

Research publications by faculty Year: 2012-2013

Sr. No.	Name of author	Title of research/review article/short communication	Name of Journal	Volume, Issue, Page Number
1.	Meghana S. Kamble*, Dr. Pravin D. Chaudhari	Formulation and Evaluation of lipid based nanoemulsion of glimepiride using self emulsifying technology	Indo American journal of Pharmaceutical Research ISSN NO. 2231-6876	2(9): 1011-1025
2.	Meghana S. Kamble*, Pravin D. Chaudhari	Pharmaceutical characterization of Ocimum tenuiflorum Linn. Seed mucilage as superdisintegrant	International journal of pharmaceutical and chemical sciences ISSN NO. 2277-5005	1(4): 1640-1645
3.	Kamble Meghana S*, Chaudhari Pravin D	Formulation and characterization of chitosan based microspheres of salbutamol sulphate dry powder inhaler formulation	Journal of drug delivery & therapeutics	2(5): 37-41
4.	Meghana S. Kamble*, Pravin D Chaudhari	Determination of floating ability of Ocimum tenuiflorum Linn. Seed mucilage isolated by defatting method	Journal of chemical & pharmaceutical research ISSN NO. 0975-7384	4(9): 4370-4372
5.	Kamble Meghana S*, Chaudhari Pravin D	Studies on isolation & evaluation of Ocimum tenuiflorum Linn. Seed mucilage	Journal of drug delivery & therapeutics	2(6): 25-28
6.	Meghana S. Kamble*, Pravin D. Chaudhari	Evaluation of binding property of Ocimum tenuiflorum Linn.	Journal of biomedical & pharmaceutical research ISSN NO. 2279-0594	1(3): 22-27

		Seed mucilage isolated by defatting method		
7.	Kishor K. Bhalerao*, Meghana S. Kamble, Pravin D. Chaudhari	A short review on stomach specific floating in situ gel	Journal of biomedical & pharmaceutical research ISSN NO. 2279-0594	1(3): 1-4
8.	Meghana S. Kamble*, Pravin D. Chaudhari	Formulation and evaluation of clindamycin HCl-Chitosan microspheres for Dry Powder Inhaler Formulation.	Drug Invention Today ISSN NO. 0975-7619	4(10): 527-530
9.	Meghana S. Kamble*, Pravin D. Chaudhari	Evaluation of Brain Targetting of Drugs After Administered Intranasally.	Journal of biomedical & pharmaceutical research ISSN NO. 2279-0594	1(3): 33-38
10.	Meghana S. Kamble*, Pravin D. Chaudhari	Solid lipid Nanoparticles & Nanostructured Lipid Carriers- An Overview	International Journal of Pharmaceutical, Chemical & Biological Sciences ISSN NO. 2249-9504	2(4): 681-691
11.	Meghana S. Kamble*, Pravin D. Chaudhari	Formulation and Evaluation of Sandwiched Osmotic Tablet System Of Theophylline	Drug Invention Today ISSN NO. 0975-7619	4(11): 585-589
12.	Pravin P. Aute*, Meghana S. Kamble, Pravin D. Chaudhari	A Comprehensive Review On Ethosomes	International Journal Of Research and Development in Pharmacy and life sciences ISSN NO. 2278-0238	2(1) : 218-224
13.	Meghana S. Kamble*, Pravin D. Chaudhari	Novel Intra-articular Injections for Osteoarthritis	American Journal of Pharmatech Research ISSN NO. 2249-3387	2(6) : 29-39
14.	Sheetal Thombre,	Study of	FS Journal of	1(4):25-30

	A. A. Phatak*, A. J. Vyas, V. B. Ugale, P. D. Chaudhari	Nanofabricated in situ nasal gel of Timolol maleate.	Pharmacy Research ISSN:2778-2818	
15.	Vinod Gaikwad*, Pravin Chaudhari	Formulation And Evaluation Of Niosomal In Situ Gel For Ophthalmic Use	American Journal Of Pharmtech Research ISSN 2249-3387	2(6): 863-882
16.	Smita Pimple	PLGA nanoparticles loaded with etoposide and quercetine dihydrate individually: in vitro cell line study to ensure advantage of combination therapy	Cancer nanotechnology:basic, translational and clinical research	-
17.	Smita Pimple	Investigation on design of stable etoposide-loaded PEG-PCL micelles:effect of molecular weight of PEG-PCL diblock copolymer on the in vitro and in vivo performance of micelles	Drug delivery	19(3): 155-167
18.	Smita S Pimple, Pravin D.Chaudhari	Development of microemulsion system for poorly water soluble drug efavirenz	International Journal of Universal Pharmacy and Life Science	2(3): 599-610
19.	Smita S Pimple, Pravin D.Chaudhari	Transdermal patch: A potential approach for pain killing	International Journal of Universal Pharmacy and Life Science	2(3): 583-598
20.	Ujwala Desai*, AA.Phatak, PD.Chaudhari	A Review : Coprocessed Excipients- An	International Journal of pharmaceutical and Chemical Sciences	1(4): 1480-1498

