

## FACULTY DETAILS

- I. Name: Dr. Nemala Appala Raju
- II. Designation: Professor
- III. Date of Joining: 08<sup>th</sup> September 2005
- IV. Date of Birth: 25<sup>th</sup> May 1977
- V. Email Id: rajnemala@hotmail.com



VI. Educational Qualification:

1. B. Pharm: Dept. of pharmaceutical Sciences, Andhra University, 1999
2. M. Pharm: Dept. of pharmaceutical Sciences, Andhra University, 2001  
Specialization: Pharmacognosy
3. Ph.D.: JNTUH, Hyderabad, 2010  
Title of Ph.D. thesis: “Analytical method development for Active Pharmaceutical ingredients and their formulations”

VII. International Publications:

International Publications:

1. N. Appala Raju J. Venkateswara Rao\*, K. Vanitha Prakash, K. Mukkanti K.Srinivasu etal. The Estimation of Levetiracetam in Tablet dosage form by RP-HPLC., E-J. Chem., Vol 2008; 5[S2]: 1098. Available from (<http://www.hindawi.com/journals/chem/2008/965430/abs/>)
2. K. Vanitha Prakash , J. Venkateswara Rao\*, N. Appala Raju. RP-HPLC Method for the Estimation of Nelfinavir Mesylate in Tablet Dosage Form. E-J.Chem., 2007 July; 4(3), 302. Available from ([downloads.hindawi.com/journals/chem/2007/654706.pdf](http://downloads.hindawi.com/journals/chem/2007/654706.pdf)).
3. Vijaya Raju A.D and Appala Raju Nemala etal.; Development and Validation of a LC-MS Method for the Determination of Raltegravir in Sprague Dawley Rat Serum and Its Application to Pharmacokinetic Study; Am. J. Biomed. Sci. 2013; 5(3): 197-207. doi: 10.5099/aj130300197 [http://www.nwpii.com/ajbms/papers/AJBMS\\_2013\\_3\\_04.pdf](http://www.nwpii.com/ajbms/papers/AJBMS_2013_3_04.pdf))
4. Dr. Addepalli V. Raju and Appala Raju Nemala etal. Development and Validation of a LC-MS/MS Method for the Determination of Erlotinib in Sprague Dawley Rat Serum and its Application to Pharmacokinetic Study; American Journal of Phytomedicine and Clinical Therapeutics. 2013; 1(1):83-97. Available from [www.nwpii.com/ajbms/papers/AJBMS\\_2013\\_3\\_04.pdf](http://www.nwpii.com/ajbms/papers/AJBMS_2013_3_04.pdf)
5. N. Appala Raju, J. Venkateswara Rao\*, K. Vanitha Prakash and K. Mukkanti etal., Spectrophoto-metric Estimation of Abacavir Sulphate in Pharmaceutical Formulations. E-Journal of Chemistry. 2008 July; 5(3): 511-514. Available from [www.hindawi.com/journals/jchem/2008/764602/abs/](http://www.hindawi.com/journals/jchem/2008/764602/abs/)

6. K. Vanitha Prakash, J. Venkateswara Rao, N. Appala Raju et al. RP-HPLC method for the estimation of Nelfinavir Mesylate in Tablet Dosage Form. E-Journal of Chemistry 2007; 4(3): 302-306. <http://www.hindawi.com/journals/jchem/2007/654706/abs/>
7. N. Appala Raju et al, LC Method Development and Validation for the Determination of Ropivacaine Hydrochloride in Bulk Drug and Pharmaceutical Formulations. Pharmaceutical Chemistry Journal 51(1):1-10 · April 2017 with 331 Reads DOI: 10.1007/s11094-017-1561-z
8. A Simple HPLC-UV Method for the Determination of Glutathione in PC-12 Cells. Raju N. Appala,<sup>1</sup> Sridevi Chigurupati,<sup>2</sup> Raju V. V. S. S. Appala,<sup>3</sup> Kesavanarayanan Krishnan Selvarajan,<sup>4</sup> and Jahidul Islam Mohammad. Scientifica Volume 2016, Article ID 6897890, 6 pages <http://dx.doi.org/10.1155/2016/6897890>.
9. New high performance liquid chromatographic method for determination of vilazodone in pharmaceutical dosage forms. EUROPEAN JOURNAL OF PHARMACEUTICAL AND MEDICAL RESEARCH ejpmr, 2016,3(1), 341-346. [www.ejpmr.com/admin/download/article/MTQ1MjA3NTQwNi5wZGY=](http://www.ejpmr.com/admin/download/article/MTQ1MjA3NTQwNi5wZGY=)
10. Inhibitory Activities of  $\alpha$ -Glucosidase and  $\alpha$ -Amylase and their Hypoglycaemic Capability in the Treatment of Diabetes. EC PHARMACOLOGY AND TOXICOLOGY. Diabetes". EC Pharmacology and Toxicology 7.2 (2019).

