

# Department of Pharmaceutical Sciences, SBSPGI

## Indian Patents Filed

1. Sandeep Onkar Waghulde, Pritam Vijay Juvatkar, Nilesh Kehavrao Gorde, Pravin Pandurang Naik, Vishal Ramesh Jain, Mrinal R. Sikdar, Manoj Kumar Sarangi. Patent application No. 2728/MUM/2014 (CBR NO. 13347), "*POLYHERBAL MIXTURE FOR ANTIDIARRHOEAL AND ANTIMICROBIAL THERAPY*" has been filed in August 2014.
2. Deepak Choudhary, Anil Bhandari, Sanjay Sharma, Dinesh Puri, Veerma Ram. Anti Diabetic Agents, Compositions and Process for Preparing the same. Patent Filed at Indian Patent Office, New Delhi

## Papers in Journals

1. Ekta Kapoor, Vinay Tripathi, Vivek Kumar, Vijay Juyal, Sunita Bhagat, Veerma Ram. Expression Profile of Markers of Apoptosis, Injury and Oxidative Stress in Human Lung Epithelium Cells-A5449 Receiving Chronic Exposure of Potential Anti-Tubercular Drug-trans-Cyclohexane-1, 4-Diamine Derivative-"9u". *Toxicology International* 2014, 21(2):172-178
2. Singh A, Saharan VA, Ram V, Bhandari A. Effect of *Desmostachya bipinnata* extracts on castor oil and magnesium sulphate induced diarrhoea in wistar rats. *International Journal of Pharmacognosy* 2014, 1(11):709-714.
3. Dev K, Kharb V, Singh A, Saharan VA, Jadhav H, and Purohit S. Bitterness score and its correlation to drug concentration: An approach for estimating bitterness suppression in a marketed product of ofloxacin. *Analytical Chemistry Letters* 2014, 4(4):232-239.
4. Singh A, Saharan VA, Kumawat, I, Khatri A, and Bhandari A. Pharmacognostic and Pharmacological studies of *Veronia cinerea*. *Egyptian Pharmaceutical Journal* 2014, 13(2):104-112.
5. Gairola A, Chaurasia U, Singh A, Saharan VA. Development and evaluation of transdermal patches of aceclofenac. *The Thai Journal of Pharmaceutical Sciences*.2014, 38(2):90-97.
6. Kharb V, Saharan VA, Kharb V, Jadhav H, and Purohit S. Formulation and Evaluation of Lipid Based Taste Masked Granules of Ondansetron HCl. *European Journal of Pharmaceutical Sciences* 2014, 62, 180-188. (2013 Impact Factor 3.005)
7. Agarwal A, Kharb V, Saharan VA. Process optimisation, characterisation and evaluation of resveratrol-phospholipid complexes using Box-Behnken statistical design. *International Current Pharmacy Journal*. 3(7):301-308.
8. Dev K, Kharb V, Singh A, Saharan VA, Jadhav H, and Purohit S. A proposed methodology for in vitro evaluation of bitterness in drug solutions and in vitro drug release samples. *Journal of Pharmaceutical Innovation* 2014, 9(3):183-191. (2013 Impact Factor 1.250)
9. Singh A, Saharan VA, Kumawat I, Ram V, and Bhandari A. Anti-histaminic Activity of *Desmostachya bipinnata*. *Journal of Biologically Active Products from Nature* 2014, 4(1): 7-

11.

10. Kharb V, Saharan VA, Dev K, Jadhav H, and Purohit S. Formulation, Evaluation and 3<sup>2</sup> Full Factorial Design Based Optimization of Ondansetron Hydrochloride Incorporated Taste Masked Microspheres *Pharmaceutical Development and Technology* 2014, 19(7):839-852 (2013 Impact Factor 1.335)
11. Singh A, Saharan VA, and Bhandari A. Pharmacognostic standardization and preliminary phytochemical studies with various plant parts of *Desmostachya bipinnata* (L.) Stapf. *Pharmaceutical Biology* 2014, 52(3):298-307. (2013 Impact Factor 1.337)
12. “Design and Development of Oral Transmucosal Film for Delivery of Salbutamol Sulphate “. Babita Gupta, Urmi Chaurasia, P. Chakarvarty. *Journal of Pharmaceutical , Chemical and Biological Sciences* (ISSN:2348-7658) Jun- Aug 2014; 2(2):118-129.
