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Publication Information for Five year 2015-16 to 2019-20

1. List of Chapters/Books published

Sr. No.	Name of the teacher	Title of the book/chapters published	Year of publication	ISBN/ISSN number of the proceeding	Affiliating institute at the time of publication	Name of the publisher
1.	Mr. Dabhade D. D., Dr. Gaikar R. B.	Natural Resource management and sustainable development	2020	2348-7143	Arts, Commerce, Science and computer science college, Ashvi Kd	Prashant Publication, Jalgaon

2. Details of Research Publications in Journals

<u>Sr. No.</u>	<u>Title of paper</u>	<u>Name of the author/s</u>	<u>Title of journal (Vol., page no.)</u>	<u>Level (Nat./Int.nat.)</u>	<u>Year of Publication</u>	<u>Impact Factor</u>	<u>ISBN/ISSN No</u>
1.	Separation of Platinum(IV) from Pharmaceuticals using P-Methylphenyl Thiourea by Solvent Extraction: Separation from Palladium(II), Nickel (II)	S R Kuchekar, S D Bhumkar , H R Aher, Sung H Han	Analytical Chemistry Letters	International	2020	--	2229-7928
2.	Solvent Extraxtion and spectrophotometric determination and separation of Ruthenium (III) with P-methylphenyl thiourea: sequential separation of ruthenium, osmium and iron	S R Kuchekar, S D Bhumkar , H R Aher, P Ramasami	Separation Science and Technology	International	2019	1.18	0149-63-95
3.	Solvent Extraxtion and spectrophotometric determination Iridium (III) using P-methylphenyl thiourea as a chelating agent: Sequential Separation of Iridium (III), Ruthenium (III) and Platinum (III)	S R Kuchekar, S D Bhumkar , H R Aher, Sung H Han	Journal of Materials and Environmental Sciences, 10, 12, 1200-1213	International	2019	0.18	2028-2508
4.	Solvent Extraxtion and spectrophotometric determination and separation of Palladium (III) with P-methylphenyl thiourea: as a complexing agent	S R Kuchekar, S D Bhumkar , H R Aher, B H ZawarePRamasami	International Journal Chemical Molecular Engineering, 13,10, 491-497	International	2019	--	1307-6892
5.	Extractive Spectrophotometric determination of Osmium (VIII) using p-methylphenlthiourea as a Chromogenic reagent : mutual separation of palladium, osmium and platinum	S R Kuchekar, S D Bhumkar , H R Aher	Journal of materials and Environmental Science, 10, 4, 316	International	2019	--	2028-2508

6.	Solvent Extraxtion, spectrophotometric determination and separation of Rhodium (III) from synthetic alloy samples using P-methylphenyl thiourea	S R Kuchekar, S D Bhumkar , H R Aher, P Ramasami	International Journal of Research and Analytical Reviews, 6, 2, 418	International	2019		2348-1269
7.	Separation of Platinum(IV) from Pharmaceuticals using P-methylphenyl thiourea by Solvent Extraction: Separation from Palladium(II), Nickel(II)	S R Kuchekar, S D Bhumkar , H R Aher, Sung H Han	Analytical Chemistry Letters	International	2019	--	2230-7532
8.	Pharmacophore Mapping Approach for Drug Target Identification: A Chemical Synthesis and insilico study on novel thiadiazole compounds	Rajendra B. Gaikar , Rohan Meshram, Rajesh Gacche, Vijay Baladhe, B.K. Karale	Journal of Clinical and Diagnostic Research, 11(5)	International	2017	-	2761-9925
9.	Removal of Copper (II) from aqueous solution by modified agricultural waste materials	Rajendra B. Gaikar , B.K. Uphade, Anil G. Gadhave	Asian Journal of Research in Chemistry	International	2016	-	
10.	Synthesis and antimicrobial evaluations of some novel fluorinated chromones and pyrazoles	Rajendra B. Gaikar , Anil G. Gadhave, Pratik Vikhe, B. K. Karale	Indian Journal of Chemistry, vol. 54 B, pp. 383-390.	International	2015	0.9	0975-0983
11.	Extraction and purification of C-phycocyanin from dry Spirulina and evaluating its antioxidant, anticoagulation and prevention of DNA damage activity	Rajendra B. Gaikar , Anil G. Gadhave, Pratik Vikhe, B. K. Karale	<i>Journal of Applied pharmaceutical Science</i> , 3(8), 149-153.	International	2014	--	2231-3354
12.	In vitro effect of <i>G. glabra</i> and <i>T. Cordifolia</i> plant extracts on phagocytosis by human neutrophils	Rajendra B. Gaikar , Ganesh Vikhe, Pratik Vikhe, Sujay Naik and Asmita Gavhane	<i>Pravara Medical Review</i> 5(2),	National	2013	-	0975-0533
13.	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.	Rajendra B. Gaikar , Anil G. Gadhave, Pratik Vikhe, B. K. Karale	Journal of Heterocyclic Chemistry, Volume 51, Number 6, 1 pp. 1849-1855 (7)	International	2014	1.2	0971-1627

