

OUTCOME OF PHARMACY Ph. D. SCHOLARS' RESEARCH
(REGISTERED IN RK UNIVERSITY)

A. RESEARCH GRANTS ACQUIRED

| Sr. No. | Ph. D. Scholar | Title | Details |
|---------|----------------|--|------------------------------------|
| 1 | Pooja Vaghela | Challenges and Opportunities on Crystallization approach to improve physicochemical and processing parameters. | GUJCOST MRP 2014-15 2.2 lacs |

B. FELLOWSHIPS ACQUIRED

| Sr. No. | Ph. D. Scholar | Title | Details |
|---------|-----------------|----------------------------------|-------------------------------|
| 1 | Dhaval Varagiya | Pesticide poisoning in wildlife. | RGNF-2013- 14-SC-GUJ-37575 |

C. INDUSTRY FUNDING ACQUIRED

| Sr. No. | Ph. D. Scholar | Title | Details |
|---------|------------------|---|---|
| 1 | Himanshu Makwana | Bioactivity-guided isolation, characterization, and estimation of phytoconstituents from the leaves and roots of <i>Launaea pinnatifida</i> Cass., a species related to the controversial drug "Gojihva". | Funded by Phyto Life Sciences, Ahmedabad. |

D. PAPER PUBLICATIONS

| Sr. No. | Ph. D. Scholar | Title | Details |
|---------|----------------|--|---|
| 1 | Pooja Vaghela | Improvement of Physicomechanical and Pharmacotechnical Parameters of Ibuprofen by Crystal Engineering. | International Journal of Pharmaceutical Sciences Review and Research. 2016. 39(1): 173-82. ISSN 0976 – 044X. H-index: 19. |
| 2 | Pooja Vaghela | Cocrystals: A novel approach to improve the physicochemical and mechanical properties. | Indo American Journal of Pharmaceutical Research. 2014. 4(10): 5055-65. ISSN: 2231-6876 |

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| 3 | Rushiraj Jani | Design and evaluation of sildenafil citrate fast dissolving film for treatment of erectile dysfunction. | Journal of Chemical and Pharmaceutical Research. 2016. 8(8): 877-91. ISSN: 0975-7384. H-index: 25. |
| 4 | Rushiraj Jani | Hot melt extrusion: An industrially feasible approach for casting orodispersible film. | Asian Journal of Pharmaceutical Sciences. 2015. 10(4): 292-305. ISSN: 1818-0876. H-index: 17. |
| 5 | Sharav Desai | Production and Purification of Pharmaceutically Important Fibrinolytic Enzyme from Bacillus Species. | International Journal of Pharmaceutical Sciences and Drug Research. 2015. 7(6): 493-7. ISSN: 0975-248X. |
| 6 | Snigdha Mandal | Development of Curcumin Loaded Microemulsion Drug Delivery System for Improving its Dissolution Profile. | International Journal of Pharmaceutical Formulation and Analysis. 2013. 4(2): 101-7. ISSN: 0976-5573. |
| 7 | Snigdha Mandal | Brain targeting efficiency of Curcumin loaded mucoadhesive microemulsion through intranasal route. | Journal of Pharmaceutical Investigation. 2016. 46(2): 179–88. ISSN: 2093-6214. H-index: 9. |
| 8 | Snigdha Mandal | Intranasal mucoadhesive microemulsion for neuroprotective effect of curcumin in MPTP induced Parkinson model. | Brazilian Journal of Pharmaceutical Sciences. H-index: 27. (Paper Accepted) |
| 9 | Atul Kathiriya | Selection of Hydrophilic Matrix forming Polymer for Extended-Release Tablet of Repaglinide. | International Journal of Pharmacy Research and Technology. 2014. 4(1): 104-6. ISSN 2250 – 0944. |
| 10 | Atul Kathiriya | Anti Diabetic Drug and Its Delivery System - An Overview. | International Journal of Pharmacy Research and Technology. 2012. 2(1): 7-14. ISSN 2250 – 0944. |
| 11 | Dhananjay Sable | Simultaneous Quantitative Determination of Olmesartan and Hydrochlorothiazide in Human Plasma by Liquid Chromatography- Tandem Mass Spectrometry | American Journal of PharmTech Research. 2016. 6(6): 536-51. ISSN: 2249-3387. |
| 12 | Dhananjay Sable | Simultaneous Determination of Triamterene and | American Journal of PharmTech Research. 2016. 6(5): 153-70. ISSN: 2249-3387. |

