Gaikwad and S. H. Han	Solvent Extraction, Spectrophotometric Determination of Bismuth(III) from Environmental Samples using O-methylphenyl Thiourea as an Novel Reagent to the	Journal of Trace Element Analysis	Internati onal	<i>Under Review</i>	2163-0038	-----
3	S. R. Kuchekar, S. D. Bhumkar, H. R. Aher, P. Ramasami	Solvent Extraction and Spectrophotometri c Determination of Palladium(II) Using P-Methylphenyl Thiourea as a Complexing Agent	World Academy of Science, Engineering and Technology: Special Journal Issue	Internati onal	<i>Under Review</i>	201037 6X, 201037 78	h-Index 66
4	S. R. Kuchekar S. D. Pulate, H.R. Aher, V. B. Gaikwad and S. H. Han	Solvent Extraction, Spectrophotometri c Determination of Copper (II) from Environmental Samples using O-methylphenyl Thiourea as a Novel Reagent	Iran. Chem. Communi.	Internati onal	<i>Submitte d after second Review</i>	2423-4958	-----

5	S. R. Kuchekar, P. M. Dhage and S. H. Han	Removal of Molybdenum(VI) using <i>Tamarindous Indica</i> seeds as a natural Ion exchanger	Ind. J. Chem. Technol.	National	<i>Under Review</i>	0975-0991	0.513
6	S. R. Kuchekar, P. M. Dhage H. R. Aher and S. H. Han	Green synthesis of cobalt nanoparticles, its characterization and antimicrobial activities	International Journal of Chemical and Physical Sciences	National	2018,7,190-198	2319-6602	3.42
7	S. R. Kuchekar M. P. Patil, V. B. Gaikwad and S. H. Han	Tridax Procumben Leaf Extract Mediated Green Synthesis of Iron Oxide Nanoparticles: Spectroscopic and Microscopic Studies	International Journal of Chemical and Physical Sciences	National	2018,7,99-204	2319-6602	3.42
8	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	2018,7,165-169.	2319-6602	3.42
9	D. V. Sonawane, M. D. Sangale, D. N. Gaikwad	Persistence of Organic Pollutants in Ground Water Around Kurkumbh Industrial Area	Int. J. of Scientific Res. In Sc. And Tecnol. , (3)9,2017,51-58	National	2017	2395-602x	6.39

	and S. R. Kuchekar	(Daund) from Pune District(MS) India					
10	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	-----
11	S. R. Kuchekar, S. D. Pulate, V. B. Gaikwad, P. M. Dighe, P. Ramasami	Solvent Extraction, Spectrophotometric Determination of Selenium(IV) at Microgram Level using <i>o</i> -Methylphenyl Thiourea as Sensitive Reagent: Analysis-----	World J. of Phar. & Pharmaceutical Sciences, 6(4), 1664-1685	International	2017,	2278-4357	0.987
12	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
13	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
14	Y.S. Shelar , S.R. Kuchekar ,	Extraction spectrophotometric determination of rhodium(III) with	Journal of Saudi Chemical Society 19,	International	2015	1319-6103	2.523

	S.H. Han	o-methylphenyl thiourea	616–627				
15	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
16	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
17	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
18	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
19	S. R. Kuchekar, P. L.	Extraction Chromatographic studies of	Intr. J. of Curr. Res.in Chem. &	International	2015	2348-5213	1.54

	Harale, R. M. Naval and B. H. Zaware	thallium(III) with N-n-ocylaniline	Phar. Sci21(1),59-64				
20	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	Internati onal	2015	0376-4699	0.387
21	P. N. Kamble, V. B. Gaikwad, S. R. Kuchekar and Erland Bååth	Microbial growth, biomass, community structure and nutrient limitation in high pH soils from Pravaranagar (India)	European J. of Soil Science, 65,87-95	Internati onal	2014	1365-2389	2.387
22	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	Internati onal	2014	0975-0991	0.513
23	B. H. Zaware and S, R. Kuchekar	Kinetic study of formation of thiazole by cyclisation	Bul. Chem. Communicati ons, 46(1), 180-183	Internati onal	2014	0324-1130	0.320
24	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	Internati onal	2014	1943-5193.	0.787.
25	S. R. Kuchekar, S. D. Pulate, Y. S. Shelar and S. H.	Spectrophotometri c study of interaction of o-methylphenyl thiourea with Iridium(III) and development of	Ind. J. Chem. Technol.21 (2),120-126	Internati onal	2014	0975-0991	0.580