13. “ Development and Evaluation of Transdermal Patches of Aceclofenac” Animesh Gairola, Urmi Chaurasia, Anupama Singh, Vikas Anand. *The Thai Journal of Pharmaceutical Sciences*. 38(2), April- June 2014; 57-105
14. Jeetendra Singh Negi, P Chattopadhyay, AK Sharma, V Ram. [Development and evaluation of glyceryl behenate based solid lipid nanoparticles \(SLNs\) using hot self-nanoemulsification \(SNE\) technique](#). *Archives of pharmacal research* 37 (3), 361-370 (2014)
15. S Singh, JS Negi, R Bisht, V Negi, N Kasliwal, V Thakur, A Upadhyay. [Development and evaluation of orodispersible sustained release formulation of amisulpride- \$\gamma\$ -cyclodextrin inclusion complex](#). *Journal of Inclusion Phenomena and Macrocyclic Chemistry* 78 (1-4), 239-247 (2014)
16. JS Negi, P Chattopadhyay, AK Sharma, V Ram. [Preparation of gamma cyclodextrin stabilized solid lipid nanoparticles \(SLNS\) using stearic acid- \$\gamma\$ -cyclodextrin inclusion complex](#). *Journal of Inclusion Phenomena and Macrocyclic Chemistry* 80, 359-368 (2014)
17. Sanjay Singh, Sadat Ali, Mamta Farswan et al. Antidiabetic potential of triterpenoid saponin isolated from *Primula Denticulata*. *Pharmaceutical Biology*, 2014, 1-21.
18. Vinod Singh and Mamta Farswan Singh. *Pharmaceutical Metabolites: A Curse to Ecosystem*. GDJPR, 2014, 2(1); 27-33
19. Sanjay Singh, Sadath Ali and Mamta Singh. Pharmacological Potential of *Tricosanthes tricuspidata* and *Clematis montana* for Hypoglycemic and Antioxidant Activity. *European Journal of Medicinal Plants*.6(3): 175-180, 2015
20. Mamta Farswan Singh, Shradha Bisht and Roshni Sajwan. Evaluation of Antiuro lithiatic Activity of Combination of *Phyllanthus niruri* and *Aerva lanata* in Ethylene Glycol induced Urolithiasis in Rats. *Guru Drone Journal of Pharmacy and Research*. 2014; 2(2): 18 - 29
21. Sanjo S Gahalawat, , Mamta F. Singh and Arvind Farswan. Chinese restaurant syndrome by MSG: A Myth or Reality. *Guru Drone Journal of Pharmacy and Research*. 2014; 2(2): 38- 41
22. Synthesis, molecular docking and biological evaluation of substituted quinazolinones as antibacterial agents; Arun Mahato, Birendra Shrivastava and Nithya Shanthy; *Chemical Science Transactions*; 2015, 4(2), 1-9, DOI: 10.7598/cst2015.995
23. Dhirendra Singh, Minky Mukhija, Swati Singh, Apoorva Aggarwal, Ankush Sundriyal (2014)Anti-diabetic effect of hydroalcoholic extract of *Ficus palmata* Forsk leaves in streptozotocin-induced diabetic rats. *International journal of green pharmacy*, Vol. 8 (4) pp.276.
24. Yogita Dobhal, Richa Gupta and Anurag Krishna. Synthesis and Study of Potential Cognition Enhancers Derived from m –Nitrophenol. *EJBPS* 2014; 1(2): 115-124.
25. Yogita Dobhal, Ravikant Rawat, Versha Parcha, Rahul Sharma and Richa Chaudhary. Design, synthesis and evaluation of phenyl oxazolone derivatives as cardioprotective drugs. *World J Pharm Sci* 2014; 2(12): 1712-1722.
