

RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS**(From 01/05/2017 to 31/04/2018)****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	Nanostructured based NiO Biosensor for the detection of Glucose	N H Bansod, G N Chaudhari and A B Bodade	European Journal of Pharmaceutical and biological Sciences	Vol 4 (12)	Nov. 2017	732-737	ISSN:2349-8870			
2	Synthesis ,Chracterization and antimicrobial activity of pure ZnO and Copper dopped nanopartical	N H Bansod, G N Chaudhari	Indo American Journal of pharmaceutical Sciences	Vol 4 (12)	Dec. 2017	4757-5763	ISSN:2349-7750			
3	Microstructural and antifungal properties of silver substituted copper ferrite nanopowder synthesised by sol-gel method	G N Chaudhari, P S Thakare, P R Padole, A B Bodade,	Indo American Journal of pharmaceutical Sciences	Vol 5 (1)	Jan.2018	52-63	ISSN:2349-7750			
4	Cost effective synthesis of spinel NiCo2O4 nanocrystal by sol-gel citrate method and its application for supercapacitor	S. J. Uke, V.P. Akhare, D.R. Bambole, A. B. Bodade, G.N. Chaudhary	International Journal of Materials Science	12	Nov. 2017	371-377	ISSN 0973-4589			

5	Recent Advancements in the Cobalt Oxides, Manganese Oxides, and Their Composite As an electrode Material for Supercapacitor: A Review	Santosh J. Uke ¹ , Vijay P. Akhare, Devidas R. Bambole ¹ , Anjali B. Bodade and Gajanan N. Chaudhari	Frontiers in material	Vol 4 (21)	Aug-17	p no. 1-6	Mini Review published: doi: 10.3389/fmats.2017.00021			
6	SYNTHESIS, MICROSTRUCTURAL AND ANTIBACTERIAL ACTIVITIES OF NANOSTRUCTURE MgFe ₂ O ₄ AGAINST DIFFERENT BACTERIAL STRAINS	G N Chaudhari, P S Thakare, P R Padole	Journal of Pharmacy and Biological Science	Vol 12 (06)	Dec.2017	77-84	ISSN:2278-3008, p-ISSN:2319-7676			
7	Characterization of Multicomponent Perovskite Oxide La _{0.8} Sr _{0.2} Co _{0.9} Fe _{0.1} O _{3-δ} Nanoparticles for Supercapacitor	G.N. Chaudhari ^{1*} , V.V. Deshmukh ¹ and D.K. Burghate	International Journal of Advanced Materials Science	Vol 8	Nov. 2017	17-31	ISSN 2231-1211			
	Nanostructured Anode Material (Ce _{0.4} Zr _{0.6}) for Low Temperature SOFC	Anjali B Bodade, Gajanan N Chaudhari, Manish M Fukate ³	International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS) ,	Volume VI, Issue VIIS	Aug-17	99-101	ISSN 2278-2540			

	Efficient Nanostructure Cathode Material for Low Temperature Solid Oxide Fuel Cells: LaSr _{0.5} Mn _{0.5} Co _{2-x} FexO _{5+δ}	M.M. Fukate*, A.B. Bodade, G.N. Chaudahr	Nano Trends: A Journal of Nanotechnology and Its Applications	Volume 19, Issue 3,	Aug-17	49-55	ISSN: 0973-418X (Online)			
8	FABRICATION OF SPHERICAL NANOCRYSTALLINE MnCo ₂ O ₄ VIA SOL- GEL CITRATE ROUTE FOR SUPERCAPACITOR APPLICATION	Santosh J Uke, Vijay P. Akhare, Satish P. Meshram, Devidas R. Bambole, Dindayal S. Thakre, Gajanan N. Chaudhari	INTERNATIONAL JOURNAL OF CURRENT ENGINEERING AND SCIENTIFIC RESEARCH (IJCESR)	VOL 5 (1)	Jan. 2018	2394-0697	ISSN 2393-8374			
Dr R M Kedar										
9	Zeolite catalysed of 1-(4-chlorophenyl)-2-(3-sulphoxyphenyl)-4-(4-substituted benzylidene)-5-imidazolones	R M Kedar, S A Deshmukh	International Journal of Researches in Biosciences Agriculture and Technology (IJBAT)	Vol 5, Special Issue 2	Jul-17	860-862	ISSN NO: 2347-517X			
10	Synthesis and antibacterial activity of 1-(4-Methyl Phenyl) - 2-(3-Bromo Phenyl)-4-(4-substituted benzylidene)-5-imidazolones	R M Kedar, S A Deshmukh	Int. Res. J. of Science & Engineering	Vol. 5 (5)	Oct. -2017	76-80	ISSN: 2322-0015			

