

DEPARTMENT OF CHEMISTRY

PUBLICATIONS (2019-2023):

Dr.M.Manoranjani:

1. Method development and validation for simultaneous quantification of Netupitant and Palonosetron in Bulk and Pharmaceutical dosage forms and their forced degradation study by RP-HPLC in Asian journal of pharmaceutical and clinical research, vol 12(2),119-123,march 2019 ISSN No 0974-2441 scopus indexed.
2. Identification and HPLC quantification of aflatoxins in groundnut (ARACHIS HYPOGAEA L.) samples collected in Rayalseema area,Andhra Pradesh in International journal of pharmaceutical sciences & research,vol10(3),1312-1318, March 2019, ISSN NO 2320-5148.web of science,Thomson reuters,scopus ugc listed. [http://dx.doi.org/10.13040/IJPSR.0975-8232.10\(3\).1312-18](http://dx.doi.org/10.13040/IJPSR.0975-8232.10(3).1312-18)
3. A Review on Contamination, Effects and Analysis of Aflatoxins in Different Food Products International Journal of Pharmacy and Biological Sciences-IJPBSTM (2019) vol 9 (2): 371-378 Online ISSN: 2230-7605, Print ISSN: 2321-3272, April 2019, ugc listed. <https://doi.org/10.21276/ijpbs.2019.9.2.49>
4. Stability indicating assay method development and validation of Netarsudil and Latanoprost by RP-HPLC and its degradation vol 6(6) 825-832 ,June 2019,Journal of Emerging Technologies and Innovative Research (JETIR) (ISSN-2349-5162),UGC listed.
5. A Validated Isocratic Method for The Simultaneous Estimation of Terbutaline Sulphate and Guaifenesin in Cough Syrup by RP-HPLC. Indian Journal of Research in Pharmacy and Biotechnology (IJRPB) ISSN: 2321-5674 (Print), 2320-3471 (Online) Gadipati Sowri Raj1, Modugula Jyosthna1, Dr Dasi Jeevan Mani Babu1, Mekala Sunil1, Choppavarapu Dorcas Anand2, Dr M. Manoranjani3. 7(2), 31-39.March 2019 www.ijrpb.com CrossRef: <https://doi.org/10.31426/ijrpb.2019.7.2.7114>.
6. A Validated Reversed Phase HPLC Method Development for the Assay of Ciprofloxacin in Oral Suspension. Bathula Sivannarayana1, Modugula Jyosthna1, Dr.Dasi Jeevan Mani Babu1, Mekala Sunil1, Choppavarapu Dorcas Anand2, Dr M. Manoranjani3. Indian Journal of Research in Pharmacy and Biotechnology (IJRPB) ISSN: 2321-5674 (Print), 2320-3471 (Online). 7 (2), 40-49.March 2019 www.ijrpb.com. CrossRef: <https://doi.org/10.31426/ijrpb.2019.7.2.7115>
7. A study of method development and validation and forced degradation for simultaneous quantification of Cisplatin and Flouracil in bulk and pharmaceutical dosage form by RP-HPLC vol 13(3) pp 155-161,2021 Journal of Pharmaceutical Sciences and Research ISSN 0975-1459 M.Manoranjani
8. Simultaneous Estimation of Aflatoxins (B1,B2,G1 and G2) by Liquid Chromatography coupled with Mass Spectrometry (LC-MS) in Corn Samples pp 521-526 Asian Journal of Chemistry vol33 Issue no 3(2021) 521-526,ugc 8774 <https://doi.org/10.14233/ajchem.2021.23031>. Scopus ISSN 0970-7077
9. Affordable reverse phase fluid chromatographic strategy for the Assessment of Fosamprenavir in tablets Turkish Online Journal of Qualitative Inquiry (TOJQI)

