

RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS

(From 01/05/2016 to 31/04/2017)

Department : Chemistry

S.No	Title of Research Paper	Authors	Name of the Journal	Vol. No.	Year	Page No.	ISSN/ISBN No.	Impact factor if any	Citation	h index
Dr. G N Chaudhari										
1	Study of immobilization of urease on nano NiFe ₂ O ₄ Nanocomposites for Biosensor applications	P D Kale, A. B. Bodade and G N Chaudhari	International Journal of pharmacy and pharmaceutical Sciences	8(7)	May-16		ISSN 0975-1491			
2	Nanostructured Rutile Titanium Dioxide based platform for application to Urease Biosensor	M A Taiwade, A. B. Bodade and G N Chaudhari	Int. J. Pharm, Sci. Rev. Res.,	38(2)	Jun-16	35-41	ISSN 0976-044X			
3	Bioelectrode based Chitosan-nano copper oxide for application to lipase biosensor	M A Taiwade, A. B. Bodade and G N Chaudhari	Journal of applied pharmaceutical research	5(1)	Dec-16	30-39	ISSN 2348-0335			
4	SrCe ₂ O ₃ Nanoparticals as Electrolyte Material for proton Conducting Fuel Cell	Manish M Fukate, A. B. Bodade and G N Chaudhari	Research journal of Chemical Sciences	6 (12)	Dec-16	1--5	E-ISSN 2231-606X			
5	Electrochemical peroxidase sensor based on magnesium oxide-chitosan nanobiocomposites film	P D Kale, A. B. Bodade and G N Chaudhari	journal of biomedical and pharmaceutical research	6(1)	Feb-17	9--17	ISSN 2279-0594			
6	Synthesis Chracterization of Co-doped MnO ₂ for application to urea Biosensor	N H Bansod, A. B. Bodade and G N Chaudhari	International Journal of Engineering Science Technology And Research (IJESTR)	2(2)	Apr-17	220-224	ISSN 2456-0464			
7	Synthesis chracterization and biological evaluation of metal complexes of 2-amino acetate-6-bromo benzothiazole	N H Bansod, A. B. Bodade and G N Chaudhari, S D Patil	Indo-American Journal of Phramaceutical Sciences	4(4)	Apr-17	965-970	ISSN 2349-7750			

8	Synthesis and Characterization of Cu Doped ZnFe ₂ O ₄ Nanoparticles and Their Antibacterial activity against Human Pathogens	P. R. Padole, P. S. Thakare and G.N. Chaudhari	European Journal of Biomedical and Pharmaceutical Sciences	Volume:3 Issue: 10	Year: 2016	248-254	2349-8870	SJIF IF 4.382		
Dr R M Kedar										
9	Zeolite catalysed synthesis of 1-(4-aminophenyl)-2-phenyl-4-(4-substituted benzylidene)-5-Imidazolones	R M Kedar, S A Deshmukh	Int J pharm Bio Sci	Vol.7 Issue 3	Jul-16	181-184	ISSN 0975-6299	5.121		
10	Synthesis and antimicrobial activity of 1-(4-chlorophenyl)-2-(3-sulphoxyphenyl)-4-(4-substituted benzylidene)-5-imidazolones	R M Kedar, S A Deshmukh	Indo American Journal of Pharmaceutical Research,	Vol 7, Issue 01, .	Febury-2017	7526-7531	ISSN NO: 2231-6876			
11	Studies of acoustical parameters of N-benzothiazolyl substituted pyrazolines in DMF-water at different temperatures.	A.G. Gotmare, A.S. Burghate, S.A. Wadhal	J of Pure Appl. Ultrason.	38(2016) 80-83	2016					
12	Synthesis and antibacterial activity of N-heterocyclic substituted hydrazone schiff bases.	Rushali Kale, A.S. Burghate, S.A. Wadhal	Indo American Journal Of Pharmaceutical Research	Vol 6, Issue 10	Jul-05	2157-61	2231-6876			
13	Studies of viscosity and thermodynamic parameters of substituted benzothiazolyl derivatives in binary solvent mixture.	A.W. Wakode, A.S. Burghate, S.A. Wadhal	Rasayan J Chem	Vol 9, Issue3	2016	386-392	0976-0083	0.36SJR		
14	Studies of electric dipole moment and magnetic dipole moment of disubstituted benzothiazolyl derivatives.	A.W. Wakode, A.S. Burghate, S.A. Wadhal	Oriental J Chemistry	33(3)2016	2016		0970-020X	0.27SJR		