26. Dobhal Yogita, Singh Neha and Parcha Versha. Cardioprotective Potential of *Tecoma stans* (Bignoniaceae) Leaves Extracts in Ischaemic Preconditioning. *IJPPS* 2015; 2 (3): 99-103.

27. Yogita Dobhal, Preety Sharma, Vivek Sharma, Sanjeev Kumar and Sunil Gupta. Rabies: Understanding Neuropathology and Management. *Int J Health Sci Res.* 2015; 5(4):320-332.
28. Kundan Singh Bora, Anupam Sharma. Isolation, Estimation of Anxiolytic Principle from *Medicago sativa* Linn. *World Journal of Pharmacy and Pharmaceutical Sciences*, 2014, 3, 1-15.
29. Kundan Singh Bora, Rahul Kumar, Nirmal Singh and Richa Shri Ameliorative effect of *Allium cepa* on oxidative stress and neuronal damage after ischemia and reperfusion-induced cerebral injury. *App Pharm.* 2014, Vol. 6; Issue 4: 432-445.
30. Kundan Singh Bora and Aruna. Pharmacognostic standardization studies and anxiolytic evaluation of *Melissa parvafora*. 2015, *J. of Ethnopharmacol* (Under review).
31. Kundan Singh Bora, Amit Kumar, Amteshwar Singh Jaggi and Richa Shri. Comparative evaluation of neuroprotective effect of three varieties of *Allium cepa* in chronic constriction injury induced neuropathic pain. 2015, *Iranian J of Pharm. Sciences* (Under review).
32. Kundan Singh Bora and Aruna. The Genus *Melissa*: A Review. *Pharmacog Mag.* (Communicated, Dec., 2014).
33. Manoj Kumar Sarangi, Dr. K.A Chowdary, Ankush Sundriyal "Formulation Development and Evaluation of Bilayer Tablets Containing Paracetamol SR and Tizanidine" in *Journal of Applied Pharmacy*, 2014; 6(4): 347-359. Canada. *ISSN:19204159*. (Impact factor 0.44)
34. Manoj Kumar Saranagi, "A Brief Overview On: Cocrystals and Their Pharmaceutical Applications" in the journal *FARMACIA*, 2014; 62(5): 824-839. *ISSN: 0014-8237(Print)*, *ISSN: 2065-0019 (Online)*, Romania. (Impact factor 1.251)
35. Manoj kumar Sarangi, Sasmita Padhi "Dengue and Its Phytotherapy: A review", in *International Journal of Pharmaceutical & Phytopharmacological Research (eIJPPR)*, *ISSN (Online):2249-84*, *ISSN (Print):2250-1029*, 2014; 4(1): 37-46. (Impact factor 0.852)
36. Manoj kumar Sarangi, Sasmita Padhi. "Plants with potential anticancer activities - a Review", published in *International Journal of Phytomedicine*, (*ISSN 0975-0185*), 2014; 6(1): 1-15. (Impact factor 1.09)
37. Mrinal Sikdar, Abhijit Gothoskar, Sandeep Waghulde, Manoj Sarangi, Babita Kumari, Ajit patil; Formulation and Evaluation of Tamarindus Indica Seed used as pharmaceutical Excipient, *World Journal of Pharmacy and Pharmaceutical Sciences*, 2014; 3(9): 1235-1246. *ISSN NO: 2278-4357*.
38. Gaurav Joshi, Manoj Kumar Sarangi. "A Review on Banana Starch" *Inventi Rapid: Planta Activa* Vol. 2014; 3: 1-8. *ISSN 2278-411X*.
39. Supriyo Saha, Mrityunjoy Acharya.(2014). In silico ADME-Toxicity Profiling, Prediction of Bioactivity and CNS Penetrating Properties of some Newer Resveratrol Analogues. *Journal of PharmaSciTech*. Vol.3(2):98-105.
40. Supriyo Saha, Mrityunjoy Acharya. Discovery of Hydrazinecarboxamide or Hydrazinecarbothioamide Bearing Small Molecules as Dual Inhibitor of Ras Protein and Carbonic Anhydrase Enzyme as Potential Anticancer Agent Using Validated Docking Study and *In-silico* ADMET Profile. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. Vol.5(3):1884-93.
