

## List of publications for the year 2012

<b>Faculty: Pharmacy</b>	
<b>Department: Pharmacognosy</b>	
<b>Sr. No.</b>	<b>Paper details</b>
1	V. Madhavan, Ajay Shankar Pandey, Anita Murali, S. N. Yoganarasimhan, Protective effects of Capparis sepiaria root extracts against acetaminophen induced hepatotoxicity in wistar rats, <i>Journal of Complementary and Integrative Medicine</i> . Vol 9, No. 1, 2012, pp.1-12.
2	Ashoka Babu V.L, Arunachalam G, Jayaveera K.N, Madhavan. V, & Shanaz Banu, Hepatoprotective activity of methanolic extract of <i>Rhyncosia Beddomei</i> Baker leaves against carbon tetrachloride induced hepatotoxicity, <i>Journal of Applied Pharmaceutical Science</i> , 2012. 02 (08); 146-149
3	Ashoka Babu V.L, Ganeshan Arunachalam, Korlakunda Narsimha Jayaveera, Varadharajan Madhavan, Shanaz Banu, Hepatoprotective activity of methanolic extract of <i>Ecbolium viride</i> (Frssk.) Alston roots against carbon tetrachloride induced hepatotoxicity, <i>International Research Journal of Pharmacy</i> , 2012, 3(8), 251-253
4	Ashoka Babu V.L, Goravanakolla A, Murali A, Madhavan. V, Yoganarasimhan S. N, Wound healing activity of the leaves of <i>Wattakaka volubilis</i> (L.f.) Stapf (Asclepiadaceae), <i>International Journal of Applied Research in Natural Products</i> , 2012, 5(3), pp. 23-29.
5	Shanaz Banu, Arunachalam G, Jayaveera K.N, Ashoka Babu V.L, Vimal Kumar, Hepatoprotective activity of methanolic extract of <i>Barleria montana</i> leaves in ethanol treated rats, <i>Asian Pacific Journal of Tropical Disease</i> , 2012, pp.748-752
6	Varadharajan Madhavan, Priyanka Goswami, Anita Murali, Sunkam Yoganarasimhan, Diuretic activity studies on the root of <i>Nothosaerva brachiata</i> Wight in Wistar rats, <i>Spatula DD</i> , 2012, 2(3): pp.181-186.
7	Narayana Charyulu Rompicherla, Basavraj Basappa Veerabhadraiah, Shastry Chakrakodi Shashidhara, Madhavan Varadharajan, Formulation, optimization, and evaluation of a gastrobuoyant multiparticulate system of lansoprazole using hypromellose pthallate, <i>Inventi rapid : NDDS</i> , 2.
<b>Department: Pharmaceutical Chemistry</b>	
8	M. Narayana babu, Lalita Sharma, V. Madhavan, Synthesis and antimicrobial activity of some novel pyrrolidine derivatives, <i>International Journal of Chem Tech Research</i> , 2012,4(3), 903-909.
9	B. V. Suma, Surendra Kumar, C. H. S. Venkataramana, Judy Jays, V. Madhavan, Synthesis and biological evaluation of 2-(1 <i>h</i> -Benzotriazol-1-Y1) Acetohydrazide containing isatin derivatives, <i>American Journal Pharmtech Research</i> , 2012, 2 (3), 558-567.
10	B. V. Suma, K. Kannan, V. Madhavan, Chandini R. Nayar, Simultaneous estimation and

