

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
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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): 1

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. | P.SrinivasaRao , 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. | P.SrinivasaRao , 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, P.SrinivasaRao ,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, P.Srinivasa Rao , 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 P.Srinivasa Rao , | <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, P.Srinivasa Rao , 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, P.SrinivasaRao , 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. | P.Srinivasa Rao , 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