

Government Degree College, Narsipatnam
Anakapalle Dist.
Department of CHEMISTRY
Profile of the Lecturer

Name :	Dr.S.Raju	
Designation:	Principal	
Employee ID:	2237010	
Email:	raju.etk@gmail.com	
Mobile No.:	9440306372	
Date of Birth:	16-03-1972	

1.Educational Qualifications:		M.Sc; B.Ed; Ph.D			
Date of First Appointment: (Junior lecturer)		26-10-1999 FN			
Date of Promotion: (Lecturer)		20-07-2005 FN			
Date of Promotion: (Principal)		30-09-2021 FN			
Date of Retirement:		31-03-2032			
2.Departmental Tests Passed :					
Name of the Test		Roll Number & Year of Passing			
Accounts Test for Executive Officers		20110780 & April-2005			
Gazetted Officers of the Education Department		20110492 & April-2005			
3.FDP Programme (Research Programme)					
		From	To		
FDP-Faculty Development Programme(2years)		01-07-2009	30-06-2011		
4.Orientation Course Attended:					
Sl. No.	Name of the Course	From - To	University/Institution		
01	U.G.C. Sponsored Orientation Course	12-02-2008 to 10-03-2008	Andhra University, Visakhapatnam.		
5.Refresher Course Attended:					
Sl. No.	Name of the Course	From - To	University/Institution		
01	Information Technology	06-10-2008 to 25-10-2008	Sri.Venkateswara University, Tirupati		
02	Life Science/Marine Science	18-01-2011 to 07-02-2011	Andhra University, Visakhapatnam.		
03	Environmental Sciences	24-01-2014 to 13-02-2014	Andhra University, Visakhapatnam.		
6.Training Programmes:					
Sl. No.	Title of Training Programme	Date	Conducted By	Inter/National/State	Participated/Paper Presented
01	Training Program	12-12-2005 to 17-12-2005	CCE, Hyd	State	Participated

02	Training Program	26-03-2011 to 31-03-2011	APSCHE,Hyd	State	Participated
03	Training Program	23-02-2013 to 28-02-2013	CCE, Hyd	State	Participated
04	Training Program	25-09-2014 to 27-09-2014	Dr.V.S.K. G.D.C, VSKP	District Level	Participated
05	Training Program (WEBNAR-FDP)	01-07-2020 to 05-07-2020	CCE, Vijayawada, AP	State	Participated
06	Training Program	25-11-2021 to 29-11-2021	CCE, Vijayawada, AP	State Level	Participated

7.Seminars/ Workshops Attended:

Sl. No.	Title of Seminar/Workshop	Date	Conducted By	International/National/ State	Participated/Paper Presented
01	Drugs,petrochemicals,polymers & Environmental chemistry	13 & 14 th Oct-2006	A.M.A.L. College Anakapalle	Regional	Participated
02	Instrumental methods in practical chemistry	11 & 12 th Dec-2007	Dr.V.S.K. G.D.C,VSKP	Regional	Participated
03	Sustainable Development, Rethinking Environmental Initiatives	01 & 02 nd Sept-2008	St.Joseph college for women,VSKP	National Seminar	Participated
04	Modern Aspects of Chemistry	28 th Jan-2010	Dr.V.S.K. G.D.C, VSKP	Regional	Participated
05	Analytical Chemistry-Its Importance in Industry, Environmental and Health	24 & 26 th sept-2010	Andhra University, VSKP	National Seminar	Participated
06	National Conference on Biological Chemistry	29 & 30 th Nov-2010	GITAM University, VSKP	National Conference	Participated
07	Andhra Pradesh Science Congress	14 to 16 th Nov-2011	GITAM University, VSKP	National	Paper presented
08	Recent Trends and Future Perspective in Material Science	28 & 29 th Jun-2013	Dept. of Inorganic & Analytical Chemistry-AU	National	Participated
09	Chemistry Education : Challenges and Oppprtunities	14 th Dec-2013	GITAM University, VSKP	Regional	Participated
10	Green Chemistry Practices in Drugs & Advanced material development	20 & 21 st Dec-2013	Dr.V.S.K. G.D.C, VSKP	National	Convener
11	Higher Education-The Roll of Teacher	10 th Oct-2014	Mrs.A.V.N. College,VSKP	National	Participated
12	Impact of Toxic metals, Minerals and Solvents leading to Environmental Pollution	17 & 18 th Oct-2014	Govt.College for Women(A) Guntur	National	Paper presented
13	Yuvatharangam	14 & 15 th Nov-2014	Dr.V.S.K. G.D.C, VSKP	Dist.level	Participated
14	Recent Trends in Spectroscopy	11 th Dec-2014	D.N.R.College,Bhimavaram	National	Paper presented
15	Recent Development in Nanochemistry	12 th Dec-2014	Dr.V.S.K. G.D.C, VSKP	National	Convener
16	2 nd Annual International Conference & Industry-CCRS Congress	13 & 14 th Dec-2014	Andhra University, VSKP	International	Paper presented
17	Advanced Functional Materials and Computer Applications in Materials Technology	18 & 19 th Dec-2014	Dr.V.S.K. G.D.C, VSKP	National	Participated
18	Recent Trends in Indian Banking	30 th Dec-2014	Dr.V.S.K. G.D.C, VSKP	National	Participated
19	Digital Alternatives to	9 th Jan-2015	Dr.V.S.K.	National	Participated

