

## Publications of 2015

1. Rashmi Bopanna, G Krishna Mohan, Usha Nayak, Srinivas Mutalik, Biswanath Sa, Raghavendra V Kulkarni. 2015. Novel pH-sensitive IPNs fo polyacrylamide-ggum ghatti and sodium alginate for gastro-protective drug delivery. *Int. J.Biol.Macromol.* 75, 133-143.
2. Kumar S, Nayak U.Y, Mutalik S, Udupa N. 2015. Herbal penetration enhancers and terpenes: an overview. *Indian Drugs.* 52(01) January, 5-12.
3. Anantha Nagappa Naik, Titikasha Darekar and Shaila Lewis. 2015. Challenges of Access to Medicines. *Pharma Times Vol.* 47(02) February, 31-33.
4. Dasari Naga Naresh, Usha Y Nayak, Prashant Musmade, Srinivas Mutalik and Yogendra Nayak. 2015. Preparation, Characterization and Pharmacokinetic Study of Nelfinavir Nanocrystals for Oral Bioavailability Enhancement. *Curr. Nanosci.* 11, 379-387.
5. Ranjith K, Mahalaxmi R. 2015. Pharmaceutical Mini Tablets. *Int. J Pharm Tech Res.* 7(3), 507-515.
6. TS Hrishi, PP Kundapur, A Naha, BS Thomas, S Kamat and GS Bhat. Effect of adjunctive use of green tea dentifrice in periodontitis patients – A Randomized Controlled Pilot Study. *Int. J Dent Hygiene* (Article first published online: 17 FEB 2015 (DOI: 10.1111/idh.12131))
7. Rupesh Shirodkar, Chandrasekhar Misra, Chethan GH, Pallavi Shetty, Zenab Attari, Srinivas Mutalik and Shaila Lewis. 2015. *Sci. World. J. Vol.* 2015. (DOI: 10.1155/2015/947623)
8. Zenab Attari, Sunethra Kalvakuntla, M Sreenivasa Reddy, Mangesh Deshpand, C Mallikarjuna Rao and K B Koteswara. 2015. Formulation and characterization of nanosuspensions of BCS class II and IV drugs by combinative method. *J Exp. Nanosci.* 2015. (DOI:10.1080/17458080.2015. 1055841) (IF 1.043-2013, 0.985-2014)
9. Rupesh K Shirodkar, Pallavi Shetty, Lalit Kumar, Srinivas Mutalik and Shaila A Lewis. 2015. Development and validation of reverse phase HPLC method for the estimation of lacidipine in nanoformulation. *Lat. Am. J Pharm.* 34(6), 1162-1166.
10. A K Gurram, P B Deshpande, S S Kar, Usha Y Nayak, N Udupa and M S Reddy. 2015. Role of components in the formation of self-microemulsifying drug delivery systems. *Ind. J. Pharm. Sci.* 77(3), 249-257.
11. Vamshi Krishna T, Lalit Kumar, M Sreenivasa Reddy, Rajat Rao, M. Ankineedu and Girish Pai K. 2015. Investigation to find out the root cause for presence of broken tablet in the marketed blister pack. *Research J. Phar. Tech.* 8(6), June 2015, 707-709.
12. Muthukumar Amirthalingam, Narayanan Kasinathan, Srinivas Mutalik and Nayanabhirama Udupa 2015. In Vitro biocompatibility and release of curcumin from curcumin microcomplex-loaded chitosan scaffold. *J. Microencapsul,* 32(4) 364-371.
13. Shlipi Kumari, Ganesh T Bhawar, Prashant B Musmade and Shaila Lewis 2015. Enhancement of aqueous solubility and oral bioavailability of Nelfinavir by complexation with  $\beta$ -Cyclodextrin. *Trop J Pharm Res,* August 2015, 14(8), 1333-1340.
14. Ankita Chonkar, Usha Nayak and U Udupa 2015. Smart Polymers in Nasal Drug Delivery. *Indian J Pharm Sci* 2015; 77(4): 367-375.
15. Rupesh Shirodkar, Neetinkuar Reddy, Nitesh Kumar, grandhi Ramalingayya, Srinivas Mutalik and Shaila Lewis 2015. Subacute toxicity study of Lacidipine nanoformulation. *Lt Am J Pharm* 34(8): 1526-1533.