		Alternative to Novel Chemical Entities	ISSN NO. 2277-5005	
21.	Phatak Atul A.*, Chaudhari Praveen D,	Development and Evaluation of Nanogel as a Carrier for Transdermal Delivery of Aceclofenac	Asian Journal of Pharmaceutical Technology ISSN NO. 2231-5705	2(4): 125-132
22.	K. Pratyusha*, A.A.Phatak, P.D.Chaudhari	Review on: Waste Material Management in Pharmaceutical Industry	International Journal of Pharmaceutical Sciences Review and Research	16(2): 121-129
23.	Sudam Nagargoje*, Atul Phatak	Formulation and evaluation of ophthalmic delivery of fluconazole from ion activated in situ gelling system	Der pharmacia Lettre ISSN NO. 0975-5071	4(4): 1228-1235
24.	Shital Kalyanrao Thombre*, Atul Anand Phatak, Praveen Digambar Chaudhari	Nasal Route as a Novel Trend for Systemic Drug Delivery	Inventi Rapid: NDDS ISSN NO. 0976-3791	2012(3): 1-8
25.	Atul Phatak	Anti-bacterial Activity of Various Medicinal Plants against mixed dental flora	Research Journal of Pharmaceutical ,Biological and Chemical Sciences ISSN NO. 0975-8585	3(3): 179-182
26.	Yerande Swapnil, Amruta Gaisas	(3+2) Annulation of amidinithioureas with binucleophile: Synthesis and anti microbial activity of 3- phenylamino-5- aryl/alkyl-1,2,4- oxadiazole derivatives.	Journal of Heterocyclic Chemistry 2012	JHET-12-0361;
27.	Swapnil G. Yerande*,	Mercury (II) Chloride-Mediated	Jornal of hetrocyclic chemistry	1-5

	Chetana D Baviskar	Deslphurization Of Amidinothioureas: Synthesis And Antimicrobial Activity Of 3- Amino-1,2,4- Triazole Derivatives		
28.	Kulthe V. V*, P.D.Chaudhari	Uv Spectrometric Estimation Of Acetazolamide By Standard Calibration Curve Method And Its Validation	Indian drugs	49(7) 36-41
29.	Jadhav S.B*, P.D.Chaudhari	Validated HPTLC Method For Simultaneous Determination Of Olmesartan Medoximil And Metoprolol Succinate In Tablet Dosage Form	Indian drugs	49(10) 13-17
30.	Patil P M, Phanse M A, Gaikwad V L, P.D.Chaudhari	Direct spectrophotometric determination of metformin hydrochloride in pure and in pharmaceutical formulation	Research journal of pharmacy and technology ISSN 0974-3618	2(4)1-2
31.	Minal Harde*, Shailaja Jadhav, Praveen Chaudhari. Aishwarya Balap	Development and Validation of HPTLC method for the simultaneous estimation of Thiocolchicoside and Dexketoprofen in Bulk and Tablet Dosage form	Journal of Pharmacy Research ISSN NO. 0974-6943	5(8): 4143- 4146
32.	Saroj Gatkal*,	Safety of Herbal	International Journal	1(4): 1624-

	Pravin Chaudhari. Aishwarya Balap	Medicine: A Review	of Pharmaceutical and Chemical Sciences ISSN NO. 2277-5005	1639
33.	N. B. Tembhurkar*, V. V. Chopade, S. B. Jadhav, P. D. Chaudhari	Development and Validation of stability indicating HPLC assay method for determination of Mefloquine HCl in bulk and Pharmaceutical Formulations	Journal of pharmacy research ISSN: 0974-6943	5(9): 4929- 4933
34.	V. V. Chopade*, S. B. Jadhav, P. D. Chaudhari	Development and Validation of a stability indicating assay method for mefloquine HCl Using Different Stress Degradation Conditions	Journal of pharmacy research ISSN: 0974-6943	5(5): 2631- 2635
35.	N. B. Tembhurkar*, V. V. Chopade, S. B. Jadhav, P. D. Chaudhari	Development and Validation of a stability indicating assay method for pyrimethamine Using Different Stress Degradation Conditions	International journal of pharmaceutical sciences and research	3(8): 2763- 2768
36.	Sonali D. Rathod	Q- Absorbance Ration Spectrophotometric Method for the Simultaneous Estimation of Sitagliptin Phosphate and Simvastatin in Their Combined Dosage Form.	Asian Journal of Biochemical and Pharmaceutical Research ISSN: 2231-2560	3(2): 162-169
37.	Khose R.D*, AS	Role Of	Inventi Rapid	2012(3) 1-5

	Tapkir, AG Purohit, P.D.Chaudhari	Docosahexaenoic Acid (DHA) On Development Of Different Organs	:Molecular Pharmacology ISSN: 0976-3856	
38.	Pimple BP*	Ulcer Healing Properties Of Different Extract Of Origanum Majorana In Strpetozotocin- Nicotinamide Diabetic Rats	Asian Pacific Journal Of Topical Disease	2012(1), 1-7
39.	Pimple BP*	Antidiabetic And Antihyperlipidaemic Activity Of Luffa Acutangula Fruit Extaracts In Strpetozotocin NIDDM Rats	Asian Journal Of Pharmaceutical And Clinical Research ISSN: 0974-2441	4(2) 156-163
40.	Pimple BP*	Comparative Antihyperglycaemic And Antihyperlipidaemic Effect Of Origanum Majorana Niddm Rats	Oriental Pharmacy And Experimental Medicine Issn: 1598-2386	12:41-50
41.	Pimple BP*	Productive Effect Of Luffa Acutangula Extracts On Gastric Ulceration In NIDDM Rats: Role Of Gastric Mucosal Glycoproteins And Antioxidants	Asian Pacific Journal Of Topical Medicine	2012, 412- 420
42.	Pimple BP*	Microscopic Evaluation And Physicochemical Analysis Of Origanum Majorana Linn Leaves	Asian Pacific Journal Of Topical Disease	2012,1-6
43.	Mohini A.	In-Vivo And In-	Journal Of Applied	02(06), 19-33