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| | | Hydrochlorothiazide In Human Plasma by Liquid Chromatography- Mass Spectrometry. | |
| 13 | Swayamprakash Patel | Box-Behnken Design for Optimization of Self-Micro Emulsifying Formulation of Curcumin Extract: Advancement in Herbal Drug Delivery. | Inventi Rapid: Pharm Tech. 2015. 6(1): 1-9. ISSN: 0976-3783. |
| 14 | Swayamprakash Patel | Development of Self-emulsifying Formulation of Ionizable Water Insoluble BCS Class-II Drug: Rosuvastatin Calcium. | Inventi Rapid: Pharm Tech. 2013. 4(2): 1-6. ISSN: 0976-3783. |
| 15 | Swayamprakash Patel | Solid Self Emulsifying Drug Delivery System: An Emerging Dosage Form for Poorly Bioavailable Drugs. | Inventi Rapid: NDDS. 2012. 3(4): 1-7. ISSN: 0976-3791. |
| 16 | Akruti Khodakiya | Design and Optimization of Novel Microemulsion for Ocular Drug Delivery. | Inventi Rapid: NDDS. 2015. 6(3): 1-8. ISSN: 0976-3791. |
| 17 | Akruti Khodakiya | Development and Evaluation of Microemulsion Based <i>In-situ</i> Gel System for Ocular Drug Delivery. | Inventi Rapid: NDDS. 2015. 6(4): 1-15. ISSN: 0976-3791. |
| 18 | Alok Bhardwaj | Pharmacognostical Screening and Determination of Antioxidant Activity of <i>Nelumbo nucifera</i> Gaertn by Different <i>In Vitro</i> Models. | International Journal of Pharmacy and Pharmaceutical Sciences. 2017. 9(3): 64-70. ISSN: 0975-1491. H-index: 29. |
| 19 | Alok Bhardwaj | A Review on Therapeutic Potential of <i>Nelumbo nucifera</i> (Gaertn): The Sacred Lotus. | International Journal of Pharmaceutical Sciences and Research. 2016. 7(1): 42-54. ISSN: 0975-8232. |
| 20 | Arabinda Nayak | <i>In-vitro</i> Hypoglycemic Activity Evaluation of <i>Marsdenia tenacissima</i> and <i>Sphaeranthus indicus</i> . | Inventi Rapid: Ethnopharmacology. 2014. 5(3): 1-4. ISSN: 0976-3805. |
| 21 | Arabinda Nayak | Phytopharmacognostic Investigation of Marsdenia Tenacissima (Roxb) Moon. | World Journal of Pharmaceutical Research. 2014. 3(9): 891-904. ISSN: 2277– 7105. |

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| 22 | Arabinda Nayak | Anti-diabetic potential of medicinal plants. | BioMedRx: An international journal. 2013. 1(1): 32-46. ISSN: 2321-4988. |
| 23 | Dharmik Patel | New Onset of Diabetes Mellitus in Indian Renal Transplant Recipient - A Retrospective Study. | International Journal of Pharmacy and Pharmaceutical Sciences. 2015. 7(11): 228-32. ISSN: 0975-1491. H-index: 29. |
| 24 | Dharmik Patel | Prescription Trends of Immunosuppressant Drugs in Indian Renal Transplant Patients. | International Journal of Pharmaceutical Sciences and Drug Research. 2015. 7(4): 334-9. ISSN: 0975-248X. |
| 25 | Dharmik Patel | Hypertension in Renal Transplant Patient. | International Journal of Pharmaceutical and Clinical Research. 2014. 6(4): 377-84. ISSN: 0975-1556. H-index: 5. |
| 26 | Ekta Sharma | Stability Indicating RP-HPLC Method Development and Validation for Pseudoephedrine Sulphate and Desloratadine Hydrochloride in Tablet Dosage Form. | Indo American Journal of Pharmaceutical Research. 2015. 5(10): 3348-57. ISSN: 2231-6876. |
| 27 | Ekta Sharma | Stability Indicating RP-HPLC Method Development and Validation for Pseudoephedrine Hydrochloride and Fexofenadine Hydrochloride in Tablet Dosage Form. | International Journal of Pharmaceutical Sciences and Research. 2016. 6(12): 5245-52. ISSN: 0975-8232. |
| 28 | Ekta Sharma | Review on Various Quantitative Methods Available To Detect Antihistaminic Drugs Alone and in Combination with Other Drugs in Pharmaceutical Formulation. | International Journal of Pharmaceutical Sciences Review and Research. 2013. 22(1): 177-87. ISSN: 0976 – 044X. H-index: 19. |
| 29 | Hemant Patel | Simultaneous Determination of Nebivolol and Hydrochlorothiazide in Tablet Dosage Form by Dual Wave Length Spectroscopy Method. | Inventi Rapid: Pharm Analysis & Quality Assurance. 2013. 4(1): 1-5. ISSN: 0976-3813. |
| 30 | Hemant Patel | UV Spectroscopic Method for Simultaneous Estimation of Nebivolol and Indapamide in Tablet Dosage Form by Simultaneous Equation Method | Inventi Rapid: Pharm Analysis & Quality Assurance. 2013. 4(4): 1-5. ISSN: 0976-3813. |