16. Nagalakshmi narasimhaswamy, Indira bairy, Syed Musharraf, Swapil Kumar, Usha Y Nayak, Gautham Shenoy and Laxminarayana K Bairy 2015. Effect of topical recombinant lysostaphin against methicillin resistant staphylococcus aureus infection in a mouse burn wound model. *Int J Pharma Bio Sci.* Oct: 6(4): (B) 1151-1157.
17. Gopal Venkaesh Shavi, Usha Yogendra Nayak, Naseer Maliyakkal, Praful Balvant Deshpande, Ramesh Raghavendra, Averineni Ranjith Kumar, Meka Sreenivasa Reddy, Nanabhirama Udupa and B Sharwan 2015. Nanomedicine of anastrozole for breast cancer: Physicochemical evaluation, in vitro cytotoxicity on BT-549 and MCF-7 cell lines and preclinical study on rat model. *Life Sciences.* 141: 143-155.
18. Lalit Kumar, M Sreenivasa Reddy, Renuka S Managuli and Girish Pai K 2015. Full factorial design for optimization, development and validation of HPLC method to determine valsartan in nanoparticles. *Saudi Pharm J.* 23; 549-555.
19. Pallavi Krishna Shetty, Venkatesh Venuvanka, Hitesh Vitthal Jagani, Gejjalagere Honnappa Chetan, Virendra S Ligade, Prashant B Musmade, Usha Y Nayak, Guruprasad Kalthur, Nayanabhirama Udupa, Chammalamudi Mallikarjuna Rao, and Srinivas Mutalik 2015. Development and evaluation of sunscreen creams containing morin-encapsulated nanoparticles for enhanced UV radiation protection and antioxidant activity. *Int. J Nanomed.* 10, 6477-6491. (IF 4.383).
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#### **Publications of 2014**

1. Girish Pai, K., Sreenivasa Reddy, M, 2014. Formulation and evaluation of extended release ocular inserts prepared from synthetic and natural biodegradable - biocompatible polymers. *Research J. Pharm. and Tech.* 7 (1),48-51.
2. Vamshi Krishna, T., Sreenivasa Reddy, M. 2014. Formulation and evaluation of enteric coated pellets of rifampicin and isoniazid with improved rifampicin stability. *Asian J. Pharm. Clin. Res.*, 7 (1), 154-156.
3. Vamshi Krishna, T., Sreenivasa Reddy, M. 2014. Formulation and evaluation of multiparticulate systems of rifampicin and isoniazid with improved rifampicin stability. *Int. J. Pharm. Pharm. Sci.*, 6 (2), 386-388.
4. Verma, R., Das, M., Mohamed Saleem, T.S., Kumar, L., Gauthaman, K. 2014. Protective effect of catechin from black tea in an in-vitro model of myocardial ischemic reperfusion injury. *Journal of Pharmacy Research.*, 8(1),1-6.
5. Maulick Chopra, Usha Y Nayak., Aravind Kumar Gurram, Sreenivasa Reddy, M., Koteshwara, K.B. 2014. Formulation, characterization and in vivo evaluation of self-nanoemulsifying drug delivery system for oral delivery of valsartan. *Current Nanoscience*, 10, 263-270.
6. Vamshi Krishna T., Lalit Kumar., Sreenivasa Reddy, M., Muddukrishna, BS., Girish Pai, K. 2014. Process deviations in pharmaceutical industry: Various types, handling procedure and systems. *Research J. Pharm. and Tech.*, 7(3), 340-342.
7. Vamshi Krishna, T., Sreenivasa Reddy, M. 2014. Isocratic high performance liquid chromatographic (HPLC) determination of rifampicin in presence of isoniazid, *Research J. Pharm. and Tech.* 7(3), 328-331.