10. In vitro examine of Risperidone in drug tablet dose structure using reverse phase fluid chromatographic (RP-HPLC) Strategy International journal of biology pharmacy and allied sciences (IJBPAS), Dec special issue, 2021 vol 10(12): pp74-80 web of science D.Anitha, M.Manoranjani, Parameswararao.
<https://doi.org/10.31032/IJBPAS/2021/10.12.2008> ISSN No 2277-4998
11. Analytical Method Development And Validation Of Dexemethylphenidate And Serdexmethylphenidate By Using RP-HPLC In Bulk And Pharmaceutical Dosage Form ISSN 0975-7058 vol 14(2) pp 110-115 2022, March in International journal of Applied Sciences Scopus, Indexed DOI: <https://doi.org/10.22159/ijap.2022v14i2.43515>
12. Assay Method Development And Validation Of Cilnidipine And Ramipril, Characterization Of Its Dedradants By Using LC-MS/MS ISSN 0975-7058 vol 14(2) pp276-285, 2022, March in International journal of Applied Sciences pp scopus indexed. Doi <https://doi.org/10.22159/ijap.2022v14i2.43570>
13. New Method For The Simultaneous Estimation Of Fenofibrate And Pitavastatin By Using RP-HPLC In Bulk And Pharmaceutical Dosage Form YMER issn no 0044-0477 vol 21 issue 7 july 2022 pp 890-901. <https://www.doi.org/10.37896/YMER21.07/72> scopus
14. LCMS method development and validation for the estimation of Tivozanib in Rat Plasma In YMER VOL 21 ISSUE 8 pp 1012 -1022 ISSN No 0044-0477 Doi <https://www.doi.org/10.37896/YMER21.08/87> M.Manoranjani, Md Ayesha, K.Bhanu Roshini, G.Hema Shankar Naveen. ISSN 0044-0477 Aug 2022. scopus
15. Evaluation of Fumonisin Contamination using Liquid Chromatography Mass Spectrometry in Corn Samples Collected from Different Locations Sailaja Ommi^{1,2*}, Manoranjani Medikonda, Krishnaveni Gudela. ISSN No 1998-409x Asian Journal of Pharmaceutics • Apr-Jun 2022 vol 16 (2) 148 to 155 web of science <https://doi.org/10.22377/ajp.v16i02>.
16. Development and validation of RP – HPLC method for the simultaneous determination of Aspirin and Prasugrel Hydrochloride, Dr.C.A.Jyothirmayee, Dr.M.Manoranjani, Dr.K.Sreelatha, V.Vasantha, Sk.Sabeena, P.Priyanka, M.Vijayakumari, K.Harika. ISSN No 0044 – 0477, YMER, April – 2023, vol 22 (4).

Dr.M.David Raju:

S.No	Author	Title of the Paper	Name of the journal with ISSN/ISBN number	Year/ Vol	Total citation Index/ Impact Factor
1	Dr.M.David Raju & Abdul Matin	Green Synthesis of zinc oxide nanoparticles using aqueous root extract of sphagneticola trilobata Lin and investigate its role in toxic metal removal, sowing	<i>Journal of Inorganic and Nano – metal chemistry</i> , Taylor and Francis group, vol:50, January, 2020. copous, UGC listed https://www.tandfonline.co	2020	0.78

