

**NGSM INSTITUTE OF PHARMACEUTICAL SCIENCES
PANEER, DERALAKATTE - 575018, MANGALORE**

**Details of Research Articles Published in International and National
Journals in the year 2010**

Sl. No.	Title of the Publication	Name of the journal / s volume number, issue and period	Authors
DEPARTMENT OF PHARMACEUTICS:			
1.	Buccoadhesive Tablets of Losartan Potassium: Design and Characterization	International Journal of Pharmaceutical & Biological Archives 2010; 1(2): 150 - 154.	Saikat Pande, Marina Koland, Jolly R. Parikh, Ajay B. Solanki, Gourav Negi, Rahul Trivedi
2.	Development and evaluation of nano size coated liposomes of methotrexate for targeted delivery	The AAPS Journal, 12 (S2), 2010	P. Prabhu, R. Shetty, H. N. Matapadi, Kunhikatta, N. Charyulu
3.	Development of Enteric - coated polysaccharide beads intended for colonic drug delivery	Journal of Pharmaceutical Research Vol. 9, No.4, October 2010: 153-158	Narayana Charyulu R, Harini A, Harish N.M, Prabhakara Prabhu, Shastry C.S.
4.	Effect of polymers on Mucoadhesive Strength Forbuccoadhesive Compacts of Salbutamol Sulphate	International Journal of Pharmacy and Technology Vol. 2, Issue 4, Dec. 2010, pp. 1280-1290	Shantha Kumar GS*, Shivakumar HG, Pramod Kumar TM, Yogananda R & Narayana Charyulu R.
5.	Enhancement of bioavailability of carbamazepine through formulation of a solid dispersion based suspension	Pharmacologyonline 1:530-536(2010)	Geetha Rao CG, Vijayanarayna K*, Vipin KV, Subrahmanyam EVS and Satyanarayana D
6.	Fast Dissolving Sublingual Films of Ondansetron hydrochloride: Effect of additives on in vitro Drug Release and Mucosal Permeation	Journal of Young Pharmacists. 2010; 2(3), 216-222	Koland M, Sandeep VP, Charyulu NR
7.	Formulation and Evaluation of Transdermal Patches of Papaverine hydrochloride	Asian J Pharm. 4 (1); 2010: 79-85	Sandeep Shah, Joshi Rahul, Prabhakara Prabhu
8.	Investigation and	Pakistan Journal	Prabhakara Prabhu,

	comparison of colon specificity of novel polymer khaya gum with guar gum	Pharmaceutical Sciences, Vol. 23, No.3, July 2010, pp. 259-265	Nissara Ahamed, Harish N.M, Mohd. Gulzar Ahmed, R.Narayana Charyulu,D.Satyanarayana and EVS Subrahmanyam
9.	Investigation of Colon Specificity of Novel Polymer Khaya Gum	Indian journal of Pharmaceutical Education and Research. Vol. 44(1); 2010:56-65, Jan-Mar. 2010	Prabhakara Prabhu, Nissara Ahmed, Harish N.M, Mohd. Gulzar Ahmed, R. Narayana Charyulu, D. Satyanarayana, E.V.S. Subrahmanyam and Marina Koland
10.	Investigation of effect of drug solubility on colon specificity of polysaccharide polymers khaya gum and guar gum	Int. J.Res.Pharm. Sci., Vol-1,Issue 3,345-352,2010	Prabhakara Prabhu,D Satyanarayana,Marina Koland, Nissara Ahmed, R.Narayana Charyulu
11.	Investigation of site specificity of ciprofloxacin polysaccharide beads	The AAPS Journal, 12 (S2), 2010	R. N. Charyulu, H. M. Nairy, P. Prabhu, Harini A.
12.	Microballoons of Famotidine: A non-effervescent Gastroretentive Controlled Drug Delivery System Using Eudragit S-100	International Journal of Pharmaceutical Sciences Review and Research`, Vol. 5, Issue 2, Nov.-Dec. 2010, pp. 135-144	Narayana Charyulu R, Basavaraj B. V., Madhavan V.
13.	Microballoons of Famotidine: A non-effervescent Gastroretentive Controlled Drug Delivery System Using Eudragit L-100	Der Pharmacia Lettre, 2010, 2(6), pp 176-189, (Available online at www.scholarsresearchlibrary.com)	Narayana Charyulu R*, Basavaraj B. V., Madhavan V.
14.	Mucoadhesive films of Losartan Potassium for Buccal delivery: Design and Characterization	Indian Journal of Pharm. Educ. Res., 44(4), Oct.-Dec. 2010, pp. 315-323	Marina Koland*, R. N. Charyulu and Prabhakara Prabhu
15.	Preparation and	International Journal.	Prabhakara Prabhu*,