8. Om Prakash Ranjan, Usha Y. Nayak, Sreenivasa Reddy, M., Swapnil J. Dengale, Prashant B. Musmade, Nayanabhirama Udupa. 2014. Optimization of chronomodulated delivery system coated with a blend of ethyl cellulose and eudragit L100 by central composite design: In vitro and in vivo evaluation. *J. Pharm. Innov.*, 9, 95–105.
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10. Amita Bhandari, Anantha N Naik, Shaila Lewis. 2014. Smart Drug Delivery Systems as Game Changers in Therapeutics. *Sys.rev.pharm.*, 7(11), (Jan-Dec 2013), 20-25.
11. Srinivas Mutalik, Sujith Raj Salian, Kiran Avadhani, Jyothsna Menon, Haritima Joshi, Aswathi Raju Hegde, Pratap Kumar, Guruprasad Kalthur and Satish Kumar Adiga. 2014. Liposome encapsulated soy lecithin and cholesterol can efficiently replace chicken egg yolk in human semen cryopreservation medium. *Syst. Biol. Reprod. Med.*, 60(3), 183-188.
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13. C.S. Shreedhara, Sowmya S, Dharendra B. Sanghai, Kranti P. Musmade, K.B. Koteswara. Preparation of Nanoformulation of Triphala Extract and Evaluation of it's in vitro antioxidant and Cytotoxic Potential. 2014. *J. Pharm. PhytoPharm. Res.*, 3(4), 300-305.
14. Ramya Nair, VikramJeetSingh, Sujith Raj Salian, Sneha Guruprasad Kalthur, Antony Sylvan D'Souza, Pallavi K. Shetty, Srinivas Mutalik, Guruprasad Kalthur, Satish Kumar Adiga. Methyl parathion inhibits the nuclear maturation, decreases the cytoplasmic quality in oocytes and alters the developmental potential of embryos of Swiss albino mice. 2014. *Toxicol. App. Pharmacology.*, 279, 338-350.
15. Girish pai K, Divya S, M Sreenivasa reddy, Lalit Kumar, Vamshi Krishna T, Solubility enhancement of Norfloxacin by hydrotrophy technique. 2014. *Int. J. Pharm. PharmSci*, 6(8), 395-397.
16. Naha Anup, Kiran Sai, Rai Ikya, Vora Bhavisha, Reddy D apoorva, P Kartika. Preparation and evaluation of polymeric nanoparticles of glibenclamide. 2014. *J. Drug Delv. Ther.*, 4(5), 190-192.
17. Girish Pai K, Vibha V, M Sreenivasa Reddy. Lyophilization: An Emerging trend in formulation of parenterals. 2014. *Int. J. Pharm. Res. Sch.*, 3(3), 393-401.
18. Om Prakash Ranjan, Usha Y Nayak, M Sreenivasa reddy, Swapnil J Dengale, Prashant B Musmade and Nayanabhirama Udupa. Osmotically controlled pulsatile release capsule of montelukast sodium for chronotherapy: Statistical optimization, *in vitro* and *in vivo* evaluation. 2014. *Drug Delv.* 21(7), 509-518.
19. Anup Naha, Ikya Rai, Venkatesh Kamath B. Development and Validation of Bioanalytical method for estimation of Glibenclamide. 2014. *Universal J Pharm.* 03(05), 44-45.
20. G Santhoshi Reddy, Usha Yogendra Nayak, Praful B Deshpande and Srinivas Mutalik. Gastroretentive pulsatile release tablets of Lercanidipine HCl: Development, statistical optimization and in vitro and in vivo evaluation. 2014. *Sci world J.* vol. 2014, 1-13.
21. Girish Pai K, Sreenivasa reddy M. Design, fabrication and evaluation of SS 316 punch die set for accurate sizing of sodium cromoglycate ocular inserts. 2014. *Int J Pharm Pharmsci.* 6(11), 244-247.

22. Mahe Talat, Pooja Upadhyay, Prabha Omray, K B Koteswara and O N Srivastava. Preparation and characterization of nanosuspension of Tamoxifen citrate for intra venous administration in drug resistance breast cancer cells. 2014. Adv. Aci. Lett. 20, 1483-1489.

