



# KVSR Siddhartha College of Pharmaceutical Sciences

Siddhartha Nagar, Vijayawada - 520010, AP, INDIA

Phone No.: 0866: 2479775, 2493347

Website: [www.kvrsiddharthapharma.edu.in](http://www.kvrsiddharthapharma.edu.in)



## RESEARCH PUBLICATIONS – 2020

### Department of Pharmaceutical Analysis

| S.No | Author & Co-Authors                                                               | Title                                                                                                                                                                                    | Journal name                                                                  | ISSN Number |
|------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------|
| 1.   | Pasam Jyothrimayi,<br><b>G.Devalarao</b> ,<br>Mandava Venkata<br>Basaveswararao   | Optimization of Pulsatile<br>Compression Coated Floated<br>Tablets of Tramadol HCL for<br>Chronopharmacotherapy of<br>Rheumatoid Arthritis Pain Using<br>2 <sup>3</sup> Factorial Design | Research J. Pharm.<br>and Tech,<br>2020,13(12):5823-5830<br><br><b>SCOPUS</b> | 0974-3618   |
| 2.   | Haritha Meda,<br><b>Devalarao G</b> ,<br>Harini Chowdary. V,<br>Mandava BhuvanTej | Fabrication and In-vitro<br>Evaluation of Valsartan<br>Nanosuspensions.                                                                                                                  | Current Pharmacy<br>Research,<br>2020,10(3):3748-3758                         | 2230-7842   |
| 3.   | <b>Marella Vijaya Lakshmi</b> ,<br>M.Pavani and Garikapati<br>Devala Rao          | RP-HPLC Method for<br>Determination of Mebeverine<br>Hydrochloride in Dosage Forms<br>Employing MS Compatible<br>Buffers                                                                 | Indian Drugs,<br>2020,57(03):69-72<br><br><b>SCOPUS</b>                       | 0019-462X   |

### Department of Pharmaceutics and Biotechnology

| S.No | Author & Co-Authors                                               | Title                                                                                                                               | Journal name                                                                             | ISSN Number |
|------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------|
| 1.   | <b>Buchi N.Nalluri</b> ,<br>M.Lakshmi Prasanna,<br>TharunKumar. B | Development of Validated<br>Chiral RP-HPLC-PDA Method<br>for the Estimation of Cetrizine<br>Enantiomers in Bulk and<br>Dosage Forms | World Journal of<br>Pharmacy and<br>Pharmaceutical<br>Sciences,<br>2020 , 9(8):1844-1857 | 2278-4357   |
| 2.   | Salma Shaik,<br>Sudhir Maddela<br><b>Buchi N.Nalluri</b>          | Development of Capecitabine<br>Floating Tablets Dosage<br>Forms for Treating<br>Stomach Cancer                                      | Journal of Drug<br>Delivery &<br>Therapeutics,<br>2020,10(3-s):199-205                   | 2250-1177   |