14.	Inhibition of spleen tyrosine kinase (Syk) <i>insilico</i> by thiazole derivatives.	Rajendra B. Gaikar , Anil G. Gadhave, Pratik Vikhe, B. K. Karale	<i>Int Res J Pharm</i> ,4(1), pp.241-246	International	2013	0.9	2230-8407
15.	Computational evaluation of spiroisoxazolines as inhibitor of AChE, <i>Int Res J Pharm</i> , 3(7), 152-156.	Rajendra B. Gaikar , Anil G. Gadhave, Pratik Vikhe, B. K. Karale	<i>Int Res J Pharm</i> , 3(7), pp.152-156	International	2012	0.7	2230-8407
16.	Conventional & non conventional synthesis of biological active novelpyrimidine and its molecular descriptor study	Rajendra B. Gaikar , Anil G. Gadhave, Pratik Vikhe, B. K. Karale	<i>Indian Journal of Heterocyclic Chemistry</i> , 22, pp.53-60	International	2012	0.46	0971-1627
17.	Extraction and purification of C-phycocyanin from dry Spirulina and evaluating its antioxidant, anticoagulation and prevention of DNA damage activity	Rajendra B. Gaikar Suresh P. Kamble , Padaliya	<i>Journal of Applied pharmaceutical Science</i> , 3(8), pp.149-153.	International	2012	--	2231-3354
18.	Synthesis of fluorinated chromones	Rajendra B. Gaikar , Anil G. Gadhave, Pratik Vikhe, B. K. Karale	<i>Indian journal of Heterocyclic Chemistry</i> , 20, pp.385-388.	International	2011	0.46	0971-1627
19.	Molecular properties and docking studies on chromonepyrazolones as potential inhibitors of p38 MAP kinase,	Rajendra B. Gaikar , Pratik Vikhe, B. K. Karale	<i>Int J Pharm PharmSci</i> , 3(5), pp. 325-328	International	2011	0.5	0975 - 1491
20.	Synthesis and antimicrobial screening of 2-(1-(2, 4-difluorophenyl)-1H-pyrazol-4-Yl)benzo[d]oxazole”	Rajendra B. Gaikar , Anil G. Gadhave, B. K. Karale	<i>Indian journal of Heterocyclic Chemistry</i> , 20, pp.221-225	International	2011	0.4	0971-1627
21.	Effect of dairy effluent on seed germination and early seedling growth of soyabeans	Rajendra B. Gaikar , Anil G. Gadhave, B.K. Uphade, S.R. Kuchekar	<i>Rasayan Journal of chemistry</i> , 3(1), pp. 137-139.	International	2010	0.49	0974-1496

22.	Synthesis of some biologically active pyrazolones	Rajendra B. Gaikar , Anil G. Gadhave B. K. Karale	<i>Indian journal of Heterocyclic Chemistry</i> , 19, pp.325-328	International	2010	0.4	0971-1627
23.	Sequence Analysis and Homology Modeling of laccase from <i>Pycnoporus cinnabarinus</i>	Rajendra B. Gaikar , Rohanmeshram, Asmita Gavhane.	<i>Bioinformation</i> , 5(4), pp. 150-154.	International	2010	0.9	0973-2063
24.	To study some sonicator Assisted Electrophilic Substitution Reactions by Sonification with Green Approach	Talekar Y.R. Phatangare N.D. Deshmukh K.K.	Applied Research And Development Institute Journal	International	2013	81-86	2249-8346