41. Supriyo Saha, Mrityunjoy Acharya.(2014). Hydrazinecarboxamide or hydrazinecarbothioamide Bearing small molecules as Dual inhibitor of Ras protein and Carbonic anhydrase enzyme as potential anticancer agent – A MLR approach based on docking energy. *Research in Biotechnology*, 5(6): 15-23, 2014.
42. Supriyo Saha<sup>1\*</sup>, Amartya Banerjee<sup>2</sup> and Ayan Rudra<sup>2</sup> 2D QSAR approach to develop newer generation molecules active against ERBB2 receptor kinase as potential Anticancer Agent. *IJPC* Vol: 5 Issue 4 2015, 134-148.

## Oral /Poster Presentations

1. Kumar A, Rawat M, Upadhyay, P, Saharan VA, Kannappan N. Comparative evaluation of aceclofenac tablets marketed by two different companies. Pharmazenith 2015: national Seminar cum Workshop on Essentia of Today and Tomorrow: Inculcating Advanced Pharmaceutical Skills with Innovative Approach. 26th and 27th March 2015. Organized by: Department of Pharmaceutical Sciences, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research, Dehradun.
2. Kumar A, Goel KK, Bhutiani RK, Saharan VA. Toxicity studies of *Albizia lebbbeck (l.)* Benth for estimating the neurological, hematological and physical alterations in the albino mice. Pharmazenith 2015: national Seminar cum Workshop on Essentia of Today and Tomorrow: Inculcating Advanced Pharmaceutical Skills with Innovative Approach. 26th and 27th March 2015. Organized by: Department of Pharmaceutical Sciences, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research, Dehradun.
3. Mishra A, Singh S, Saharan VA. Hydrotropy: novel solubility enhancement technique. Pharmazenith 2015: national Seminar cum Workshop on Essentia of Today and Tomorrow: Inculcating Advanced Pharmaceutical Skills with Innovative Approach. 26th and 27th March 2015. Organized by: Department of Pharmaceutical Sciences, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research, Dehradun.
4. Saxena H, Saharan VA. Solubility enhancement of piroxicam by mixed hydrotropy. Pharmazenith 2015: national Seminar cum Workshop on Essentia of Today and Tomorrow: Inculcating Advanced Pharmaceutical Skills with Innovative Approach. 26th and 27th March 2015. Organized by: Department of Pharmaceutical Sciences, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research, Dehradun.
5. Singh A, Mishra A, Saharan VA, Shanti CN. Floating drug delivery system: A Review. Pharmazenith 2015: national Seminar cum Workshop on Essentia of Today and Tomorrow: Inculcating Advanced Pharmaceutical Skills with Innovative Approach. 26<sup>th</sup> and 27<sup>th</sup> March 2015. Organized by: Department of Pharmaceutical Sciences, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research, Dehradun.
6. Updadhayay P, Gairola N, Kumar A, Bhatt S, Saharan VA. Design and evaluation of prednisolone microparticles for colonic drug delivery. Pharmazenith 2015: national Seminar cum Workshop on Essentia of Today and Tomorrow: Inculcating Advanced Pharmaceutical Skills with Innovative Approach. 26<sup>th</sup> and 27<sup>th</sup> March 2015. Organized by: Department of Pharmaceutical Sciences, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research, Dehradun.
7. Bhatt S, Jadaun K, Kumar A, Updadhayay P, Saharan VA. Preparation and evaluation of fast dissolving capsules of salbutamol sulphate. Pharmazenith 2015: national Seminar cum Workshop on Essentia of Today and Tomorrow: Inculcating Advanced Pharmaceutical Skills with Innovative Approach. 26<sup>th</sup> and 27<sup>th</sup> March 2015. Organized by: Department of Pharmaceutical Sciences, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research, Dehradun.