VIII. National Publications:  
National Publications

11. N. Appala Raju J. Venkateswara Rao\*, K. Vanitha Prakash, K. Mukkanti, K.Srinivasu et al. Simultaneous estimation of Tenofovir disoproxil, Emtricitabine and Efavirenz in Tablet dosage forms by RP-HPLC, Oriental J.Chem. 2008; 24(2): 645. Available from ([www.orientjchem.org/pds/dnload.php?vvol=24&vissueno=2](http://www.orientjchem.org/pds/dnload.php?vvol=24&vissueno=2))
12. N. Appala Raju J. Venkateswara Rao\*, K. Vanitha Prakash, K. Mukkanti, K.Srinivasu et al. Simultaneous estimation of Montelukast and Bambuterol in Tablet dosage forms by RP-HPLC., Biomed. & Pharm.col.J. 2009; 1(1): 147, 2008. Available from (<http://www.biomedpharmajournal.org/BPJ-AbsRead.asp?SNoId=22>).
13. N. Appala Raju J. Venkateswara Rao\*, K. Vanitha Prakash, K. Mukkanti, K.Srinivasu et al. The Estimation of Entecavir in Tablet dosage form by RP-HPLC., Asian Journal of Chemistry. 2009; 21: 2301. Available from ([http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=21\\_3\\_91](http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=21_3_91))
14. N. Appala Raju J. Venkateswara Rao\*, K. Vanitha Prakash, K. Mukkanti et al. The Estimation of Gemcitabine Hydrochloride in Parenteral dosage forms by Gradient-HPLC., Oriental J. Chem. 2008; 24(1): 135. Available from ([www.orientjchem.org/pds/dnload.php?vvol=24&vissueno=1](http://www.orientjchem.org/pds/dnload.php?vvol=24&vissueno=1).)
15. K. Vanitha Prakash, J. Venkateswara Rao, N. Appala Raju et al. A HPLC method for the estimation of Montelukast sodium in tablet Dosage form, Oriental J. Chemistry. 2007; 23 (3), 1061. Available from ([direct.bl.uk/research/60/43/RN224118750.html](http://direct.bl.uk/research/60/43/RN224118750.html))

