

## **DR. DEEPALI GANGRADE**

### **Publications:**

- 1) UV Spectrophotometric method for assay of the antiretroviral agent Lamivudine in API and in its tablet formulation (2010), Journal of Young Pharmacists, 2010 Oct-Dec; 2(4): 417–419, ISSN: 0975-1505. Impact factor: 0.342.
- 2) Development and Validation of UPLC method for Emtricitabine, Tenofovir, and Efavirenz in pharmaceutical preparation (2010), Analytical journal of chemistry, ISSN: 0974-7419, Impact factor: 3.239.
- 3) Quantitative determination of residual 2- (2-Chloroethoxy) ethanol CEE in Quetiapine fumarate by Gas Chromatography (2010), Advances in bioscience and biotechnology, ISSN: 2156-8502, Impact factor: 0.87.
- 4) Selective determination of free bromine in Pharmaceutical Drug in presence of its hydrobromide salt by reverse phase High Performance Liquid Chromatography (RP-HPLC)(2010), Drug Development and Industrial Pharmacy, Impact factor: 2.101
- 5) Determination of Potential Genotoxic impurities in Imatinib Mesylate by RP-HPLC Method (2012), Biological Forum –an international Journal, ISSN: 2249-3239, Impact factor: 0.321.
- 6) Determination of Potential Genotoxic impurities in Sorafenib Tosylate by UPLC method (2012), International Journal of Theoretical & applied sciences, ISSN: 2249-3247, Impact factor: 0.201.
- 7) Synthesis and evaluation of novel prodrugs of 1-ethyl-6, 8-difluoro-1, 4- dihydro-7-(3-methyl-1-piperazinyl)-4-oxo quinolone-3-carboxylic acid (2012), FS J Pharm Res/ 2012/ Vol 1/ No 1, ISSN 2278 – 2818.
- 8) Determination of DDQ using Ultra Performance Liquid Chromatography (2013), International Journal of Biological Forum, ISSN: 2249-3239, Impact factor: 0.321.
- 9) Metabolomics (2013), International Journal of Chemical and Pharmaceutical Analysis, ISSN: 2395-2466, Impact factor: 5.949.
- 10) Ruthenium Complexes- Potential Candidate for Anti-Tumour Activity, International Journal of Chemtech Research, ISSN: 09744290, Impact factor: 1.834.
- 11) Synthesis of (1R, 4S)-4-Aminocyclopent-2-en-yl Methanol HCL– An Undesired Isomer of Key Starting Material in the Synthesis of Abacavir Sulphate and Development of Validated Chiral HPLC Method for its Estimation (2014), International Journal of Chemical and Pharmaceutical Analysis, ISSN: 2395-2466, Impact factor: 5.949.

- 12) Application of 2, 4-Dinitro Phenyl Hydrazine as a Derivatizing Reagent for the Trace Level Quantification of Toxic Impurity Formaldehyde in Entecavir – An Antiviral Drug for Treatment of Hepatitis B by High Performance Liquid Chromatography (2014), International Journal of Chemical and Pharmaceutical Analysis, ISSN: 2395-2466, Impact factor: 5.949.
- 13) Isolation, Characterization and Quantification of Potential Hydrolytic Degradant (5'-Deoxy-5-Fluorocytidine) of an Anti-Cancer Agent Capecitabine (2014), International Journal of Innovative Pharmaceutical Sciences and Research (IJIPSR), ISSN: 2347-2154, Impact factor: 2.60.
- 14) RP-HPLC Method Development and Validation for Betahistine Hydrochloride Controlled Release Tablets (2014), International Journal of Chemical and Pharmaceutical Analysis, ISSN: 2395-2466, Impact factor: 5.949.
- 15) Spectroscopic Method Development and Validation of Betahistine Hydrochloride Controlled Release Tablets (2014), International Journal of Innovative Pharmaceutical Sciences and Research (IJIPSR), ISSN: 2347-2154, Impact factor: 2.60.
- 16) A Validated Stability-Indicating HPLC Related Substances Method for Milnacipran Hydrochloride (2014), International Journal of Innovative Pharmaceutical Sciences and Research, ISSN: 2347-2154, Impact factor: 2.60.
- 17) Impurity Profiling of Active Pharmaceutical Ingredients (API) (2014), Inventi Rapid: Pharm Analysis & Quality Assurance, ISSN: 0976-3813, Impact factor: 0.4.
- 18) 'Impurity Profiling: A Necessity in the Pharmaceutical Industry: An Overview' (2014), International Journal of Innovative Pharmaceutical Sciences and Research, ISSN: 2347-2154, Impact factor: 2.60.
- 19) Overview on microwave synthesis – Important tool for green Chemistry (2015), International Journal of Research in Pharmacy and Science, ISSN: 2249-3522, Impact factor: 0.764.
- 20) Determination of polymorphic forms of finasteride by XRPD, FT-IR, and DSC techniques (2015), World Journal of Pharmaceutical Sciences, ISSN: 2321-3086, Impact factor: 0.453.
- 21) Regulatory Development for Biosimilars: Recent Advances in Global Regulations (2015), International Journal of Innovative Pharmaceutical Sciences and Research, ISSN: 2347-2154, Impact factor: 2.60.
- 22) Emerging Techniques for Polymorph Detection (2015), International Journal of Chemical and Pharmaceutical Analysis, ISSN: 2395-2466, Impact factor: 5.949.

