

Profile

Dr. K. PARAMESWARA RAO



Designation : Assistant Professor

Department: Chemistry

Date of Birth: 02/03/1980

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Education:

Details	Year	Institution	Percentage/Grade
UG	2005	Andhra Loyola College	72.5
PG	2007	SRR & CVR Govt Degree & PG College	62.5
M.Phil.			
Ph.D.	2015	Acharya Nagarjuna University	A

Experience:

Period	Designation	Institution / Organization
16 Years	Lecturer	Andhra Loyola College

Courses Taught:

Year	Title(s) of the Courses
2017-2018	INTERMEDIATE
2018-2019	INTERMEDIATE
2019-2020	INTERMEDIATE
2020-2021	INTERMEDIATE

2021-2022

INTERMEDIATE

2022-2023

INTERMEDIATE

Research Profile: Development and validation of few simple UV-Visible spectrophotometric and sensitive RP-HPLC methods for the determination of some selected drugs in pure and in pharmaceutical dosage forms

Research Area: Analytical Chemistry

Research Publications: < In Ph.D. thesis enclosed publications (05)

1. Noval spectrophotometric methods for the assay of Glibenclamide in pure and dosage forms.
K. Parameswara rao, M.V. Satyanarayana, T.Nagaraju, and G.V.Ramana.
Der Pharma Chemica. 4(6) (2012) 2449 – 2452. ISSN: 0975-413X
2. Sensitive extraction spectrophotometric methods for the determination of Atazanavir Sulfate in bulk and pharmaceutical formulations
K. Parameswara rao, M.V. Satyanarayana, T.Nagaraju, and G.V.Ramana.
Rasayan J.Chem.5(2) (2012) 481- 485. ISSN: 0974-1496
3. Cost effective isocratic RP-HPLC method for simultaneous determination of Etoricoxib and Paraceamol in pure and in tablet formulations.
K. Parameswara rao and G.V.Ramana.
Journal of Advanced Studies in Agriculture, Biological and Environmental Science (JABE).1(2) (2014)201-209 ISSN: 2341-4103
4. Development and validation of stability indicating RP-HPLC assay method of Zolmitriptan in pure and pharmaceutical dosage forms.
K. Parameswara rao and G.V.Ramana ISSN: 2341-4103
Bulet of pharmaceutical and Medical Science (BOPAMS), 2(3) (2014) 2341-2345.
5. Isocratic RP-HPLC methods for the simultaneous determination of Paracetamol and Aceclofenac in pure and in dosage forms
K. Parameswara rao and G.V.Ramana. ISSN: 2341-4103
Bulet of pharmaceutical and Medical Science (BOPAMS), 2(3) (2014) 2416-2422

Publications after Ph.D. Awarded (16)

1. G C-MS Screening of Bioactive Compounds from Seeds of Croton Bonplandianum Baill (Euphorbiaceae)
K. Parameswara Rao, B. V. Ramesh, Ch. Siva Prasad and M.C. Rao
Der Pharm. Lett. 8(9) (2016) 341-348. ISSN: 0975-5071
www.scholarsresearchlibrary.com
2. Validated Isocratic Reversed Phase Liquid Chromatographic Method for the Determination of Darunavir in Pure and Formulations
K. Parameswara Rao, B.V. Ramesh, Ch. Siva Prasad, G.V. Ramana and M.C. Rao
Der Pharm. Lett. 8(10) (2016) 222-228. ISSN: 0975-5071