16. K. Vanitha Prakash, J. Venkateswara Rao, N. Appala Raju et al.; The Estimation of Saquinavir Mesylate in Tablet dosage form using RP-HPLC, Asian J. Chem. 2009; 21(1): 612-616. Available from ([http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=21\\_1\\_76](http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=21_1_76)).
17. K. Vanitha Prakash, J. Venkateswara Rao and N. Appala Raju et al.. Validated, Reversed Phase High Performance Liquid Chromatography Method for the Estimation of Capecitabine in Pharmaceutical formulations, Oriental J. Chem. 2008; 24(1): 335. Available from ([www.orientchem.org/pds/dnload.php?vvol=24&vissueno=1](http://www.orientchem.org/pds/dnload.php?vvol=24&vissueno=1)).
18. Ravi Pratap Pulla, B.S. Sastry, Y. Rajendra Prasad and N. Appala Raju et al.. RP-HPLC Method for Simultaneous Estimation of Formoterol Fumarate, Tiotropium Bromide and Ciclesonide in Pharmaceutical Metered Dose Inhalers, Asian J. Research Chem. 2011; 4(4): 585-590. Available from ([http://www.kppub.com/articles/mar2012/RP-HPLC\\_method\\_for\\_simultaneous\\_estimation.html](http://www.kppub.com/articles/mar2012/RP-HPLC_method_for_simultaneous_estimation.html)).
19. Ravi Pratap Pulla, B.S. Sastry, Y. Rajendra Prasad and N. Appala Raju et al. Simultaneous Estimation of Metformin HCl and Sitagliptin Phosphate in Tablet Dosage Forms by RP-HPLC, Research J. Pharm. and Tech. 2011; 4(4): 646-649. Available from ([http://rjptonline.org/RJPT/RJPT\\_4\\_4\\_2011\\_Abstract.pdf](http://rjptonline.org/RJPT/RJPT_4_4_2011_Abstract.pdf))
20. Ravi Pratap Pulla, B.S. Sastry, Y. Rajendra Prasad and N. Appala Raju et al.. Estimation of Zuclopenthixol Acetate in Parenterals by RP-HPLC, International Journal of Chemical and Analytical Science. 2011; 2(5): 31-33. Available from (<http://ijcas.info/index.php/ijca/article/view/7581/3886>).
21. Ravi Pratap Pulla, B.S. Sastry, Y. Rajendra Prasad and N. Appala Raju et al. Estimation of Lenalidomide in Capsule Dosage Form by RP-HPLC, Journal of Pharmacy Research. 2011; 4(4): 1199. Available from (<http://jpronline.info/index.php/jpr/article/view/6937/3573>)
22. Ravi Pratap Pulla, B.S. Sastry, Y. Rajendra Prasad and N. Appala Raju et al. Estimation of Prasugrel In Tablet Dosage Form By RPHPLC, International Journal of Chemistry Research. 2011; 2(3): 34-36. Available from (<http://www.ijcr.info/Vol2Issue3/182.pdf>)
23. Ravi Pratap Pulla, B.S. Sastry, Y. Rajendra Prasad and N. Appala Raju et al. Estimation of Teicoplanin in Parenterals by RP-HPLC, International Journal of Pharmaceutical Sciences and Reseach. 2011; 2(7): 1807-1810. Available from ([http://www.ijpsr.com/V2I7/34%20Vol.%202%20\(7\),%20IJPSR-678,%202011,%20Paper%2026.pdf](http://www.ijpsr.com/V2I7/34%20Vol.%202%20(7),%20IJPSR-678,%202011,%20Paper%2026.pdf)).
24. N. Appala Raju and Shabana Begum et al. Simultaneous RP-HPLC Method for the Estimation of the Emtricitabine, Tenofovir Disoproxil Fumerate and Efavirenz in Tablet Dosage Forms, Research J. Pharm. and Tech. 2008 Oct.-Dec; 1(4): 522-525. Available from ([http://rjptonline.org/RJPT\\_%20Vol1\(4\)/50.pdf](http://rjptonline.org/RJPT_%20Vol1(4)/50.pdf)).