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| 31 | Hemant Patel | Development of Validated RP-HPLC Method for Simultaneous Estimation of Carvedilol and Ivabradine. | World Journal of Pharmacy and Pharmaceutical Sciences. 2015. 4(5): 630-9. ISSN: 2278-4357. |
| 32 | Hemant Patel | Development and validation of RP-HPLC method for simultaneous estimation of Nebivolol and Indapamide in bulk and pharmaceutical dosage form. | International Journal of Pharmaceutical Frontier Research. 2013. 3(1): 63-73. ISSN: 2249-1112. |
| 33 | Hemant Patel | A Review on Simultaneous Determination of Beta Blockers by High Performance Liquid Chromatography (HPLC) in Formulated and Unformulated Samples. | Inventi Rapid: Pharm Analysis & Quality Assurance. 2013. 4(1): 1-8. ISSN: 0976-3813. |
| 34 | Jasmin Garala | Transdermal Iontophoresis of Diltiazem Hydrochloride: Effect of Concentration and Electrical Factors. | International Journal of Pharmacy & Technology. 2012. 4(3): 4679–89. ISSN: 0975-766X. H-index: 9. |
| 35 | Jasmin Garala | To study the effect of iontophoresis on transdermal patch of Diltiazem HCl. | International Journal of PharmTech Research. 2016. 9(9): 200-7. ISSN: 2455-9563. H-index: 35. |
| 36 | Jasmin Garala | Optimization of Factors Affecting Iontophoretic Drug Delivery of Diltiazem Hydrochloride Using Factorial Design. | Journal of Global Pharma Technology. 2017. 1(9): 1-7. ISSN: 0975-8542. H-index: 8. |
| 37 | Jasmin Garala | Transdermal Permeation Enhancement by Iontophoresis: A Review. | International Journal of Advances in Pharmaceutical Research. 2012. 3(7): 1021-32. ISSN: 2230–7583. |
| 38 | Jaykrishna Patel | Review on Abortion-Abortifacients to explore Unethical Issues. | Journal of Pharmaceutical Science and Biopharmaceutical Research. 2012. 2(5): 213-8. ISSN: 2271-3681. |
| 39 | Jaykrishna Patel | Market Survey of Abortifacients to Explore Unethical Issues. | Journal of Pharmaceutical Science and Biopharmaceutical Research. 2013. 3(1): 26-31. ISSN: 2271-3681. |
| 40 | Jaykrishna Patel | Comparative Study of Poly-Herbal Formulations with | Journal of Pharmaceutical Science and Biopharmaceutical |