8. Tiwari AK, Saharan VA. Proprietary nanotechnologies for drug delivery. Pharmazenith 2015: national Seminar cum Workshop on Essentia of Today and Tomorrow: Inculcating Advanced Pharmaceutical Skills with Innovative Approach. 26<sup>th</sup> and 27<sup>th</sup> March 2015. Organized by: Department of Pharmaceutical Sciences, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research, Dehradun.
9. Rawat M, Kumar A, Saharan VA. Pelletization: a novel approach for controlled drug delivery. Pharmazenith 2015: national Seminar cum Workshop on Essentia of Today and Tomorrow: Inculcating Advanced Pharmaceutical Skills with Innovative Approach. 26<sup>th</sup> and 27<sup>th</sup> March 2015. Organized by: Department of Pharmaceutical Sciences, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research, Dehradun.
10. Kishor N, Saharan VA. Dissolution methodology for evaluation of taste masked drug products. 9<sup>th</sup> Uttarakhand State Science and Technology Congress 2014-15. 26-28<sup>th</sup> February 2015. UCOST, Jhajra, Dehradun.

11. Saxena H, Saharan VA. Solubility enhancement of a poorly water soluble drug by hydrotrophy. 9<sup>th</sup> Uttarakhand State Science and Technology Congress 2014-15. 26-28<sup>th</sup> February 2015. UCOST, Jhajra, Dehradun.
12. Kataria R, Singh A, Saharan VA. Cyclodextrin types and applications in enhancing solubility, stability and taste masking of drugs. National Conference on Novel and Emerging Approaches in Pharmaceutical Sciences and Research. 31<sup>st</sup> May 2014, RV Northland Institute (Pharmacy), Gautam Budh Nagar, Uttar Pradesh, India.
13. Bhatt KK, Chaurasia U, Saharan VA. Chitosan applications as component of pharmaceutical formulations for control and sustain release drug delivery system. National Conference on Novel and Emerging Approaches in Pharmaceutical Sciences and Research. 31<sup>st</sup> May 2014, RV Northland Institute (Pharmacy), Gautam Budh Nagar, Uttar Pradesh, India.
14. Bhatt A, Saharan VA, Singh A. Medicinal Plants for Treatment of Liver Disorders. National Conference on Recent Advances in Biosciences and Drug Discovery-2014. 3-4<sup>th</sup> March 2014. Gurukul Kangri Vishvavidyalaya, Haridwar, Uttarakhand, India.
15. Jadaun K, Singh A, Saharan VA. Review on novel capsules: types and applications in oral drug delivery. National Conference on Recent Advances in Biosciences and Drug Discovery-2014. 3-4<sup>th</sup> March 2014. Gurukul Kangri Vishvavidyalaya, Haridwar, Uttarakhand, India.
16. Saxena H, Saharan VA. A review on mixed hydrotrophy technique: boon for solubilisation of poorly soluble drugs. International Conference on Pharmaceutical Sciences 2014. 14-15 February 2014. Guru Ram Rai Institute of Technology and Science, Dehradun, Uttarakhand, India.
17. Saharan VA, Dev K, Kharb V, Singh A. A proposed methodology for in vitro evaluation of bitterness in drug solutions and in vitro drug release samples. International Conference on Pharmaceutical Sciences 2014. 14-15 February 2014. Guru Ram Rai Institute of Technology and Science, Dehradun, Uttarakhand, India.
18. Formulation and Evaluation of Mucoadhesive Microspheres for the Treatment of Peptic Ulcer” Disha Pant and Urmi Chaurasia. International Conference in Pharmaceutical and Clinical Practices” 6-7 Feb 2015 organised by College of Pharmacy, Teerthankar Mahaveer University.
19. “Neurotherapeutic Applications of Nanoparticles in Alzhiemar Mediated Dementia” Priyam Saxena and Urmi Chaurasia. Chemcon 2015- National Seminar cum workshop on Advances, Perspective and Challenges in Chemical Sciences, 11-12 Feb 2015 organised by Department of Applied Chemistry, SBSPGI, Balawala, Dehradun
20. Colon Targeting Drug Delivery for Treatment of Amoebiasis”Richa Gangwar and Urmi Chaurasia Pharmazenith 2015- National Seminar cum Workshop on Current Trends in Drug Discovery and Development , 26-27 March 2015 organised by Department of Pharmaceutical Sciences, SBSPGI, Balawala, Dehradun.
