

Research Publication 2012 -13

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
Superbugs: Challenge to Medicinal Chemistry	Dabhade M. P.	Pharmaceutical Chemistry	International Journal of Pharma and Bio Sciences	2013	0975-6299
Synthesis & anti-inflammatory activity of N-(alkyl or Aryl)-2-(1H- Benzotriazol-1-yl)acetamide derivative	Jain U.N. et al	Pharmaceutical chemistry	Research Journal of Pharmaceutical Biological and Chemical science (RJPBCS)	2013	RJPBCS), Vol.4 Issue3
Microwave Assisted Synthesis and Evaluation of Some Substituted Novel Thiazole as Antimicrobial Agents	Dabhade P. S.	Pharmaceutical Chemistry	International Journal of Universal Pharmacy and Life Sciences	2013	2249-6793
Synthesis and Evaluation of 2, 4, 5 - Trisubstituted and 1, 2, 4, 5 Tetrasubstituted Imidazole as Antimicrobial Agents	Dabhade P. S.	Pharmaceutical Chemistry	Current Pharma Research	2013	2230-7834
Synthesis & Evaluation of Anti-fungal Act	Dabhade P. S.	Pharmaceutical Chemistry	Asian Journal of Biomedical & Pharmaceutical Sciences	2013	2249-622X
3DQSAR studies of N-[alkyl of un/substituted phaneryl]-2-(3-oxo-3,4-dihydro-2H-benzo[b][1,4]thiazin-2-yl) acetamide	Jain U.N. et al	Pharmaceutical chemistry	International Journal of Pharmaceutical and Phytopharmacological Research (eJJPPR)	2013	Res., 3(2),
Synthesis and Antifungal Activity of 1,4-Benzothiazine derivatives	Jain U.N. et al	Pharmaceutical chemistry	American Journal of Pharmtech Research	2013	3(5) 2013
A New RP-HPLC Method for Determination of Metformin HCl and	Prafulla P., Kalkotwar Ramesh	International Journal of Pharmacy and Biological	Volume 2(4), page 161-167 2012	2013	e-ISSN: 230-7605
Ethyl Cellulose based Microsponge Delivery System for Anti-fungal Vaginal	Katkade Mayur, Kalkotwar Ramesh	Journal of Drug Delivery & Therapeutics	Volume 3(6), page 14-20 2013	2013	ISSN: 2250-1177
<i>Enhancement Of Solubility Of Bicalutamide Drug using Solid Dispersion Technique</i>	Narkhede K.B. <i>Sharma Y.P.</i> Laware R.B.	Pharmaceutics	Pharma Science Monitor : An International Journal Of Pharmaceutical Sciences, Online Published	2012	0976-7908
<i>Formulation Development And Evaluation Of Tamoxifen Citrate Liquisolid System</i>	Walunj D.R. <i>Sharma Y.P.</i> Bhise K.	Pharmaceutics	International Journal of Pharma and Bio Sciences	2012	0975-6299
<i>Lyophilization Of Pharmaceuticals: An Overview</i>	Kolkatwar R.K. Dwivedi A. <i>Sharma Y.P.</i>	Pharmaceutics	Journal of Scientific Research in Pharmacy	2012	2277-9469

<i>Formulation and Quality control of Metered Dose Inhaler : A Review'</i>	Ramteke K.H. Sharma Y.P. Gunjal S.S.	Pharmaceutics	Journal of Pharmaceutical & Scientific Innovations	2012	2277 -4572
<i>'Review On: Taste masking approaches and Evaluation of Taste</i>	Thoke S.B. Sharma Y.P.	Pharmaceutics	International Journal Of Pharmaceutical Sciences	2012	0975-4725
Antibacterial activity of some newly synthesized 1,3,4 oxadiazole derivatives	Jadhav Prerana*	Pharmaceutical chemistry	Inventi rapid	2012	0976-3821