	evaluation of liposomes of brimonidine tartrate as an ocular drug delivery system	Res. Pharm. Sciences, Vol. 1, Issue 4, 2010, pp. 502-508	Nithish Kumar, Ganesh Dhondge, Vijayanarayan K, Marina Koland, Harish N. M., Narayana Charyulu R.	
16.	Preparation and evaluation of nano-vesicles of brimonidine tartrate as an ocular drug delivery system	Journal of young pharmacists, 2010, Vol. 2, No. 4	Prabhakara Prabhu*, Nitish Kumar R, Koland M, Harish N. M., Vijayanarayan K, D. Ganesh, Charyulu R. N.	
17.	Preparation and evaluation of niosomes of brimonidine tartrate as ocular drug delivery system	JPRHC, Vol. 2, Issue 4, 2010, pp. 293-301	Prabhakara Prabhu*, Marina Koland, Vijayanarayan K, Harish N. M., D. Ganesh, R. N. Charyulu, D. Satyanarayana	
18.	Preparation and evaluation of periodontal strips of gatifloxacin for periodontal diseases	International Journal of Pharma and Bio Sciences Vol.1/Issue-3/Jul-Sep.2010	Mohammed Gulzar Ahmed*1, R. Narayana Charyulu, Kanthraj.k, Harish.N.M and Prabhakar Prabhu	
19.	Preparation and evaluation of transdermal patches of papaverine hydrochloride	Int. J. Res. Pharm. Sci., Vol-1, Issue 3, 259-266, 2010	Prabhu Prabhakara, Marina Koland, Vijayanarayana K, Harish NM, Shankar G, Mohd. Gulzar Ahmed, Narayana Charyulu R, Satyanarayana D	
20.	Sustained release in situ gels of fluconazole: Development, Optimization and in vitro-in vivo evaluation	The AAPS Journal, 12 (S2), 2010	H. M. Nairy, R. N. Charyulu, P. Prabhu, S. Mehta	
21.	An Emerging trend in Oral Drug Delivery Technology: Rapid Disintegrating Tables	Journal of Pharmaceutical Science and Technology 2 (10), 2010, 318-329	Kuldeep Mehtha, Kevin Garala, Biswajit Basu, Ravi Bhalodia, bhavik Joshi, R. Narayana Charyalu	
DEPARTMENT OF PHARMACHEMISTRY:				