11	Synthesis of 5-imidazolones from 2-methyl-4-(4-substituted benzylidene)-5-oxazolones.	R M Kedar, S A Deshmukh	Int. J. of Scientific Research in Science & Technology,	Vol. 4 (1)	Jan-Feb -2018	243-246	ISSN: 2395-602x			
12	Synthesis of 1,3-Dihydro-4,5-(disubstituted phenyl)-2-imidazolones.	R M Kedar, S A Deshmukh	Int. Res. J. of Science & Engineering	Vol. 5 (6)	Dec-17	109-112	ISSN: 2322-0015			
Dr A S Burghate										
13	Studies of electric dipole moment and magnetic dipole moment of disubstituted benzothiazolyl derivatives.	A.W. Wakode, A.S. Burghate, S.A. Wadhwal	Oriental J Chemistry	33(3)2016	2016		0970-020X	0.27SJR		
Dr. A B Bodade										
14	Nanostructured based NiO Biosensor for the detection of Glucose	N H Bansod, G N Chaudhari and A B Bodade	European Journal of Pharmaceutical and biological Sciences	Vol 4 (12)	Nov. 2017	732-737	ISSN:2349-8870			
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17	Recent Advancements in the Cobalt Oxides, Manganese Oxides, and Their Composite As an electrode Material for Supercapacitor: A Review	Santosh J. Uke1, Vijay P. Akhare, Devidas R. Bambole1, Anjali B. Bodade and Gajanan N.	Frontiers in material	Vol 4 (21)	Aug-17	p no. 1-6	Mini Review published: doi: 10.3389/fmats.2017.00021			
Dr P. R. Mandlik										
18	Synthesis, Spectroscopic and Thermal Studies of Fe(III) and VO(IV) Complexes of Heterocyclic Schiff Base Ligand	Thakare A P & Mandlik P R	Indian journal of advances in chemical science	5(4)	2017	318-3232	ISSN: 2320-0898			
19	Co(II), Ni(II), Cu(II) And Cr(III) Complexes of Heterocyclic Schiff Base Ligand: Synthesis, Spectroscopic And Thermal Study	Thakare A P & Mandlik P R	International Journal of advanced research and publication	1(2)	2017	01-May	ISSN: 2456-9992			
20	Synthesis and characterization of Chalcone and their Fe(III) metal complexes	Thakare AP, Dahane AS, Rathod S B and Mandlik P R	International research journal of science and engineering	A3	2018	55-60	ISSN: 2322-0015			

21	Synthesis, Spectral Characterization, Thermal and Biological Studies of Co(II), Ni(II) AND Cu(II) Complexes With 2-4-Dinitrophenylhydrazone Ligand	P. K. Deshmukh, A. P. Thakare & P. R. Mandlik	Ayushi International Interdisciplinaty Journal	25	2018	1456-1458	ISSN:2349-638			
Mr.N.H.Bansod										
22	Nanostructured based NiO Biosensor for the detection of Glucose	N H Bansod, G N Chaudhari and A B Bodade	Europian Journal of Pharmaceutical and biological Sciences	Vol 4 (12)	Nov. 2017	732-737	ISSN:2349-8870			
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26	STRUCTURAL AND BACTERIAL PROPERTIES OF NANOCRYSTALLINE NICKEL FERRITE SYNTHESIZED BY SOL-GEL METHOD	P. S. Thakare, P. R. Padole, A. B. Bodade & G. N. Chaudhari	Aayushi International Interdisciplinary Research Journal (AIIRJ)	Special Issue No. 25	Mar-18	522-527	ISSN 2349-638x	Impact Factor 4.574		
Dr. N.R. Thakare										
27	Synthesis and Characterization of Azoprazole derivatives	A.P.Thakare and N.R.Thakare	Int. Res. J. Sci. Engineering	A3	Jan-18	101-103	ISSN:2322-0015	SJF 4.11		
Dr. S. A. Wadhal										
28	Microwave assisted improved method for synthesis Of 1-(2-Hydroxy Phenyl)-4-yl-methanone 3,5-disubstitued pyrazolines.	Shrikant Wadhal, Imran	Rasayan J Chem	Vol 9, Issue3	Jun-17	386-392	0976-0083	0.36SJR		
29	Synthesi of 1-(4-phenyl thiazole-2-yl)-3,5-disubsttued pyrazolines	Shrikant Wadhal, K N Wadodkar	J.of Chemical and Pharmaceutical Research	Vol 9, Issue 4	May-2017	Yes	0975-7384	0.35 SJR		
30	Studies of electric dipole moment and magnetic dipole moment of disubstitued benzothiazolyl derivaties.	A.W. Wakode, A.S. Burghate, S.A. Wadhal	Oriental J Chemistry	33(3)2016	2016		0970-020X	0.27SJR		
Dr. Y.S. Thakare										
31	Density and Viscometric Studies of Schiffs Base Ligands at Different Temperature in Binary Mixtures	Y. S. Thakare, A.P.Thakare and C. S. Kedia	Aayushi International Interdisciplinary Research Journal (AIIRJ)	Special Issue No. 25	Mar-18	597-602	ISSN 2349-638x	Impact Factor 4.574		

total=33