Research Publication 2013 -14

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
Quantitative Estimation and Validation Of Lamivudine, Zidovudine And Nevirapine In Pharmaceutical Formulation	Aglawe S.B.	Pharmaceutics	International Journal of Advanced Research in Biological Sciences	2014	2348-8069
An Herbal PH Indicator from Bracts Extract of Bougainvillea Spectabilis	Dabhade P. S.	Pharmaceutical Chemistry	Pharmagene	2014	2221-096
Novel Strategy In Controlled Gastroretentive Drug Delivery: In-Situ Floating Gel	Ashwini Jamdhade	Pharmaceutics	IJDD	2014	0975-0215
"A facile approach to enhance solubility and dissolution rate of norfloxacin by nanoplex	Ashwini Jamdhade	Pharmaceutics	Pharmacophore	2014	2229-5402
A New RP – HPLC Method for Simultaneous Estimation of Metformin HCl and Linagliptin in tablet dosage form	Patil Vikas, Kalkotwar Ramesh	World Jour. Pharmacy Pharm Sci.	Volume 2, (3), page 1332-41 2013		ISSN 2278 – 4357
Development and Validation of UV/Visible Spectrophotometric Method for the Estimation of Rifapentine in Bulk and Pharmaceutical Formulations	Ansari Tahir, Kalkotwar R. S	American Journal of Phytomedicine and Clinical Therapeutics	Volume 2 (4), page 401-407 2013		ISSN 2321 – 2748
Synthesis and Evaluation of Some Novel 5-mercapto-1, 2,4-triazole Derivatives for Antimicrobial, Antitubercular and Anti-inflammatory Activities	Ramesh S. Kalkotwar, R B Saudagar	Inventi Impact: Med Chem,	Volume 2013(2), page 136-139 2013		E-ISSN 0976-7541, P-ISSN 2229-421X

Design, Synthesis and anti microbial, anti-inflammatory, Antitubercular activities of some 2,4,5-trisubstituted imidazole derivatives	R. S. Kalkotwar, R. B. Saudagar	Asian J. Pharm. Res.	Volume 3(4): Oct. - Dec.; Page 159-165 2013		ISSN- 2231-5691
AN APPROACH TO ENHANCE THE SOLUBILITY OF RIFAPENTINE BY SOLID	Pathak Vinay Rawat Swati1, Sharma Y.P.1,		Journal of Drug Delivery & Therapeutics	2013	2250-1177
COMPARATIVE EVALUATION OF NATURAL AND SYNTHETIC SUPERDISINTEGRANTS FOR FAST DISSOLVING TABLET	*Patni Sonal D1, Gondkar S.B1, Darekar A.B1, Sharma Y.P2, Saudagar R.B1		Journal of Drug Delivery & Therapeutics;	2013	2250-1177
FORMULATION DEVELOPMENT & EVALUATION OF EFFERVESCENT TABLET	Thoke Sagar B.*1, Sharma Yogesh P.1, Dr. Rawat		Journal of Drug Delivery & Therapeutics	2013	2250-1177
Preparation and characterization of acetazolamide B cd complex	Patil Sheetal, Sharma Y.P.		International Journal of Pharmaceutical Archieve	2013	2319-7226
Superbugs: challenge to medicinal chemistry	Prerana B. Jadhav*, M. P. Dabhade and Kashid Girish	Pharmaceutical chemistry	International Journal of Pharma and Bio sciences	2013	0975-6299

Research Publication 2014 -15

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
Isolation of starch from ginger rhizomes.	Sharma kavita	Pharmacognosy	Journal of pharmacognocny andphytochemistry.	2015	2349-8234
Method development and validation of Amlodipine Besylate and Hydrochlorthiazide by RP-HPLC Method	Dabhade P. S.	Pharmaceutical Chemistry	International Journal of Advanced Research in Biological Sciences	2015	2348-8070
Solubility and Dissolution Enhancement of Gliclazide by Solid Dispersion Techniques	Dabhade P. S.	Pharmaceutical Chemistry	International Journal of Advanced Research in Biological Sciences	2015	2348-8069
2D and 3D Quantity Structure Activity Relationship Studies on 1,4-Benzothiazine Derivatives for Designing Potent Antifungal	Jain U.N. et al	Pharmaceutical chemistry	American Journal of Pharmtech Research	2014	4(5) 2014
Synthesis and QSAR Studies of Some 2,5-Diaryl Substituted-1,3,4-Oxadiazole Derivatives	R. S. Kalkotwar, R. B. Saudagar	Asian J. Research Chem.	Volume 6(11): November; Page 979-985 2014	2014	ISSN 0974-4169
Synthesis and anti-inflammatory activity of N-(Alkyl or Aryl)-2-(1H-benzotriazol-1-yl)	Kalkotwar RS, Nitin Jain,	Research Journal of	Volume 4 Issue 3,page 1470-1480	2014	ISSN: 0975-

