

## **FACULTY PUBLICATIONS LIST-2016**

1. Panchumarthy Ravisankar, **Devala Rao G.** and Vemuri Sreevidya (2016). Novel RP-HPLC Method for Simultaneous Determination of Irbesartan and Hydrochlorothiazide in Bulk and Tablet Dosage Form. *Science Spectrum*, 1(3): 319-330.
2. Venkateswarlu Chundi, Siva Reddy Challa, **Devala Rao Garikapati**, Giridhar Juvva, Anusha Jampani, Sree Harsha Pinnamaneni, Sahithi Venigalla (2016). Biochanin-A attenuates neuropathic pain in diabetic rats. *Journal of Ayurveda and Integrative Medicine*, 7; 231-237.
3. Viswa Srujani Kanagala, Annapareddy Anusha, Bhukya Srinivasa Rao, Siva Reddy Challa, Krishna Sri Nalla, **Raja Sree Gadde** (2016). A study of medication-related problems in stroke patients: A need for pharmaceutical care. *Journal of Research in Pharmacy Practice*, 5(3): 222-225.
4. N. K. Durga Devi, Anusha J, Rajesh A, Varsha CH, Harshavardhan G, Giridhar J. and **G. Devala Rao** (2016). A Study on Prescribing Patterns of Antibiotics & its Rationality in Hospitalized Patients of a Tertiary Care Teaching Hospital. *The Indian Pharmacist*, XIV (1): 53-60.
5. G. Lakshmi Kalpana, P. Ravisankar, **G. Devala Rao** and M. Bhagavan Raju (2016). A novel spectrofluorimetric method for the determination of amisulpride in bulk and pharmaceutical formulation. *Der Pharmacia Lettre*, 8(18): 86-95.
6. K.P.R. Chowdary and **K. Ravi Shankar**, (2016). Optimization of Pharmaceutical Product Formulation by Factorial Designs: Case Studies. *Journal of Pharmaceutical Research*, 15(4):105-109.
7. **Nalluri BN.**, Kosuri S., Valluru SS., Uppuluri CT., Shaik AS. (2016). Microneedle assisted transdermal delivery of Levodopa. *Indian Journal Pharmaceutical Education and Research*, 50(2): 287-94.
8. Leeladurga V., Teja UC., Sultana SA., Sudeep K., Anusha VS., Han T., **Nalluri BN.**, Das DB. (2016). Application of microneedle arrays for enhancement of transdermal permeation of Insulin: in vitro experiments, scaling analyses and numerical simulations. *AAPS Pharm SciTech*, 17(4): 915-922.