25. N. Appala Raju, Shabana Begum, K.Srinivasu et al. Simultaneous Estimation of Tenofovir disoproxil Fumerate, Emtricitabine & Efavirenz in Tablet dosage forms by Isocratic-RP-HPLC. *Journal of Pharmacy Research*. 2009; 2(6): 1103-1106. Available from (<http://jpronline.info/index.php/jpr/article/view/399>).
26. K.Srinivasu, J.Venkateswara Rao, N.Appala Raju, K.Mukkanti et al. Simultaneous RP-HPLC method for the estimation of formoterol fumarate and tiotropium bromide in pharmaceutical dosage forms. *Asian J Chem*. 2010; 22(5):3943-8. Available from ([http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=22\\_5\\_84](http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=22_5_84))
27. K.Srinivasu, J.Venkateswara Rao, N.Appala Raju K.Mukkanti et al. A Validated RP-HPLC Method for the Determination of Atazanavir in Pharmaceutical Dosage Forms, *E-Journal of Chemistry*. 2011; 8(1): 453-456. Available from: ([downloads.hindawi.com/journals/chem/2011/812879.pdf](http://downloads.hindawi.com/journals/chem/2011/812879.pdf)).
28. . V Kiran Kumar, N Appala Raju, Namratha Rani, JVLN Seshagiri Rao and T Satyanarayana. The Estimation of Paclitaxel in Parenterals by RP-HPLC, *Asian J. Research Chem*. 2009 Jan-Mar; 2(1): 90-92. Available from: ([http://www.ajrconline.org/AJRC%20V012%20\(1\)%20PDF%20Final/24.pdf](http://www.ajrconline.org/AJRC%20V012%20(1)%20PDF%20Final/24.pdf))
29. . V Kiran Kumar, N Appala Raju, Shabana Begum, Namratha Rani, JVLN Seshagiri Rao and T Satyanarayana et al. The Estimation of Aprepitant in Capsules Dosage forms by RP-HPLC. *Research J. Pharm. and Tech*. 2009 April.-June; 2(2): 412-414. Available from ([http://rjptonline.org/RJPT\\_2\(2\)%202009/43-384.pdf](http://rjptonline.org/RJPT_2(2)%202009/43-384.pdf)).
30. V Kiran Kumar, N Appala Raju, JVLN Seshagiri Rao and T Satyanarayana et al. The Estimation of Eprosartan mesylate in pharmaceutical dosage forms by RP-HPLC. *Oriental journal of chem*. 2009; 25(3); 711-714. Available from (<http://www.orientjchem.org/abstract.php?vabid=a11344>).
31. \*N. Appala Raju et al, A Validated RP-HPLC Method for the Determination of 2-Chloroadenosine as Process Related Impurity in Regadenosen Parenteral Dosage Form. *Journal of Chemical and Pharmaceutical Research*, 2017, 9(7):55-61  
[https://www.researchgate.net/publication/321300212\\_A\\_Validated\\_RP-HPLC\\_Method\\_for\\_the\\_Determination\\_of\\_2-Chloroadenosine\\_as\\_Process\\_Related\\_Impurity\\_in\\_Regadenosen\\_Parenteral](https://www.researchgate.net/publication/321300212_A_Validated_RP-HPLC_Method_for_the_Determination_of_2-Chloroadenosine_as_Process_Related_Impurity_in_Regadenosen_Parenteral)
32. 22. New high performance liquid chromatographic method for determination of vilazodone in pharmaceutical dosage forms. *EUROPEAN JOURNAL OF PHARMACEUTICAL AND MEDICAL RESEARCH ejpmr*, 2016,3(1), 341-346.  
[www.ejpmr.com/admin/download/article/MTQ1MjA3NTQwNi5wZGY=](http://www.ejpmr.com/admin/download/article/MTQ1MjA3NTQwNi5wZGY=)
23. V Kiran Kumar, N Appala Raju, Shabana Begum, Namratha Rani, JVLN Seshagiri Rao and T Satyanarayana et al. The Estimation of Gefitinib in Tablet Dosage Forms by RP-HPLC. *Research J. Pharm. and Tech*. 2009; 2 (2):341-343. Available from ([http://rjptonline.org/RJPT\\_2\(2\)%202009/27-385.pdf](http://rjptonline.org/RJPT_2(2)%202009/27-385.pdf)).

