

BIODATA-SYNOPSIS



1. **Name:** Dr. P. SRINIVASA RAO

2. **Sex:** MALE

3 **Qualifications:** M.SC., Ph.D.,

(INORGANIC & ANALYTICAL
CHEMISTRY)

4.**Title of the Ph.D. Thesis** :CHEMICAL SPECIATION OF
CO(II), Ni(II), Cu(II) AND Zn(II) COMPLEXES WITH
BIO-LIGANDS IN AQUA-SURFACTANT MIXTURES

5.**Date of award of Ph.D.** : 22-09-2011 (ANDHRA UNIVERSITY CAMPUS)

6. **Designation** : ASSISTANT PROFESSOR
GAYATRI VIDYA PARISHAD COLLEGE OF
ENGINEERING FOR WOMEN

7. **Specialization**
Areas of interest in Research : INORGANIC & ANALYTICAL (STABILITY CONSTANTS)
CHEMISTRY

8. **Residential Address** : Dr. P.Srinivasarao, SKML enclave
Door No: 9-7-23/4/4,
Shivajipalem, Visakhapatnam-17
Residential Telephone : +91-9885220777
E. Mail: raosrp@gmail.com

9. **Office address:** Dr. Pedada. Srinivasa Rao, M.Sc., Ph.D.,
Assistant professor, (Engineering Chemistry)
Gayatri vidya parishad College of engineering for women,
Madurawada, Kommadi, Visakhapatnam-500048,
Andhra predesh.

II. Academic Qualification:

University/ Institution	Course(s)	Grade/Class% Marks
Andhra university	B.Sc.,(MPC)	First 65.5
Andhra university campus	M.Sc.,(Inorganic Chemistry)	First 67.00
Andhra university campus	Ph.D., (Inorganic & Analytical chemistry)	Awarded

III. Teaching Experience:

University/ Institution	Course(s)	Class Teaching	Designation	Year
Andhra university campus	Inorganic Chemistry	M.Sc.,	Research scholar	2006-2009
Maharaja's post graduate college	Inorganic Chemistry & General Chemistry	M.Sc.,	Assistant professor	2009-2012
Gayatri vidya parishad College of engineering for women	Engineering Chemistry	B.Tech.(Engineering)	Assistant professor	2012 to till-Date

IV. PUBLICATIONS (specify numbers only): 15

Dr. Srinivasa Rao Pedada published journals in recent five years

Papers/ Articles	Published	Communicated
International/National (9/4)	13	1

S.No.	Name of the authors	Name of the Journal ISBN/ ISSN number	Impact factor	Title of the paper
1.	<u>P.SrinivasaRao</u> , B.srikanth, V.Samba Siva Rao, C. Kamala Sastry and G. Nageswara Rao	E- Journal of Chemistry (2009) 6(2), 561-568. ISSN:09734945 (Impact Factor: 0.484)		Protonation equilibria of L- aspartic, citric and Succinic acids in anionic micellar media.
2.	<u>P.SrinivasaRao</u> , B.Srikanth, V.Samba Siva Rao, C. Kamala Sastry and G. Nageswara Rao	Bulletin of the Chemical Society of Ethiopia (2009) 23(3),001- 012. ISSN: 1011-3924 (Impact Factor: 0.417)		Micellar effect on metal-ligand complexes of Co(II), Ni(II), Cu(II) and Zn(II) with citric acid
3.	B. srikanth, <u>P.SrinivasaRao</u> ,V.Samba Siva Rao, C. Kamala Sastry and G. Nageswara Rao	Journal of the Serbian Chemical Society (2009) 74(7) 745-754. ISSN: 0352-5139 Impact factor (0.934)		Effect of micelles on Chemical speciation of binary complexes of Co(II), Ni(II), Cu(II) and Zn(II) with Succinic acid
4.	B.srikanth, <u>P.Srinivasa Rao</u> , V.Samba Siva Rao, C. Kamala Sastry and G. Nageswara Rao	Proceedings of National Academy of Sciences, India.(2009)Vol.79, 335-340. Impact factor (0.171)		Influence of Cationic surfactant on protonation equilibria of some amino and carboxylic acids
5.	G.NageswaraRao, K. Ragavachary B. srikanth, and <u>P.Srinivasa Rao</u> ,	<i>Proc Nat Acad Sci, India</i> 79(III) (2009) 1-7 Impact factor (0.171)		Ternary complexes of Al ₃ , In ₃ , (To ₂)Vo ₄ with formyl coumarin and its derivatives in presence of phenthroline
6.	V.SambaSiva Rao, <u>P.Srinivasa Rao</u> , B. srikanth, C. Kamala Sastry and G. Nageswara Rao	Chemical speciation and bioavailability (2009) 21(2), 71-80. ISSN:0954-2299 Impact factor (0.650)		Speciation of binary complexes of Co(II), Ni(II), Cu(II) and Zn(II) with L- aspartic acid in anionic, cationic and neutral micellar medium.
7.	B.srikanth, <u>P.SrinivasaRao</u> , V.Samba Siva Rao, C. Kamala Sastry and G. Nageswara Rao	J. Indian Chem.Soc., Vol 87, oct 2010 pp.1167-1169. ISSN: 0019-4522 Impact factor (0.251)		Anionic surfactant on binary complexes of L-arginine with Co(II), Cu(II) and Zn(II).
8.	<u>P.Srinivasa Rao</u> , B.srikanth,	Chemical speciation and		Impact of anionic surfactant