9. Ramya V., Vijaya Lakshmi M., Pravallika M., **Buchi N. Nalluri** (2016). Novel RP-HPLC-PDA method for the estimation of Chlorpheniramine maleate in bulk and dosage forms. *Indo-American Journal of Pharmaceutical Research*, 6(8):6439-6444.
10. Sai Supraja M., Yasaswini P., Nazma S., Sai Sree M., Lakshmi Suneeths G., Vijaya Lakshmi M., **Nalluri B. N.** (2016). Development and validation of RP-HPLC-PDA method for the estimation of Ambrisentan in bulk and tablet dosage forms. *Indian Drugs*, 53(05):43-47.
11. Prashanthi PG., Vijaya Lakshmi M., Mahesh K., **Nalluri B.N.** (2016). Development and validation of RP-HPLC-PDA method for the estimation of Opipramol hydrochloride in bulk and tablet dosage forms. *Indian Drugs*, 53(07): 46-50.
12. Siddhartha Nuthakki, Sivaprasad Pendyala, Charan Vallabhu, **Naveen Babu Kilaru**, Siva R. Challa, Ravindrababu Pingili (2016). An assessment of Anti-hyperglycemic drug utilization patterns and adherence to AACE/ACE 2015 guidelines in South Indian tertiary care teaching hospital. *Indian Journal of Pharmacy Practice*, 9 (4): 225-230.
13. Sivaprasad Pendyala, Siddhartha Nuthakki, Charan Vallabhu, **Naveen Babu Kilaru**, Siva R Challa, Ravindrababu Pingili (2016). A Prospective study on the assessment of risk factors for Type 2 Diabetes mellitus in outpatients department of a South Indian tertiary care hospital: A case-control study. *Asian Journal of Pharmaceutical and Clinical Research*, 9 (6): 1-5
14. Sridhar Vemulapalli, Surya Sandeep Mullapudi, Ravindrababu Pingili, Ramya Kothapalli, Sivaramakrishna Kondru, **Naveen Babu Kilaru** (2016). Influence of pomegranate juice on the cyp3a4-mediated metabolism and p-glycoprotein mediated transport of Saquinavir in vivo and ex vivo models. *Indonesian Journal of Pharmacy*, 27 (3): 152-162.
15. Ravindra Babu B. & **Naveen Babu K.** (2016). Calculation of predominant drug release mechanism using peppas-sahlin model (substitution method): A linear regression approach. *International Journal of Pharmacy*, 6 (4): 128-137.
16. **Naveen Babu Kilaru** & Ravindra Babu Baggi (2016). An unified mathematical expression for ideal peppas model: prospective estimation of percent deviation. *Asian J. Pharm. Tech.* 6 (2): 38-49.
17. Kanaka Durga Devi N., Priyanka M, Swathi A., Jasti Krishna Sai, **Naveen Babu K.** (2016). Assessment of Antihypertensive drugs in Ckd patients. *IOSR Journal of Pharmacy* 6(8): 16-21

18. Narasimha Rao Y., **Naveen Babu K**, Basaveswara Rao MV., Prasad Rao M. (2016). Hepatoprotective activity of methanolic extract of Maesa Indica bark against CCl<sub>4</sub> induced liver damage in rats. *International Journal of Pharmaceutical Sciences Review & Research* 37 (1): 101-104.
19. **Kilaru Naveen Babu**, Ravindrababu Pingili, Sridhar Vemulapalli, Surya Sandeep Mullapudi, Siddhartha Nuthakki, Sivaprasad Pendyala (2016). Pharmacokinetic interaction study between flavanones (hesperetin, naringenin) and Rasagiline mesylate in wistar rats. *Drug Development and Industrial Pharmacy*, 42 (7): 1110-1117.
20. Sivaprasad Pendyala, Siddhartha Nuthakki, Charan Vallabhu, Naveenbabu Kilaru, **Siva R. Challa**, Ravindrababu Pingili (2016). A prospective study on the assessment of risk factors for Type2 diabetes mellitus in outpatients department of A South Indian tertiary care hospital: A Case-control study. *Asian Journal of Pharmaceutical & Clinical Research*, 9(6):300-304.
21. Viswa Srujani Kanagala, Annapareddy Anusha, Bhukya Srinivasa Rao, **Siva Reddy Challa**, Krishna Sri Nalla, Raja Sree Gadde (2016). A study of medication-related problems in stroke patients: A need for pharmaceutical care. *Journal of Research in Pharmacy Practice*, 5(3): 222-225.
22. Vara Prasad Saka, **Siva Reddy Challa**, Akondi Butchi Raju (2016). Effect of Avena sativa (Oats) on spermatogenesis and reproductive health. *Journal of Endocrinology and Reproduction*, 20(2):83-92.
23. Venkateswarlu Chundi, **Siva Reddy Challa**, Devala Rao Garikipati, Giridhar Juvva, Anusha Jampani, Sree Harsha Pinnamaneni, Sahithi Venigalla (2016). Biochanin-A attenuates neuropathic pain in diabetic rats. *Journal of Ayurveda & Integrative Medicine* 7(4): 231-237.
24. Ravindrababu Pingili, Dilip Arumekala, Yamini Gorrepati, Ramya Sri Gottam, Chandrika Konathala, **Siva Reddy Challa**, Naveenbabu Kilaru (2016). Assessment of prescription adherence to the AACE guidelines and risk factors for type 2 diabetes in a South Indian tertiary care hospital. *International Journal of Diabetes in Developing Countries*, 37(4): 483-493.
25. Siddhartha Nuthakki, Sivaprasad Pendyala, Charan Vallabhu, Naveen Babu Kilaru, **Siva R. Challa**, Ravindrababu Pingili (2016). An Assessment of anti-hyperglycemic drug utilization patterns and adherence to AACE/ACE 2015 guidelines in South Indian tertiary care teaching hospital. *Indian Journal of Pharmacy Practice* 9 (4): 225-230.