|     |                                                                                                                                    |                                                                                                                                                                                                                                                          |                                                                                                 |           |
|-----|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------|
| 3.  | <b>BuchiN.Nalluri</b> ,<br>Tharun Kumar B,<br>P.Kalyani.                                                                           | Development and Validation<br>of Rapid RP-HPLC-PDA<br>Method for the Analysis of<br>Curcumin in Bulk Form                                                                                                                                                | World Journal of<br>Pharmacy and<br>Pharmaceutical Sciences<br>2020,9(8):2499-2509              | 2278-4357 |
| 4.  | Nagarjuna.PJ. ,<br>Tharun Kumar B,<br><b>BuchiN.Nalluri</b>                                                                        | Simultaneous Analysis<br>of Phenylephrine HCL<br>and Ketorolac Tromethamine<br>in Bulk and Injectable<br>Formulations by<br>RP-HPLC-PDA method                                                                                                           | Journal of Drug<br>Delivery and<br>Therapeutics,<br>2020,10(4-s):39-45                          | 2250-1177 |
| 5.  | Hanna Kotlowska,<br>Joanna Krotka,<br>Marta Szymanska,<br>Bartlomiej Kubiak,<br>Malgorzata Sznitowska &<br><b>Buchi N. Nalluri</b> | The Use of Novel Tools for<br>the Assessment of Powders<br>and Granules Flow Properties<br>and for the Analysis of<br>Minitablets Compression<br>Process                                                                                                 | Drug Development and<br>Industrial Pharmacy,<br>2020, 46(4): 547-556<br><br><b>SCIE</b>         | 0363-9045 |
| 6.  | Sudhir M,<br>Pavan Kumar M,<br>Maha Lakshmi U,<br>Buchi N. Nalluri                                                                 | Development of Validated<br>RP- HPLC-PDA Method<br>ForThe Analysis of<br>Almotriptan In Bulk And<br>Different Dosage Forms<br>And In Dissolution Samples                                                                                                 | International Journal of<br>Life Science and Pharma<br>Research<br>2020, SP-69; 366-373         | 2250-0480 |
| 7.  | Sudhir M,<br>Pavan Kumar M,<br>Maha Lakshmi U,<br><b>Buchi N. Nalluri</b>                                                          | A Validated Reverse Phase-<br>HPLC- PDA Method For<br>Estimation of Zolmitriptan In<br>Bulk And Dosage Forms                                                                                                                                             | International Journal of<br>Life Science and Pharma<br>Research<br>2020, SP-67; 352-358         | 2250-0480 |
| 8.  | Apoorva.K, Sai Sowjanya,<br>Naga Manasa,<br><b>Ramana Gangireddy</b>                                                               | Design and In Vitro<br>Evaluation of Gastro<br>Retentive Drug Delivery<br>Systems of Metoprolol<br>Succinate                                                                                                                                             | Research Journal of<br>Pharmacy and<br>Technology ,<br>2020,13(8):1 -11<br><br><b>SCOPUS</b>    | 0974-330X |
| 9.  | P. Vishnu, N. Sadhana,<br><b>K.Naveen Babu</b> ,<br>M. Suneetha Reddy,<br>K. Maheswari                                             | Preparation and Evaluation of<br>Valsartan Cubosomes                                                                                                                                                                                                     | International Journal of<br>Pharmaceutical<br>Research,<br>2020,12 (4):287-296                  | 0975-2366 |
| 10. | Madhavi Mannam,<br>Lavanya Nalluri Ravindra<br>Babu Pingili,<br>Jaidev Sudagani,<br><b>Naveen Babu Kilaru</b>                      | Assessment of Drug Utilization<br>Pattern, Prevalence and Risk<br>Factors for the Development of<br>Diabetic Retinopathy<br>Among Type 2 Diabetes in<br>Patients in A South Indian<br>Tertiary Care Hospital: A Cross-<br>Sectional Observational Study. | International Journal of<br>Research<br>in Pharmaceutical<br>Sciences,<br>2020, 11(2):2383-2398 | 0975-7538 |