acetamide derivatives	Mrs Jain UN	Pharmaceutical, Biological and Chemical Sciences	2014	2014	8585
Development and Validation of RP-HPLC Method for the Estimation of Rifapentine in	Ansari Tahir, Kalkotwar R. S	American Journal of Advanced Drug Delivery	Vol.2,(1), pages 076-084	2014	ISSN 2321-547X
Bulk and Pharmaceutical Formulation			2014	2014	
Path Finder Process Validation of Moist Heat Sterilizer in Parentral Manufacturing Unit	Kalkotwar R.S.,Salve M.B.,Ahire T.K.	Journal of Drug Delivery and Therapeutics	Vol. 5(6), page 35-42 2015	2014	ISSN 2250-1177
Path Finder Process Validation of Dry Heat Sterilizer in Parentral Manufacturing Unit	R.S. Kalkotwar, T.K. Ahire., M.B. Salve	International journal of Pharmaceutical Quality Assurance	Vol.6(4), page 100-108 2015	2014	ISSN 0975 9506

Research Publication 2015 -16

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RP-HPLC method development and validation of Azelnidipine	Dabhade P. S.	Pharmaceutical Chemistry	International Journal of Pharmaceutical Sciences and Research	2016	0975-8232
Novel spectrophotometric estimation of Acyclovir using Hydrotropic solublizing agent.	Jain U.N. et al.,	Pharmaceutical chemistry	Innovational Journal of Chemistry	2016	1(01)
Nanoparticles as- Particulate Drug Delivery System	Sarika Jadhav, Ramesh Kalkotwar	WJPPS	Vol.5(10), page 1167-1187 2016	2016	ISSN 2278-4357
Path finder process validation of dry heat sterilizer in parentral manufacturing unit	R.S.Kalkotwar, T K Ahire, P B Jadhav, M B Salve	Pharmaceutical chemistry	International journal of Pharmaceutical Quality Assurance	2015	0975 9506
Concept of drug likeness in pharmaceutical research	Prerana B. Jadhav*, Akshay R. Yadav And Megha G. Gore	Pharmaceutical chemistry	International Journal of Pharma and Bio sciences	2015	0975-6299

Research Publication 2016 -17

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
Development and validation of RP-HPLC method for quantitative analysis of sofosbuvir in pure and pharmaceutical formulation	Dabhade M. P.	Pharmaceutical Chemistry	World Journal Of Pharmacy And Pharmaceutical Sciences	2017	2278-4357

Formulation and Evaluation of Controlled Release Tablet of Ropinirole HCL	Aglawe S.B.	Pharmaceutics	AJPTR	2017	ISSN: 2249-3387
FORMULATION AND EVALUATION OF LOSARTAN POTASSIUM MICROSPHERES BY SOLVENT EVAPORATION METHOD	Aglawe S.B.	Pharmaceutics	Indo American Journal of Pharmaceutical Research	2017	2231-6876
Development and Validation of RP-HPLC method for estimation of Tramadol HCl in bulk and pharmaceutical dosage form	Dabhade P. S.	Pharmaceutical Chemistry	Journal of Pharma Research	2017	2319-5622
RP-HPLC method development and validation for determination of atazanavir in bulk and dosage form	Dabhade P. S.	Pharmaceutical Chemistry	World Journal of Pharmacy and Pharmaceutical Science	2017	2278 – 4357
Analytical method development and validation for determination of Nimorazole in bulk and dosage form by RP-HPLC	Dabhade P. S.	Pharmaceutical Chemistry	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry	2017	2321 – 0923
Formulation and Evaluation of orodispersible tablet containing Piroxicam by sublimation method	S C Darade,R.S. Kalkotwar	Indian Journal of Pharmacy and Pharmacology	Vol.4(2), page 77-82, 2017	2017	ISSN 2393-9087
Application of Quality by Design Approach for Development and Validation of Analytical RP-HPLC method for Celecoxib in bulk and marketed formulation	R.S. Kalkotwar, P.S. Vairal	World Journal of Pharmacy and Pharmaceutical Sciences	Vol.6(8), page 1211-1222 2017	2017	ISSN 2278-4357
FORMULATION AND EVALUATION OF LOSARTAN POTASSIUM MICROSPHERES BY SOLVENT EVAPORATION METHOD	Palgadmal P.S.	Pharmacognosy	Indo American Journal of Pharmaceutical Research	2017	2231-6876
Rp-hplc method development and validation for determination of darunavir in bulk and dosage form	Kamlesh Valuba Bhuse* and Asst. Prof. Mrs. Jadhav P.B.	Pharmaceutical chemistry	World journal of pharmacy and Pharmaceutical Sciences	2017	2278-4357