### Publications of 2013

1. Kalra, R., Pallavi, K., Mutalik, S., Reddy, M.S., Udupa, N. 2012. Pharmaceutical Applications of Radio-frequency identification (RFID). Systematic Reviews in Pharmacy, 3 (1) 24-30. (Received in Jan 2013).
2. Usha Yogendra Nayak, Gopal V Shavi, Srinivas Mutalik, Nayanabhirama Udupa. 2013. Formulation and evaluation of multiparticulate drug delivery system of valsartan. Research J. Pharm. and Tech., 6 (1), 96-104.
3. Girish Pai, K., Vamshi Krishna, T., Lalit Kumar, Sreenivasa Reddy, M. Shreenidhi, G., Praneeth Reddy, A. 2013. Comparative evaluation of the physical parameters of uncoated tablets of amlodipine besylate with different types of primary packaging materials. Asian J. Pharm. Res. 3(1), 03-05.
4. Pai, G.K., Krishna, V.T., Kumar, L., Anup, N., Naveen, D., Reddy, S.M., 2013. Comparative evaluation of cephalosporin injectable product manufactured by generic and innovator company. International Journal for Pharmaceutical Research Scholars (IJPRS), 2(1), 56-60.
5. Sreenivasa Reddy, M, Basavareddy VK, Ranjan OP, Mutallik SS, Udupa N. 2013. Preparation and optimization of eudragit nanoparticles of valsartan. International Journal of Multidisciplinary Research (IJMR), 1, 12(1), 104-107.
6. Koteswara, K.B. 2013. Effect of surfactant tween 80 and freeze drying in formulation of pioglitazone nanosuspension and its *in vivo* pharmacokinetic evaluation. International Journal of Multidisciplinary Research (IJMR), 1, 12(1), 59-62.
7. Sharma Puskar Raj, Lewis Shaila Angela. 2013. Stability of marketed albendazole suspensions and correlation between zeta potential and sedimentation. International Journal of Multidisciplinary Research (IJMR), 1, 12(1), 85-87.
8. Anup Naha, Girish Pai, Usha Rani, Asim, P., 2013. Implications of antimicrobial resistance and the way forward. British Medical Journal (Rapid Response), March 2013.
9. Atin Kalra, Mahalaxmi, R., Rajkiran, N., Udupa, N., 2013. Development of novel floating delivery system based on psyllium: Application on metformin hydrochloride. Current Drug Delivery, 10, 336-342.
10. Manisha Kandi, Gayathri Sivasai, Mahalaxmi Rathnanand, Sreenivasa Reddy, M., Vijaya Bhasker, K., 2013. Novel intervention to improve adherence to medication in diabetic patients: Formulation and evaluation of metformin HCl novel dosage form. Int. J. Pharm. Pharm. Sci., 5(3), 587-592.
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13. Kranti, M., Virendra, S.L., Prashant, M., Reddy, M.S., Udupa, N., 2013. Sunscreen regulation: An overview, *The Pharma Review*, XI (64), 140-146.
14. Gupta Daksha, Kondongala Subraya Chandrashekar, Girish Pai, 2013. In vitro antidiabetic activity of pentacyclic triterpenoids and fatty acid esters from *Bauhinia purpurea*. *International Journal of Pharmacology and Pharmaceutical Technology*, 2 (1), 25-28.
15. Girish Pai, K., Vamshi Krishna, T., Lalit Kumar, Sreenivasa Reddy, M., Shreya Singh, Vibha, V., 2013. Evaluation of few marketed products of salbutamol sulphate syrup IP. *Asian J. Res. Pharm. Sci.*, 3 (3), 114-116.
16. Vamshi Krishna, T., Girish Pai, K., Naveen, D., Sreenivasa Reddy, M., 2013. Formulation and evaluation of fixed dose combination products of rifampicin and isoniazid with improved rifampicin stability. *Int. J. Pharm. Pharm. Sci.*, 5 (3), 431-433.
17. Girish Pai, K., Vamshi Krishna, T., Shaila Lewis, Usha Sree, M., 2013. Significance of reconstitution time and other physical parameters for evaluation of dry powder injectables. *Int. J. Pharm. Pharm. Sci.*, 5 (3), 612-614.
18. Vamshi Krishna, T., Girish Pai, K., Hemanth, G., Damodaram, A., Sreenivasa Reddy, M., 2013. Study of various physical parameters of marketed products of paracetamol. *Research J. Pharma. Dosage Forms and Tech.* 5 (4): 227-231.
