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ROFEL SHRI G.M. BILAKHIA COLLEGE OF PHARMACY

APPROVED BY ALL INDIA FOR COUNCIL FOR TECHNICAL EDUCATION (AICTE) AND PHARMACY COUNCIL OF INDIA (PCI)
AFFILIATED TO GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD

Run by Rotary Foundation for Education and Learning (ROFEL) Trust

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Research Publications in Journals during Year 2019

1. Megha Shah and Harsha Patel, Development and validation of absorbance correction method and first order derivative spectrophotometric method for simultaneous estimation of gallic acid, ellagic acid and curcumin in polyherbal antidiabetic dosage forms. **International Journal of Pharmaceutical Research**, 2019; 11 (1); 216-222. (ISSN 0975-2366).
2. Shah M A, Patel H U and Hashumati R. Development and Validation of a chemometrics assisted spectroscopic methods for the simultaneous estimation of gallic acid, ellagic acid and curcumin in polyherbal antidiabetic formulations. **Indian Drugs**, 2019; 56(6): 66-72. (ISSN 0019-462X)
3. Hitesh Dalvadi, Komal Parmar and Suryabali Yadav. Spherical agglomeration to improve dissolution and micromeritic properties of an anticancer drug, bicalutamide. **Drug Development and Industrial Pharmacy**, 2019; 45(6): 968-980.(ISSN 1520-5762)
4. Madhuri A Hinge, Dipti Patel and Alisha Patel, Development and validation of UV spectrophotometric method for simultaneous estimation of Torsemide and eplerenone in bulk drugs and combined dosage form. **International Journal of Pharmaceutical Sciences Review and Research**, 2019; 56(2): 63-67.(ISSN 0976-044X)
5. Madhuri Hinge and Dipti Patel, Analytical techniques for determination of torsemide and its combinations: a review, **Journal of Pharmaceutical Science and Bioscientific Research**, 2019; 9(2): 149-164. (ISSN 2271-3681)
6. Patel T and Hinge M. Development and validation of UV-spectrophotometric method for estimation of gallic acid in herbal formulation. **International Journal of Recent Scientific Research**. 2019; 10(10):35391-35396 (ISSN: 0976-3031).
7. Preeti Patel, Jitendra Kumar Badjatya and Madhuri Hinge. Comparative study of regulatory requirement of drug patent product in emerging market. **International Journal of Drug Regulatory Affairs**, 2019; 7(3): 40-54. (e-ISSN 2321-6794).
8. Prachi Jitendra Patel and Madhuri Hinge. Quantitative estimation of aloin in aloe vera and its commercial formulation by using UV spectroscopy. **International Journal of Environmental Sciences and Natural Resources**, 2019; 21(3): MS.ID.556064 (ISSN 2572-1119).



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9. Trupti Bhandari, Alisha Patel, Khyati Dhodi, Zalak Desai and Saloni Desai. Determination of methyl paraben from cosmetics by UV spectroscopy. ***International Journal of Pharmaceutical Sciences Review and Research***, 2019; 59(1): 17-21. (ISSN 0976-044X)
10. Ankita Kamli, Megha Shah and Madhuri Hinge. Area under curve method and first order derivative spectrophotometric method for simultaneous estimation of candesartan cilexetil and amlodipine besylate in synthetic mixture. ***Journal of Pharmaceutical Science and Bioscientific Research***, 2019; 9 (4): 192-199. (ISSN 2271-3681)
11. Khushbu Patel, Rupali Patel and Megha Shah. UV spectrophotometric methods for the determination of perphenazine in dosage form. ***Journal of Pharmaceutical Science and Bioscientific Research***, 2019; 9 (5): 230-236. (ISSN 2271-3681).
12. Rupali Patel, Khusbu Patel and Megha Shah. Environmental-friendly herbal indicators as a substituent to synthetic indicators. ***Journal of Pharmaceutical Science and Bioscientific Research***, 2019; 9 (5): 237-242. (ISSN 2271-3681).
13. Kumbhar Riddhi and Desai Shuchi. Green analytical chemistry and its metrics- an initiative for a greener and safer tomorrow, ***International Journal of Pharmaceutical Sciences Review and Research***, 2019; 55(2): 24-31. (ISSN 0976-044X)
14. Shreya Naresh Naik and Shuchi Desai. Estimation and comparison of hydroalcoholic and water extract for sun protection factor activity from naturally available resources. ***International Journal of Environmental Sciences and Natural Resources***, 2019; 21(1): MS.ID.556052 (ISSN 2572-1119).
15. Anal Parimal Desai and Shuchi Desai. UV spectrophotometric method for determination of vitamin C (ascorbic acid) content in different fruits in south Gujarat region. ***International Journal of Environmental Sciences and Natural Resources***, 2019; 21(2): MS.ID.556056 (ISSN 2572-1119).
16. Priya Patel, Rajvi Mahida and Rita Prajapati. Spectrophotometric determination of dapoxetine in its pharmaceutical dosage form using quality by design approach. ***Journal of Pharmaceutical Science and Bioscientific Research***, 2019; 9(5): 253-259 (ISSN No. 2271-3681).
17. Rita B Prajapati, Priya B Patel and Rajvi Mahida. Spectrophotometric determination of chlorpheniramine maleate in its pharmaceutical dosage form using quality by design approach. ***Journal of Pharmaceutical Science and Bioscientific Research***, 2019; 9(5): 260-267 (ISSN No. 2271-3681).



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18. Shreya Naik and Shuchi Desai. Review on analytical method for quantitative estimation of nadifloxacin and mometasone furoate in combined cream dosage form. ***International Journal of Research and Analytical Reviews***, 2019; 6(2): 597-609 (ISSN 2349-5138).
19. Anal Desai and Shuchi Desai. Review on analytical methods for quantitative determination of nadifloxacin and adapalene in combined dosage form. ***International Journal of Research and Analytical Reviews***, 2019; 6(2): 840-854 (ISSN 2349-5138).
20. Parmar Drasti Mukeshsinh, Madhuri Hinge and Dhodi Khyati Khalpa. Solubility enhancement of ranolazine by hydrotropic method. ***International Journal of Research and Analytical Reviews***, 2019; 6(2): 335-343 (ISSN 2349-5138).
21. Khyati K Dhodi, Alisha Patel, Trupti Bhandari, Zalak Desai and Drasti Parmar. Solubility enhancement of drug Zotepine using urea by hydrotropic method. ***International Journal of Research and Analytical Reviews***, 2019; 6(2): 971-977 (ISSN 2349-5138).
22. Suchi Desai, R. K. Jat and Hitesh Dalvadi. Simultaneous determination of Darunavir and Cobicistat in its binary mixture by Q- Absorbance Ratio Method. ***Pharma Science Monitor***. 2019; 10(2): 127-136 (ISSN 0976-7908)
23. Kharat Amol, Farooqui Zakera and Kharat Kiran Ramesh. Free radical scavenging potential of Mentha arvensis of south gujrat: Evidence from In- Vitro assay. ***Journal of Drug Delivery and Therapeutics***. 2019; 9(3): 263-268 (ISSN 2250-1177)