



Dr. Sudarshan Jagdish Kokate (M.Sc, Ph.D)
Assistant Professor
A/P-Somthane Tal-Sinnar, Dist-Nashik
MS, India. Pin: 422103
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Academic Qualification:

- **Ph.D. (Analytical Chemistry):** 2010 awarded 19/11/2010 on the topic
“Reversed Phase Chromatographic Separation of Precious Metals with N-n-octylaniline”
University of Pune, Pune-411 007, India
- **M.Sc. (Analytical Chemistry):** 68.8% (First Class), June 2007
University of Pune, Pune-411 007, India
- **B.Sc. (Chemistry):** 78% (First Class with Distinction), June 2005
University of Pune, Pune-411 007, India
- Working As **Assistant Professor** in Chemistry at MVPS's, KBTCOE Nashik (Ref. No. CCO/666 Full time w.e.f. 02/08/2014 approved from SPPU-Pune.
- Past Experience as Assistant Professor in chemistry at Late. G. N. Sapkal, College of Engineering Anjaneri Nashik. (Ref.No.CCO/1817, Lecturer (Full Time) w.e.f. 22/08/2011 approved from Pune University). (17/01/2011 to 01/08/2014)

Awards:

- **Project Fellow:** (UGC-New Delhi) M.R.P. April 2007 to March 2010.

Publications: Paper Published International/ National Journals:

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.S.Gaikwad, R.P.Patil, G.R.Jadhav, S.J.Kokate , A.V.Borhade, V.B.Gaikwad	Synthesis and Characterization of CaGeO ₃ Nanoparticles by Ecofriendly Method	International Journal of Chemical and Physical Sciences	International	2018	2319-6602	--
2	S.J. Kokate	Reversed Phase Extraction Chromatographic Separation of Platinum (IV) with High Molecular Mass Liquid Anion Exchanger on Silica gel	Columbia International Publishing Journal of Trace Element Analysis (2017) Vol. 5 No. 1 pp. 1-9	International	2017	2163-0038	--
3	S. J. Kokate S.R.Kuchekar	Reverse phase extraction chromatography of rhodium(III) with N-n-octylaniline	Bulgarian Chemical Communications, Volume 45, Number 1 (pp. 37 – 42) 2013	International	2013	0324 - 1130	0.349
4	S. J. Kokate , H. R. Aher, S. H. Han, S. R. Kuchekar	Reversed phase extraction chromatographic separation of osmium(VIII) with N-n-octylaniline	Indian journal of chemical technology, (2012), 19(4), 239-243	International	2012	0975-0991	0.580
5	S.R.Phule, S.J. Kokate 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
6	S. J. Kokate , H. R. Aher S. R.Kuchekar	Separation of gold(III) from ayurvedic medicines and	Bulgarian Chemical Communications, 2011	International	2011	0324 - 1130	0.320

		alloys by extraction chromatography	,43(3), 406 - 410				
7	S. J. Kokate S. R. Kuchekar	Reversed Phase Extraction Chromatographic Separation of Ruthenium(III)	J. Saudi. Chem. Soc., 2010, 41, 14	International	2010	1319-6103	1.288
8	A. A. Gavande, V. K. Vikhe, S. J. Kokate , H. R. Aher 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
9	S. J. Kokate , Y. S. Shelar, H. R. Aher S. R. Kuchekar	Liquid-liquid Extraction and Recovery of Bismuth(III) from Hydrochloric Acid Media using octylaniline in Chloroform	Bulgarian Chem. Communication, 2010, 42(2), 107.	International	2010	0324-1130	0.320
10	S. J. Kokate , H. R. Aher 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
11	S. J. Kokate , H. R. Aher S. R. Kuchekar	Extraction Chromatographic Separation Study of Palladium (II) with N-n-octylaniline.	Bulgarian Chemical Society, 2009, 41(3), 272	International	2009	0324-1130	0.320
12	S. J. Kokate S. S. Gaikwad V. B. Gaikwad S. R. Kuchekar	Reversed phase extraction chromatographic separation of gold(III) with high molecular	Int. J. Curr. Res. Chem. Pharm. Sci. (2017). 4(7): 23-27	National	2017	p-ISSN: 2348-5213: e-ISSN: 2348-5221)	--