19. Girish Pai, K., Balधा Parinkumar Dhirajlal, 2013. Multiple Unit Particle System (MUPS): Novel technology for preparation of extended release (ER) tablets. *Research J. Pharm. and Tech.* 6 (8), 856-864.
20. Krishna, BSM., Girish Pai, K., Vasantharaju, Spandana, 2013. A validated stability indicating HPLC method for determination of meropenem in active pharmaceutical ingredient and sterile pharmaceutical dosage form. *International Journal of Multidisciplinary Research*, II, 6 (III), 25-29.
21. Pallavi K. Shetty, Neelam A. Suthar, Jyothsna Menon, Praful B. Deshpande, Kiran Avadhani, Raghavendra V. Kulkarni and Srinivas Mutalik, 2013. Transdermal delivery of lercanidipine hydrochloride: Effect of chemical enhancers and ultrasound, *Current Drug Delivery*, 10 (4), 427-434.
22. Narayanachar, Shreedhar D. Dhumwad, Srinivas Mutalik, Mallinath H. Hugar, Praveen N. Naik, 2013. Synthesis, spectral characterization of Co(II), Ni(II), Cu(II) and Zn(II) complexes of Schiff bases derived from 3-formyl quinoline and 2,6-diaminopyridine and their biological studies, *Main Group Chem.*, 12(1), 87-104.
23. Mutalik, S., Parekh, HS., Anissimov, YG., Grice, JE., Roberts, MS., 2013. Iontophoresis-mediated transdermal permeation of peptide dendrimers across human epidermis. *Skin Pharmacol. Physiol.*, 26 (3), 127-138.
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28. Ruchi Verma, Lalit Kumar and Vijay Bhaskar Kurba, 2013. Tobacco consumption and awareness of their health hazards amongst remote village area in Uttar Pradesh, *International Journal of Biomedical Research*, 04 (10), 567-570.
29. Medikonduri Usha Sree, Lewis Shaila and Anantha Naik, N., 2013. Applications of thiolated chitosans in drug delivery. *The Pharma Review*, May-June, 65-71.
30. Usha Y. Nayak, Srinivas Mutalik, Yogendra Nayak, 2013. Polymethacrylate coated valsartan tablets for ileo-colonic delivery: Formulation development and in vitro and in vivo evaluations. *Research J. Pharm. and Tech.* 6(12), 1362-1369.
31. Usha Yogendra Nayak, Gopal Venkatesh Shavi, 2013. Timed release of valsartan from programmable release capsules: Importance of plasticizers. *Indian J. Pharm. Biol. Res.*, 1(4), 102-107.
32. Dasari Naga Naresh, Usha Yogendra Nayak and Om Prakash Ranjan, 2013. Preparation and characterization of nelfinavir mesylate nanocrystals by ball milling. *Int. J. Res. Pharm. Sci.*, 4(4) 586-592.
33. Vamshi Krishna, T., Sreenivasa Reddy, M. 2013. Formulation and evaluation of fixed dose combination tablets of rifampicin and isoniazid with improved rifampicin stability. *Research J. Pharm. and Tech.* 6(12), 1468-1471.
34. Koteswara K B, Naha Anup, Sunil P, Sai Kiran, 2013. Method development and validation of glibenclamide in tablet dosage form by using RP-HPLC. *Journal of Harmonized Research in Pharmacy*, *Journal of Harmonized Research in Pharmacy*, 2(4), 226-230.
35. Om Prakash Ranjan, Usha Y. Nayak, Meka Sreenivasa Reddy, Swapnil J. Dengale , Prashant B. Musmade, Nayanabhirama Udupa., 2013. Development and validation of RP-HPLC method with ultraviolet detection for estimation of montelukast in rabbit plasma: Application to preclinical pharmacokinetics. *Journal of Young Pharmacists*, 5, 133-138.
36. Pushkar R. Sharma, Shaila A. Lewis., 2013. Design and in vitro/in vivo evaluation of extended release matrix tablets of nateglinide. *Journal of Young Pharmacists*, 5, 167-172.
37. Naha Anup, Sai Kiran, Sunil, P., Koteswara, K.B, 2013. Development and validation of RP-HPLC method for the estimation of gliclazide, *Advance Research in Pharmaceuticals and Biologicals*, 3, 508-511.