24. V Kiran Kumar, N Appala Raju, Namratha Rani, JVLN Seshagiri Rao and T. Satyanarayan et al. The Estimation of Irinotecan HCl in Parenterals by RP-HPLC. Asian J. Research Chem. 2009; 2(1): 54  
Available from ([http://www.ajrconline.org/AJRC/AJRC\\_2\\_1\\_2009\\_Abstract.pdf](http://www.ajrconline.org/AJRC/AJRC_2_1_2009_Abstract.pdf))
25. K. Naresh kumar, N. Appala raju, S. Satyanarayana raju, B. RamaRao K. Mukkanti\* et al. Estimation of Docetaxel in Parenterals by RP-HPLC. Asian j. of chem. 2010; 22(10): 7513-18.  
([http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=22\\_10\\_9](http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=22_10_9))
26. Vijaya Raju A.D and Appala Raju Nemala et al.; Development and Validation of a LC-MS Method for the Determination of Raltegravir in Sprague Dawley Rat Serum and Its Application to Pharmacokinetic Study; Am. J. Biomed. Sci. 2013; 5(3): 197-207. doi: 10.5099/aj130300197 [http://www.nwpii.com/ajbms/papers/AJBMS\\_2013\\_3\\_04.pdf](http://www.nwpii.com/ajbms/papers/AJBMS_2013_3_04.pdf)
27. Dr. Addepalli V. Raju and Appala Raju Nemala et al. Development and Validation of a LC-MS/MS Method for the Determination of Erlotinib in Sprague Dawley Rat Serum and its Application to Pharmacokinetic Study; American Journal of Phytomedicine and Clinical Therapeutics. 2013; 1(1):83-97. Available from [www.nwpii.com/ajbms/papers/AJBMS\\_2013\\_3\\_04.pdf](http://www.nwpii.com/ajbms/papers/AJBMS_2013_3_04.pdf)
28. Addepalli. V. Raju \* and Appala Raju Nemala et al.. Development and Validation of a LC-MS/MS Method for the Determination of Rilpivirine in Sprague Dawley Rat Serum and Its Application to Pharmacokinetic Study. Asian Journal of Biomedical and Pharmaceutical Sciences. 2013; 3(21): 23-29. Available from [www.jbiopharm.com/index.php/ajbps/article/download/293/231](http://www.jbiopharm.com/index.php/ajbps/article/download/293/231)
29. V. Kiran Kumar, N. Appala Raju and Shabana Begum et al.. Estimation of Tenfovir disoproxil fumerate in Tablet dosage forms by RP-HPLC. Journal of Pharmacy Research. 2009; 2(2):199
30. K.Neelima, R.Nikhila, S.Selina, N.Appala Raju and, Y.Rajendra Prasad et al.. Analytical method development and validation of cefepime hydrochloride and tazobactam sodium in bulk and sterile dry powder for injection by gradient rp-hplc. Indo American Journal of Pharmaceutical research. 2013; 3(10): 8094. Available from <http://www.iajpr.com/archive/volume-3/october-2013/13oct7.html>
31. V. Kiran Kumar, N. Appala Raju et al.; Spectrophotometric Estimation of Oseltamivir in Pharmaceutical Formulations, Asian Journal of Chemistry. 2009; 21(8): 5984-5988. Available from [http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=21\\_8\\_30](http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=21_8_30)
32. N. Appala Raju, J. Venkateswara Rao\*, K. Vanitha prakash, K. Mukkanti et al. Spectrophotometric estimation of formoterol fumerate in pharmaceutical formulations. Oriental Journal of Chemistry. 2008; 24(2): 655-658.
33. N. Appala Raju, J. Venkateswara Rao\*, K. Vanitha Prakash K. Mukkanti et al., Spectrophotometric Estimation of Cefprozil Sulphate in Pharmaceutical Formulations.