	validation of atorvastatin calcium and aspirin in combined capsule dosage form by RP-HPLC method, <i>E-Journal of Chemistry</i> , 2012, 9(3), 1449-1456.
11	B. V. Suma, N.N.Natesh, C.H.S. Venkataramana, Judy Jays, V. Madhavan, Synthesis and antibacterial of some new 1, 2, 3 benzotriazoles derivatives containing pyrazolidinedione moieties, <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2012, Vol 4, 1, 169-173.
12	M. Narayana Babu, Bidya Bhushan, V. Madhavan, Synthesis and biological activity of some novel 1, 3, 4-thiadiazole derivatives, <i>International Journal of Chem Tech Research</i> , Jan-Mar 2012, 4, No.1, 208-212.
13	B. V. Suma, N. N Natesh, G. R. Saraswathy, V. Madhavan, Synthesis and pharmacological evaluation of some novel benzotriazoles derivatives containing pyrazolidinedione moieties, <i>International Journal of Pharmacy and Therapeutics</i> , Vol 4, ISSUE 1, 2012, 169-173.
14	Deveswaran Rajamanickam, Manavalan Rajappan, Madhavan Varadharajan, Bharath Srinivasan, Dvelopment and evaluation of aceclofenac loaded ethyl cellulose microspheres, <i>Asian Journal of Pharmaceutical Sciences</i> , 2012, 7(1), 50-57.
15	Basavaraj BV, Sarath S Menon, Bharath S, Deveswaran R, Madhavan V, Design and characterization of gastroretentive microspheres of ketoprofen, <i>American Journal of Pharmtech Research</i> , 2012; 2(3), 600-615.
16	Venkatesh Teja B, Bharath S, Deveswaran R, Basavaraj BV, Madhavan V. Modified multiple emulsion technique for the microencapsulation of diclofenac sodium using olibanum resin as a polymer, <i>International Journal of Pharmaceutical and Chemical Sciences</i> , Vol. 1(2) Apr—Jun 2012, 508-513.
17	Suma B. V, Kannan.K, Madhavan. V, Chandini R. Nayar, Simultaneous estimation and validation of atorvastatin calcium and nicotinic acid in combined tablet dosage form by RP-HPLC method, <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , Vol 4, Issue 1, 369-373.
	<b>Pharmaceutics</b>
18	R.Deveswaran, Harika Puppala S.K, S.Bharath, B.V.Basavaraj, V.Madhavan, Development of a novel water soluble $\beta$ -cyclodextrin-epichlorohydrin polymer complex to improve aqueous solubility, <i>Journal of Chemical, Biological and Physical Sciences</i> , Vol.2.No.1, 2012, 325-330.
19	B.Sravani, R.Deveswaran, S.Bharath, B.V.Basavaraj, V.Madhavan, Development of sustained release metformin hydrochloride tablets using a natural polysaccharide, <i>International Journal of Applied Pharmaceutics</i> , Vol 4, Issue 2, 2012, 23-29.
20	S.N.Anish Vinnakota, R.Deveswaran, S.Bharath, B.V.Basavaraj, V.Madhavan, Development of sustained release buccal tablets of a anti hypertensive drug, <i>Journal of</i>

	<i>Pharmacy Research</i> , Feb 2012, 5(2), 978-983.
21	Gurumurthy Venkatesh, Deveswaran Rajamanickam, Bharath Srinivasan, Basavaraj Basappa Veerabhadraiah, Madhavan Varadharajan, Spectrophotometric estimation of acyclovir using hydrotropic solubilisation phenomenon, <i>Journal of Pharmacy Research</i> , Feb 2012, 5(2), 849-851.
22	V Jhansipriya Marabathuni, R.Deveswaran, S.Bharath, B.V.Basavaraj, V.Madhavan, Design and optimization of multiparticulate gastroretentive delivery System of ranitidine hydrochloride, <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , Vol 4, Issue 2, 597-603.
23	B. V. Basavaraj, P. Anusha, S. Bharath, R. Deveswaran, V. Madhavan, Plantago ovata mucilage: A natural release rate retardant in aceclofenac tablet formulation, <i>American Journal Pharmtech Research</i> , 2012; 2(2), 519-527.
24	V. Gurumurthy, R. Deveswaran, S. Bharath, B.V. Basavaraj, V. Madhavan, Development of bioadhesive controlled release ketoconazole vaginal films, <i>Research Journal of Pharmacy and Technology</i> , 5 (3): March 2012, 376-382.
25	G. Vijayaranga Vittal, R. Deveswaran, S. Bharath, B.V. Basavaraj, V. Madhavan, Development of an analytical method for spectrophotometric estimation of Ketoprofen using mixed co-solvency approach, <i>International J. of Pharmaceutical Sciences and Research</i> , Vol.3(4): 2012, 1053-1056.
26	G.Vijaya Ranga Vittal, R.Deveswaran, S.Bharath, B.V.Basavaraj, V.Madhavan, Fabrication of matrix core tablet as a bi phasic dual-component delivery system containing aceclofenac, <i>International Journal of Pharmacy and Biological Sciences</i> , 2, 1, 2012, 132-138.
27	Gurumurthy V, Deveswaran R, Bharath S, Basavaraj B.V, Madhavan V, Application of hydrotropic solubilisation in simultaneous estimation of atenolol and amlodipine besylate, <i>Asian Journal of Research in Chemistry</i> , Volume 05, Issue 01, Jan 2012, 57-60.
28	Bharath Kumar. N, S. Bharath, R. Deveswaran, B.V. Basavaraj, V. Madhavan, Extended drug release retarding effect of aloe vera gel in the design of tablet dosage form, <i>International Journal of Pharmacy and Biological Sciences</i> , 2, 1, 2012, 54-59.
29	Borusu Sharada, B. V. Basavaraj, S. Bharath, R. Deveswaran, V.Madhavan, Sustained release matrix tablets of indomethacin using hibiscus rosa sinensis as release retardant, <i>Der Pharmacia Lettre</i> , 2012, 4 (1):227-233.
30	S. Devi, B. V. Basavaraj, S. Bharath, R. Deveswaran, V. Madhavan, Antimicrobial studies of extended release amoxicillin trihydrate dental gels, <i>Der Pharmacia Lettre</i> , 2012, 4