	Phanase, P.D.Chaudhari	Vitro Screening Of Medicinal Plants For Their Anti- Inflammatory Activity: An Overview	Pharmaceuticalseience ISSN: 2231-3354	
44.	Mohini A. Phanase	Effect Of Thespesone- Vanadium Complex In Alloxan Induced Diabetic Rats	African Journal Of Pharmacy And Pharmacology ISSN: 1996-0816	6(10),692-967
45.	Bandawane D. D.*, Chaudhari P. D.	Study of Anti- Inflammatory activity of Cassia Auriculata Linn. Leaves in Wistar Rats	Indian Drugs	49(11): 44-47
46.	Kedar K.A., Chaudhari P. D.	Pharmacognostic, Phytochemical Evaluation and Comparative Antimicrobial Activity of Lantana camara (L) var. Aculeate (L) mold. (Verbenaceae)	Journal of Pharmacy Research ISSN NO. 0974-6943	5(8): 4125- 4126
47.	Kedar Kalyani A.	Isolation and Characterization of Triterpenoids in Cuticular wax of Leaves of Helicanthus elasticus Linn. (Loranthaceae) parasitic on Memecylon umbellatum Burm.f. (Melastomataceae)	International Journal of Drug Development & Research ISSN NO. 0975-9344	4(4): 243-251
48.	Badole S. L., Mahamuni S. P.	Cycloart-23-ene-3 β , 25-diol stimulates	European Journal of Pharmacology	698:470-479

		GLP-1 (7-36) amide secretion in streptozotocin-nicotinamide induced diabetic Sprague Dawley rats: A mechanistic approach	Elsevier Publication.	
49.	Mahamuni S. P., Khose R. D.	Therapeutic approaches to drug targets in hyperlipidemia	Biomedicine Elsevier Publication	2:137-146
50.	Pimple S.S.*, Yeole S.E., Chaudhari P.D.	A review on nanocochleate – a novel lipid based drug delivery system	Journal of Biomedical and Pharmaceutical Research ISSN: 2279-0594	2(1):01-17
51.	Shaikh K.S.*, Bodade S.S. Kamble M.S., Chaudhari P.D.	A study on ethosomes as mode for transdermal delivery of an antidiabetic drug	Drug Delivery ISSN: 1071-7544	2012:1-08
52.	Shaikh K.S.	Novel solvent-free gelucire extract of <i>Plumbago zeylanica</i> using non-everted rat-intestinal sac method for improved therapeutic efficacy of plumbagin	Journal of Pharmacological and Toxicological Methods Elsevier Publication	66(2012):35-42
53	Vikas P. Londhe*, Sonali S Nipate, Anand H. Tiwari.	Investigation of In vitro antioxidant potential of ethanolic extract of <i>Ficus racemosa</i> leaves	Journal of pharmacy research ISSN:0974-6943	5(2012):5297-5299
54	Meghana S. Kamble*, Kishor K.	A review on Nose-to-Brain drug delivery	International journal of pharmaceutical and chemical sciences	2(1):516-525

	Bhalerao, Pravin D. Chaudhari.		ISSN:2277-5005	
55	Meghana S. Kamble*, Satish D. Mendake, Pravin P. Aute, Pravin D. Chaudhari.	Evaluation of drug release retardant potential of <i>Ocimum tenuiflorum</i> Linn. Seed mucilage isolated by defatting method	International journal of pharmaceutical, chemical and biological sciences ISSN:2249-9504	3(1):68-74
56	Meghana S. Kamble*, Krunal K. Vaidya	Development and evaluation of mouth-dissolving tablet of taste- masked amlodipine besylate for the treatment of hypertension	International journal of pharmaceutical, chemical and biological sciences ISSN:2249-9504	3(1):55-62
57	Upendra C. Galgatte*, Vijay R. Jamdade, Pravin P. Aute et al	Study on requirements of bioequivalence of registration of pharmaceutical products in India, South-Africa and Australia	American journal of pharmtech research ISSN:2249-3387	3(1):289-305
58	J. M. Sonpethkar, S. S. Nipate*, P. A. Shenoy.	Evaluation of anxiolytic activity of ethanolic extract of <i>Mucuna pruriens</i> (L.) DC. Seeds in experimental animals	Journal of Pharmacy research ISSN:0974-6943	5(12):5540- 5543
59	Siddhodhan S. Bodaade, Karimunnisa S. Shaikh, Meghana S. Kambale*, Praveen D. Chaudhari.	A study on ethosomes as mode for transdermal delivery of an antidiabetic drug	Drug delivery ISSN:1071-7544	20(1):40-46

60	Atul A. Phatak et al	Development and characterization of controlled release spherical agglomerates by using the quasi-emulsion solvent diffusion method	International journal of pharmacy ISSN:2249-1848	3(1): 108-115
61	P. V. Sapkale, S. B. Jadhav*, P. N. Sable.	Protease inhibitors: a review	Indian Drugs	50 (02) : 5-19
62	S. L. Badole, Pranita Bagul, Rekha Khose, Anuja Joshi et al.	Oral L-Glutamine increases active GLP-1 (7-36) amide secretion and improves glycemic control in streptozotocin-nicotinamide induced diabetic rats.	Chemico-Biological Interactions Elsevier	203 (2013) 530-541