- Asian Journal of Chemistry. 2008; 20(8): 6051-6055. Available from [http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=20\\_8\\_35](http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=20_8_35)
34. V. Kiran kumar\* and N.Appala Raju et al., Spectrophotometric Estimation of Oseltamivir in Pharmaceutical Formulations. Asian Journal of Chemistry. 2008; 21(8): 5984-5988. Available from [http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=21\\_8\\_30](http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=21_8_30)
- 35 \*Dr. Nemala Appala Raju<sup>1</sup>, et al New high performance liquid chromatographic method for determination of opipramol in pharmaceutical dosage forms. Indo American Journal of Pharmaceutical Research, 2016
36. V. Kiran Kumar, N. Appala Raju\* & Shabana Begum et al. Estimation of Bambuterol in Tablet dosage forms by RP-HPLC. Journal of Pharmacy Research, 2008; 2(1): 260. Available from <http://jpronline.info/index.php/jpr/article/view/117/98>
37. V. Kiran Kumar, N. Appala Raju\* & Shabana Begum et al. Estimation of Tenofovir disoproxil fumerate in Tablet dosage forms by RP-HPLC. Journal of Pharmacy Research, 2009; 2(2): 192 Available from <http://jpronline.info/index.php/jpr/article/view/163/140>
38. V. Kiran Kumar, N. Appala Raju et al. Estimation of Emtricitabine in Tablet dosage forms by RP-HPLC. Asian Journal of Chemistry. 2009; 21(8): 5979-5983. [http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=21\\_8\\_29](http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=21_8_29)
39. P. Janaki Pathi<sup>1</sup>\* P. Ravindra Reddy, N. Appala Raju et al. Visible extractives spectrophotometric estimation of Teicoplanin in pharmaceutical formulations. Asian Journal of Research in chemistry. 2010; 3(3): 710-713. Available from <http://www.indianjournals.com/ijor.aspx?target=ijor:ajrc&volume=3&issue=3&article=051>
40. P. Janaki Pathi<sup>1</sup>\* and N. Appala Raju et al. Estimation of Epalrestat in Tablet dosage forms by RP-HPLC. Asian J. Pharm. Ana. 2012; 2 (2): 49-51. Available from [http://www.asianpharmaonline.org/AJPA/4\\_AJPA\\_2\\_4\\_2012.pdf](http://www.asianpharmaonline.org/AJPA/4_AJPA_2_4_2012.pdf)
41. P. Janaki Pathi<sup>1</sup>\* and N. Appala Raju et al. Estimation of Cefquinome Sulphate in Tablet dosage forms by RP-HPLC. Asian J. Pharm. Ana. 2012; 2 (2): 33-35. [http://www.asianpharmaonline.org/AJPA/1\\_AJPA\\_2\\_2\\_2012.pdf](http://www.asianpharmaonline.org/AJPA/1_AJPA_2_2_2012.pdf)
42. P. Janaki Pathi<sup>1</sup>\* and N. Appala Raju et al. Estimation of Palenose tron hydrochloride in parenterals by RP-HPLC. Asian J. Pharm. Tech. 2012; 2 (2): 77-79. Available from [http://www.asianpharmaonline.org/AJPT/12\\_AJPT\\_2\\_2\\_2012.pdf](http://www.asianpharmaonline.org/AJPT/12_AJPT_2_2_2012.pdf)
43. P. Janaki Pathi<sup>1</sup>\* and N. Appala Raju et al. Estimation of Sapropterin dihydrochloride in Tablet dosage forms by RP-HPLC. Asian J. Pharm. Ana. 2012; 2(4): 110-113. [http://www.asianpharmaonline.org/AJPA/4\\_AJPA\\_2\\_4\\_2012.pdf](http://www.asianpharmaonline.org/AJPA/4_AJPA_2_4_2012.pdf)
44. P. Janaki Pathi<sup>1</sup>\* P. Ravindra Reddy, N. Appala Raju et al. Visible Spectrophotometric Estimation of Atazanavir in Pharmaceutical Formulations. Research J. Pharm. and Tech. 4(2): 2011 February; 4(2): 273-275. Available from <http://www.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=4&issue=2&article=021>