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| | | Allopathic Drug for Abortifacient Activity on Wistar Rat. | Research. 2015. 5(2): 156-64. ISSN: 2271-3681. |
| 41 | Jigar Goswami | Stability Indicating RP – HPLC Method for Combination of Ambroxol Hydrochloride and Cefixime Trihydrate In Pharmaceutical Formulation. | Indo American Journal of Pharmaceutical Research. 2015. 5(5): 2021-30. ISSN: 2231-6876. |
| 42 | Jigar Goswami | Stability Indicating RP – HPLC Method for Combination of Ambroxol Hydrochloride and Cefadroxil Monohydrate in Pharmaceutical Formulation. | International Journal of Pharmaceutical Sciences and Research. 2017. 8(3): 1220-8. ISSN: 0975-8232. |
| 43 | Jigar Goswami | Review of Drugs and its Analytical Methods to Treat Allergic Rhinitis in Combination With Other Drugs in Different Dosage Form. | International Journal of Pharmacy and Pharmaceutical Sciences. 2013. 5(3): 940-9. ISSN: 0975-1491. H-index: 29. |
| 44 | Mosami Kanani | Formulation, Evaluation and Comparison of Exemestane Nanoparticles Prepared by Nanoprecipitation Method and Spontaneous Emulsification Solvent Diffusion Method. | International Journal of PharmTech Research. 2015. 8(8): 236-49. ISSN: 2455-9563. H-index: 35. |
| 45 | Mosami Kanani | Development And Characterization Of Polymeric Nanoparticulate Delivery System For Exemestane. | International Journal of Pharma and Bio Sciences. 2015. 6(1): 796 – 809. ISSN: 0975-6299. H-index: 19. |
| 46 | Mosami Kanani | Nanoparticles As The “Precursors” Of The Next Technological Revolution Of The 21 st Century – Nanotechnology. | Indo-Global Research Journal of Pharmaceutical Sciences. 2012. 2(3): 383-90. ISSN: 2249-4189. |
| 47 | Pinak Patel | High Performance Thin Layer Chromatographic Method with Densitometry Analysis for Determination of Artesunate and Mefloquine Hydrochloride from its Combined Pharmaceutical Formulation. | Inventi Rapid: Pharm Analysis & Quality Assurance. 2014. 5(2): 1-7. ISSN: 0976-3813. |
| 48 | Pinak Patel | High Performance Thin Layer Chromatographic Method with | Inventi Rapid: Pharm Analysis & Quality Assurance. 2015. 6(1): 1-7. ISSN: 0976-3813. |

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| | | Densitometry Analysis for Determination of Artemether and Lumefantrine from its Combined Pharmaceutical Formulation. | |
| 49 | Pinak Patel | Review on: Potential Problems Associated with Estimation of Artemisinin Derivatives and Other Agents in Combination Used in Treatment of Falciparum from Biological Fluids, Pharmaceutical Formulation and Bulk. | Inventi Rapid: Pharm Analysis & Quality Assurance. 2015. 6(3): 1-4. ISSN: 0976-3813. |
| 50 | Meghna Patel | First Order Derivative Spectrophotometric Method for Simultaneous Estimation of Amlodipine Besylate and Indapamide in Combined Pharmaceutical Dosage Form. | Asian Journal of Research in Chemistry. 2014. 7(7): 615-8. ISSN: 0974-4169. |
| 51 | Meghna Patel | A Review of Analytical Methods for Determination of Olmesartan Medoxomil and Indapamide in Pharmaceutical Dosage Form. | Inventi Rapid: Pharm Analysis & Quality Assurance. 2014. 5(4): 1-9. ISSN: 0976-3813. |
| 52 | Rupal Jani | Modified Release of Diltiazem Hydrochloride Using Transdermal Drug Delivery System. | International Journal of Pharmaceutical Research and Bio-Science. 2012. 1(4): 360-70. ISSN: 2277-8713. |
| 53 | Rupal Jani | A Review on Delivery of Antihypertensive Drugs through Transdermal Systems. | International Journal of Pharmaceutical and Chemical Sciences. 2012. 1(4): 1461-74. ISSN: 2277-5005. |
| 54 | Vipul Patel | Studies on Film Coated Pulsatile Release Formulation of Aceclofenac And Serratiopeptidase. | Pharma Science Monitor. 2015. 6(1): 38-50. ISSN: 0976-7908. |
| 55 | Vipul Patel | Studies on pulscinap formulation of aceclofenac and serratiopeptidase for treatment of inflammatory disorders. | Journal of Chemical and Pharmaceutical Research. 2015. 7(12):750-62. ISSN: 0975-7384. H-index: 25. |

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| 56 | Vipul Patel | Self Emulsifying Drug Delivery System: A Conventional and Alternative Approach to Improve Oral Bioavailability of Lipophilic Drugs. | International Journal of Drug Development & Research. 2010. 2(4): 859-70. ISSN: 0975-9344. H-index: 12. |
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E. CONFERENCE PARTICIPATION

| Sr. No. | Ph. D. Scholar | Title | Details |
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| 1 | Pooja Vaghela | Poster: An improvement of Physicochemical and processing parameters of Ibuprofen crystals. | GUJCOST-sponsored National symposium organized by Faculty of Pharmacy, Dr. Subhash Technical Campus, Junagadh, 2015. |