Dr P. R. Mandlik										
25	Synthesis Characterisation and tharmal behaviour of CO(II), NI(II), CU(II) and CR(II) complexes of Schiffs base ligand	A. P. Thakare, P. R. Mandlik	J. Bionano Frontier	10 (2)	Mar-17	110-112	ISSN:0974-0678			
26	Synthesis Characterisation tharmal and biological studies of CO(II), CU(II) and VO(IV) complexes with schiffs base derived from Benzhydrazide	P. R. Mandlik, P.K. Deshmukh	J. Bionano Frontier	10 (2)	Mar-17	106-108	ISSN:0974-0678			
Dr. A B Bodade										
17	Study of immobilization of urease on nano NiFe ₂ O ₄ Nanocomposites for Biosensor appications	P D Kale, A. B. Bodade and G N Chaudhari	International Journal of pharmacy and pharmaceutical Sciences	8(7)	May-16		ISSN 0975-1491			
18	Nanostructured Rutile Titanium Dioxide based platform for application to Urease Biosensor	M A Taiwade, A. B. Bodade and G N Chaudhari	Int. J. Pharm, Sci. Rev. Res.,	38(2)	Jun-16	35-41	ISSN 0976-044X			
19	Bioelectrode based Chitosan-nano copper oxide for application to lipase biosensor	M A Taiwade, A. B. Bodade and G N Chaudhari	Journal of applied pharmaceutical research	5(1)	Dec-16	30-39	ISSN 2348-0335			
20	Sol-gel synthesis and characterizationof nanocrystalline Co substitution on the properties of SrTio ₃ for gas sensors application	A B. Bodade, B T dhoble	Journal of chemical ,biological and physical science	vol-6 issue-3	Jul-16	1069-1080	ISSN: 2249-1929			
21	SrCe ₂ O ₃ Nanoparticals as Electrolyte Material for proton Conducting Fuel Cell	Manish M Fukate, A. B. Bodade and G N Chaudhari	Research journal of Chemical Sciences	6 (12)	Dec-16	1--5	E-ISSN 2231-606X			
22	Electrochemical peroxidase sensor based on magnesium oxide-chitosan nanobiocomposites film	P D Kale, A. B. Bodade and G N Chaudhari	Journal of biomedical and pharmaceutical research	6(1)	Feb-17	9--17	ISSN 2279-0594			