Total Publications: 62

Research Publication by faculty Year: 2013-2014

Sr. No.	Name of Authors	Title of Research/review article/short communication	Name of Journal	Volume, Issue, Page number
1	Sachin L. Badole, Swapnil Chaudhari, Pranita P. Bagul, Sagar P. Mahamuni, Rekha D. Khose, Anuja C. Joshi.	Effect of Concomitant Administration of L-Glutamine and Cycloart-23-ene-3 β ,25-diol with Sitagliptin in GLP-1Amide secretion, Biochemical and oxidative stress in Streptozotocin-Nicotinamide induced Diabetic Sprague Dawley Rats	PLOS ONE	August-2013 Volume 8, Issue 8, e 72817
2	U.C.Galgatte,Su nil S. Khanchadani, Yu vraj G. Jadhav , P. D. Chaudhari	Investigation of different polymers, Plasticizers and Superdisintegrating Agents Alone in Combination for use in the formulaton of fast dissolving oral films	International Journal of Pharm Tech Research ISSN:0974-4304	Vol.- 5,no.4, pp1465- 1472 Oct-Dec 2013
3	Bhavsar D.B., Desai U.S., Phatak A.A. and Chaudhari P.D.	A Review on use of Lithium in Bipolar Disorder	Indian drugs	50(09) Sep. 2013
4	P. M. Rachmale ,S. B. Jadhav ,P.D. Chaudhari, B.H. Surwase and A.J. Panande	Development and validation of UV-Spectrophotometric methods for simultaneous determination of Ibuprofen and Tramadol in its pure and pharmaceutical dosage forms	International Journal of pharmaceutical and chemical sciences	ISSN:227 7-5005 Vol.2(2 Apr-Jun 2013)
5	P. M. Rachmale ,S.B. Jadhav ,P.D. Chaudhari,	Development and validation of Stability indicating Assay Method	International Journal of pharmaceutical and chemical	ISSN:227 7-5005 Vol.2(2

	B.H. Surwase and A.J. Panande, Amit S. Tapkir	of Etodolac by using UV –Visible Spectrophotometer	sciences	Apr-Jun 2013)
6	Amruta B. Kumbhar, U.C.Galgatte, Shrikant Warkad ,B. Santhakumari	Development and validation of sensitive bioanalytical method for the determination of Sumatriptan in Rat By HPLC-MS	IJPPS	ISSN:0975-1491,vol.5 , Suppl3,,2013
7	Niranjan Bhadkwade, Swati Rawat, U.C. Galgatte	Formulation and Evaluation of oral Disintegrating Tablets of Lornoxican by 3 ² Factorial Design	Journal of Applied Pharmaceutical Sciences	DOI:10.7324/JAPS.2013.38.S8 ISSN: 2231-3354
8	Yuvraj G. Jadhav, U.C. Galgatte ,P.D. Chaudhari	Estimation of Dimenhydrinate in Bulk and pharmaceutical Dosage form :Method development and validation	Indo American Journal of Pharmaceutical Research	ISSN NO. 2231-6876
9	Sunil S. Khanchandani, U.C. Galgatte , P.D. Chaudhari	Development and validation of UV-Visible Spectroscopic method for estimation of Rizatriptan Benzoate in bulk and Tablets dosage form	Asian Journal of Pharmaceutical and clinical research	ISSN:0974-2441,Vol. 6,issue 4,2013
10	Yuvraj G. Jadhav, U.C. Galgatte ,P.D. Chaudhari	Challenges in Formulation of fast dissolving oral films	Indo American Journal of Pharmaceutical Research	ISSN NO. 2231-6876
11	Upendra C. Galgatte, P.D. Chaudhari	Preparation and Evaluation of Bioadhesive Microspheres prepared by Ion Gelation method and effect of variables on Quality of Microspheres	American Journal of Pharmaceutical Research	ISSN:2249-3387,3(4)
12	Mohoni.B.	Review on	International Journal	ISSN:097

	Phanse, Manohar J. Patil.	Pharmacological studies of <i>Thespesia populnea</i> <i>Linn.</i>	of Pharmaceutical and Chemical Sciences	5- 1491, Vol. 5, Issue3,201 3
13	Chopade V.V., Patil P.M. and P.D. Chaudhari	Novel UV Spectrophotometric method for estimation of Sitagliptin phosphate and Simvastatin by Area under Curve method	Indian Drugs	50(04) April 2013
14	Gatkal S.H., Mhatre P.R., Chopade V.V. and Chaudhari P.D	Development and validation of a stability indicating assay method of mesalamine by using different stress degradation conditions	International journal of pharmaceutical sciences and research	ISSN NO. 0975- 8232, Vol. 4(1):
15	P. R. Mhatre, S.H. Gatkal, V. V. Chopade and P. D. Chaudhari	Development and validation of stability indicating HPTLC method for determination of phenobarbitone as Bulk and in pharmaceutical formulation	International journal of pharmaceutical sciences and research	ISSN NO. 0975-8232
16	Gatkal S.H., Mhatre P.R., Chopade V.V. and Chaudhari P.D	Kinetic Study of the Degradation of Mesalamine by Dry Heat Using UV VIS Spectrophotometric method	International journal of pharmaceutical and chemical sciences	ISSN:227 7- 5005, Vol. 2(2) Apr-Jun- 2013
17	Patil U.S., Bandawane D. D., Bibave K.H. and P.D. Chaudhari.	Antihyperglycemic and <i>in vitro</i> Antioxidant activities of <i>punia</i> <i>granatium linn in</i> <i>Alloxan induced Diabetic</i> <i>Rats</i>	Indian Drugs	50(02) Feb-2013
18	Chopade V.V., Patil P.M. ,Rathod S.D. and	Novel UV Spectrophotometric method for estimation of	Indian Drugs	50(04) April 2013