45. P. Janaki Pathi\* P. Ravindra Reddy, N. Appala Raju et al. Visible Spectrophotometric estimation of Emtricitabine in Pharmaceutical Formulations. Research J. Pharm. and Tech. 4(2): 2011March; 4(3): 437-440. Available from <http://anft.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=4&issue=3&article=022>
46. P. Janaki Pathi\* P. Ravindra Reddy, N. Appala Raju et al. Visible Spectrophotometric estimation of Tenofovir disoproxil fumarate in Pharmaceutical Formulations. Research J. Pharm. and Tech. 4(2): 2011March; 4(3): 446-450. Available from <http://www.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=4&issue=3&article=024>
47. P. Janaki Pathi\*, P. Saifulla Khan, P. Raveendra Reddy, N. Appala Raju et al. Visible Spectrophotometric Estimation of Pemetrexed Disodium in Pharmaceutical Formulations. Journal of Pharmacy Research, 2011; 4(2): 524-525. Available from <http://jpronline.info/index.php/jpr/article/view/5952/3052>
48. P. Janaki Pathi\*, P. Saifulla Khan, P. Raveendra Reddy, N. Appala Raju et al. Visible Spectrophotometric Estimation of Capecitabine in Pharmaceutical Formulations. International Journal of Chemical and Analytical Science 2011; 2(5): 29-30. Available from <http://ijcas.info/index.php/ijca/article/view/7580/3885>
49. P. Saifulla Khan, P. Janaki Pathi, P. Raveendra Reddy, V. Krishna Reddy, N. Appala Raju et al. Extractive Spectrophotometric estimation of Olopatidine using acidic dyes in tablet dosage forms. Journal of Pharmacy Research, 2012; 5(4): 2104-2106. Available from <http://jpronline.info/index.php/jpr/article/view/12809/6511>.
50. K. Srinivasu, J. Venkateswara Rao\*, N. Appala Raju and K. Mukkanti et al. RP-HPLC Method for the Estimation of Capecitabine in Tablet Dosage Forms. Asian Journal of Chemistry. 2010, 22(4): 3255-3259. Available from [http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=22\\_4\\_111](http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=22_4_111)
51. K. Srinivasu, J. Venkateswara Rao\*, N. Appala Raju and K. Mukkanti et al. Spectrophotometric Estimation of Cefitibuten in Pharmaceutical Formulations. Asian Journal of Chemistry. 2009, 21(5): 3463-3466. Available from [http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=21\\_5\\_20](http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=21_5_20)
52. K. Vanitha Prakash, J. Venkateswara Rao, N. Appala Raju, V. Himabindu et al.; Spectrophotometric Estimation of Formoterol Fumerate in Pharmaceutical Formulations. Asian J. Chem. 2009; 19(7): 5129-5133. Available from [http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=19\\_7\\_25](http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=19_7_25)
53. K. Vanitha Prakash, J. Venkateswara Rao, N. Appala Raju, V. Himabindu et al.; Spectrophotometric estimation of Cefpirome Sulphate in Pharmaceutical Formulations. Asian J. Chem. 2008; 20 (4): 2587-2580. Available from [http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=20\\_4\\_16](http://www.asianjournalofchemistry.co.in/user/journal/viewarticle.aspx?ArticleID=20_4_16).
55. Raghu Ram Jampala, V. Kiran Kumar and Appala Raju Nemala\*. Development and Application of Liquid Chromatographic Method for Simultaneous Determination of Elvitegravir, Tenofovir Disoproxil Fumarate, Emtricitabine, and Cobicistat in Fixed Dosage Form. Pharmaceutical Methods Vol 5, Issue 1: Jan-Jun 2014 pg 7-13. Available from: [http://www.phmethods.net/sites/default/files/10.5530\\_phm.2014.1.2.p](http://www.phmethods.net/sites/default/files/10.5530_phm.2014.1.2.p)

**56.** P. Govardhan Reddy, V. Kiran Kumar, VVSS. Appala Raju, J. Raghu Ram , N. Appala Raju. The Estimation of Ceftaroline Fosamil in Lyophilized Powder for Injection by RP-HPLC. Research J. Pharm. and Tech 2018; 11(2): 455-458. DOI No: [10.5958/0974-360X.2018.00083.5](https://doi.org/10.5958/0974-360X.2018.00083.5)