3. Development and Validation of New Stability Indicating RP-HPLC Method for the Assay of Atazanavir in Pure and Dosage Forms
K. Parameswara Rao, G.V. Ramana and M.C. Rao
Der Pharm. Lett. 8(13) (2016) 259-266. ISSN: 0975-5071
4. Development and Validation of Some New UV-Visible Spectrophotometric Methods for the Assay of Indinavir in Pure and Dosage Forms
K. Parameswara Rao, G.M. Srirangam, G.V. Ramana and M.C. Rao
Rasayan J. Chem., 9(3) (2016) 393-400. ISSN:0974-1496
WWW.RASAYANJOURNAL.COM
5. A Rapid RP-HPLC Method Development for Quantitative Estimation of Indinavir in Pure and Dosage Forms
K. Parameswara Rao, G. V. Ramana and M.C. Rao
Der Pharm. Lett., 8(14) (2016) 132-139. ISSN: 0975-5071
6. Development of New Visible Spectrophotometric Assay Methods for Atazanavir in Pure and Dosage Forms
K. Parameswara Rao, G.M. Srirangam, G.V. Ramana and M.C. Rao
Res. J. Pharm. Bio. Chem. Sci., 7(5) (2016) 3042-3050. ISSN: 0975-8585
7. Development and Validation of Sensitive RP-HPLC Method for the Estimation of Glibenclamide in Pure and Tablet Dosage Forms
K. Parameswara Rao, G. V. Ramana and M.C. Rao
Der Pharm. Lett., 8(15) (2016) 101-106. ISSN: 0975-5071
8. Validation of Spectrophotometric Methods for the Assay of Zolmitriptan in Dosage Forms
K. Parameswara Rao and M.C. Rao
Der Pharm. Lett., 8 (15) (2016) 125-132. ISSN: 0975-5071
9. Spectrophotometric Methods in the Analysis of Drugs in Pure and Dosage Forms
K. Parameswara Rao and M.C. Rao
Int. J. Chem. Sci., 14(4) (2016) 2389-2396. ISSN: 0972-768X
www.sadgurupublications.com
10. Validation of Stability Indicating RP-HPLC Assay Method of Tofisopam in Pharmaceutical Dosage Form
S. Shantkriti, T. Rosemary, **K. Parameswara Rao** and M.C. Rao
Res. J. Pharm. Bio. Chem. Sci., 8(2) (2017) 841-847. ISSN: 0975-8585

11. Visible Spectrophotometric determination of Azithromycin in pure and dosage forms
K. Parameswara Rao
Int.J.Chem.Sci.14(3) (2016) 1569-1576. ISSN: 0972-768X
12. Spectrophotometric methods for the validation of Indinavir in pharmaceutical dosage Forms
K. Parameswara Rao
Int.J.Chem.Sci.14 (4) (2016) 1984-1990. ISSN: 0972-768X
13. Development and validation of RP-HPLC methods for the assay of Bisoprolol in pure and Formulations.
G.Siva Shankar Rao, **K. Parameswara Rao**, and D.Ramachandran. ISSN: 2349-7203
International Journal of Pharmacy and Pharmaceutical Research.(IJPPR). 1(3) (2015) 15-24
14. Development and validation of RP-HPLC method for the estimation of Antiretroviral Drug in tablet dosage forms
K. Parameswara Rao
Int.J.Chem.Sci.14 (4) (2016) 2461-2466. ISSN: 0972-768X
15. Phytochemical screening and antioxidant potential of Thespesia Populnea(1.) Seed Extract.
K. Parameswara Rao
Der Pharmacia Lettre, 8(12) (2016) 200-207. ISSN: 0975-5071
16. Determination of Felodipine in bulk drug and its dosage formulation using Bromophenol Blue and Bromothymol Blue as reagents
M.V. Satyanarayana, **K. Parameswara Rao**, T.Nagaraju, Rama Rao PVVS, Anuradha v4
Am.J.Pharm Tech Res. 3(1) (2013) 387-392s ISSN: 2249-3387
17. In vitro examine of Risperidone in drug tablet dose structure using reverse phase fluid Chromatographic (RP-HPLC) strategy
D.Anitha1, **K.Parameswara rao2** & M.Manoranjini
IJBPAS,December,Special Issue, 2021,10 (12):74-80. ISSN: 2277-4998
18. Affordable reverse phase fluid chromatographic strategy for the assessment of Fosamprenavir Tablets.
D.Anitha1, **Dr. K.Parameswara rao2** & M.Manoranjini
Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12,
6, July 2021: 5118-5122 eSSN: 1309-6591
19. Synthesis and characterization of silver nanoparticles from the leaf extract of Malachra capitatan(L)
G.M. Srirangam and **Dr. K.Parameswara rao**
Rasayan J. Chem., 10(1) (2017) 46-53. ISSN: 0974-1496

Professional Development Activities – Participations

<Details of FDP / PDP / Seminars /Conferences etc.>

Year	Programme	Number
2017-2018	From 2018-2023 As Committee Member in SC&ST Cell	
2018-2019		
2019-2020	From 2019 - 2023 As Subject Expert in the BOS Meeting of S.V.K.P & Dr.K.S.Raju Arts & Science College (Autonomous), Penugonda. Dept. Chemistry for (UG & PG)	
2020-2021		
2021-2022	As Committee Member on NCC Priorities for 1%Reservation in Admission Quota of Higher Studies. Ref:-1.Procuds.No.APSCHE/CETs/NCC/G.O.23/Committee/2022 Dated.06.10.2022.	
2022-2023		