1.	Aminobenzylated Mannich Bases of Amides	Journal of Chemical and Pharmaceutical Sciences, Vol. 3, Issue 3, July-Sept. 2010, pp. 138-140	K.C. Cheluvvaraju* and K.Ishwar Bhat	
2.	Anthelmintic activity of fruit extracts of ficus glomerata roxb	Pharmacologyonline 2:789-793 (2010)	M.Cylma, S. Sandeep, I.S.R. Punitha, S. Behin, J. V. Kamath and D. Satyanarayana	
3.	Anti Ulcer Activity of Leaf Extract of Sapindus trifoliatus Linn	International Journal of Advances in Pharmaceutical Sciences, Vol 1 (1), Sept.-Oct. 2010, pp 104-107	Kishore D. V.*, Pinto Jennifer, Mani K. V, Ronald Fernandes and Satyanarayana D.	
4.	Antifungal evaluation of some novel paminobenzylated mannich bases	Asian Journal of Chemistry, Vol.22, No.8 (2010), 6605-6606.	K.C. Cheluvvaraju* and K.Ishwar Bhat	
5.	Antihyperlipidemic activity of Pongamia pinnata Linn leaf extract	Journal of Pharmacy Research 3(2), February 2010, pp. 224-227	Pricilla. K, Jennifer Fernandes, Preethi F	
6.	Antinociceptive and antipyretic activity of ethanolic extract of roots of caesalpinia sappan	pharmacologyonline 2: 865-875 (2010)	Arun K. Thomas and Jennifer Fernandes	
7.	Antioxidant and Radiation antagonistic effect of Saraca indica	Journal of Environmental Pathology, Toxicology and Oncology 2010; 29(1) : 69-79 20528748	Prerana Shetty, B.S. Satish Rao, B. Nageshwar Rao, P.R.Archana , P.Gayathri	
8.	Estimation of Clopidogrel in Bulk and Pharmaceutical Formulations	Asian Journal Research Chemistry 3(4): Oct-Dec. 2010, pp. 1086-1089	Jane J*, Jasminkumar M. V. and Prashanth D.	
9.	HPLC and colorimetric methods for estimation of Cefepime	Research Journal of Pharmacy and Technology, Jan-March 2010,3(1)	Jane J*, Prashant kumar D, EVS Subrahmanyam,	
10.	Hypoglycemic activity of saraca indica Linn barks	Journal of Pharmacy Research, 2010 3(3),491-493	Preethi. F, Jennifer Fernandes, Pricilla. K.	
11.	In vitro anthelmintic activity of seed extract of artocarpus	pharmacologyonline 3: 691-695 (2010), pp. 691-695	Karunakar Hegde*, Moses Samuel Rajan, D. Satyanarayana, Arun B.	

	lakoocha roxb		Joshi	
12.	Inflammatory activity of ethanolic extract of roots of the plant <i>Caesalpinia sappan</i> Linn	Research Journal of Pharmaceutical Technology 3(1):Jan-Mar.2010	Jennifer F*, Thomas.A, Fernandes. R, Subrahmanyam E.V.S.	
13.	Quantitative spectrophotometric determination of sulphacetamide sodium in bulk and in pharmaceutical dosage form.	Journal of Pharmacy Research Vol 3. Issue1 (2010), 47-48	K.C Cheluvvaraju* , K.Ishwar Bhat and Zaranappa	
14.	Synthesis and antimicrobial activities of Amino benzylated mannich bases of pyrazinamide	International Journal of Chem Tech Research, Vol.2, July 2010, 1368-1371	K.C. Cheluvvaraju and K.Ishwar Bhat	
15.	Synthesis and Antimicrobial Activity of 1,2,3-Triazoles Containing Quinoline Moiety	Arch. Pharm. Res. Vol. 33, No. 12, Dec. 2010, pp. 1911-1918	V. Sumangala, Boja Poojary*, N. Chidananda, Jennifer Fernandes and N. Suchetha Kumari	
16.	Synthesis and antimicrobial activity of 7-(2-substituted phenylthiazolidinyl)-benzopyran-2-one derivatives	European Journal of Medicinal Chemistry 45(2010)85-89	Pradeepkumar M. Ronad, Malleshappa N.Noolvi, Sheetal Sapkal, Satyanarayana D and Veeresh S. Maddi	
17.	Synthesis and biological activities of N' - [4-(substituted benzylideneamino)-3-(2',4'-dichlorophenoxy methyl)-1,2,4-triazol-5yl] isonicotiny lhydrazides	International Journal of Drug Design and Discovery, volume 1, Issue 1, January - March 2010.107-113	Rajesh Hunashal, Pradeepkumar Ronad, Veeresh Maddi, Satyanarayana Darbhamulla and Mohammad Kamdod	
18.	Synthesis and Biological Activity of Some Novel 1,3,5-trisubstituted Pyrazoline Derivatives	J.Ind.Council Chem. Vol.27 No.1, 2010, pp. 96-98	B.C. Revanasiddappa, E.V.S. Subrahmanyam	