		mass liquid anion exchanger on silica gel					
13	S. J. Kokate, Y. C. Admane, T. L. Tambe	Extraction Chromatography and its Analytical Applications	Analytical Chemistry an Indian Journal, 2011, 10(8), 487-494	National	2011	0974-7419.	--
14	B. P. More, M. K. Malve, S. S. Gaikwad, S. J. Kokate	Particulate Matter Count Studies for Identification of Duplicate Foreign Liquor Samples	International Journal of Chromatographic Science, 2011, 1(2), 7-12 Available online http://www.urpjournals.com 2011	National	2011	--	--
15	V. R. Rathi, S. J. Kokate, S. D. Nirmal	Corrosion Study Rebars in Reinforced Concrete Structure by Open Circuit Potential Method	Journal of Chemical and Pharmaceutical Research, 2(2) (2010) 209-212.	National	2010	0975-7384	--
16	V. R. Rathi, S. J. Kokate, S. D. Nirmal,	Corrosion Study of Mild Steel, Tor Steel and CRS Steel by Weight Loss Method	Journal of Chemical and Pharmaceutical Research, 2(2) (2010) 97-100.	National	2010	0975-7384	--
17	S. S. Gaikwad, S. S. Shinde, R. D. Nikam, S. J. Kokate, S. C. Pal, V. B. Gaikwad	Isolation of Triterpenoids from the leaf of Avicennia Marina.	Analytical Chemistry an Indian Journal, 9(2) (2010) 225-227.	National	2010	0974-7419.	--
18	P.N. Kamble, S.J. Kokate, H.R. Aher V.B. Gaikwad 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	--
19	U. Talekar, S. J. Kokate, S. R. Kuchekar	Gas Chromatographic Determination	Analytical Chemistry An Indian	National	2009	0974-7419.	--

		of Celecoxib from Pharmaceutical Formulation.	Journal, 2009, 8(3), 368				
20	S. J. Kokate, H. R. Aher 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.	--
21	S. J. Kokate, U.M.Talekar, H. R. Aher S. R. Kuchekar	Gas Chromatographic Determination of Venlafaxin Hydrochloride from Table	Analytical Chemistry An Indian Journal. 2009,8(4)636	National	2009	0974-7419.	--
22	C. V. Wagh, S. J. Kokate, H. R. Aher S. R. Kuchekar	Physico-Chemical Analysis of Ground Water in Pravara Area, District Ahmednagar, Maharashtra	Rasayan J. Chem., 2009, 2(1), 234	National	2009	09741496	--
23	P. N. Kamble, S. J. Kokate, H.R.Aher S.R.Kuchekar	Seasonal Variation in Physico Chemical Parameters of Khadakwasala Reservoir.	Rasayan J. Chem.,2008 , 1(1), 63	National	2008	09741496	--

PAPERS PRESENTED: International/ National Conferences

1. Extraction chromatographic separation of Gold and Platinum with High Molecular Weight Liquid Anion Exchanger. **S. J. Kokate**, Regional research conference “Innovation-2017”-SPPU-Pune 15/11/2017 (Oral Presentation).
2. Reversed phase extraction chromatographic separation of Molybdenum. **S. J. Kokate**, Paper presented at International Conference on Advances on Functional Materials (ICAFM-2018) at KTHM college Nashik 12/01/2018 to 13/01/2018. (Poster presentation).
3. Extraction chromatographic separation of trivalent iridium using liquid anion exchanger. **S. J. Kokate**, S. R. Phule, H. R. Aher, S. R. Kuchekar, 28th Annual conference Indian council of chemists-Hemchandracharya North Gujarat University-Patan 7-10 November 2009 (Oral presentation).
4. Reversed phase extraction chromatographic separation of ruthenium(III). **S. J. Kokate**, H. R. Aher, S. R. Kuchekar, Paper presented at International conference on Nanomaterials and Applications-Shivaji University, Kolhapur 8-11 December 2008 (Poster presentation).
5. Gas chromatographic determination of venlafaxine hydrochloride from tablet. **S. J. Kokate**, U. M. Talekar, H. R. Aher, S. R. Kuchekar, Paper presented at 97th Indian science congress-University Kerala- Thiruvananthapuram, 3-7 January 2010 (Poster presentation).
6. Reversed phase paper chromatographic studies of zinc, cadmium and mercury. **S. J. Kokate**, H. R. Aher, S. R. Kuchekar. Paper presented at 96th Indian science congress-North Eastern Hill University-Shillong 3-7 January, 2009 (Poster presentation).

Research Project (Minor):

Sr. No	Name of Principal Investigator	Title of the Project	Amount sanctioned (Rs.)	Funding Agency	Duration	Status (Ongoing / Completed)
1	Dr. S. J. Kokate	Extraction Chromatographic Separation of Gold and Platinum with High Molecular Weight Liquid Anion Exchanger.	1,90,000/-	BCUD, SPPU,Pune	2016 - 2019	Completed

FDP-Attended / MOOC Courses Certification Completed:

1. Completed AICTE Training And Learning (ATAL) Academy Online FDP on "Leadership & Excellence" 14/09/2020 to 18/09/2020.
2. Completed AICTE Training And Learning (ATAL) Academy Online FDP on "Blended Learning and Flipped Classroom" from 24/08/2020 to 28/08/2020.
3. Completed NIITTR-Bhopal Sponsored and AICTE Approved "Training of Trainers (ToT) for Teachers (Under TLC Project)" 16/12/2020 to 20/12/2020.
4. Completed NIITTR-Bhopal Sponsored and AICTE Approved FDP "Fundamental of Outcome based Curriculum in Engineering Education" 22/05/2019.
5. Completed AICTE Approved Faculty Development Program for Student Induction (FDP-SI)- 9/08/2019 to 11/08/2019.
6. Completed NPTEL-AICTE approved Faculty Development Programme Accreditation and Outcome Based learning 01/08/2019 to 31/10/2019.
7. Completed ICT Academy Sponsored FDP "Emotional Intelligence" 28/09/2018 to 29/09/2018.

8. Completed an AICTE approved FDP101x on Foundation Program in ICT for Education”
13/09/2018 to 18/10/2018.
9. Completed an AICTE approved FDP201x on Pedagogy for online and Blender Teaching-Learning Process 30/10/2018 to 13/12/2018.
10. NPTEL Online Certification 12 week Course completed on “Analytical Chemistry” July – Oct 2018.
11. Online Coursera Course Completed on topic “Writing Professional Emails and Memos (Project Centered Course). 05/05/2020 to 05/06/2020.
12. Online Coursera Course Completed on topic “Presentation Skills: Public speaking Project”.
01/05/2020 to 31/05/2020.
13. Online Coursera Course Completed on topic “Gmail the Foundation to Accessing Google App”.
16/05/2020 to 30/05/2020.
14. Online Coursera Course Completed on topic “Spreadsheet for Beginner Using Google Sheet”.
12/04/2020 to 16/05/2020.
15. Online Coursera Course Completed on topic “Speak English Professionally in Person, Online and on the Phone”. 12/04/2020 to 16 16/05/2020.
16. AICTE approved online workshop completed on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 23-27, July 2020

SYMPOSIUM/WORKSHOP ATTENDED:

1. Participated and Attended National Level Conference on New Organo-Analytical Techniques in Pharma Industries at K. T. H. M College Nashik in 2006.
2. Participated and Attended National level Conference on Progressive Journey of Drug from Mind to Market at P. V. P. College Pravaranagar in 2008.

3. Participated and Attended National level Seminar Recent Trends in Analytical Chemistry at R. B. N. B. College, Shrirampur 2009.
4. Participated and attended National level seminar Inspire at LGNSCOE-Nashik 2012
5. Participated and attended Revision of syllabus in Eng-chemistry at D. Y. Patil college of Engineering, Akurdi, Pune 2012.
6. Participated and attended SPPU Sponsored ‘Faculty Orientation workshop on Engineering Chemistry at AISSMS 29/07/ 2019.
7. Participated and attended AISSMS College Sponsored Faculty Guidance Seminar on “Project Based Learning” on 24/01/2020.

COMPLETED TRAINING COURSE

1. NMR Spectroscopy for Pharma and Biotech Research, IIT-Bombay 2018.
2. Analytical Instruments Techniques, USIC, Shivaji university Kolhapure, 2009
3. Analysis by Gas Chromatography, A. T. I. Institute Mumbai, 2006.

Computer Skills:

- Familiar with Chemistry software’s such as **ChemSketch, Chemdraw, ISIS Draw**, etc.
- Good knowledge of Internet surfing.

Scientific Skills:

- Familiar with analytical tools such as GC, HPLC, AAS and UV-VIS Spectrophotometer.
- Scaling-up of reactions from milligrams to grams scale.
- Ability to work independently as well as in groups.
- Familiar with all types of commonly used computer software.
- Skilled in Research paper writing.

Research and Teaching Experience:

- 10.0 Year Teaching Experience. 3 years Research Experience.

Field of Research Interest:

Separation Science, Solvent extraction, Extraction chromatography. Development of new methods for preconcentration, separation and determination of Nobel metals, base metals is an important issue to develop low cost processes and methodologies using extraction chromatography and spectrophotometric techniques. Corrosion, environmental chemistry, purity and assay of pharmaceutical tablets using G.C.

Personal Information:

Nationality : Indian.
Marital Status : Married.
Sex : Male.
Languages Known : English, Hindi and Marathi.
Date of Birth : 27th April 1984.

References:

1) Prof. S. R. Kuchekar

Principal, Women's College of Home Science and BCA Loni Maharashtra, India

2) Dr. V. B. Gaikwad

Principal, K.T.H.M. College, Gangapur road, Nashik 422002, Maharashtra, India

I, hereby declare that all the information given above is true and correct as per best of my knowledge and belief.

Thanking you

Sincerely yours
Dr. Kokate. S. J.