### **Publications of 2012**

1. Kulkarni, R.V., Boppana, R., Krishna Mohan, G., Mutalik, S., Kalyane, N.V. pH-responsive interpenetrating network hydrogel beads of poly(acrylamide)-g-carrageenan and sodium alginate for intestinal targeted drug delivery: Synthesis, in vitro and in vivo evaluation. *J Colloid Interface Sci.*, 367(1), 509-517, 2012.
2. Mutalik, S., Nayak, U.Y., Kalra, R., Kumar, A., Kulkarni, R.V., Parekh, H.S. Sonophoresis-mediated permeation and retention of peptide dendrimers across human epidermis. *Skin Research and Technology*, 18, 101-107, 2012.
3. Anup Naha, Girish Pai, K., Usha, Y. Nayak, Reddy, M.S., Koteswara, K.B., Udupa, N. Implementation of task based learning for overall development of pharmacy students. *Research*

J. Pharm. and Tech., 5 (2), 291-294, 2012.

4. Swapnil More, M., Srinivas Mutalik, Raghavendra Kulkarni, V., Navanath Kalyane, V., Formulation and evaluation of sodium alginate discs for prolonged release of glipizide. *Journal of Pharmacy Research*, 5 (1), 389-390, 2012.
5. Archana, Kumar Sandeep, Mahalaxmi, R., Shirwaikar, A.A., Shirwaikar, A. Physicochemical characterization and evaluation of disintegrating property of *Lepidium sativum* seed mucilage. *Journal of Pharmacy Research*, 5(1), 61-65, 2012.
6. Vamshi Krishna, T., Vishnu Datta, M., Kishan, Y.S.S., Aditya, V., Bhanuprakash, G. Comparative study on the teaching effectiveness of chalk & talk and Microsoft Powerpoint presentation from the student perspective. *Int. J. Pharm. Pharmsci.*, 4 (1), 191-193, 2012.
7. Girish Pai, K., Vamshi Krishna, T., Sreenivasa Reddy, M., Kishan, Y.S.S., Aditya, V., Bhanuprakash, G., Vishnu Datta, M. Physical evaluation of the uncoated tablets of glimepiride with different types of primary packaging. *Research J. Pharm. and Tech.*, 5 (3), 404-408, 2012.
8. Koteswara, K.B., Anup Naha, Bishu Chubey. Novel economical technique for the formulation of fast dissolving tablet. *Research J. Pharm. and Tech.*, 5 (4), 483-489, 2012.
9. Ranjith, K.A., Gopal, V.S., Aravind K.R., Praful, B.D., Karthik, A., Sreenivasa, R.M., Udupa, N., 2012. PLGA 50:50 nanoparticles of paclitaxel: Development, in vitro anti-tumor activity in BT-549 cells and in vivo evaluation. *Bull. Mater. Sci.*, 35(3), 319-326.
10. Sujitha, M., Geetha Thanga Mariappan, Mahalaxmi Rathnanand. 2012. Preparation and evaluation of orally disintegrating tablets of telmisartan with pH independent release. *Int. J. PharmTech Research.*, 4 (3), 1154-1158.
11. Vamshi Krishna, T., Girish Pai, K., Sreenivasa Reddy, M., Kishan, Y. S. S., Aditya, V., Bhanuprakash, G., Vishnu Datta, M. 2012. Study on the effectiveness of various types of primary packaging on the physical parameters of telmisartan uncoated tablets. *Research J. Pharm. and Tech.* 5(7), 962-967.
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13. Sudhakar, G.K., Verma, R., Kurba, V.B., Kumar, L. 2012. Therapeutic drugs causing Thyroid disorders. *Advances in Pure and Applied Chemistry*, 1(3); 54-57.
14. Kulkarni RV, Mutalik S, Mangond BS, Nayak UY. 2012. Novel interpenetrated polymer network microbeads of natural polysaccharides for modified release of water soluble drug: In-vitro and in-vivo evaluation. *J Pharm Pharmacol.*, 64 (4), 2012: 530-540.
15. Rajesh, U. Kini., Deepak Kamath, Mahalaxmi Rathnanand. 2012. Formulation and evaluation of carbamazepine extended release tablet by controlled erosion technology. *Int J Pharm Pharm Sci.*, 4 (2), 345-351.
16. Prerana Singh and Shaila Lewis. 2012. Formulation and evaluation of an anti diabetic and anti hypertensive in a single dosage form. *Int J Drug Formulation and Research*, 3 (5) 92-106.
17. Kalra, R., Pallavi, K., Mutalik, S., Reddy, M.S., Udupa, N. 2012. Pharmaceutical Applications of Radio-frequency identification (RFID). *Systematic Reviews in Pharmacy*, 3 (1) 24-30.

## Publications of 2011

1. Kulkarni, R.V., Mangond, B.S., Mutalik, S., Sa, B., Kalyane, N.V., 2011. Interpenetrating polymer network microcapsules of gellan gum and egg albumin entrapped with diltiazem-resin complex for controlled release application. *Carbohydrate Polymers*, 83(2), 1001-1007
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5. Om Prakash Ranjan, Gopal Venkatesh Shavi, Usha Yogendra Nayak, Karthik Arumugam, Ranjith Kumar Averineni, Sreenivasa Reddy Meka, Pandey Sureshwar, 2011. Controlled release chitosan microspheres of mirtazapine: *In vitro* and *in vivo* evaluation. *Arch. Pharm. Res.*, 34 (11) 1919-1929. (Imp factor: 1.588).
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