	Animal Dissections & Experimentation		G.D.C, VSKP		
20	Recent Developments in Synthetic & Matetials Chemistry	16 & 17 th Jan-2015	Ratnam College of Arts,Science & Commerce, Mumbai	National	Paper presented
21	Recent Developments in Synthetic & Matetials Chemistry	16 & 17 th Jan-2015	Ratnam College of Arts,Science & Commerce, Mumbai	National	Poster presentation
22	The Impact of Socio-Economic and Political Development on Environment & Biodiversity	28 th Feb-2015	Dr.V.S.K. G.D.C, VSKP	National	Paper presented
23	Green Environment by Nano Chemical Technology	1 st & 2 nd March-2015	GDC for Men, Srikakulam	National	Paper presented
24	Water and Sustainable Development	22 nd & 23 rd Mar-2015	A.U.College of Engg.VSKP	National	Participated
25	Advanced Molecular Spectorsopic Techniques	21 st & 22 nd Aug-2015	Govt.College Rajahmundry	National	Paper presented
26	Yuvatharamam	29 th & 30 th Sept-2015	Dr.V.S.K. G.D.C, VSKP	District Level	Participated
27	Quality Enhancement in Govt. Degree Colleges-Role of Teachers	10 th Oct-2015	GCGTA,A.P.	National	Participated
28	Choice Based Credit System-Credit Framework for Skill Development in Under Graduate Courses	16 th Oct-2015	Dr.V.S.K. G.D.C, VSKP	District Level	Participated
29	Recent Advances and Challenges in Chemistry	31 th Jan & 1 st Feb, 2017	Dr.V.S.K. G.D.C, VSKP	National	Paper presented
30	Green Wealth for Global Health	15 th & 16 th Feb, 2017	Dr.V.S.K. G.D.C, VSKP	National	Participated
31	Nutritional Values of Ethnic Foods	17 th Feb, 2017	Dr.V.S.K. G.D.C, VSKP	National Workshop	Poster presentation
32	Recent Trends in Chemical Speciation, Kinetics and Nanomaterials	3 rd & 4 th March, 2017	Andhra University, VSKP	National Seminar	Participated
33	Recent Trends in Chemistry and Physics of Materials	15 th & 16 th Sept, 2017	S.R.R. & C.V.R. Degree College Vijayawada	National	Paper presented
34	Zonal Level Workshop on E-Office	28 th Oct, 2017	Dr.V.S.K. G.D.C, VSKP	Zonal Leval	Participated
35	Advanced Materials and Applicationa	13 th & 14 th October, 2017	GITAM University	International	Participated
36	Recent Advances in Chemical Sciences	26 th October, 2017	Dr.B.R.Ambedkar University Srikakulam	National	Participated
37	Andhra Pradesh SCIENCE CONGRESS-2017	7 th & 9 th November, 2017	Andhra University Visakhapatnam	National	Paper presented
38	Physics and Chemistry of Non-Crystalline Materials	1 st & 2 nd December-2017	Kakani Vankata Ratnam College Nandigama Krishna Dist.	National	Paper presented
39	Indian Council of Chemists	26 th & 28 th December, 2017	Andhra University Visakhapatnam	National	Participated
40.	Recent Advances In Modeling Spectroscopy and Material Science	14 & 15 th Dec-2018	M.R.College (Atonomous) Vizianagaram	Regional (workshop)	Participated
41	Recent Advances in Chemical, Pharmaceutical and Life Processes	13 th - 15 th July, 2019	Andhra University Visakhapatnam	International	Paper presented
42	Chemical Physics and	16 th July,	Andhra	International	Participated