19.	Synthesis and Biological Evaluation of 2, 5-Disubstituted-1, 3, 4 - Oxadiazoles	Int J Chem Tech Research 2010; 2(2):1094-96	B.C.Revanasiddappa*, E.V.S.Subrahmanyam	
20.	Synthesis and biological evaluation of some 1,3,4-Oxdiazole derivatives	European Journal of Medicinal Chemistry 45 (2010), pp 5225-5233	K. Manjunatha, Boja Poojary*, Prajwal L Lobo, Jennifer Fernandes, N. Suchetha Kumari	
21.	Synthesis and biological evaluation of some Novel 1,3,5 - Trisubstituted Pyrazolines	E-Journal of Chemistry 2010,7(1),295-298	B.C.Revanasiddappa, R.Nagendra Rao, E.V.S.Subrahmanyam and D.Satyanarayana	
22.	Synthesis and Biological Evaluation of Some Novel Pyrimidine Derivatives	J.Ind Council Chem. Vol. 27, No.1, 2010, pp. 85-88	B.C. Revanasiddappa, E.V.S. Subrahmanyam	
23.	Synthesis and Biological studies of some new thiadiazolo [2,3 -a] 1,2,4-Triazin-5-ones	Indian Journal of Heterocyclic Chemistry, Vol. 19, Jan-March, 2010, pp.291-292.	B.C.Revanasiddappa*, EVS Subrahmanyam and D.Satyanarayana	
24.	Synthesis and biological studies of some novel 2-Azetidinones	International Journal of ChemTech Research, Vol.2. No.1. pp 129-132, Jan-Mar 2010	B.C.Revanasiddappa*, E.V.S.Subrahmanyam, D.Satyanarayana	----
25.	Synthesis and biological studies of some novel formazans	Oriental J Chem.2010: 26(1); 243-46	B.C.Revanasiddappa*, E.V.S.Subrahmanyam	
26.	Synthesis and Biological Studies of Some Quinoline Incorporated Pyrazoles	Indian Journal of Heterocyclic Chemistry, Vol. 20, July-Sept. 2010, pp. 99-100	P. Sunil Kumar Chaitanya, K. Ishwar Bhat and B. C. Revanasiddappa	
27.	Synthesis and pharmacological study of some novel thiazolidinones	Latin American Journal of Pharmacy, 29 (8), 2010, pp. 1440-1444	Vishal D. Joshi, Ishwar K. Bhat, R. Jayaraman, Akash P. Dahake and Arvind R. Desai	
28.	Synthesis of Some Fused Triazole Derivatives Constraining 4-	Vulag Der Zeitcurift fur Naturforsch, 2010, 65b, 1353-1358	Manjunath Kumsi, Boja Poojary, Prajwal L Lobo, Jennifer Fernandes and Chandrashekhar	