26. Bhavana Mulk Sujana, Rajalakshmi Chintamaneni, Anuradha Chennupati, Prashant Nahar, Rattaiah Setty Chaluvadi, **Ramakrishna Vemugunta**, Meka Venkata Poorna Prabhat (2016). Evaluation of antifungal efficacy of ethanolic crude Lawsonia and Listerine mouthwash in uncontrolled diabetics and denture wearers – A randomized clinical trial. *Journal of Clinical and Diagnostic Research*, 10(6): 90-95.
27. **Bharathi.A**, Gopichand M., Abhilash M.M.D., Bhargavi G. (2016). Formulation and evaluation sustained release matrix tablets of Propranolol hydrochloride. *Indian Journal of Research in Pharmacy and Biotechnology*, 4(6):316-320.
28. **Bharathi A.**, Charan M.S.S., Mounika B. (2016). Development and evaluation of orodispersible tablets of Oseltamivir phosphate. *International Journal of Research in Pharmacy and Biosciences*, 3(7): 7-13.
29. Danamoni Sai Krishnaa Priya, Vadde Sandhya, Buragayala Gayathri, Guntupalli Gopikrishna and **Varicola Karuna Sree** (2016). Peels of Selected Fruits with Antioxidant and Anthelmintic potential. *International Journal of Current Microbiology and Applied Sciences*, 5(2): 649-660.
30. **N. Kanaka Durga Devi**, M. Priyanka, A. Swathi, Jasti Krishna Sai, K. Naveen Babu (2016). Assessment of Anti Hypertensive Drugs in CKD patients. *IOSR Journal of Pharmacy*, 6(8):16-21.
31. **N. Kanaka Durga Devi**, Anusha J., Rajesh A., Varsha CH., Harshavardhan G., Giridhar J., and G. Devala Rao (2016). A Study on Prescribing Patterns of Antibiotics and its Rationality in Hospitalized Patients of a Tertiary Care teaching Hospital. *The Indian Pharmacist*, XIV(01): 53-60.
32. **M. Vijaya Lakshmi**, Ramya V., Pravallika M., Buchi Nalluri N. (2016). Novel RP-HPLC -PDA for the estimation of chlorpheniramine maleate in bulk and dosage forms. *Indo-American Journal of Pharmaceutical Research*, 6(8): 6439-6444.
33. **M. Vijaya Lakshmi**, Prasanthi Priya G., K. Mahesh, Buchi N. Nalluri (2016). Novel RP-HPLC-PDA method for the estimation of opiipramol hydrochloride in bulk and tablet dosage forms. *Indian Drugs*, 53(7): 46-50.
34. **M. Vijaya Lakshmi**, Nazma SK., Sai Sree M., Yayaswini P., Sai Supraja M., Buchi N. Nalluri (2016). Development and validation of RP-HPLC-PDA method for the estimation of ambrisentan in bulk and tablet dosage forms. *Indian Drugs*, 53(5):43-47.
35. Deepali Gupta, **Devadoss Thangaraj**, Mahesh Radhakrishnan (2016). A novel 5HT<sub>3</sub> antagonist 4i (N-(3-chloro-2-methylphenyl) quinoxalin-2-carboxamide) prevents