	Engineering	2019	University Visakhapatnam		
43	Chemical Speciation in Biology and Marine Environment	29 th & 30 th Sept, 2019	Andhra University Visakhapatnam	National	Paper presented
44	Recent Trends in Nanoscience and Green Chemistry for Sustainable Development	27 th & 28 th Jan, 2020	St. Joseph college for women, VSKP	National Conference	Paper presented

8. Details of Publications:

Sl. No.	Name of the Article	Publication Details	Name of the Journal	National / Internati onal
01	Speciation of Co(II), Ni(II) and Cu(II) Complexes with L- Glutamic acid in Dioxan- Water Mixtures	64, (2011) 132-8	South Afr. J. Chem.	Internation al
02	Chemical Speciation of Ternary Complexes of Co(II), Ni(II) and Cu(II) with L- histidine and L-glutamic acid in low dielectric media	4(12), (2011) 1908-14	Asian J. Res. Chem.	National
03	Speciation studies of L- histidine complexes of Pb(II), Cd(II) and Hg(II) in Dioxan- water mixtures	3(2), (2011) 194-205	Der Pharma Chem.	National
04	Solvent effect on Protonation equilibria of L-glutamic acid and L-histidine in Dioxan- water mixtures	IV(3), (2011) 20-33	IUP J. Chem.	National
05	Speciation of binary complexes of Ca(II), Mg(II) and Zn(II) with L-glutamic acid in DMSO-water Mixtures	3 (5), (2011) 155-167	Der Pharma Chemical	National
06	Speciation of binary complexes of L-Glutamic acid with Co(II), Ni(II) and Cu(II) in low dielectric media	89(1), (2012) 57-62	J Indian Chem. Soc.	National
07	Effect of dielectric constant of medium on chemical speciation of L-Histidine complexes of Co(II), Ni(II) and Cu(II)	26(2), (2012) 227-38	Bull Chem. Soc. Ethiop.	Internation al
08	Chemical speciation of CaII, MgII and ZnII complexes of L-glutamic acid in 1, 4- dioxan-water mixtures	89, (2012) 959-61	J Indian Chem. Soc.	National
09	Speciation of complexes of Co(II), Ni(II) and Cu(II) with L-Histidine in dioxan-water mixtures	24(1), (2012) 46-52	Chem. Speciat. Bioavail.	Internation al
10	Formation and Confirmation of Binary Complexes of Calcium(II), Magnesium(II) and Zinc(II) with L-histidine in Dioxan-water media	24(3), (2012) 139- 46	Chem. Speciat. Bioavail.	Internation al
11	Speciation studies of ternary complexes of some essential divalent metal ions with L- histidine and L-glutamic acid in DMSO-water mixtures	24(3), (2012) 159-66	Chem. Speciat. Bioavail.	Internation al