	P. D. Chaudhari	Sitagliptin phosphate and Simvastatin by Area under Curve method		
19	U.C. Galgatte, R.H. Kirange, C.W. Pote ,D.A. Thanvi and P.D. Chaudhari	Preparation and Evaluation of spray dried Mucoadhesive microspheres of Metoclopramide Hydrochloride for Nasal Delivery	International journal of pharmaceutical sciences and Nano-technology	Vol.6, Issue 1, April-June 2013
20	P.A. Shenoy, S.S. Nipate, J.M. Sonpetkar, N. C. Salvi, A.B. Waghmare and P.D. Chaudhari	Anti-snake venom activities of ethanolic extract of fruits of <i>Piper longum L.</i> against Russell's viper venom : Characterization of piperine as active principle	Journal of Ethnopharmacology	(2013)373-382
21	S.S. Nipate ,V.P. Londe and A.H.Tiwari	Effect of Transdermal Patch of <i>Ficus racemosa</i> leaves extract on dermal Burn wound	Pharmacologia	DOI10.5567/2013.365.370
22	Mohini Phanse, Manohar Patil and Konde Abbulu	Isolation of Naphthaquinone bark of <i>Thespesia populnea</i>	International Journal of Applied Biology and Pharmaceutical tech.	ISSN:0976-4550, Vol. 4, Issue - 1, Jan-Mar-2013
23	Viraj V. Kuithe, P.D. Chaudhari, Subhashi S. Chahraborty	Utility of plasticized polymer in solid dispersion for solubility enhancement of thermosensitive and poorly soluble API	SciVerse Science Direct	DOI-10.1016.2013.05.007
24	R.T. Mogal, U.C. Galgatte and P. D. Chaudhari	Floating pulsatile drug delivery of Ranitidine Hydrochloride for Nocturnal acid breakthrough: Design,	International Journal of Pharmacy and Pharmaceutical sciences	ISSN-0975-1491, Vol. 5, Issue 3, 201

		optimization, <i>In Vitro</i> and <i>in vivo</i> Evaluation		3
25	Kunjir V.V. , Jadhav S.B., Punkar A.J. and P.D. Chaudhari	Validated HPTLC method for simultaneous determination of olmesartan medoximil and metoprolol succinate in Tablet dosage form	Indian Drugs	49(10) Oct.2012
26	Hirwale M.G., Mali A. A. and Bandawane D.D.	Anti-inflammatory effect of seeds of <i>Tamarindus indica</i> in wistar Rats	Indian Drugs	50(02) Feb.2013
27	Hirwale M.G., Mali A. A. and Bandawane D.D.	Anti-inflammatory and analgesic activities of ethyl acetate and petroleum ether fractions of <i>Cassia auriculata</i> Linn. Leaves	Orient pharm Exp Med	DOI:10.10 07/S13596 -012- 0099-6
28	Hirwale M.G., Mali A. A. and Bandawane D.D.	Evaluation of Anti-inflammatory and analgesic activities of Methanolic Extract of <i>Cassia auriculata</i> Leaves	Pharma-cologia	DOI:10.55 67.2013.1 17.125
29	Hirwale M.G., Mali A. A. and Bandawane D.D.	Anti-inflammatory and analgesic activities of petroleum ether and ethyl acetate fractions of <i>Tamarindus indica</i> seeds	Orient pharm Exp Med	DOI:10.10 07/S13596 -013- 0116-4
30	D. D. Bandawane, K. H. Bibave, A.V. Jaydeokar ,U. S. Patil and M.G. Hivrale	Antihyperglycemic and Antihyperlipidemic effects of Methanolic Extract of <i>Holarrhena antidysenterica</i> Bark in Alloxan Induced Diabetes Mellitus in Rats	Pharma-cologia	DOI:10.55 67/2013.9 5.106
31	Patil U.S., Bandawane D.D.,Bibave K.H. and	Antihyperglycemic and <i>in vitro</i> Antioxidant activities of <i>Punica granatum</i> Linn. In	Indian Drugs	50(02) Feb.2013

	P.D.Chaudhari	Alloxan induced Diabetic Rats		
32	K.H.Bibave , D.D. Bandawane, U.S. Patil	Evaluation of <i>in vitro</i> Antioxidant and <i>in vivo</i> Antihyperglycemic effects of <i>Holarrhena antidysenterica</i> bark	Journal of pharmacy research	Vol.5, Issue 11, Nov. 2012, 5076-5080, ISSN:0974-6943
33	Phanse M. A., Ingole P.G., Pawale S. S., Sonawane P. P.	Free radical scavenging property of some commonly known Musa species	Indo American Journal Of Pharmaceutical Science	ISSN NO. 2231-6876, Vol. 3, Issue 8, 2013
34	Londhe V.P., Nipate S.S., Tiwari A.H. and Chaudhari P.D.	Wound Healing activity of Ethanolic extract of <i>Ficus racemosa</i> leaves	Indian Drugs	50(11) Nov. 2013
35	Shital A. Giramkar, Omkar P. kulkarni, Suresh D. Jagtap, Aniket R. Wagh, Deepti D. Bandavane, Sonali S. Nipate	Anticonvulsant potential of commonly practiced formulations of Bramhi (<i>Bacopa monnieri</i> Linn.) in Wistar rats	Journal of Pharmacy Science	7(2013)787-791 DOI10.1016.2013.09.008
36	Mhetre N. K., Bandavane D.D., Patel A. N.	Renoprotective effect of hydroalcoholic extract of Aerial of <i>Cassia auriculata</i> linn. (Cesalpiniaceae) in Streptozotocin induced early Diabetic Nephropathy in Rats	International Journal of Pharmacy and pharmaceutical Sciences	ISSN:0975-1491 Vol. 5 Issue 4, 2013
37	D. Bandavane, Mayuri Hiravale, Ashish Mali, Nilam Mhetre	Evaluation of Anti-inflammatory and Analgesic activity of Tamarind (<i>Tamarindus indica</i> linn.) seeds	International Journal of Pharmacy and pharmaceutical Sciences	ISSN:0975-1491 Vol. 5 Issue 4, 2013