3. Details of Research Published in Proceeding

<u>Sr. No.</u>	<u>Title of paper in Seminar/ Conference</u>	<u>Name of the author/s</u>	<u>Title of Conference/Seminar</u>	<u>Level (Nat./Int.nat.)</u>	<u>Year of publication</u>	<u>Page no.</u>	<u>Organizer College/ Institute</u>	<u>ISBN/ ISSN No</u>
1.	<i>Occimum</i> leaf extract mediated green synthesis of silver nanoparticles and its antibacterial and antifungal activity	R.B.Gaikar, Suresh P.Kamble	Emerging in Chemical Sciences	National	20-21 st Jan .2017	110	P.V.P.CollegePrava ranagar	-
2.	Methods for Determination of Lead (II): A Review	Mr S. D. Bhumkar, R. B. Gaikar, M. M. Patel, S. R. Kuchekar	National Seminar on Natural Resource Management and Sustainable Development	National	2020	80	Arts, Commerce, Science and computer science college, Ashvi Kd	2348-7143
3.	Study The Various Biological Activities of Congress Grass PartheniumHysterop horus L.	Dr R. B. Gaikar, Mr S. D. Bhumkar, M. M. Patel, K. B. Thosar	National Seminar on Natural Resource Management and Sustainable Development	National	2020	61	Arts, Commerce, Science and computer science college, Ashvi Kd	2348-7143
4.	Application of sugarcane dry leaves for production of paper and pulp	Mr M M Patel, S. D. Bhukmar, S. M. Patel	National Seminar on Natural Resource Management and Sustainable	National	2020	79	Arts, Commerce, Science and computer science college, Ashvi Kd	2348-7143

			Development					
5.	Green product preparation of Briquettes from soybean straw	Mr M M Patel	National Seminar on Green Technology for Sustainable Development	National	2020	87	Arts, Commerce, Science college, Kolhar	2348-7143
6.	A Study on antifungal action of <i>Catharanthus Roseus L.</i> by disc diffusion method by using different solvents as well as fungi.	Ms Y R Talekar, P. N. Khaladkar, V. S. Gaikar, B. B. Anarthe, A. B. Gholap	National Seminar on Natural Resource Management and Sustainable Development	National	2020	95	Arts, Commerce, Science and computer science college, Ashvi Kd	2348-7143
7.	Antimicrobial activity of <i>Azadirachta indica L.</i> (Neem) against pathogenic fungi	Ms P N Khaladkar, Ms Y R Talekar, V. S. Gaikar, B. B. Anarthe	National Seminar on Natural Resource Management and Sustainable Development	National	2020	112	Arts, Commerce, Science and computer science college, Ashvi Kd	2348-7143
8.	Synthesis and anti-inflammatory activity study of some Morpholinopyrazole link 3-cyano-pyridine	R.B.Gaikar , A.G.Gadhave , B.K. Karale	Interface between colleges and Industry with reference to synthetic organic Chemistry and Spectroscopy	National	15-16 th Jan .2016	48	RBNB College Shirampur	978-81-932117-4-8
9.	A Spectrophotometric chemosensor for <i>copper II Based N-phenyl -N- Pyridin-</i>	S.D.Bhumkar , Y. R. Sadaphal, S .S. Gholap	Emerging in Chemical Sciences	National	20-21 st Aug .2015	55	P.V.P.CollegePrava ranagar	978-93-84648-58-9