		germination and fostering of plant growth"	m/doi/abs/10.1080/24701556.2020.1722694		
2	Dr.M.David Raju & Sodagudi Suhasini	Identification of Anomalous Activities in using Digital Technology	<i>Journal of Advanced Research in Dynamical and Control Systems is a SCOPUS Indexed Journal.</i>	2019	
3	Dr.M.David Raju	Method development and validation of oxometazoline HCl and sorbitol in biuk and pharmaceutical dosage form International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue	International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue page no.243-250, June-2019, : http://www.jetir.org/papers/JETIR1906324.pdf	2019	5.87
23	Dr.M.David Raju & S.Suhasini	Novel approaches to identify and prevent Cyber Attacks in Web, Published in: 2019 3rd International Conference on Computing Methodologies and Communication (ICCMC)	Date of Conference: 27-29 March 2019 Date Added to IEEE Xplore: 29 August 2019 ISBN Information: INSPEC Accession Number: 18958284 DOI: 10.1109/ICCMC.2019.8819822 Publisher: IEEE Conference Location: Erode, India, India https://ieeexplore.ieee.org/document/8819822	2019	
24	D.E. Prasada Rao M. Ravikiran M. Murali M. David Raju , P. Eswaraiha a , N. Ravi Kumar Reddy , C. Rajendiran , M.V. Basaveswara Rao ,	Synthesis of 3-methylthioimidazo[1,2-a]pyridines derivatives	Journal of Chemical Data Collections,vol 31,2021.ELSEVIER,SCOPUS,CHEMICAL ABSTRACTS, ISSN: 2405-8300 Pub Date : 2020-12-29, https://www.sciencedirect.com/science/article/pii/S2405830020303360	2020	2.22(SC OPOUS)
25	Sk Abdul Matin Dr.M.David Raju,D.Ramash ekar Reddy,Dr.Jaya Dev D	Synthesis of zinc oxide nanoparticles using anthocephalus cadamba plant extracts and explores its antioxidant anti-inflammatory and anti diabetic activity	, J,Intern national journal for modern trends in science and technology,ISSN 24553778,Vol7,Issue01, http://dpoi.org/10.46501/IJMTST070135 ,UGC Recognised Available online at: http://www.ijmtst.com/vol7is https://rjptonline.org/lexedIn .	2021	

26	SK. Abdul Mathin ^{1*} , M. David Raju, D. Rama Sekhara Reddy	Green synthesis, Characterization and application study of Zinc nanoparticles Synthesized using aqueous root extract of Sphagneticola trilobataLin	Research J. Pharm. and Tech. 13(12): December 2020 https://www.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=13&issue=12&article=057	2021	0.23(Scopus)
		----- National	Journals -----		
1	M.D. Raju , M.S. Singh and A.K. Singh,	Synthesis and characterisation of benzilmonoxime complexes of organosilicon(IV).	Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print)	38A, 1060 (1999)	0.729
2	M.D. Raju , V.W. Bhagwat, M.S. Singh & S.K. Tiwari,	Hypervalent organosilicon compounds: Synthesis and spectral studies.	Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print)	716 (1999).	0.729
3	M.D. Raju , Pratibha Singh M.S. Singh and Anil K. Singh,	Remote Dianions and their Application in the Synthesis of Macroheterocycles.	Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print)	(2006)	0.729
4	M. David Raju , Mandava V.Basaveswara Rao, B.C.K. Reddy, T.Srinivas Rao,	Estimation of primidone in commercial dosage forms using a simple and convenient hplc method	Rasayan Journal of Chemistry ISSN 2277-2871	2(2):297-299 · April 2009	-
5	M.D. Raju , M.S. Singh and A.K. Singh,	Synthesis and characterisation of benzilmonoxime complexes of organosilicon(IV).	Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print)	38A, 1060 (1999)	0.729
6	Medepalli David Raju	Nitrogen, Oxygen bonded heterocyclic Organosilicon(IV) derivatives of a new schiff base: synthesis and spectral aspects,	Journal of current chemical and pharmaceutical science	1(i),2011,9-14	-

Dr.T.N.V.V.S.S.Satya Dev:

International

1. Kinetics and Mechanism of the oxidation of Cinnamyl and substituted Cinnamyl alcohols by benzyltrimethylammoniumdichloroiodate. **T N V S SSatyadev**, Madhu. Matta.,Reddy. T. V.*, **Der ChemicaSinica** ;2011, 2(6): 42 – 47. ISSN No: 0976-8505. IF: 0.676. Chemical Abstract Service (CAS) division of American Chemical Society.
2. Kinetics and mechanism of halogenation of aniline, p-toluidine and o-toluidine using N-chloro-p-toluene sulphonamide (CAT) under buffer conditions in ethanol – water mixtures''.**T.N.V.S.S.Satyadev**, B.SyamaSundar, P.S.Radhakrishnamurti**IOSR Journal of Applied Chemistry** Volume 4, Issue 1, (Mar-Apr) 2013; 38 – 43. e-ISSN No: 2278-5736. IF : 1.238 Indexed : Cross Ref, J- Gate and NASA

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5. Simultaneous Estimation of Thiocolchicoside and Ketapropfen in Bulk and Pharmaceutical Formulations by Validated Stability Indicating RP-HPLC Method .**T N V S SSatyadev**, Satyanarayana MV , Dr NageswaraRao M, Dr Anuradha V. **American Journal of Pharm Tech Research**.2014, 4(3) , 181-193. ISSN No: 2249-3387. IF : 0.9832.
6. Development and Validation Of Stability Indicating Rp-Hplc Method For Simultaneous Estimation Of TolperisoneHCl And Paracetamol in Bulk and its Pharmaceutical Formulations. **T N V S SSatyadev**, M V Satyanarayana, Dr. Ch Rama Krishna, Dr. V.Anuradha. **Der Pharmacia Sinica**, 2014, 5(5):8-17. ISSN No: 0976-8688. IF : 0.654.
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10. A New Rp-Hplc Method for the Determination of AmoxycillinTrihydrate in Bulk and Pharmaceutical Formulations. **T N V S SSatyadev**, M. Madhu1, G. Hephzibah and T. V. Reddy. **Der Pharmacia Lettre**, 2016, 8 (2):475-482. ISSN No: 0975-5071. **(IF 0.40)SCOPUS INDEXED.**
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13. Validated RP-HPLC method for the determination of Meprobamate in bulk and pharmaceutical formulations. **T N V S SSatyadev**, M. Madhu, and T. V. Reddy. **International Journal of Chemical Studies** 2016; 4(3): 88-93. **P-ISSN2349–8528, E-ISSN 2321–4902 (IF 0.346)**

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17. A New Related Substances Method Development and Validation of Two Anti-Cancer Drugs by Using Effective Liquid Chromatographic Method. **T N V S S SATYADEV***, **CHINTALAPUDI RAMAKRISHNA**.**International Journal of Applied Pharmaceutics**. ISSN-0975-7058Vol14,Issue2, 2022, 116-124. DOI: **<https://dx.doi.org/10.22159/ijap.2022v14i2.43582>**. **SCOPUS INDEXED.**
18. Method Development and Validation for The Simultaneous Estimation of Flupentixol and Escitalopram by Using Rp-Hplc. **Dr. T N V S S Satyadev**, Chintalapudi Ramakrishna. YMER || ISSN : 0044-0477, VOLUME 21 : ISSUE 7 (July) – 2022. 912-921. DOI:**10.37896/YMER21.07/74.SCOPUS INDEXED.**
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20. Molecular Interactions of Ethyl Butyrate with Alkoxyalkanols. Aparna Seetharam K, Kavitha Ch, **Satyadev T.N.V.S.S.**, B. Syama Sundar. DICKENSIAN JOURNAL, ISSN NO : 0012-2440 VOLUME 22, ISSUE 4, 2022, 303-318. **SCOPUS Indexed UGC Care II listed JournalDOI: 10.12001.DK.I20.**