	Han	precise determination method from hydrochloric acid media.					
26	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
27	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
28	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
29	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
30	S. R.	Development of a	Spectro	International	2013	1386-	2.353

	Kuchekar, Y. S. Shelar, H. R. Aher and S. H. Han	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	Chimica Acta Part A, Molecular and Biomolecular Spectroscopy , 2013, 106, 1-11	onal		1425	
31	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	Brazilian Journal of Anal. Chem. 2013,10,421-428.	Internati onal	2013	0103-5053.	1.129
32	Gadhawe, 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	Internati onal	2013	2090-9071	0.772
33	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(III) and alloys with N-n-octylaniline coated on silica gel.	Bulgarian Chemical Communications,2013,45(2),1-6.	Internati onal	2013	0324-1130	0.320
34	S.R. Phule, H.R. Aher, S. H. Han	Extraction chromatographic study of aluminium(III) and mutual separation	Chinese Journal of Chromatogra phy, 2012,	Internati onal	2012	1872-2040	1.382

	and S.R. Kuchekar	of aluminium(III), gallium(III), indium(III) and thallium(III) with N-n-octylaniline	30(9),931-937.				
35	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	Internati onal	2012	0975-0991	0.580
36	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	Internati onal	2012	0324-1130	0.320
37	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	Internati onal	2012	0021-9665	1.218
38	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. Available online http://www.u	Internati onal	2011	---	---

			<i>rpjournals.com 2011</i>				
39	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
40	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
41	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
42	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
43	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 Chimica Sinica, 2011,2(6), 281-287	International	2011	0976-8505	0.386

44	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
45	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	---
46	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
47	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
48	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	---

49	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
50	P.N.Kamble, S.J.Kokate, H.R.Aher V.B.Gaikwad 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	---
51	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	---
52	D.V.Sonavane, S.P.Lawande, V. B.Gaikwad 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	---
53	R. B. Gaikar , B. K. Uphade, A.G. Gadhave 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	09741496	--
54	M.L.Kundalic, S.V.Kambli, V.R. Shaha, Y.K. Patel, S.G	Quantification of Quetiapine in Human Plasma by LC-MS/MS	Chromatographia, 2009, 70, 1587.	International	2009	1612-1112	1.411

	upta,R.Sharma,B.H.Zaware and S.R.Kuchekar						
55	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
56	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.	--
57	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
58	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.	--
59	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.	---

60	B.H.Zaware, R.R.Mane and S.R.Kuchekar	Kinetics of Reaction of 3- Chloroacetylaceto ne with Thiourea	J. Chemical & Phara. Research 2009, 1(1), 276	National	2009	0975 – 7384	<i>h</i> index 22
61	D.V.Sonavane,S.P.L awande,V. B.Gaikaw ad and S.R.Kuchekar	Seasonal variation of some micronutrients in soil around kurkumbh industrial area, daund from pune district, MS	Journal of Chemical and Pharmaceutic al Research, 2009,1(1),28 2	National	2009	0975 – 7384	<i>h</i> index 22
62	P.N.Kamb le, N.V.Apshi ngekar, V.B.Gaika wad and S.R.Kuchekar	Casuarina equisetifola Bark as a Natural Ion Exchanger for Removal of Heavy Metals from Industrial Effluents.	Environment al Science An Indian Journal. 2009,4(6)512	National	2009	0976- 4402	---
63	D. V. Sonavane, S.P.Lavan de V.B.Gaika wad 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	0974149 6	--
64	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	0974149 6	--
65	H.R.Aher and	Extraction Chromatographic	Ind. J. Chem. Technol.,	Internati	2008	0975-	0.513

	S.R.Kuchekar	Studies of Gallium (III), Indium (III) and Thallium (III) with n-Octylaniline.	2008(15)403	onal		0991	
66	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	09741496	---
67	P. N. Kamble, H.R.Aher and S.R.Kuchekar	Physico-Chemical Characteristics of water from Khadkawasala Reservoir, Pune, Maharastra State.	Int. J. Chem. Sci., 2008 6(1) 325	National	2008	0972-768 X	---
68	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	---
69	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	--
70	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	---
71	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	Internati onal	2005	0003-4592	0.580

72	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	--
73	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	---
74	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	--
75	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	---
76	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	--
77	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
78	H.R. Aher, D. G.	Impact Human Activities on the	J. of Chem.& Envi.	National	2002	0971-2151	--