|     |                                                                                                                                                                                 |                                                                                                                                                                                                                                         |                                                                                                                                   |           |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------|
| 11. | Madhavi Mannam,<br>Lavanya Nalluri,<br>Dhanalakshmi Pinnika,<br>Mounika Pothuraju,<br>Ravindrababu Pingili,<br>Anjani Kumar C,<br>Jaidev Sudagani,<br><b>Naveen Babu Kilaru</b> | A cross-sectional<br>observational study on drug<br>utilisation pattern, prevalence<br>and risk factors for the<br>development of diabetic<br>nephropathy among type 2<br>diabetic patients in a south<br>indian tertiary care hospital | International Journal of<br>Research in<br>Pharmaceutical<br>Sciences,<br>2020,11(1):93-108<br><br><b>SCOPUS</b>                  | 0975-7538 |
| 12. | <b>A.Bharathi,</b><br>K.Tanvija,<br>D.Chandra Sekhar Naik.                                                                                                                      | Design, Optimization and<br>Evaluation of Irbesartan Fast<br>Dissolving Tablets Employing<br>Novel Synthetic<br>Superdisintegrants                                                                                                      | Research J. of Pharm.<br>and Tech.,<br>2020,13(5):2174-2180<br><br><b>SCOPUS</b>                                                  | 0974-3618 |
| 13. | <b>A.Bharathi ,</b><br>K.VijayaSree<br>and<br>D. Chandra Sekhar Naik.                                                                                                           | Formulation And Evaluation of<br>Roflumilast Fast Dissolving<br>Tablets Employing Lepidium<br>Sativum Mucilage Using 2 <sup>3</sup><br>Factorial Design.                                                                                | InternationalJournal of<br>PharmTech Research,<br>2020,13(01):52-65                                                               | 0974-4304 |
| 14. | V.N. Sai Bindu Madhavi<br>Patiballa,<br>Ramya Bandarupalli,<br>Chandana Madala, ,<br>Anjani Gayathri Vegesna,<br>Rupa Sree Devi Vemuri,<br><b>Kanaka Durga Devi<br/>Nelluri</b> | In silico Docking of<br>Endophytic Fungi<br>Cytoglobosins to Bovine<br>Coronavirus<br>3CI4 Receptor                                                                                                                                     | Online Journal of<br>Veterinary Research,<br>2020, 24(7): 407-412<br><br><b>WEB OF SCIENCE</b>                                    | 1328-925X |
| 15. | Sahithi Kamepalli,<br>Sireesha Uppalapati,<br>Himabindu U.,<br>Suranjan B and<br><b>N.Kanaka Durga Devi</b>                                                                     | Clinical Updates and Potential<br>Treatments Against COVID-19                                                                                                                                                                           | The Indian Pharmacist,<br>2020,18 03): 31-36.                                                                                     | 0972-7914 |
| 16. | <b>Jyothirmayee Devineni,</b><br>Ch. Durga Pravallika,<br>Boothapati Sudha Rani,<br>Buchi Naidu Nalluri                                                                         | Effective Single Drug Treatment<br>of Lymphatic Filariasis through<br>Enhanced Transdermal Delivery<br>of Ivermectin Liposomes using<br>Solid and Dissolving<br>Microneedles                                                            | Indian Journal of<br>Pharmaceutical<br>Education and Research,<br>2020, 54(3); S492-S504.<br><br><b>SCOPUS<br/>&amp;<br/>SCIE</b> | 0019-5464 |
| 17. | Vinutha. K,<br><b>Ravi Shankar Kunderu</b>                                                                                                                                      | Kinetic Spectrophotometric<br>Determination<br>of Emtricitabine and Tenofovir<br>Disoproxil Fumarate in Bulk and<br>Pharmaceutical<br>Dosage Form                                                                                       | International Journal of<br>Pharmaceutical<br>Research,<br>2020, 12(3); 1142-1148<br><br><b>SCOPUS</b>                            | 0975-2366 |

## Department of Pharmacology

| S.No | Author & Co-Authors                                                                                                                                                                                        | Title                                                                                                                                                                                                                              | Journal name                                                                                                                       | ISSN Number |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 1.   | RamaKrishna Rayiti,<br>Siva Ram Munnangi,<br>Ramya Bandarupalli,<br>Vennela Chakka, Sree<br>Lakshmi Nimmagadda,<br>Lal Saheb Sk,<br>Sireesha Uppalapati,<br>Revathi Bolla and<br><b>Siva Reddy Challa.</b> | Effect of chrysin on mechanical hyperalgesia in chronic constriction injury-induced neuropathic pain in rat model.                                                                                                                 | International Journal of Applied & Basic Medical Research<br>2020; 10(3):189-193<br><br><b>WEB OF SCIENCE &amp; PMC &amp; ESCI</b> | 2248-9606   |
| 2.   | Mounika Alam,<br>Divya Arangi,<br>Yamini Manjusha Bandi,<br><b>G. Vijay Kumar</b><br>And<br>Aswini P Singh                                                                                                 | A Qualitative Study Exploring Patient Perception on the Role of Pharmacist Based Patient Counseling in a Tertiary Care Hospital                                                                                                    | International Journal of Life Sciences and Pharma Research,<br>2020, SP-89: 471-475.<br><br><b>WEB OF SCIENCE &amp; ESCI</b>       | 2250-0480   |
| 3.   | Madhavi Mannam,<br>Lavanya Nalluri,<br>Dhanalakshmi Pinnika,<br>Mounika Pothuraju,<br><b>Ravindrababu Pingili,</b><br>Anjani Kumar C,<br>Jaidev Sudagani,<br>Naveen Babu Kilaru                            | A cross-sectional observational study on drug utilisation pattern, prevalence and risk factors for the development of diabetic nephropathy among type 2 diabetic patients in a south Indian tertiary care hospital                 | International Journal of Research in Pharmaceutical Sciences,<br>2020, 11(1):93-108<br><br><b>SCOPUS</b>                           | 0975-7538   |
| 4.   | Madhavi Mannam,<br>Lavanya Nalluri<br><b>Ravindra Babu Pingili,</b><br>Jaidev Sudagani,<br>Naveen Babu Kilaru                                                                                              | Assessment of Drug Utilization Pattern, Prevalence and Risk Factors for the Development of Diabetic Retinopathy Among Type 2 Diabetes in Patients in A South Indian Tertiary Care Hospital: A Cross-Sectional Observational Study. | International Journal of Research in Pharmaceutical Sciences,<br>2020, 11(2):2383-2398                                             | 0975-7538   |