23	Synthesis Chracterization of Co-doped MnO ₂ for application to urea Biosensor	N H Bansod, A. B. Bodade and G N Chaudhari	International Journal of Engineering Science Technology And Research (IJESTR)	2(2)	Apr-17	220-224	ISSN 2456-0464			
24	Synthesis chracterization and biological evaluation of mental complexes of 2-amino acetate-6-bromo benzothiazole	N H Bansod, A. B. Bodade and G N Chaudhari, S D Patil	Indo-American Journal of Phramaceutical Sciences	4(4)	Apr-17	965-970	ISSN 2349-7750			
Mr.N.H.Bansod										
25	Synthesis, characterization and biological evaluation of complexes of 2-amino acetate 6-bromo benzothiazole	N.H.Bansod, G.N.Chaudhari, A.B.Bodade, S.D. Patil	Indo-American Journal of Phramaceutical Sciences	4(04).	Apr-17	965-970	ISSN-2349-7750	3.6		
26	Synthesis, Characterization of Co-doped MnO ₂ and application to urea biosensor	N.H.Bansod, G.N.Chaudhari, A.B.Bodade	International Journal of Engineering Science Technology And Research (IJESTR)	2	Apr-17	220 - 224	ISSN : 2456-0464	3		
Dr. P. R. Padole										
27	Synthesis and Chracterization of Cu Doped ZnFe ₂ O ₄ Nanoparticles and Their Antibacterial acitivity against Human Pathogens	P. R. Padole, P. S. Thakare and G.N. Chaudhari	European Journal of Biomedical and Pharmaceutical Sciences	Volume:3 Issue: 10	Year: 2016	248-254	2349-8870	SJIF IF 4.382		
Dr. N.R. Thakare										
28	Thermodynamic and viscometric study of Coumarin derivatives in 70% ethanol-water and dioxane-water solvent.	N.R.Thakare, Y.S. Thakare, M.M. Kodape	J.of Chemical and Pharmaceutical Research	8(11),2016,3 7-41	2016	Yes	0975-7384	0.35 SJR		
Dr. S. A. Wadhal										
29	Studies of acoustical parameters of N-benzothiazolyl substituted pyrazolines in DMF-water at different temperatures.	A.G. Gotmare, A.S. Burghate, S.A. Wadhal	J of Pure Appl. Ultrason.	38(2016) 80- 83	2016					

30	Microwave assisted improved method for synthesis Of 1-pyridine-4-yl-methanone -3,5-disubstituted pyrazolines.	Shrikant A. Wadhal	Indo American Journal Of Pharmaceutical Research	Vol 6, Issue 11	Jul-05	2157-61	2231-6876			
31	Microwave assisted improved method for synthesis Of 1-aryol -3,5-disubstituted pyrazoles.	Shrikant A. Wadhal	J.of Chemical and Pharmaceutical Research	8(11),2016,3 7-41	2016	Yes	0975-7384	0.35 SJR		
32	Synthesis and antibacterial activity of N-heterocyclic substituted hydrazone schiff bases.	Rushali Kale, A.S. Burghate, S.A. Wadhal	Indo American Journal Of Pharmaceutical Research	Vol 6, Issue 10	Jul-05	2157-61	2231-6876			
33	Studies of viscosity and thermodynamic parameters of substituted benzothiazolyl derivatives in binary solvent	A.W. Wakode, A.S. Burghate, S.A. Wadhal	Rasayan J Chem	Vol 9, Issue3	Jul-05	386-392	0976-0083	0.36SJR		
34	Microwave assisted improved method for synthesis Of 1-(2-Hydroxy Phenyl)-4-yl-methanone - 2,5-disubstituted pyrazolines	Shrikant Wadhal, Imran	Rasayan J Chem	Vol 9, Issue3	Jun-17	386-392	0976-0083	0.36SJR		
35	Synthesis of 1-(4-phenyl thiazole-2-yl)-3,5-disubstituted pyrazolines	Shrikant Wadhal, K N Wadodkar	J.of Chemical and Pharmaceutical Research	Vol 9, Issue 4	May-2017	Yes	0975-7384	0.35 SJR		
36	Studies of electric dipole moment and magnetic dipole moment of disubstituted benzothiazolyl derivatives	A.W. Wakode, A.S. Burghate, S.A. Wadhal	Oriental J Chemistry	33(3)2016	Jul-05		0970-020X	0.27SJR		
Dr. Y.S. Thakare										
37	Thermodynamic and viscometric study of Coumarin derivatives in 70% ethanol-water and dioxane-water solvent.	N.R.Thakare, Y.S. Thakare, M.M. Kodape	J.of Chemical and Pharmaceutical Research	8(11),2016,3 7-41	2016	Yes	0975-7384	0.35 SJR		