- diabetes-induced depressive phenotype in mice: Modulation of serotonergic system. *Behavioural Brain Research*, 297: 41-50.
36. Dilip kumar Pandey, **Thangaraj Devadoss**, Neha Modak & Radhakrishnan Mahesh (2016). Antidepressant & anxiolytic activities of N-(pyridine-3-yl)quinoxalin-2-carboxamide: A novel serotonin type 3 receptor antagonist in behavioural animal models. *The Indian Journal Medical Research* 144(4): 614-621.
37. **T. Sarala Devi** and G. Rajitha (2016). Microwave Assisted Synthesis and Evaluation of N-cinnamoyl aryl hydrazones for Cytotoxic and Antioxidant Activities. *Oriental Journal of Chemistry*, 32(3):1703-1709.
38. **T. Sarala Devi** and G. Rajitha (2016). Synthesis and Evaluation of N-Acyl Aryl Hydrazones for Antimicrobial and Anthelmintic Activities. *Journal of Chemical and Pharmaceutical Research*, 8(11): 42-46.
39. **Jyothirmayee Devineni**, Vasumathi Rangani, Sravya Nunna (2016). New Sensitive UV Spectrophotometric Method for Simultaneous Estimation of Lopinavir and Ritonavir in Fixed Dose Combination as Soft Gels. *International Journal of Pharmaceutical Development and Technology*, 7(1): 25-30.
40. **Jyothirmayee Devineni** and Vijaya Ratna (2016). Formulation and Evaluation of Soft Gelatin Capsules of Nelfinavir Mesylate. *European Journal of Biomedical and Pharmaceutics Sciences*, 3(2): 398-407.
41. **Jyothirmayee Devineni**, Vasumathi Rangani and Sravya Nunna (2016). Formulation and Evaluation of Liquid Fill Formulations for Soft Gels of Lopinavir and Ritonavir. *European Journal of Biomedical and Pharmaceutics Sciences*, 3(12): 488-496.
42. **Devineni Jyothirmayee**, Nunna Sravya and Rangani Vasumathi (2016). Formulation and Evaluation Of Liquid Fill Formulations for Soft Gels of Elvitegravir. *European Journal of Biomedical and Pharmaceutics Sciences*, 3(12): 502-508.
43. KNV. Chenchu Lakshmi, **Anupama B.**, J. Hareesh., Munnangi Sivaram and Venkateswararao T. (2016). Docking and Invitro Anticancer Studies of some Novel Synthesized 4-Methyl Benzocoumarin 8-(N-Substituted) Sulfonamides. *International Journal of Recent Scientific Research*, 7(8): 13171-13177.
44. KNV. Chenchu Lakshmi, **B. Anupama**, Jasti Krishna Sai, J. Sriram (2016). Synthesis, Characterisation, Insilico and Toxicity Predictions of Novel 3N-Substituted 2-Methylquinazoline-4(3H)-One. *Indo American Journal of Pharmaceutical Research*, 6(11): 6822-6828.