	Zinjad, P. S. Gunjal and S. R. Kuchekar	Quality of water in Pravara River Basin and Pravara Left Bank Canal.	Research 2002,11(1&2), 101				
79	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	--
80	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	--
81	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	--
82	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	--
83	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	--
84	P. S. Gunjal, D. G. Zinjad	Threshold Odor Number (TON) of untreated Effluent	Poll. Research 1993, 12 (4),	National	1995	0257-8050	<i>h</i> index 18

	S. R. Kuchekar and H. R. Aher	of Pravara Distillery, Biogas plant and Paper Mill.	219				
85	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
86	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
87	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
88	S.R. Kuchekar, M. A. Anuse and M. B. Chavan	1-4 Chlorophenyl 4,4,6 trimethyl (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
89	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

90	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	-----
91	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) (1H-4H) Pyrimidinethiol in presence of tri-iso- octylamine	Talanta 1985, 32,1008	Internati onal	1985	0039-9140	3.206

g) Research **Articles Published** in Seminar/Conference / Symposia in International / National/ State / University (**Conference Proceedings**)

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, 26/072010 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

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, Madhurai	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 Pune University Pune	Miss Priti M. Dhage,	2015	Miss Priti M. Dhage,	2017
		Miss A. S. Vikhe,	2015	--	
		Miss D. D. Agarkar,	2015	--	
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,	<i>Thesis Submitted May, 2018</i>
		Mr. A. G. Gadhave(<i>Co-Guidance</i>)		Mr. A. G. Gadhave,	2013
		Miss C. V. Wagh,	2014	--	--
		Miss M. P. Patil,,	2015	--	--
		Mr. S. D. Bhumkar,	2016	--	--
		Miss B. V. Sane,	2016	--	--

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) 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	State Resource person	A.S.C.College, Rahuri	23-24/12/2014

	Trends in Synthetic Organic Chemistry"			
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 Resource 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 Chemistry and Nanomaterials"	National Chair Person	Department of Chemistry, Shivaji University Kolhapur	21-22/01/2012
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

k) 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

- l) Details of participation in **Organization** of Seminar/Conference/workshop /Symposia in International / National / State / University

Sr.No	Name of the Seminar /Conference	Dates and Duration	Nature of work done
1.	BUD Sponsored State level Seminar on Rural Women Entrepreneurship: Issues and Challenges	5 th Jan., 2018 One Day	<i>Conveyer</i>
2.	BUD Sponsored Two Days State level Seminar Health and Nutritional Status of Women	6 th -7 th Feb. 2018 Two Day	<i>Conveyer</i>
3.	Maharashtra State Commission for Women, Mumbai Sponsored One Day State Level Workshop on "Sensitization of Women Emancipation"	Feb. 24, 2018 One Day	<i>Conveyer</i>
4.	UGC Sponsored National Seminar on Emerging Trends in Chemical Sciences	20-21.01.2017 Two Days	<i>Organizing Secretary & Editor</i>
5.	UGC Sponsored National Seminar on Recent Trends in Analytical Chemistry	30-31.08.2014 Two Days	<i>Organizing Secretary & Editor</i>

- m) Collaborations and Linkage International / National / Any other

	International	National	State	University	Dist	College
Collaboration	03	--	--	01	--	04
Linkage	--	--	--	--	--	--

- n) Patents received

Type of Patent		Number and date
National/ International/ Commercialized	Applied	00
	Granted	00

- o) **Research and Extension activities** awards / recognitions received by faculty and research fellows of the institute in the last five years

	International	National	State	University	Dist	College
Award	01					
Recognition	--					
Fellowship	01	01				
other	--					

- p) 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

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

Sr. No	Name of Committee	Place	Duration
1.	Unfair means Committee	Savitribai Phule Pune University Pune	From 14.07.2017
2.	Ad-hoc Vocational Board of Studies	Savitribai Phule Pune University Pune	From 18.05.2016
3.	Ad-hoc Board of Industrial Chemistry	Shivaji University, Kolhapur	From 26.07.2011 <i>Two Years</i>
4.	Ad-hoc Board of Environmental Studies	Swami Ramanad Tirth Marathwada University, Nanded	From 16.06.2005 <i>Two Years</i>
5.	Ad-hoc Board of Environmental Science	Pune University	From 11.08.2001 <i>Two Years</i>

r) Extension activities in the neighborhood community in terms of impact and sensitizing students to Skill development, social issues and holistic development during the last five years

Extension Activity	Nature of work carried	Beneficiary
Soft-Skill development	--	--
Social issues	--	--
Holistic development	--	--

s) Number of awards and recognition received for extension activities from Government /recognized bodies during the last five years