38	Aniruddha J. Palande, Shailaja B. Jadhav, Amit S. Tapkir, P. D. Chaudhari, Bhim ashankar H. Survase and Pundlik M. Rachamale	Development and validation of Stability indicating Assay Method of Etodolac by using UV-visible spectrophotometer	International Journal pharmaceutical and chemical Sciences	ISSN:227 7-5005 Vol.2(2) Apr.- Jun.2013
39	Shailaja B Jadhav, Swati K. Kupkar, Deepali L. Dharam, Amol M. Jangam, P.D. Chaudhari	Development and validation of RP- HPLC and HPTLC methods for Simultaneous Estimation of Sitagliptin phosphate and Metformin Hydrochloride in Bulk and Dosage form	Indian Journal of Pharmaceutical Education and Research	JanMar,2013, Vol.47 Issue 1

40	Dr. Praveen Chaudhari, Smita Kolhe*, Dhananjay More.	Dissolution Enhancement Of Poorly Water Soluble Efavirenz By Hot Melt Extrusion Technique	International Journal of Drug Development & Research SJR Impact Value 0.13 & H index 2	Vol. 5(2), pp. 99-102, April-June 2013.
41	Meghana S. Kamble*, Varsha G. Borwandkar, Siddhodhan S. Bodade, Pravin P. Aute, Pravin D. Chaudhari, Ashok V. Bhosale	Optimization of Self-Nanoemulsifying Drug Delivery System (SNEDDS) of Repaglinide using D-Optimal mixture Experimental Design	Journal of Biomedical and Pharmaceutical Research	Vol. 2(3), pp. 100-108, May 2013.
42	Meghana S. Kamble*, Suraj S. Mane, Omkar R. Mane, Varsha G. Borwandkar,	Optimization of Floating Osmotic Drug Delivery System of Diltiazem Hydrochloride using 3 ² Factorial Design	Indo American Journal of Pharmaceutical Research National I.C value 5.09	ISSN No: 2231-6876, June 2013.

	Pravin P. Aute, Pravin D. Chaudhari, Ashok V. Bhosale			
43	Meghana Kamble, Ruchita Patel*, Ramesh Katedeshmukh, Nitin Zarikar, Akshada Kulkarni	A Review on Solid Self Emulsifying Drug Delivery System	Journal of Biomedical and Pharmaceutical Research National I.C value 5.56	Vol. 2(4), pp. 52-56, July 2013.
44	Vinod L. Gaikwad*, Manish S. Bhatia, Indrajeet Singhvi	Statistical Modeling of Physical Characteristics of Fast Disintegrating Glipizide tablets using Polymeric Properties	International Journal of Pharmacy and Technology	Vol. 5(2), pp. 5586- 5601, July 2013.
45	Atul A. Phatak*, Deepika C. Sonawane, Praveen D. Chaudhari	Preparation and Evaluation of Stable Nonionic Surfactant Vesicular System for Tramadol HCl	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Vol. 4(3), pp. 1268- 1277, July-Sep 2013. I.C value 3.58
46	S.S.Nipate, P.A.Shenoy*, J.M.Sonpetkar, N.C.Salvi, A.B.Waghmare	Production of high titre antibody response against Russell's viper venom in mice immunized with ethanolic extract of fruits of <i>Piper longum</i> L. (Piperaceae) and piperine	Phytomedicine Impact factor 3.2	21, pp. 159-163, Aug 2013
47	Upendra C. Galgatte, Amruta B. Kumbhar, Pravin D.	Development of <i>in situ</i> gel for Nasal Delivery: Design, Optimization, <i>in</i> <i>vitro</i> and <i>in vivo</i> evaluation	Drug Delivery, Informa Healthcare USA. Impact factor 2.01	Sep 2013, e 1-12

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48	Upendra C. Galgatte*, Praveen D. Chaudhari	Preformulation Study of Poloxamer 407 Gels: Effect of Additives	International Journal of Pharmacy and Pharmaceutical Sciences Impact factor 1.59	Vol. 6 (1), pp. 130-133, Oct 2013.
49	Smita S. Pimple*, Swapnil E. Yeole, Pravin D. Chaudhari	Formulation and Evaluation of Self Micro Emulsifying Drug Delivery System for Poorly Water Soluble Drug Risperidone	International Journal of Pharmaceutical Sciences Review and Research Impact factor 1.704	23(1), pp. 155-162, Nov-Dec 2013.
50	Deepti D. Bandawane, Ashish V. Jaydeokar*, Kiran H. Bibave, Tushar V. Patil	Hepatoprotective potential of <i>Cassia auriculata</i> roots on ethanol and antitubercular drug-induced hepatotoxicity in experimental models	Pharmaceutical Biology, Informa Healthcare USA	52(3), pp. 344-355, Nov 2013.
51	Karimunnisa S. Shaikh, Amol D. Thingale*, Prajakta R. Channekar, Upendra C. Galgatte,	Enhanced hepatoprotective activity of andrographolide complexed with a biomaterial	Drug Delivery, Informa Healthcare USA Impact factor 2.01	Nov 2013, e 1-8.
52	Dr. Praveen Chaudhari, Smita Kolhe*, Dhananjay More	Formulation Development of Solid Dispersion Prepared by Newer Approach: A Research	Asian Journal of Pharmaceutical Research	Oct-Dec 2013, Vol. 3(4), pp. 172-180.
53	Dr. Praveen Chaudhari, Smita Kolhe*, Dhananjay More	Formulation and Evaluation of Solid Dispersion by Novel Technique	Asian Journal of Pharmaceutical Research	Oct-Dec 2013, Vol. 3(4), pp. 206-214
54	P.S. Uttekar* and P.D. Chaudhari	Formulation and Evaluation of Engineered Pharmaceutical Fine Particles of Budesonide	International Journal of Pharmaceutical Sciences and Research	Vol. 4(12), pp. 4656-4670, Dec