12	Chemical Speciation Of Binary Complexes Of Pb(II), Cd(II) And Hg(II) With L-Glutamic Acid In Dioxan-Water Mixtures	24(4), (2012) 241- 7	Chem. Speciat. Bioavail.	International
13	Study of ternary complex stability constants of some toxic metal ions with L-Histidine and L-Glutamic acid in Dioxan-water mixtures	82(4), (2012) 303-11	Proc. Nat. Acad. Sci, India	National
14	Chemical speciation of L-Glutamic acid complexes of some toxic metal ions in DMSO-water mixtures	89 (10), (2012) 1443-5	J. Indian Chem. Soc.	National
15	Ternary complexes of some divalent metal ions with potentially tridentate ligands in dioxan-water mixtures	65, (2012) 184-90	S. Afr. J. Chem.	International
16	Mixed-ligand complex formation equilibria of Co(II), Ni(II) and Cu(II) with L-histidine and L-glutamic acid in dioxan-water mixtures	28(9), (2012) 1790-98	Chinese J. Inorg. Chem.	International
17	Speciation studies of L-histidine complexes of Pb(II), Cd(II) and Hg(II) in DMSO-water Mixtures	(2013) 1-9	Int. J. Inorg. Chem.	International
18	Complexation of Some Essential Divalent Metal Ions with L-histidine in DMSO-Water Mixtures	37(1), (2014) 64-75	Oxidation Communications	International
19	Protonation Equilibria Of L-Glutamic Acid and L-Histidine In Low Dielectric Media	Vol. 1, Issue 2 (2016) 11-17	Global Research and Development Journal for Engineering	International
20	Speciation of ternary complexes of L-histidine and L-glutamic acid with some toxic metal ions in polar medium	Vol. 93, December (2016) , 1365-1372	J. Indian Chem. Soc.	National
21	Spectrophotometric Determination of Protonation Constants of L-Dopa in Dimethylformamide-Water Mixtures	Vol. 6, Issue 3 (2021) 09-12, ISSN-2455-5703	Global Research and Development Journal for Engineering	International
22	Investigation of Protonation Constants of L-Tyrosine in DMF and EG-Water Mixtures by Spectrophotometric Method	Vol. 14, Issue 3 Ser. I March (2021) , 08-12, e-ISSN: 2278-5736.	IOSR Journal of Applied Chemistry (IOSR-JAC)	International
23	Spectrophotometric Determination of Chemical Speciation of Complexes of L-Dopa with Co(II), Ni(II) and Cu(II).	Vol. 12(2) (2021), 79-88 ISSN: 0975-8585	Research Journal of Pharmaceutical, Biological and Chemical Sciences(RJPBCS)	International
24	Prediction of Chemical Speciation of Essential Metal ion Complexes of L-Tyrosine in Ethylene glycol and Dimethylformamide media	Vol. 11, Issue 4, APRIL (2021), 96-108 ISSN NO:1934-7197	Journal of Engineering, Computing & Architecture (journaleca)	International
25	Electrophilic Effects of Copper Ions on Kinetics of Dissociation of Tris (1,10-Phenanthroline) Iron (II) in	Vol.13(3):2021,52-57 ISSN 0975-413X CODEN (USA): PCHHAX	Der Pharma Chemica,	International

	Sodium Dodecyl Sulphate Micellar Medium		
9. Major/ Minor Research Projects			
Major/ Minor	Title of the project	Sanctioned by	Date of completion
Minor Research Project	“Prediction of Chemical Speciation of Essential Metal ion Complexes of L- Dopa and L- Tyrosine in Ethylene glycol (EG) and Dimethylformamide (DMF) media	No.F. MRP-6419/16 (UGC-SERO) 3,30,000 /-	2021
10. Achievements:			
a) Research Guide in Inorganic & Analytical Chemistry, Andhra University, VSKP			
b) Acted as a convener to UGC sponsored Two days National seminar on Green Chemistry Practices in Drugs & Advanced material development (GPDAM-2013) On 20 & 21 th 2013			
c) Acted as a convener to UGC sponsored One Day National Seminar on Recent Developments in Nanochemistry”(RDNC-2014) on 12-12-2014			
d) Acted as a convener to UGC sponsored Two Day National Seminar on Recent Advances and Challenges in Chemistry”(RACC-2017) on 31 st January & 1 st February 2017			