	Isobutylphenylethyl and 4-Methylthiophenyl Moieties		Chikkanna	
29.	Synthesis of substituted cinnoline sulphonamide derivatives as anti microbial agents	International Journal of Pure and Applied Chemistry 5(3), (July September), 2010 pp. 203-206	C. Menezes and D. Satyanarayana	
30.	Synthesis and biological evaluation of some new 1,2,4-triazolo- [3,4,-b] -1,3,4- thiadiazoles	J.Chem. Pharm . Res., 2010, 2(5): 323-326	E.V.S. Subrahmanyam, B.C. Revanasiddappa, K.Ishwar Bhat, Jisha Prems, P.S.Surya	
31.	Toxicological studies of alcoholic extract of curculigo orchioides on albino rats	Pharmacologyonline 1:574-579(2010)	K.vijayanarayana, Rashmi Rodrigues, Prerana Shetty and Sucheta Rai	
32.	Synthesis and Antimicrobial Activity of New 1,2,4- Triazolo [3,4-b]-1,3,4-Thiadiazoles	Indian Journal of Heterocyclic Chemistry Vol. 20, Oct-Dec., 2010,pp. 195-196	B.C. Revanasiddappa, E.V.S Subrahmanyam and D. Satyanarayana	
DEPARTMENT OF PHARMACOLOGY:				
1.	Analgesic and Anti-Inflammatory Activity Studies of Some Novel Benzothiazole Schiff's bases on Experimental Rats	Pharmacologyonline 3: 229-234 (2010)	Padmavathi P. Prabhu*, C. S. Shastry, Padmashree, Sushanth Pande	----
2.	Analgesic Potential of the Roots of Memecylon Umbellatum (Burm)	International Research Journal of Pharmacy (1) 2010, pp. 395-400	Joshi Himanshu*, M. P. Gururaja, Satyanarayana D., Singh Sunity, Shastry C. S.	
3.	Aphrodisac activity of GEYENAPHRO: a poly herbal formulation in rats	Pharmacologyonline 1: 607-613(2010)	Vijayanarayana K, Padma GM Rao, Nimmy Chacko, Kishore GS, Udupa N.	

4.	Antioxidant and Hepatoprotective activity of <i>Madhuca longifolia</i> (Koenig) bark against CCl ₄ - induced hepatic injury in rats : In vitro and in vivo studies.	Research Journal of Pharmaceutical, Biological and Chemical Sciences. January - March 2010. Vol. 1, issue 1.	Samaresh Pal Roy, Devendra Shirode, Tushar Patel, C.S. Shastry, N. Gheewala, Goutam Sonara, S Ramachandra Setty and S.V Rajendra
5.	Evaluation of genotoxic potential of aspartame	Pharmacologyonline 1:753-769(2010)	Sushanth kamath, vijayanarayana k,d.prashanth shetty, prerana shetty
6.	Genotoxic studies of <i>Memecylon umbellatum</i> leaves	Int. J. Pharm.& Health Sci. Vol.1 (2), 2010, 45-49	Prashanth shetty , Ullas Prakash D'souza, Prasanna Shama K
7.	Flow cytometry: A Cytometric Technique for Living Cell	Journal of Pharmacy Research 2010, 3(1),114-119	Nirav K.Gheewala, Gautam B Sonara, Tejal N, Gheewala, Renuka R.Parmar, Gautam H, Viradiya, Lodhiya D.J, C.S.Shastry
8.	Antispasmodic Activity of <i>Memecylon Umbellatum</i> Roots- an In Vitro Study	The Pharma Review (May 2010)	Himanshu Joshi*, Gururaja M.P, Arun B.Joshi, Sunity singh 1, Ullasa P.Disoza

DEPARTMENT OF PHARMACOGNOSY:

1.	Benencasa Hispida Reversed Myelin Degeneration in Ethidium Bromide Induced Rat Models	Advanced Pharmacology and Toxicology, Vol 11 (1), 2010, 123-130.	A. Shanish Antony*, R. Vadivelan, Atanu Bhattacharjee, Anshu Deo Gupta, B. Duraiswamy and B. Suresh
2.	Optimisation of microwave assisted extraction of withanolides from roots of Ashwagandha and its comparison with conventional extraction method	International Journal of Pharmacy and Pharmaceutical Sciences, 2010, Vol 2, Issue 4, 46-50	Divya Jyothi, Salma Khanam, Rokeya Sultana
3.	Optimization of Microwave Assisted Solvent Extraction of Withanolides from Leaves of Ashwagandha	International Journal of Comprehensive Pharmacy, 1 November 2010	Divya Jyothi, Salma Khanam, Rokeya Sultana
4.	Phytochemical	Der Pharma Chemica,	Chandrashekar

	studies of aerial parts of the plant Leucas lavandulaefolia	2010, 2 (5): 434-437	Kodangala, Santanu Saha, Prasanna Kodangala	
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