	V.Samba Siva Rao, C. Kamala Sastry and G. Nageswara Rao	bioavailability (2012) 24(1), 39-45 ISSN:0954-2299 Impact factor (0.650)	on ternary complexes of some metal ions with selective bioligands.
9	<u>P.Srinivasa Rao</u> , B.srikanth, V.Samba Siva Rao, C. Kamala Sastry and G. Nageswara Rao	Oxidation communication. 33 (4) (2010) 793-802. ISSN:0209-4541 Impact factor (0.146)	Impact of neutral surfactant on protanationequilibriaofL-spartic, citric and succinic acids.
10	B.srikanth, <u>P.SrinivasaRao</u> , V.Samba Siva Rao, C. Kamala Sastry and G. Nageswara Rao	ICFAI (2009)Vol. II No.3 72-83.	Study on formation andconfirmation of complexes of Co(II), Ni(II),Cu(II)and Zn(II) with L-arginine in cationic micellar media
11	B Srikanth, V S Rao, <u>P Srinivasa Rao</u> , C Kamala Sastry & G N Rao	Chem.Speciat.Bioavail.24(1)(2012) 39-4 ISSN:0954-2299 Impact factor (0.650)	Impact of anionic surfactant on ternary complexes of some metal ions with bio-ligands
12	<u>P.Srinivasa Rao</u> , and G. Nageswara Rao	J. Adv. Chem. Sci. - Volume 3 Issue 2 (2017) 457-461 ISSN: 2394-5311	Chemical Speciation of Ternary complexes of Citric and succinic acids in micellar media
13	<u>P.Srinivasa Rao</u> , and G. Nageswara Rao	May 2017 IJSDR Volume 2, Issue 5 ISSN:2455-2631	Micellar impact on Ternary complexes of essential metal ions with selective bio-ligands
14	<u>P.Srinivasa Rao</u> , and G. Nageswara Rao	Journal of Chemical Science Communicated (2019) ISSN: 0974-36231	Effect of Triton-X100 on ternary complexes of cobalt(II), nickel(II), copper (II) & zinc(II) with aspartic and citric acids"

V. SEMINARS/ CONFERENCES ATTENDED AND PAPER PRESENTED: 10

National: 10 and International: 04

1. 95th International Science congress Association on 3rd and 7th January 2008 held at **Andhra university, Visakhapatnam, India** and Presented a Research paper for oral presentation

2.1th International Science congress held at Maharaja Ranjit Singh College of Professional Sciences, **Indore, MP, India**. Presented a Scientific paper for oral presentation

3. National seminar on “New Frontiers in chemistry” held during February 23rd and 24th 2007 in the department of chemistry, **Kakatiya university, Warangal**. Presented a Research paper in oral presentation

4. National seminar on “Modern Trends in Analytical Methods of Analysis” held during February 25rd and 27th 2008 in the department of chemistry, **Sri krishnadevaraya university, Anantapur**. Presented a Research paper in oral presentation

5 Research paper presented in oral presentation on Recent Trends in Chemical Speciation, Kinetics and Nanomaterials (RTCSKN - 2017) “ to be held at Department of Inorganic & Analytical Chemistry, 3rd & 4th March, 2017. Andhra University, Visakhapatnam, India

6. Research paper presented in oral presentation on INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN CHEMICAL, PHARMACEUTICAL, AND LIFE PROCESSES (RACPL-2019) 13th -15th July, 2019 Andhra University Campus Visakhapatnam, India

7. NATIONAL SEMINAR ON “CHEMICAL SPECIATION IN BIOLOGY AND MARINE ENVIRONMENT (CSBME- 2019)” September 29th & 30th 2019 ANDHRA UNIVERSITY Andhra University Campus Visakhapatnam, India

VI. MEMBERSHIP IN PROFESSIONAL BODIES:

- 1. Indian Chemical society**
- 2. Indian Science Congress Association**

Dr.P. SRINIVASA RAO.
Signature of the candidate