- 23) Target Based Approach a way towards Protein Structure Determination in Drug Designing (2015), International Journal of Pharma Research & Review, ISSN: 2278-6074, Impact factor: 2.544.
- 24) Determination of polymorphic forms of Finasteride by XRPD, FT-IR, and DSC Techniques (2016), World Journal of Pharmaceutical Sciences, ISSN: 2321-3086, Impact factor: 0.453.
- 25) Absorbance Correction Method for the Simultaneous Estimation Of Hydrochlorthiazide, Telmisartan and Amlodipine Besylate In API and Combined Tablet Dosage Formulation by UV Spectrophotometry. (2016), Der Pharmacia Lettre, ISSN: 0975-5071, Impact factor: 5.056.
- 26) Absorbance Correction Method for the Simultaneous Estimation of Norfloxacin and Tinidazole in API and Combined Tablet Dosage Formulation by UV Spectrophotometry (2016), Der Pharmacia Lettre, ISSN: 0975-5071, Impact factor: 5.056.
- 27) 'Pharming' proteins: the future of Panacea (2016), Journal of Chemical and Pharmaceutical Research (JOCPR), ISSN: 0975-7384, Impact factor: 0.543.
- 28) Re-thinking drug discovery: In silico method; Journal of Chemical and Pharmaceutical Research (2016), Journal of Chemical and Pharmaceutical Research (JOCPR), ISSN: 0975-7384, Impact factor: 0.543.
- 29) Anti-oxidant and anti-inflammatory activity of synthesized 3-substituted schiff bases of quinazoline 2, 4-diones (2016), Journal of Chemical and Pharmaceutical Research (JOCPR), ISSN: 0975-7384, Impact factor: 0.543.
- 30) Synthesis, characterization & biological studies of newer class of Quinolone derivatives (2016), International journal of pharmaceutical sciences and research, E-ISSN: 0975-8232; P-ISSN: 2320-5148, Impact Factor: 2.60.
- 31) Simultaneous estimation of Norfloxacin and Tinidazole in combined tablet dosage form by using RP- HPLC method (2016), International journal of pharmaceutical sciences and research, E-ISSN: 0975-8232; P-ISSN: 2320-5148, Impact Factor: 2.60.
- 32) Synthesis, Characterization and biological studies of 3-substituted Schiff bases of Quinazoline 2,4- diones (2017), International journal of pharmaceutical sciences and research, E-ISSN: 0975-8232; P-ISSN: 2320-5148, Impact Factor: 2.60.
- 33) Prodrugs to Co-drugs (2017), BSP-CDTH-2016-123.

### **Presentations:**

- 1) Won First Prize for presenting Research work entitled "Isolation, Characterization and Quantification of Potential Hydrolytic Degradant (5'-Deoxy-5- Fluorocytidine) of an Anti-Cancer Agent Capecitabine" at AICTE Sponsored Two Day National Conference under the theme "Quality by Design in Pharmaceuticals", organized by Padmashree Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune [2015].
- 2) Awarded First Prize for poster titled "Regulatory Development for Biosimilars: Recent Advances in Global Regulations" in the One Day National Seminar and Poster competition on "Innovations in Drug Delivery: Trends, Opportunities and Regulatory Aspects" at VES College of Pharmacy, Chembur [2014].
- 3) Awarded First Prize for poster titled "Green Chemistry for sustainable future" in One day national seminar on "Frontiers in Pharmaceutical Sciences and Drug Discovery Innovations" in HK college of Pharmacy, Mumbai [2014].
- 4) Invited by the University of Mauritius in collaboration with Professor Theeshan Bahorun (National Research Chair) & Dr. Vidushi Neergheen-Bhujun (Associate Professor) to deliver a talk on Biochemistry of Drug Metabolism, Consequences and Case Studies [February, 2016].