	<i>2-yl Thiourea</i>							
10.	Effect of Allium Sativum and plumbagorosea on the elimination of antibiotic resistance in multi drug resistant organisms	R.B.Gaikar, S.N.Jangle, V.C.Kaladhar	Emerging in Chemical Sciences	National	20-21 st Aug .2015	42	P.V.P.CollegePrava ranagar	978-93-84648-58-9
11.	Synthesis of 2,5 DisubstitutedThiadiazole derivatives and Pharmaccophore mapping approach for target identification : Molecular docking and molecular hydrophobic potential Analysis	R.B.Gaikar, A.G.Gadhave , B.K. Karale	Emerging in Chemical Sciences	National	20-21 st Aug .2015	33	P.V.P.CollegePrava ranagar	978-93-84648-58-9
12.	Ultra sound induced and silica –TFA catalysed protocol for Synthesis of Beta amino ketone via mannich reaction	R.B.Gaikar, A.G.Gadhave , K.R.Kadam	Emerging in Chemical Sciences	National	20-21 st Aug .2015	79	P.V.P.CollegePrava ranagar	978-93-84648-58-9
13.	Synthesis of novel 2,5 disubstituted1,3,4 Thiadiazole	R.B.Gaikar,	Resent trends and Challenges in Science	International	20-22 nd Aug .2014	79	P.V.P.CollegePrava ranagar	-

	derivatives and approach for target identification : Molecular Docking and Molecular Hydrophobic Potential Analysis		and technology					
14.	Synthesis of biological active novel pyrimidine derivatives and its Antimicrobial activity	R.B.Gaikar, B.K.Karale	Biologically active molecules	International	2012	457-459	Gandhigram Rural Institute (DU), Dindigul, Tamilnadu	93-82062-03-3
15.	Computational appraisal of Strylchromone derivatives as Selective Estrogen Receptor Modulators	R.B.Gaikar, Pratik Vikhe, B.K.Karale	Biologically active molecules	International	2012	309-313	Gandhigram Rural Institute (DU), Dindigul, Tamilnadu	93-82062-03-3
16.	In vitro Antioxidant and antiperoxidative activity of Glycerrhyzaglabra and Tinosporacordifolia plant extract	R.B.Gaikar, Ganesh vikhe, Pratik Vikhe	Biologically active molecules	International	2012	45-48	Gandhigram Rural Institute (DU), Dindigul, Tamilnadu	93-82062-03-3
17.	Study of congo red dye decolorization by	R.B.Gaikar, Anand Gupta,	Biologically active	International	2012	146-	Gandhigram Rural Institute (DU),	93-82062-

	using PycnoporousscinnabarinusLaccase and Laccase mediator System	MukeshPatidar	molecules			148	Dindigul, Tamilnadu	03-3
18.	Synthesis and antimicrobial screening of 2-(1-(2,4-difluorophenyl)-1H-pyrazol-4yl)benzo[d]oxazole.	R.B.Gaikar, B.K.Karale	Application of Chemical Research in Pharmaceutics	National	2011	48	A.S.C. College, Rahata	-
19.	Effect of <i>Allium Sativum</i> and <i>Plumbagorosea</i> on the elimination of antibiotic resistance in multidrug resistance drug	R.B.Gaikar, Anand Gupta, Mukesh	Application of Chemical Research in Pharmaceutics	National	2011	64	A.S.C. College Rahata	-
20.	Microwave-assisted solvent free synthesis of 3-((E)-2-(benzo[d]isoxazol-3-yl) vinyl)-4H-chromen-4-one	R.B.Gaikar, B.K.Karale	Rescent Development in Pharmacological Research	International	03-05 th Mar. 2010	81	Pravara Rural College of pharmacy, Loni	-
21.	Conventional and non conventional synthesis of some biologically active	R.B.Gaikar, B.K.Karale	Indian Science Congress	International	2010		Indian Science Congress ThiruvanathpuramK	-

	Pyrazolones						erala	
22.	Extraction and purification of active ingredient in lemon grass	R.B.Gaikar, Ketkikant	Progressive journey of Drug from Mind to Market	National	18-20 Dec. 2008	29	P.V.P.CollegePravaranagar	-
23.	Effect of dairy effluent on seed germination.	R.B.Gaikar,	‘Chemstorm’	National	31 st March 2009		Pravara Rural Engineering College, Loni	-
24.	To study some sonicator Assisted Electrophilic Substitution Reactions by Sonification with Green Approach	Talekar Y.R.	Applied Research And Development Institute Journal	International	01” Feb. 2013	81- 86	S.N. Art’s D. J. M. commerce and B.N. S. Science College, Sangamner Maharashtra India	2249- 8346