		for Dry Powder Inhalation (DPI) produced by Amphiphilic Crystallization Technique: Optimization of process parameters	Impact Factor 1.89 I.C value 5.50	2013.
55	Karimunnisa S. Shaikh*, Pavan R. Kamble, Pravin D. Chaudhari	Application of Liquisolid Technology for Enhancing Solubility and Dissolution of Rosuvastatin	Advanced Pharmaceutical Bulletin	Vol. 4(2), pp. 197-204, Dec 2013.
56	K.S. Shaikh*, K.P. Jadhav, P.D. Chaudhari, C. Bothiraja	Formulation and Evaluation of Pullulan based oral film for delivery of antihypertensive drug	Trends in Carbohydrate Research	Vol. 5(4), 2013.
57	Vinod L. Gaikwad*, Manish S. Bhatia, Indrajeet J. Singhvi	Effect of polymeric properties on physical characteristics of fast disintegrating ibuprofen tablets: A statistical approach	Scholars Research Library	Vol. 5(3), pp. 140-147, 2013.
58	P.D.Chaudhari, V.V.Kulthe*, H.Y.Aboul-Enein	Freeze-dried Amorphous Dispersion for Solubility Enhancement of Thermosensitive API Having Low Molecular Lipophilicity	Drug Res Impact Factor 0.559	ISSN:219 4-9379 2014
59	Pravin D. Chaudhari, Pallavi M. Chaudhari*	Design and Evaluation of Matrix Pellets by Extrusion Spheronization using Ethyl Acrylate and Methyl Methacrylate Copolymer Dispersion	Latin American Journal of Pharmacy	33(3), pp. 357-365, 2014.
60	Deepti D. Bandawane, Ankita N. Patel*, Nilam K. Mhetre	Pomegranate (<i>Punica granatum</i> Linn.) leaves attenuate disturbed glucose homeostasis and hyperglycemia mediated	European Journal of Integrative Medicine	6 (2014), pp. 307-321.

		hyperlipidemia and oxidative stress in streptozotocin induced diabetic rats		
61	D.D.Bandawane*, S. Beautikumari, S.S.Gate, A.N.Patel	Evaluation of anti-arthritic activity of ethyl acetate fraction of <i>Cassia auriculata</i> Linn. leaves	Biomedicine & Aging Pathology	4 (2014), pp. 105-115.
62	Mohini A. Phanse*, Manohar J. Patil, Konde Abbulu	Effect of <i>Thespesia populnea</i> Linn. on dexamethasone induced insulin resistance in mice	African Journal of Pharmacy and Pharmacology	Vol. 8(16), pp. 429-432, April 2014.
63	Dr. P.D.Chaudhari, Smita Kolhe*, Dhananjay More	Dissolution and Bioavailability Enhancement of Efavirenz by Hot Melt Extrusion Technique	International Organization of Scientific Research Journal of Pharmacy	Vol. 4(5), pp. 47-53, May 2014.

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Research Publications (2014-15)

Sr. No.	Name of Authors	Title of Research/review article/short communication	Name of Journal	Volume, Issue, Page number
1	Pravinkumar Sable* and Swastika Ganguly	Synthesis of some Thienopyridine Derivatives as Antimicrobial Agents	Indian Journal of Heterocyclic Chemistry Impact factor: 0.11	Vol.23, pp. 245-248, Jan 2014. Peer-reviewed
2	P. N. Sable*, S. Ganguly, P. D. Chaudhari	An efficient one-pot three-component synthesis and antimicrobial evaluation of tetra substituted thiophene derivatives	Chinese Chemical Letters Impact factor: 1.178	Vol. 25, pp, 1099-1103, April 2014. Scopus indexed
3	Atul A. Phatak, Satyendrasingh H. Rajput*, Vishal D. Dhangarmali, Pravin D Choudhari	Use of Karanj Oil (<i>Pongamia glabra</i>) in Topical Formulation	Research Journal of Pharmaceutical, Biological and Chemical Sciences Impact factor 0.35	Vol. 5(3), pp. 546-551, May-June 2014. I.C value 4.56 Scopus indexed
4	Meghana S Kamble, Basavaraj K Nanjwade*,	Development of Cuboidal Nanomedicine by Nanotechnology	Austin Journal of Nanomedicine & Nanotechnology	Vol 2(4), pp. 2-8, May 2014. Peer-reviewed
5	U.C. Galgatte*, V.R. Jamdade, P.P. Aute, P.D. Chaudhari.	Study on requirements of bioequivalence for registration of pharmaceutical products in USA, Europe and Canada	Saudi Pharmaceutical Journal Impact factor 1.0	Vol 22, pp. 391-402, 2014. Scopus indexed
6	K.S. Shaikh, C.Bothiraja*, U.H. Thorat, A.P. Pawar	Chitosan coated layered clay montmorillonite nanocomposites modulate oral delivery of paclitaxel in colonic cancer	Materials Technology: Advanced Biomaterials Impact factor 0.593	Vol 29(B2), B120-126, June 2014. Scopus indexed
7	Pravin D. Chaudhari, Viraj V. Kulthe*	Effectiveness of Spray Congealing to obtain Physically Stabilized Amorphous Dispersions of a Poorly Soluble Thermosensitive API	AAPS PharmSciTech Impact factor 1.776	June 2014. Peer reviewed Scopus indexed
8	Mohini Phanse, Mohini Upadhye*, Parikshit Gandhi	Pharmacognostical, Phytochemical Studies and Comparative Extraction	Research Journal of Pharmacognosy and Phytochemistry	Vol 6(3), pp. 115-117, July-