### **Workshops/ Seminars Attended:**

- 1) Attended the Global Pharma Summit, at Singapore, sponsored by Shimadzu in 2015.
- 2) Attended 4 AICTE sponsored two weeks Quality Improvement Program (QIP).
- 3) 54th Indian Pharmaceutical Congress in Dec. 2002 at BVCOP Pune.
- 4) 59th Indian Pharmaceutical Congress in Dec. 2007 at B.H.U. Varanasi.
- 5) Seminar on HR summit dated 19<sup>th</sup> November, 2016 which inculcates the industry readiness and employability for graduates (By VESLARC ).
- 6) Work shop by VESLARC on Anger ,Forgiveness and acceptance on 18<sup>th</sup> November, 2016 Speaker : Ms.Preeti Vasudevan.
- 7) Participated as a Delegate in "3<sup>rd</sup> International Conference on Herbal and Synthetic Drug Studies (HSDS-2016) 07<sup>th</sup> to 09<sup>th</sup> January, 2016 at Pune.
- 8) Two days international conference on Global Pharma Summit at Singapore organized by Shimadzu in the year October 2015.

- 9) Participated as a delegate at the AICTE Sponsored Two Day National Conference under the theme "Quality by Design in Pharmaceuticals", organized by Padmashree Dr. D. Y. Patil College of Pharmacy, Akurdi, Pune.
- 10) Participated as a Delegate in One Day National Seminar and Poster competition on "Innovations in Drug Delivery: Trends, Opportunities and Regulatory Aspects" on the 24th of January 2015, at VES College of Pharmacy, Chembur.
- 11) Attended a two day national Conference on "Drug Discovery and Targeting in Metabolic Diseases" on 22<sup>nd</sup> and 23<sup>rd</sup> December 2014 at Dr. Bhanuben Nanavati College of Pharmacy, Vile Parle (West).
- 12) Attended a one day seminar on "IPR: A strategic tool to transform innovations into technologies" on 6<sup>th</sup> September 2014 at Institute of Chemical Technology, Matunga (E).
- 13) Attended a one day seminar on Royal Society of Chemistry One day Seminar on "Drug Discovery and Development" on 30<sup>th</sup> of November 2013 at Bombay College of Pharmacy, Kalina, Santacruz (E).
- 14) Attended a two day seminar on "International Workshop on Research Writing Skills- Publish or Perish" on 12<sup>th</sup> and 13<sup>th</sup> November 2013 at Institute of Chemical Technology, Matunga (E). Co-authored for "Regulation: A necessity in the Pharmaceutical Industry" and "Drug Resistant Tuberculosis."
- 15) Attended two day symposium on Innovative Frontiers in Green Chemistry on 27<sup>th</sup> and 28<sup>th</sup> September 2013 at Vivekanand Education Society's College of Pharmacy, Chembur (E). Co-authored for "Green Chemistry for a Sustainable Future" and "Green Chemistry: A Resourceful Tool."
- 16) Co-authored for "OST-6: An Effective Polyherbal Formulation for the Management of Osteoporosis in Elderly Women" held on 6<sup>th</sup> and 7<sup>th</sup> September 2013 at Oriental College of Pharmacy, Sanpada.
- 17) One day AICTE sponsored seminar on Pharmacovigilance: Safety Questionable at
- 18) BVCOP-Navi Mumbai on August 2011.
- 19) One day seminar on Instrumental analysis: Particle Size Analyzer & DSC at Oriental College of Pharmacy-Navi Mumbai on July 2011.
- 20) One day national seminar on Chiral Chemistry at VESCOP in August 2010.
- 21) One day seminar on Pharmacovigilance at VESCOP in October 2010.
- 22) 59th Indian Pharmaceutical Congress in Dec. 2007 at B.H.U. Varanasi.
- 23) One day National Seminar on Herbal Drugs in Indian Scenario in Jan 2007 at SVBCP College.

- 24) One day seminar on Regulatory & New Drug Development in Jan 2007 at KMK College Colaba.
- 25) Seminar on "Green Chemical Approaches in Organic Synthesis" Organized by Department of Pharmaceutical Chemistry" in April 2006.
- 26) Seminar on "Modules of Drug Discovery – Concept to Development" organized by Industry Institute of Partnership Cell – CU Shah College of Pharmacy in Jan 2007.
- 27) Seminar on "Trends in Pharmaceutical Sciences and Pharmacy Practice" organized by the SVB college of Pharmacy in Sept. 2003.
- 28) 54th Indian Pharmaceutical Congress in Dec. 2002 at BVCOP Pune.
- 29) Seminar on "Elements of Drug Design and Discovery" organized by Industry Institute of Partnership Cell – Bombay College of Pharmacy in 2001.
- 30) Organic Synthesis by IIPC at Bombay College of Pharmacy in 2000.
- 31) Seminar on "Orientation program for Pharmacy Teachers" organized by NDMVP Samaj College of Pharmacy in 1998.