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 6. Simultaneous Determination of Acetaminophen and Guiafenesin in Pharmaceutical Dosage Form by a Validated RP – HPLC Method. **T N V S SSatyadev**, Satyanarayana MV, Prof V Anuradha. **Indo American Journal Pharmaceutical Research** 2014, 4(02): 1140 – 1152. ISSN No: 2231-6876. IF : 2.37.
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 8. Development and Validation of a Rp-Hplc Method For The Determinaton Of Olmesartan In Human Plasma.**T N V S SSatyadev**, B. Jyothirmai, T. Santosh and B. SyamaSundar. **International Journal of Research in Pharmacy and Chemistry**. 2014, 4(2),457-466. e-ISSN No: 2231-2781. IF : 0.521 **Cited by 2**
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 11. Validated Stability Indicating Rp-Hplc Method for Simultaneous Determination of Armodafinilin Bulk and its Pharmaceutical Formulations. **T N V S SSatyadev**, Dr.MManoranjani,Dr T E Divakar,G Vijay Swaroop Sigh. **Journal for Advanced Research in Applied Science**, 2015, 2(2):83-89. E-ISSN No: 2394-8442. IF : 2.8.
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 13. A Review on the Role of Nanocatalysts in Industry.**T N V S SSatyadev**, M V Satyanarayana, Y Pavani. **Indian Journal of Research in Pharmacy and Biotechnology**ISSN: 2321-5674(Print); 2320 – 3471(Online). **IJRPB** 4(6) www.ijrpb.com November-December 2016. GIF 0.654
 14. Determination of Pantoprazole in Bulk and Pharmaceutical Formulations by Validated Rp-Hplc Method. **T N V S SSatyadev**, M Madhu, K Gowri, Dr T V Reddy. **International Journal of Advance Engineering and Research Development**, Volume

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15. Validated Stability Indicating RP-HPLC Method for Determination of Lamivudine in Bulk and Pharmaceutical Formulations. **T N V S SSatyadev**, Dr Madhu, Dr T V Reddy, V. Sailaja, G. Hephzibah. **International Journal for Research in Engineering Application & Management (IJREAM)**ISSN : 2454-9150, 303 | IMC18609. Impact Factor 5.684. (**UGC approved**).
 16. Decarboxylation Reaction of Oxalic acid by Trichloromelamine at Room Temperature in **International Journal of Research and Analytical Reviews (IJRAR)**. E-ISSN 2348-1269, P- ISSN 2349-5138, 6(2), 793-794, 2019. UGC Approved (43602), IF 5.75. (UGC approved).
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 18. Validation method development for the assay of Levetracetam in Pharmaceutical formulation – **International Journal of Research and Analytical Reviews**. Volume – 7, Issue – 1, February, Pg.No:503 – 509, UGC approved, ISSN No.2349 – 5138.
 19. Validated Method Development For The Assay of Brexpiprazole in Pharmaceutical Formulations Dr T N V S SSatyadev ,VentrappagadaJavali. **Journal of Emerging Technologies and Innovative Research (JETIR)**. ISSN 2349-5162,Vol 7, Issue 11, November, 2020., 715-722. UGC Approved (63975). IF 5.87.
 20. Dr T N V S SSatyadev, Dr Ch Rama Krishna, Dr ChBhargavi.Validated Method Development For The Assay Of Velpatasvir In Pharmaceutical Formulations, JETIR May 2021, Volume 8, Issue 5, 257-266 **ISSN: 2349-5162**. [UGC Approved Journal No 63975 International Journal](#). Link<https://jetir.org/jetir%20ugc%20approval.pdf>
 21. A New Selective Separation method development and Validation of Cabozantinib and Nivolumab Using HPLC Dr. T N V S SSatyadev, . Pharm. Sci. & Res. Vol. 13(3), 2021, 188-192. ISSN: 0975-1459. Scopus Indexed. Link: <https://www.jpsr.pharmainfo.in/scopus.php>.
 22. Zn(OAc)₂•2H₂O-catalyzed one-pot synthesis of divergently substituted Imidazoles, Bhargavi Chintaa , T. N. V. S. S. Satyadev and G. V. Adilakshmi, Current chemistry letters 12(1)2023, pg: 174-184. doi: 10.5267/j.ccl.2022.8.007.