45. KNV. Chenchu Lakshmi, M. Venkatesh, J. Hareesh, B. Srinivasa Raju and **B. Anupama** (2016). Synthesis, In Silico and In Vitro evaluation of some novel 5-[2-phenyl vinyl]-pyrazole and pyrazoline derivatives. *Der. Pharma. Chemica.*, 8(15): 122-128.
46. Kandula Priyanka, D. Rajesh, K. Sudharani, **KNV. Chenchu Lakshmi** (2016). Synthesis, Characterization, Antihelmintic, Insilico and Toxicity Predictions of Novel 5-(Aryl Substituted)-5-(Benzylideneamino)-1H-1, 2, 4-Triazole-3-Thiol Derivatives. *Indo American Journal of Pharmaceutical Research*, 6(2): 4450-4460.
47. **KNV. Chenchu Lakshmi**, Anupama B., J. Hareesh, Munnangi Sivaram and Venkateswararao T. (2016). Docking and Invitro Anticancer Studies of some Novel Synthesized 4-Methyl Benzocoumarin 8-(N-Substituted) Sulfonamides. *International Journal of Recent Scientific Research*, 7(8): 13171-13177.
48. **KNV. Chenchu Lakshmi**, B. Anupama, Jasti Krishna Sai, J. Sriram (2016). Synthesis, Characterisation, Insilico and Toxicity Predictions of Novel 3N-Substituted 2-Methylquinazoline-4(3H)-One. *Indo American Journal of Pharmaceutical Research*, 6(11): 6822-6828.
49. **KNV. Chenchu Lakshmi**, M. Venkatesh, J. Hareesh, B. Srinivasa Raju and B. Anupama (2016). Synthesis, In Silico and In Vitro evaluation of some novel 5-[2-phenyl vinyl]-pyrazole and pyrazoline derivatives. *Der Pharma Chemica*, 8(15): 122-128.
50. **Ravindrababu Pingili**, Sridhar Vemulapalli, Surya Sandeep Mullapudi, Siddhartha Nuthakki, Sivaprasad Pendyala and Naveenbabu Kilaru (2016). Pharmacokinetic interaction study between flavanones (hesperetin, naringenin) and rasagiline mesylate in wistar rats. *Drug Development and Industrial Pharmacy*, 42 (7): 1110 – 1117.
51. Siddhartha Nuthakki, Sivaprasad Pendyala, Charan Vallabhu, Naveenbabu Kilaru, Siva R Challa, **Ravindrababu Pingili** (2016). An Assessment of Anti-hyperglycemic Drug Utilization Patterns and Adherence to AACE/ACE 2015 Guidelines in South Indian Tertiary Care Teaching Hospital. *Indian Journal of Pharmacy Practice*, 9 (4): 225 – 230.
52. Sivaprasad Pendyala, Siddhartha Nuthakki, Charan Vallabhu, Naveenbabu Kilaru, Siva R. Challa, **Ravindrababu Pingili** (2016). A Prospective Study on the Assessment of Risk Factors for Type 2 Diabetes Mellitus in Outpatients Department of A South Indian Tertiary Care Hospital: A Case-Control Study. *Asian Journal of Pharmaceutical and Clinical Research*, 9 (6): 300 – 304.

53. Sujatha Sanneboina, Vanishree Sammeta, **Ravindrababu Pingili**, Kishore Kumar Kadimpati (2016). Influence of Lovastatin on Pharmacokinetics and Pharmacodynamics of Glipizide in Healthy and Streptozotocin - Induced Diabetic Rats: Involvement of P-Glycoprotein Inhibition. *Asian Journal of Pharmaceutical and Clinical Research*, 9 (5): 3 – 8.
54. Sridhar Vemulapalli, Surya Sandeep Mullapudi, **Ravindrababu Pingili**, Ramya Kothapalli, Sivaramakrishna Kondru, Naveenbabu Kilaru (2016). Influence of Pomegranate Juice on the CYP3A4-Mediated Metabolism and P-glycoprotein Mediated Transport of Saquinavir In vivo and Ex vivo Models. *Indonesian Journal of Pharmacy*, 27 (3): 152 – 162.
55. Viswa Srujani Kanagala, Annapareddy Anusha, Bhukya Srinivasa Rao, Siva Reddy Challa, **Krishna Sri Nalla**, Raja Sree Gadde (2016). A study of medication-related problems in stroke patients: A need for pharmaceutical care. *Journal of Research in Pharmacy Practice*, 15 (3): 222-225.
56. Binu KM., **AL. Pavani**, D.Sujatha, V. Pavani, H. Doddayya and SM. Kodliwadmath (2016). A Prospective Cohort study on use of Medications Prescribing during Pregnancy and Lactation. *World Journal of Pharmaceutical Research*, 5(9): 891-901.