	(1):275-286.
31	Jhansipriya Marabathuni, Deveswaran Rajamanickam*, Bharath Srinivasan, Basavaraj Basappa Veerabhadraiah, Madhavan Varadharajan, Development and evaluation of ketoprofen microsponge loaded hydrogel delivery system, <i>Inventi Rapid : Pharm Tech</i> , Vol. April 2012, Issue 2.
32	Gurumurthy Venkatesh, Deveswaran Rajamanickam*, Bharath Srinivasan. Basavaraj Basappa Veerabhadraiah, Madhavan Varadharajan Spectrophotometric estimation of atenolol using mixed co-solvents, <i>Invent Rapid : Pharm Analysis and Quality Assurance</i> , 2012, Issue 2.
33	S. Bharath, P.Murali krishna reddy, R. Deveswaran, B.V.Basavaraj, V.Madhavan, Extraction of polysaccharide polymer from dioscorea trifida, and evaluation as a tablet binder, <i>International Journal of Pharmacy an Pharmaceutical Sciences</i> , Vol 4, Issue 3, 2012, 347-352.
34	S. Bharath, Raghavendra Naik, B.V. Basavaraj, R. Deveswaran, V. Madhavan, Evaluation of complexed starch-urea-citrate as a novel super disintegrant, <i>Asian Journal of Biomedical and Pharmaceutical Sciences</i> , (7) 2012, 01-07.
35	R. Deveswaran, Maddukuri Sravya, S. Bharath, B. V. Basavaraj, V. Madhavan, Development of modified porous starch as a carrier to improve aqueous solubility, <i>Advances in Applied Science Research</i> , 2012, 3 (1):162- 170.
36	D.J.Mukherjee, S.Bharath and V. Madhavan, Bilayered muco-adhesive delivery system for extended release of bisphosphonates, <i>Journal of Pharma and Bio Sciences</i> , Vol 3, Issue 2, April-June 2012, 304-313.
37	R. Archana, B.V. Basavaraj, S. Bharath, R. Deveswaran, V. Madhavan, A programmable 'Tablet-In-Capsule' drug delivery device for oral administration of propranolol hydrochloride, <i>RGUHS Journal of Pharmaceutical Sciences</i> , Vol 2, Issue 2, Apr—Jun, 2012, 33-37.
38	Keerthi Kancharla, Basavaraj Basappa Veerabhadraiah, Bharath Srinivasan, Deveswaran Rajamanickam, Madhavan Varadharajan, Formulation and evaluation of effervescent gastroretentive drug delivery system of lansoprazole, <i>Inventi Rapid: Pharm Tech</i> , 2012, Issue 2.
39	Maddukuri Sravya, R. Deveswaran, S.Bharath, B. V. Basavaraj, V. Madhavan, Novel analytical method for improvement of aqueous solubility of candesartan cilexetil using

	co-solvency approach, <i>International Research Journal of Pharmacy</i> , Vol 3, 5, 2012, 238-240.
40	G Vijayaranga Vittal, R Deveswaran, S Bharath, BV Basavaraj, V Madhavan, Pharmaceutics Formulation and characterization of ketoprofen liquisolid compacts by Box-Behnken design, <i>International journal of pharmaceutical investigation</i> ;2012,2:150-156.
	<b>Pharmacology</b>
41	Anita Murali, Purnima Ashok, Varadharajan Madhavan, Screening of methanol extract of roots and rhizomes of <i>Smilax zeylanica</i> L for hepatoprotective effect against carbontetrachloride induced hepatic damage, <i>Journal of Experimental and Integrative Medicine</i> , May 2012; 2(3):237-244.
42	Anita Murali, Purnima Ashok, Varadharajan Madhavan, Protective effects of <i>Hemidesmus indicus</i> var. <i>pubescens</i> root extract on paracetamol induced hepatic damage, <i>Spatula DD</i> , 2012, 2(1), 51-58.
43	Anita Murali, Purnima Ashok, Varadharajan Madhavan, Protective effects of <i>Smilax zeylanica</i> L. Leaf against paracetamol induced hepatic Damage in Wistar rats, <i>International Journal of Chemical and Life Sciences</i> , 2012,S1001-S1007
44	Anita Murali, Purnima Ashok, Varadharajan Madhavan, Protection against CCl <sub>4</sub> induced hepatotoxicity by pretreatment with methanol extract of <i>Hemidesmus indicus</i> var. <i>pubescens</i> leaf in Wistar rats, <i>International journal of Applied research in natural products</i> , 2012,5(2), S5-S13,