## Department of Pharmaceutical Chemistry

| S.No | Author & Co-Authors                                                                                                                | Title                                                                                                         | Journal name                                                                  | ISSN Number |
|------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------|
| 1.   | Aziz Unnisa,<br>Abouzied Amr S,<br><b>Anupama B,</b><br><b>Chenchu Lakshmi KNV,</b><br>Rama Devi Kunduru,<br>Kesava Narayanan .K S | Design Synthesis, Computational Study and Biological Evaluation of 6-Aryl Substituted Pyrimidine Schiff Bases | Pharmacophore,<br>2020,11(6),74-103<br><br><b>SCOPUS &amp; WEB OF SCIENCE</b> | 2229-5402   |

|    |                                                                                                                                                                                                                                        |                                                                                                                                                                                         |                                                                                                                  |           |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------|
| 2. | Aziz Unnisa, Amr S. Abouzied,<br><b>Anupama Baratam,</b><br><b>K.N.V Chenchu Lakshmi,</b><br>Talib Hussain,<br>Rama Devi Kunduru,<br>Humera Banu,<br>Syeda Bushra Fatima,<br>Arshad Hussian,<br>Kesavanarayanan<br>Krishnan Selvarajan | Design, Synthesis,<br>Characterization, Computational<br>Study and In-Vitro Antioxidant<br>and Anti-Inflammatory<br>Activities of Few Novel<br>6-Arylsubstituted Pyrimidine<br>Azo Dyes | Arabian Journal of<br>Chemistry,<br>2020,13, 8638–8649<br><br><b>WEB OF SCIENCE</b>                              | 1878-5352 |
| 3. | <b>B. Anupama,</b><br>P.Tejaswi,<br>KNV Chenchulakshmi,<br>And<br><b>A. Vishwanadh</b>                                                                                                                                                 | Development And Validation<br>of RP-HPLC Method For<br>Estimation of Edoxaban<br>Tosylate In Tablet Dosage<br>Forms                                                                     | Indian Drugs<br>2020,57 (07):47-51                                                                               | 0019-462X |
| 4. | <b>KNV Chechu Lakshmi,</b><br>Baratam Anupama,<br>Gulapalli Yamini,<br>Manne Navya Tejasree<br>and Mallampati Sai Sree                                                                                                                 | IN-SILICO tools in the<br>Prediction of Coumarin Schiff<br>Bases as Potentially Active<br>Compounds: A Comparative<br>Study                                                             | International Journal of<br>Pharmaceutical Sciences<br>and Research,<br>2020, 11(7): 3172-3180.                  | 2320-5148 |
| 5. | <b>Tangirala Sarala Devi,</b><br>Galla Rajitha,<br>Konda Swathi,<br>Katari Sudheer Kumar and<br>Amineni Uma Maheswari                                                                                                                  | Synthesis,Molecular Docking<br>Studies<br>and Biological Evaluation of N-<br>Acylaryhydrazones as<br>Anti-Inflammatory Agents                                                           | Advances in<br>Experimental Medicine<br>and Biology,<br>2020, 5,137-148<br><br><b>SPRINGER</b>                   | 0065-2598 |
| 6. | Prathibha Bharthi Mare,<br>Alagarasamy Veerachamy,<br>Shiva Prasad Sagili,<br><b>Saritha Reddy,</b><br>Vishaka Kulkarni                                                                                                                | Antioxidant Activity of Carissa<br>Spinarum                                                                                                                                             | International Journal of<br>Pharmacy and<br>Pharmaceutical<br>Research,<br>2020,19(4): 156-171<br><br><b>UGC</b> | 2349-7203 |

