

FACULTY DETAILS

- I. **Name:** Dr. Appala Raju. Nemala
- II. **Designation:** Professor
- III. **Date of Joining:** 08th September 2005
- IV. **Date of Birth:** 25th May 1976
- V. **Email Id:** rajnemala@sucp.ac.in
- VI. **Educational Qualification:**



1. **B. Pharm:** B.Pharmacy (FDH), Andhra University, Visakhapatnam, Andhra Pradesh, India.
2. **M. Pharm:** M.Pharmacy (Pharmacognosy & Phytochemistry), Andhra University, Visakhapatnam, Andhra Pradesh, India.
Specialization: (Pharmacognosy & Phytochemistry)
3. **Ph.D.:** Ph.D., Pharmaceutical Analysis, Jawaharlal Nehru Technological University, Hyderabad, Telangana State, India.
GPAT Rank 985

Title of Ph.D. thesis:

New “Analytical method development for Active Pharmaceutical ingredients and their formulations”

VII. 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).
3. Vijaya Raju A.D and N. Appala Raju 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.
4. Dr. Addepalli V. Raju and **N. Appala Raju** 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.
5. **N. Appala Raju**, J. Venkateswara Rao*, K. Vanitha Prakash and K. Mukkanti etal., Spectrophotometric 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/.
6. K. Vanitha Prakash, J. Venkateswara Rao, **N. Appala Raju** etal. 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 Raju**, 1 Sridevi Chigurupati, 2 Raju V. V. S. S. Appala, 3 Kesavanarayanan Krishnan Selvarajan, 4 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. Available from www.ejpmr.com/admin/download/article/MTQ1MjA3NTQwNi5wZGY=
10. Inhibitory Activities of α -Glucosidase and α -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:

1. **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/download.php?vvol=24&vissueno=2).
2. **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>).
3. **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).
4. **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/download.php?vvol=24&vissueno=1).
5. 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).
6. 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 (http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=21_1_76).
7. 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.orientjchem.org/pds/download.php?vvol=24&vissueno=1.)
8. 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).
 9. 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)
 10. 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>).
 11. 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>)

IX. 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.

X. M. Pharm Projects (Total no. of projects): 22

XI. Ph.D. Projects:

Total number of Projects guiding: 2