



Research Journal of Pharmaceutical Dosage Forms and Technology

(RJPDFT)

ISSN 0975-234X

Volume 02, Issue 01, January-February, 2010

CONTENT

REVIEW ARTICLE		
•	Bioadhesive Polymers as a Platform for Drug Delivery: Possibilities and Future Trends	
	<i>Raj Kumar Poddar, Pankaj Rakha, SK Singh and DN Mishra.....</i>	01
•	Preparation and Evaluation of Intra-Vaginal Gel: A Review	
	<i>Lalit Kumar and Ruchi Verma.....</i>	07
•	Alternative Strategies in Solid Dispersion Manufacturing	
	<i>MP Wagh, MH Bele, JS Patel and AY Pawar.....</i>	14
•	Ethosomes: Novel Approach in Transdermal Drug Delivery System	
	<i>Roge Ashish B, Sakhare Ram S, Bakal RL, Channawar MA, Bakde BV, Gawande SR and Chandewar AV.....</i>	23
•	A Brief Review on Gastro Retentive System	
	<i>Dahake MN, Wattamwar PP, Bongirwar RA, Mohale DS, Bakal RL and Chandewar AV.....</i>	28
RESEARCH ARTICLE		
•	Isolation and Characterization of Antibiotic Production from Soil Isolates by Fermentation	
	<i>Chandrashekhara S, BK Nanjwade, PS Goudanavar, FV Manvi Shamrez Ali M.....</i>	32
•	Comparison of Biorelevant and Compendial Dissolution Media and Prediction of In-vivo Plasma Profile of BCS Class II Drug.	
	<i>Manju Nagpal, Pankaj Rakha, Surinder Goyal, Gitika Dhingra and Sunil Gupta.....</i>	37
•	Formulation and Evaluation of Ethyl Cellulose Coated Microspheres of Aceclofenac	
	<i>SM Sarode, MK Kale and G Vidyasagar.....</i>	41
•	Characterization and Evaluation of Glibenclamide Transmucosal Drug Delivery System	
	<i>PS Goudanavar, RS Bagali and SM Patil.....</i>	44
•	Design and Evaluation of Modified Release Dosage Form Containing Bupropion Hydrochloride	
	<i>Dipen Patel, DM Patel, ST Prajapati, JB Dave and CN Patel.....</i>	47
•	Quantization of Aceclofenac in Pharmaceutical Formulations by RP-HPLC	
	<i>Santanu Ghosh and BB Barik.....</i>	52
•	Transdermal Drug Delivery System of Salbutamol Sulphate: Formulation and Evaluation	
	<i>Vaseeha Banu T. S., Sukhen Som, Mohamed Khaleel and Nirmal T. Havannavar.....</i>	56
•	Target Retentive Biodegradable Periodontal Disks for Simultaneous Extended Release of Metronidazole and Doxycycline: Formulation Consideration	
	<i>Gaurav Tiwari, Ruchi tiwari and Awani K Rai.....</i>	62
•	Effect of Dispersing Agent on the Characteristics of Eudragit Microspheres	
	<i>Sethi RK, Sahoo SK, Das PK and Barik BB.....</i>	67
•	Development of a New, Simple, Sensitive and Cost-Effective Method for Estimation of Atenolol in Formulation and Bulk	
	<i>Mohamed Khaleel, Nirmal T Havannavar, Sukhen Som and Vaseeha Banu TS.....</i>	72
•	Formulation of Diclofenac Sodium Delayed-Release Disintegrating Tablets	
	<i>Shajahan Abdul, Mangesh E Bhad, Anil V Chandewar, Jayesh M Jain and Sunil B Jaiswal.....</i>	77

•	Design and Evaluation of Buccoadhesive Microspheres for Smoking Cessation	
	<i>Athawale R, Ghadge S, Shahi S and Singh A.....</i>	90
•	Formulation and Evaluation of Controlled Release Microspheres of Zidovudine	
	<i>Vinod R, Ashok Kumar P, Amit S Yadav, Someshwara Rao B and Suresh V Kulkarni.....</i>	96
•	Formulation and Evaluation of Chronomodulated Drug Delivery System	
	<i>Mukund G Tawar, Satish V Shirolkar, Mahesh D Pawar, Nishant S Gandhi and Nilesh B Deore.....</i>	100
•	Compatibility Studies Between Gatifloxacin and Pharmaceutical Excipients through Differential Scanning Calorimetry and Infra Red Spectroscopic	
	<i>Rajendra Jangde, Rahul Singhour and SJ Daharwal.....</i>	103
•	Enhancement of Dissolution Rate Studies on Solid Dispersion of Aceclofenac	
	<i>S.Lakshmi Thotacherla, A.M.Shamsunisha, Y.Sirisha, C.Valarmathi, Dr.K.L.Senthilkumar, Ezhilmuthu, A.Vasanthan, P.Sumathy.....</i>	107

ADMINISTRATIVE, EDITORIAL, ADVERTISING AND SUBSCRIPTION OFFICE

A and V Publication, E-282 'Saikripa' Sector-4, Pt. Deendayal Upadhyay Nagar, Raipur 492010. (CG) India

Phone No. +919406051618. E. mail: editor.rjpdft@gmail.com; Website: www.anvpublication.org