## Department of Pharmacy Practice

| S.No | Author<br>&<br>Co-Authors                                                                                                                                 | Title                                                                                                                                                     | Journal name                                                              | ISSN<br>Number |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------|
| 1.   | Saranya Pulimala,<br><b>Vijaya Kumar Ghanta,</b><br>Srinivasu Kola,<br>Pavani Jyothi Kavuri,<br>Hindola Kancherla,<br>S Sai Premika,<br>M Mahima Swaroopa | Assessment and Evaluation of<br>Health Related Quality of Life<br>after Coronary Artery Bypass<br>Grafting (CABG) in a Tertiary<br>Care Teaching Hospital | Indian Journal of<br>Pharmacy and<br>Pharmacology,<br>2020, 7(2): 136-141 | 2393-9079      |

|    |                                                                                                                                              |                                                                                                                                                         |                                                                                                                                    |           |
|----|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 2. | Mounika Alam,<br>DivyaArangi,<br>Yamini Manjusha Bandi,<br><b>G. Vijay Kumar</b><br>And Aswini P Singh                                       | A Qualitative Study Exploring<br>Patient Perception on the Role of<br>Pharmacist Based Patient<br>Counseling in a Tertiary Care<br>Hospital             | International Journal<br>of Life Sciences and<br>Pharma Research,<br>2020, SP-89: 471-475.<br><b>WEB OF SCIENCE<br/>&amp; ESCI</b> | 2250-0480 |
| 3. | <b>M. Mahima Swaroopa,</b><br>Reddy Praveen,<br>S. K. Lal Saheb,<br>S. K. Sai Rinnisha,<br>P. Saranya, D. Aakash<br>Teja,<br>G. Vijaya Kumar | Assessment Of 10-Year Risk Of<br>Developing A Major<br>Cardiovascular Event In Patients<br>Attending A Hospital For The<br>Treatment Of Other Disorders | International Journal of<br>Pharmacy and<br>Pharmaceutical<br>Sciences,<br>2020,12(7): 74-78<br><b>SCI INDEX</b>                   | 2656-0097 |
| 4. | <b>M. Mahima Swaroopa,</b><br>P. Saranya,<br>S Sai Premika &<br>CH. Sri Varsha                                                               | The Impact of Folic Acid<br>Supplementation on Pregnancy                                                                                                | J. of Bio.Innov.,<br>2020, 9(0): 778-783.                                                                                          | 2277-8330 |
| 5. | <b>Mandava Mahima<br/>Swaroopa,</b><br>Sajja Sai Premika,<br>Chinnam Sri Varsha,<br>Pulimala Saranya.                                        | Role of Autophagy on<br>Chemotherapy                                                                                                                    | International Journal of<br>Pharmacy<br>& Technology,<br>2020, 12(1): 6996-7003                                                    | 2319-5878 |
| 6. | <b>Mandava Mahima<br/>Swaroopa,</b><br>Chinnam Sri Varsha,<br>Pulimala Saranya Raj<br>and Sajja Sai Premika                                  | Adrenocortical Carcinoma                                                                                                                                | International Journal of<br>Modern Pharmaceutical<br>Research,<br>2020, 4(2): 97-103                                               | 2319-5878 |
| 7. | <b>Mahima Swaroopa</b><br>P. Saranya.                                                                                                        | The Corona Virus Disease<br>(Covid-19)<br>May Cause Depression and<br>Anxiety                                                                           | Clinical Psychiatry,<br>2020: 6(3): 72                                                                                             | 2471-9854 |
| 8. | U. Sireesha, <b>P. Saranya,</b><br>U. Hima Bindu,<br>M. Mahima Swaroopa                                                                      | Molecular Docking Study to<br>Identify the Best Among the<br>Approved Anti-Viral Drugs                                                                  | International Journal of<br>Science and Research<br>2020, 9(4), 714-718                                                            | 2319-7064 |
| 9. | <b>P. Saranya,</b><br>S.Pavani,<br>Ramalingam,<br>M. Mahima Swaroopa,<br>R.Hari babu.                                                        | Complete Androgenin Sensitivity<br>Syndrome Presenting with<br>Primary Amenorrhoea and<br>Inguinal Mass: A Case Report                                  | International Journal<br>of Research in<br>Medical Sciences,<br>2020, 8(7): 2698-<br>2700                                          | 2320-6071 |