21. Nasal Drug Delivery with Recent Advances” Abhilasha Singh and Urmi Chaurasia Pharmazenith 2015- National Seminar cum Workshop on Current Trends in Drug Discovery and Development , 26-27 March 2015 organised by Department of Pharmaceutical Sciences, SBSPGI, Balawala, Dehradun
22. Buccal films as a Means for Delivery of Antiemetic Drugs” Neha SORAYANand Urmi Chaurasia Pharmazenith 2015- National Seminar cum Workshop on Current Trends in Drug Discovery and Development , 26-27 March 2015 organised by Department of Pharmaceutical Sciences, SBSPGI, Balawala, Dehradun
23. Drug Delivery System for Effective Treatment of Peridontal Disease” Yashika Uniyal and Urmi Chaurasia .Pharmazenith 2015- National Seminar cum Workshop on Current Trends in Drug Discovery and Development , 26-27 March 2015 organised by Department of Pharmaceutical Sciences, SBSPGI, Balawala, Dehradun
24. National Award (3rd Prize) in paper entitled “Advances in Parkinson's Disease Research”, National Seminar and Workshop on Advances, Perspective & Challenges in Chemical

- Sciences, CHEMCON 2015, Sardar Bhagwan Singh PG Institute of Biomedical Sciences & Research, Balawala, Dehradun, Uttarakhand, India. 11th & 12th February 2015.
25. Paper entitled "Production of highly purified Anti-rabies Serum using Caprylic acid and Study of its Pharmacological and Toxicological Properties in Comparison to Anti-rabies Serum Manufactured using Conventional Method", National Seminar and Workshop on Essentia of Today & Tommorrow: Inculcating Advanced pharmaceutical Skills with Innovative Approach, PHARMAZENITH 2015, Sardar Bhagwan Singh PG Institute of Biomedical Sciences & Research, Balawala, Dehradun, Uttarakhand, India. 26th & 27th March 2015.
  26. Paper entitled "Antigout Potential of Bryophyllum calycinum (Crassulaceae) Leaves Extract", National Seminar and Workshop on Essentia of Today & Tommorrow: Inculcating Advanced pharmaceutical Skills with Innovative Approach, PHARMAZENITH 2015, Sardar Bhagwan Singh PG Institute of Biomedical Sciences & Research, Balawala, Dehradun, Uttarakhand, India. 26th & 27th March 2015.
  27. Paper entitled "Recent Advances in Swine Flu", National Seminar and Workshop on Essentia of Today & Tommorrow: Inculcating Advanced pharmaceutical Skills with Innovative Approach, PHARMAZENITH 2015, Sardar Bhagwan Singh PG Institute of Biomedical Sciences & Research, Balawala, Dehradun, Uttarakhand, India. 26th & 27th March 2015.
  28. Mamta F. Singh, Shivani Bisht. Evaluation of the effect of Nitric Oxide inhibitor Aminoguanidine and cyanocobalamine in aluminium chloride induced dementia in rats presented in 9th Uttaranchal State Science and Technology Congress 2014-15, 26-28 February 2015 organized by Uttaranchal State Council for Science and Technology, Dehradun. (Received young scientist award in 9th Uttaranchal State Science and Technology for best oral presentation under the category of Medical Sciences including pharmaceutical Sciences).
  29. Mamta F. Singh, Shivani Bisht, Shradha Bisht and Vinod Singh. "Modulatory effect of melatonin and cyanocobalamine in aluminium chloride induced dementia in rats" Presented in the 4th Annual International Conference and Exhibition held on 27-28th February 2015 organised by Society of Pharmaceutical Education and Research and Dehradun Institute of Technology.