	International	National	State	University	Dist	College
Award	--	--	--	--	--	
Recognition	--	--	--	--	--	
other	--	--	--	--	--	

t) Extension and outreach programs conducted in collaboration with industry, community and Non- Government Organizations (NGO) through NSS /NCC /Red Cross /YRC etc., during the last five years

- Name and number of the extension and outreach programs: *NSS Camp at Maparwadi*
- Name of the collaborating agency: Non- government, industry, community with contact details: *Sarpanch, Gram Panchayat Loni, Mrs. Manisha Haribhau Aher, At/Po. Loni(Kd), Tal Rahata, Dist Ahmednagar*
- Year of the Activity : *2018*

- u) Participation in extension activities with Government Organizations, Non-Government Organizations and programs such as Swachh Bharat, AIDS Awareness, Gender Issue, etc. during the last five years
- Name of the activity: Swachh Bharat
 - Name of the scheme : Swachh Bharat Abhiyan
 - Year of the activity : 2018
 - Number of teachers participating in such activities
 - Number of students participating in such activities
- v) Linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years
- Title of the linkage
 - Name of the partnering institution/ industry /research lab with contact details
 - Year of commencement
 - Duration (From-To)
 - Nature of linkage
- w) Functional MoUs with institutions of National, International importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)
- Organization with which MoU is signed
 - Name of the institution/ industry/ corporate house
 - Year of signing MoU
 - Duration
 - List the actual activities under each MoU
 - Number of students/teachers participated under MoUs
- x) 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

- y) 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

z) Yearwise Result of subject taught

Year	Subject Taught UG		Subject Taught PG	
	Subject	% Result	Subject	% Result
2017-18	Human Nutrition		--	--
2016-17	Analytical Chemistry	100	Pharmaceutical Analysis	100
2015-16	Analytical Chemistry	93	Pharmaceutical Analysis	100

aa) List of books in personal library

Sr. No.	Title of Book	Author
1	Analytical Chemistry 5 th Edition	G. D. Christian
2	Vogel's Text Book of Quantitative Chemical Analysis 6 th Edition	Revised by J. Mendham, R. C. Denney, J. D. Barnes & M. Thomas
3	Environmental Chemistry	B. K. Sharma
4	Basic Concepts of Analytical Chemistry	S. M. Khopkar
5	Instrumental Methods of Chemical Analysis	Willard, Merritt, Dean, settle
7	Pharmacopoeia of India 2007	Government Publication
8	The penguin Dictionary of Chemistry	D. W. A. Sharp
9	Remington's Pharmaceutical Sciences 18 th Edition	Mack Publishing Company
10	Organometallic Chemistry Second Edition, Oxford University Press	Garry O. Spessars & Gary L. Miessler
11	Chemistry Education in th ICT Age	Springer
12	Instrumental Methods of Chemical Analysis	Chatwal & Anand
13	Engineering Chemistry, Theory and Practice	J. N. Gurtu & Naveen Singhal
14	Theory and Practice of Industrial Pharmacy, 2 nd Edition	Leon Lachman, Herbert, Joseph
15	Concise Inorganic Chemistry 5 th Edition	J. D. Lee
16	Fundamentals of Analytical Chemistry 6 th Edition	Skoog, West, Holler
17	Environmental Chemistry 7 th Edition	A.K. De
18	Concise Coordination Chemistry	R. Gopalan, V. Ramligan
19	Vogels Text Book of Quantitative Chemical Analysis	Revised by G. H. Jeffery, U. Bassett, J. Mendham, R. C. Denney
20	Instrumental methods of chemical analysis	Dr. B. K Sharma
21	A Text book of Quantitative Inorganic Analysis, 3 rd Edition 2973	A.I. Vogel
22	Spectrophotometric Determination of Elements	Zygmunt Marczenko

23	Colorimetric Determination of Trace Metals	E.B.Sandell
24	Biochemical Methods	S.Sadasivam and A.Manickam
25	Basic Analytical Toxicology	R.J.Flanagan, R.A.Braithwait, S.S.Brown, B.Widdop, F.A.de Wolff
26	Handbook Good Laboratory Practices (GLP)	Dr.Deboraah Kioy (Coordinator)
27	Chemical Laboratory Safety and Security	Lisa Moran and Tina Masciangioli (Editors)

bb) List of Journals / periodicals subscribed

Sr. No.	Title	Duration
1	Indian Journal of Chemical Technology	2013-2016
2	Indian Journal of Chemistry A	2013-2016

cc) Use of college library / n-list resource in average days per year : 35 days/year

dd) Any other special activity :