- 57.** Dr. Macharla Venkata Ramana, Dr. T. Shyam, K. N. Rajinikanth, Dr. V. Kiran Kumar, Dr. VVSS. Appala Raju and \*Dr. N. Appala Raju. SIMULTANEOUS ESTIMATION OF CARBODENAFIL AND DESMETHYL CARBODENAFIL FROM HUMAN PLASMA BY LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY. World Journal of Pharmaceutical Research, Vol 7, Issue 19, 2018.  
[http://www.wjpr.net/dashboard/abstract\\_id/11459](http://www.wjpr.net/dashboard/abstract_id/11459)
- 58.** Dhananjaya. G\*, M. Naveen, P. Janaki Pathi, J. Raghuram and N. Appala Raju. DEVELOPMENT AND VALIDATION OF A STABILITY-INDICATING RP-HPLC METHOD FOR THE DETERMINATION OF BENDAMUSTINE IN RAW MATERIAL AND FINISHED PRODUCT.  
[http://www.wjpr.net/dashboard/abstract\\_id/11334](http://www.wjpr.net/dashboard/abstract_id/11334).
- 59.** Dhananjaya. G\*, M. Naveen Reddy, P. Janaki Pathi, J. Raghuram and N. Appala Raju. THE ESTIMATION OF POMALIDOMIDE IN CAPSULE DOSAGE FORMS BY RP-HPLC. [http://www.wjpps.com/wjpps\\_controller/abstract\\_id/9791](http://www.wjpps.com/wjpps_controller/abstract_id/9791)
- 60.** Dr. VVSS. Appala Raju, Dr. Macharla Venkata Ramana, Dr. T. Shyam. Principal, K.N. Rajinikanth, Dr. V. Kiran Kumar and \*Dr. N. Appala Raju. BIOANALYTICAL METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS DETERMINATION OF BICTEGRAVIR, TENOFOVIR AND EMTRICITABINE IN HUMAN PLASMA BY LC-MS/MS. [http://wjpps.com/wjpps\\_controller/abstract\\_id/9856](http://wjpps.com/wjpps_controller/abstract_id/9856)
- 61.** Dr. T. Shyam, K.N.Rajinikanth, Dr. V. Kiran Kumar, Dr. VVSS. Appala Raju, Dr. Macharla Venkata Ramana and Dr. N. Appala Raju\* LC-MS/MS METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS QUANTIFICATION OF ELBASVIR AND GRAZOPREVIR IN HUMAN PLASMA.  
[http://www.ejbps.com/ejbps/abstract\\_id/5256](http://www.ejbps.com/ejbps/abstract_id/5256)
- 62.** \*N. Appala Raju et al.,. New RP-HPLC Method Development and Validation for the Determination of Pazopanib Hydrochloride in Tablet Dosage Form. International Journal of Pharmaceutical Quality Assurance 8(1) · January 2017 *with* 52 Reads  
DOI: [10.25258/ijpqa.v8i1.8434](https://doi.org/10.25258/ijpqa.v8i1.8434)

IX. National Conferences: NA

X. International Conferences: NA

XI. Chairperson/Judges/Organizing committee (If any):

1. Worked as Scientific Committee Member in Synchropharma-2014 to 2018- National level conference held at Sultan Ul Uloom college of Pharmacy, Hyderabad.

XII. Workshops/FDP (Total number attended & List):



1. Qualified in NPTEL-Certification program (8-Week FDP) entitled as “Computer aided Drug design”
2. Qualified in NPTEL-Certification program (12-Week FDP) entitled as “Advanced Medicinal Chemistry”

XIII. M. Pharm Projects (Total no. of projects): 15

XIV. Ph.D. Projects

Total number of Projects guiding: 2

XV. Awards: NA

XVI. Memberships: Active member in Science Advisory board. Established in 1997, The Science Advisory Board is an international community of science and medical experts. It connects a global network of research, development, and manufacturing professionals to collaborate on shaping the future of scientific technology. For further details please visit- <https://www.scienceboard.net/index.aspx?sec=def>