  30. Pooja Saklani, Mamta F Singh and Vinod Singh. Advanced glycation end products and complications of Diabetes mellitus: A Review presented in Pharmazenith 2015 (National Seminar cum workshop) held on 26-27<sup>th</sup> March 2015, organised by Dept. of Pharm Sciences, SBSPGI, Balawala, Dehradun.
  31. Swati Rawat, Veerma Ram, Mamta F. Singh and Gayatri Garg. EVALUATION OF ANTI-INFLAMMATORY ACTIVITY OF THE FRACTIONS OF ACTIVE WHOLE PLANT EXTRACTS OF *Fagonia schweinfurthii* Hadidi in Pharmazenith 2015 (National Seminar cum workshop) held on 26-27<sup>th</sup> March 2015, organised by Dept. of Pharm Sciences, SBSPGI, Balawala, Dehradun.
  32. Veerma Ram, Mamta F.Singh and Abhijit De. Pathophysiological aspects of diabetes induced sexual impairment in male population in Pharmazenith 2015 (National Seminar cum workshop) held on 26-27<sup>th</sup> March 2015, organised by Dept. of Pharm Sciences, SBSPGI, Balawala, Dehradun.
  33. Synthesis and spectroscopic analysis of chitosan grafted with 2-hydroxyethyl methacrylate; Richa Bahuguna, C. Nithya Shanthi, Arun Mahato, Mukul Sahgal and Nivedita Joshi; Pharmazenith-2015; 27-28<sup>th</sup> March 2015.
  34. Graft Polymerization: Present status and application; Mukul Sahgal, C. Nithya Shanthi, Richa Bahuguna and Pratibha Upadhyay; Pharmazenith-2015; 27-28<sup>th</sup> March 2015.
  35. Transdermal Drug Delivery System: Promising route for treatment of local ungula fungal infection; Nivedita Joshi, Shashank Soni and C. Nithya Shanthi. Pharmazenith-2015; 27-28<sup>th</sup> March 2015.



36. Graft co-polymerization; C. Nithya Shanthi, Arun Mahato, Mukul Sahgal, Richa Bahuguna and Nivedita Joshi, CHEMCON-2015, 11-12<sup>th</sup> February 2015.
37. Presented poster on “Mesoporous Silica Nanoparticles in Drug delivery” in Pharmazenith 2015- a national seminar cum workshop on “*Essentia of today and tomorrow: including advance pharmaceutical skills with innovative approach*” organized by department of Pharmaceutical Sciences, Sardar Bhagwan Singh PG Institute of Biomedical Sciences and Research, Balawala, Dehradun, on 26-27 March, 2015.
38. Presented poster on “Advances in Drug regulatory affairs” in the national conference on “*Recent Innovations in Drug Regulatory affairs and Clinical Research*” organized by Vivek College of Technical Education, Bijnor, Uttar Pradesh, on 21st March, 2015.
39. Presented poster on “Dendrimers - A Potential carrier in ocular drug delivery” in the International Pharmaceutical Conference -2015 on “*Nanoformulations and Translational Research: Small getting Bigger*” organised by Department of Pharmaceutical Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow, Uttar Pradesh on 2nd and 3rd February, 2015.
40. Presented poster on “A Review on Gastro Retentive Drug Delivery System” in the DST sponsored National conference on *Novel and Emerging Approaches in Pharmaceutical Sciences and Research* (NEAPSR-2014) organised by R.V. Northland Institute, Dadri, Greater Noida, G.B Nagar, UP, India on 31st May 2014.
41. Presented Poster on “Novel excipients in development of Pharmaceutical, Neutraceutical and Cosmeceutical Dosage forms” in International conference on Pharmaceutical Sciences, with the theme “*Present Trends and Future Prospects in Pharmaceutical Sciences*” held in 14th and 15th February 2014 at Shri Guru Ram Rai Institute of Technology and Sciences, Patel Nagar, Dehradun, Uttarakhand.
42. Tanvi Kapruwan, Smita Mahajan, Jeetendra Singh Negi, Development and evaluation of chitosan modified gold nanoparticles of poorly bioavailable drugs, Pharmazenith 2015.