2. **Madhusudhanareddy Induri**, Bhagavan Raju Mantripragada and Rajendra Prasad Yejella (2016). Development and Validation of a HPTLC method for simultaneous estimation of efavirnz and lamivudine in Pharmaceutical formulations. *World Journal of Pharmaceutical Sciences*, 4(2): 189-194.
3. **Madhusudhanareddy Induri**, Bhagavan Raju Mantripragada and Rajendra Prasad Yejella (2016). Development and validation of UPLC method for simultaneous estimation of Efavirenz and Lamivudine in Pharmaceutical formulations. *Journal of Applied Pharmaceutical Science*, 6(3): 29-33.
4. Mohd Imtiyaz, Varsha Mane, Pranoti N. Mane, Prabha V., Danasegaran M., **Madhusudhanareddy Induri** and Pradeep Vegi (2016). Importance and necessity of brisk walking and dietary restrictions in the management of borderline diabetes. *World Journal of Pharmaceutical Sciences*, 4(6): 502-506.

6. **Viswa Srujani Kanagala**, Annapareddy Anusha, Bhukya Srinivasa Rao, Siva Reddy Challa, Krishna Sri Nalla, Raja Sree Gadde (2016). A study of medication-related problems in stroke patients: A need for pharmaceutical care. *Journal of Research in Pharmacy Practice*, 5(3): 222-225.

## 8. Name of the Faculty Member: Smt.K.Vasantha

### 9. List of Publications in the Year 2014

10. **K. Vasantha**, M. Sai Sree, G. Lakshmi Suneetha and Buchi N. Nalluri (2014). Analysis of Torsemide in bulk, dosage forms and dissolution samples using RP-HPLC-PDA method. *Journal of Chemical and Pharmaceutical Research*, 6(11):334-340.
11. A. Karthik, **K. Vasantha**, G. Lakshmi Suneetha, M. Sai Sree and Buchi N. Nalluri (2014). Development of validated RP-HPLC-PDA method for the analysis of Capecitabine in bulk, dosage forms and in dissolution samples. *Journal of Chemical and Pharmaceutical Research*, 6(11):319-325.

### 12. List of Publications in the Year 2013

13. CH. Suma, **K. Vasantha**, A. Prabhakar Reddy, Ch. Ajay Kumar and Buchi N. Nalluri (2013). Simultaneous estimation of phenylephrine hydrochloride and guaifenesin in bulk drug and pharmaceutical dosage forms by RP-HPLC-PDA method. *Journal of Chemical and Pharmaceutical Research*, 5(8): 188-194

15. **Name of the Faculty Member: Dr. G. Ramana**

16.**List of Publications in the Year 2018**

17. **Ramana G.**, Venkatesh M., Nandini A., Usha Deepthi D., Poojitha Ch. and Nikitha P. (2018). Design and evaluation of oral controlled release matrix tablets of ambroxol hydrochloride by using almond gum as retarding polymer. *International Journal of Pharmacy and Biological Sciences*, 8(1): 180-191.

18.**List of Publications in the Year 2015**

19. Indira Kilari, Baby Sravani Guduru and **Ramana Gangireddy** (2015). Formulation and evaluation of naproxen sodium pulsatile tablets for chrono modulated drug delivery. *American Journal of Pharmatech Research*, 5(5): 507-521.
20. Baby Sravani Guduru, Indira Kilari and **Ramana Gangireddy** (2015). Influence of electrolytes on the release of tramadol hydrochloride from controlled release matrix tablets. *Journal of Chemical and Pharmaceutical Sciences*, 8(4): 712-718.

21.**List of Publications in the Year 2014**

22. Bhanu Prasad S. and **Ramana G.** (2014). Controlled release floating matrix tablets for clopidogrel bisulphate based on gas generating system: Development, optimisation and *In-vitro* evaluation. *American Journal of Pharmatech Research*, 4(6): 418-432.
23. **Ramana G.**, Anuradha B., CS. Naik D., Nagendra Babu V. and Bhanu Prasad S. (2014). Design and evaluation of diffusion controlled extended release matrix tablets of ropinirole hydrochloride. *Indian Journal of Research in Pharmacy and Biotechnology*, 2(2): 1126-1130.