		Techniques of <i>Daucus carota</i>		Sep 2014.
9	A.A. Phatak, K.D. Dhonge*, D.M. Patil, D.S. Pachpute	Formulation Development and Characterization of Transdermal Film of Nisoldipine	An International Journal of Pharmaceutical Sciences Impact factor 0.3397 ICV: 4.10	Vol 5(3), pp. 313-323, July-Sep 2014.
10	Meghana S Kamble, Y.R. Hundekar*, N.F. Idris, R.N. Chilkawar, B.K. Nanjwade, T. Srichana	Development of Hemosomal Drug Delivery System	Austin Journal of Analytical and Pharmaceutical Chemistry	Vol 1(3): 1011, August 2014 Peer reviewed
11	Smita S Pimple*, Khilchandra G Bhirud, Angira G Purohit	Formulation and Evaluation of Lipospheres for Antiretroviral Therapy	World Journal of Pharmacy and Pharmaceutical Sciences Impact factor 2.786	Vol 3(10), pp. 1641-1657, Oct 2014.
12	K.S. Shaikh, C. Bothiraja*, A.D. Gholap, A.P. Pawar	Investigation of Ethyl Cellulose microsphere gel for topical delivery of Eberconazole Nitrate for fungal therapy	Therapeutic Delivery ISSN: 2041-5990 Scopus indexed	Dec 2013, Vol. 3(4), pp. 172-180.
13	Patil Pallavi M., Shinde Prasad S.*	Stability indicating spectrophotometric method of Amlodipine and Telmisartan in bulk and pharmaceutical dosage form	International Journal of Pharmaceutical Sciences Review and Research Index Copernicus value: 5.19 Impact factor: 2.191	Vol. 26(2), pp.19-24, May 2014 Sc imago impact factor: 0.65
14	Pallavi M. Patil*, Sagar B. Wankhede, Praveen D. Chaudhari	A validated stability indicating HPTLC method for estimation of acyclovir in tablets in presence of its alkaline hydrolysis degradation product	Bulletin of Faculty of Pharmacy, Cairo University	Vol. 52, pp.245-257, Oct 2014 Peer-reviewed
15	Patil Pallavi M., Khokale Anil S.*	Stability-indicating spectrophotometric method of Acyclovir in bulk and pharmaceutical dosage form	World Journal of Pharmacy and Pharmaceutical Sciences Impact factor: 2.786	Vol. 3(12), pp.1235-1245, Nov 2014 ISSN: 2278-4357
16	U. C. Galgatte, A. K. Rakde*, P. D.	In-situ gelling characteristics of Gellan gum at various	Journal of Chemical and Pharmaceutical	Vol. 7(2), pp.819-829,

	Chaudhari	simulated independent physiological conditions	Research ISSN: 0975-7384	2015
17	Kedar Kalyani A*, Jadhav Rambhau B.	Chromatographic fingerprint analysis of flavonoids of <i>Helicanthus Elasticus Desr.</i> (Loranthaceae) Linn. Parasitic on different hosts' species.	International Journal of Pharmaceutical Research and Development. International peer-reviewed journal	Vol. 6(12), pp. 16-21, Feb 2015. ISSN- 0974-9446
18	K. Shaikh, C. Bothiraja*, V. Kumbhar, A. Pawar, R. Kamble	Development of floating <i>in situ</i> gelling system as an efficient anti-ulcer formulation: <i>in vitro</i> and <i>in vivo</i> studies	Royal Society of Chemistry, UK. Impact factor: 3.708 ISSN: 2046-2069	Vol. 5, pp. 28848- 28856, March 2015. Scopus indexed Peer reviewed
19	Bandawane Deepti*, Gate Suyog, Patel Ankita	Tannin rich fraction of <i>Punica granatum</i> Linn. Leaves Ameliorates Freund's adjuvant induced arthritis in experimental animals	Pharmacologia, Science Reuters, UK International peer reviewed	Vol. 5(1), pp. 19-31, 2014 Scopus indexed
20	D. D. Bandawane*, N. K. Mhetre, A. N. Patel	Antihyperglycemic activity of Hydroalcoholic extract of <i>Cassia auriculata</i> Linn. (Cesalpiniaceae) aerial parts in Streptozotocin induced diabetic rats	Pharmacologia, Science Reuters, UK International peer reviewed	Vol. 5(5), pp. 155- 171, 2014 Scopus indexed
21	P.D. Chaudhari, P.P. Sadanshio, S.B. Wankhede	A validated stability indicating HPTLC method for estimation of Ribavirin in capsule in presence of its Alkaline Hydrolysis Degradation Product	Analytical Chemistry Letters Taylor & Francis International peer reviewed	Vol.4(5&6), pp.343-358, 2014 Pubmed indexed

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