43. Presented Poster on “Potential Anti-Dengue Medicinal Plants” in the National conference organized by Banaras Hindu University, Varanasi, U.P in March
44. Shashank Soni\*, Veerma Ram, Anurag Verma. Targeted Nanoparticles with Peptidic Ligands for Protein Delivery via Oral Route. International Pharmaceutical Conference on Nanoformulations and Translational Research: Small Getting Better at Babasaheb Bhimrao Ambedkar University, Lucknow, 02-03 February 2015
45. Shashank Soni\*, Veerma Ram, Neelam Jain. Recent Trends in Delivering of Insulin. National Seminar cum Workshop on *Essentia of Today and Tomorrow : Inculcating Advanced Pharmaceutical Skills with Innovative Approach* at Sardar Bhagwan Singh PG Institute of Biomedical Sciences and Research, Dehradun, 26-27 March, 2015
46. Pallavi Tiwari\*, Shashank Soni, Veerma Ram, Neelam Jain, Anurag Verma. Raft Forming Buoyant pH Dependent Thixotropic Gelling Systems Based on Gelucire 43/01 as a Potential Stomach Specific Delivery System for Famotidine. National Seminar cum Workshop on *Essentia of Today and Tomorrow : Inculcating Advanced Pharmaceutical Skills with Innovative Approach* at Sardar Bhagwan Singh PG Institute of Biomedical Sciences and Research, Dehradun, 26-27 March, 2015
47. Kuldeep Singh, Seema Upadhaya, Anupama Singh; Pharmacognostic and Phytochemical Studies on *Barleria Lupulina*, a poster presentation in All India Pharma Students Conclave and a National Seminar held on 14<sup>th</sup>- 15<sup>th</sup> February 2014 by Pharmaceutical Society, Department of Pharmaceutics, IIT (BHU), Varanasi, U.P. India.
48. Alok Bhatt, Anupama Singh ; Hepatoprotective Activity of *Desmostachya Bipinnata* in Carbon tetrachloride Induced Hepatotoxicity Albino Rats, a poster presentation in national conference held on 26<sup>th</sup> -27<sup>th</sup> March 2015 in Pharmazenith at Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research, Balawala, Dehradun, Uttarakhand, India.

49. Rekha Jethi, Anupama Singh; Quality Standards of *Grewia optiva* plant according to WHO guidelines, a poster presentation in national conference held on 26<sup>th</sup> -27<sup>th</sup> March 2015 in Pharmazenith at Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research, Balawala, Dehradun, Uttarakhand, India.
50. Kuldeep Singh, Alok Bhatt, Anupama Singh; Quantitative estimation of Phytoconstituents present in *Desmostachya bipinnata* (L.) stapf, a poster presentation in national conference held on 26<sup>th</sup> -27<sup>th</sup> March 2015 in Pharmazenith at Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research, Balawala, Dehradun, Uttarakhand, India.
51. Akhilesh Kumar, Anupama Singh, Anil Bhandari, Anti-histaminic Activity of Various Extracts of *Elytraria acaulis* in Isolated Guinea Pig Ileum and Histamine Induced Lethality in Guinea Pigs, a poster presentation in national conference held on 26<sup>th</sup> -27<sup>th</sup> March 2015 in Pharmazenith at Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research, Balawala, Dehradun, Uttarakhand, India.
52. Alok Bhatt, Anupama Singh, Anti-hyperlipidemic Activity of *Desmostachya Bipinnata* in Tritium Induced Hyperlipidaemic Albino Rats, 9<sup>th</sup> Uttarakhand State Science and Technology Congress held on 26-28<sup>th</sup> February 2015, UCOST, Jhajra, Dehradun
53. Kundan Singh Bora. Evaluation of Anxiolytic Effect of *Cephalandra indica* Naudin in Mice. International Conference, organized by Chitkara College of Pharmacy, Chitkara University, Patiala, Punjab, 2014.
54. Kundan Singh Bora, Aruna Dubey. Phytochemical and Physico-chemical Evaluation of *Melissa parviflora* Benth. International Conference, organized by Chitkara College of Pharmacy, Chitkara University, Patiala, Punjab, 2014.
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