

Profile of Dr.VIPPARLA SRINIVASA RAO



1. Name : **Dr. VIPPARLA SRINIVASA RAO**
2. Fathers Name : V. SESHIAIAH (Late)
3. Nationality : Indian
4. Gender : Male
5. DOB/ Age : 01-07-1967/ 53 Y
6. Marital Status : Married
- 7.
8. Present designation and
Details of institutions : Lecturer in Chemistry
Department of Chemistry,
Govt. Degree College,
AVANIGADDA– 521121,
Krishna Dist., A.P.
9. Communication Address :
Office : Lecturer in Chemistry
Department of Chemistry,
Govt. Degree College,
AVANIGADDA– 521121,
Krishna Dist., A.P.
- Residence : Dr .V. SRINIVASA RAO
D.No : 3-42 / S F-202 Ragamalika Recidency,
Chinmaya Dhyana mandiram street, Ramavarappadu,
VIJAYAWADA – 521 108,
Krishna Dist., A.P.
10. Phones (s)Office : STD code: 08671 272261
Residence 9000833565
11. Mobile : 9010042250,
8074199329
12. Fax : -----
13. E-Mail : drvsraochem@gmail.com

14. Educational Qualifications:

| S. No | DEGREE / DIPLOMA | UNIVERSITY / INSTITUTE | YEAR | TOPIC / SPECIALIZATION |
|-------|------------------|--------------------------------------|------|------------------------------------------------------------------------------------|
| 1. | B. Sc | Nagarjuna Univ. | 1987 | Chemistry main |
| 2. | M. Sc | Andhra Univ. | 1989 | Physical Chemistry |
| 3. | B.Ed | AcharyaNagarjuna Univ., Guntur, A.P. | 2001 | Mathes &Physica Sciences |
| 4. | M.Phil. | AcharyaNagarjuna Univ., Guntur, A.P. | 2013 | A Kinetic study of Oxidation of substituted Phenylthioacetic acids by Nickel(III). |
| 5. | Ph.D. | AcharyaNagarjuna Univ., Guntur, A.P. | 2019 | Molecular interaction studies of Imidazolium ionic liquids with organic solvents |

15. Teaching / Work Experience:

| S. No | Designation | Date | | Total years and months | Type of service Govt. Aided/ Un Aided / Private/ recognized |
|-------|------------------------|------------|------------|---------------------------------|-------------------------------------------------------------|
| | | From | To | | |
| 1. | B.Ed Science Assistant | 17-06-1995 | 31-03-1999 | 3 years 9 months | ZPHS/ Government DAVAJIGUDEM |
| 2. | Junior Lecturer | 01-04-1999 | 17-08-2006 | 7 years 3 months | Govt Jr College BANTUMILLI |
| 3 | Lecturer | 18-08-2006 | 21-07-2009 | 2YEARS 11 MONTHS | SVRK GDC (MEN) NIDADAVOLE |
| 4 | Lecturer | 22-07-2009 | 31-05-2017 | 7 YEARS 10 MONTHS | SRR &CVR GDC , VIJAYAWADA |
| 5 | Lecturer | 01-06-2017 | 23-09-2021 | 4YEARS 3 MONTHS | Govt .Degree College AVANIGADDA |
| 6 | Lecturer | 24-09-2021 | Till date | | SRR &CVR GDC(A) ,VIJAYAWADA |
| | TOTAL | | | As a lecturer 15 years 8 months | |

Total years of service : 25 years app.

Present Designation : 15 years 8 months as Lecturer in Chemistry.

Research Experience : 14

A. Details of Research Publications : 7 (Total no. of Publications)*

: 1 (under revision)

* List of Publications enclosed seperately

B. Research Guidance : nil

C. Seminars/Workshops

Attended : National ;
International:

D. Research Interests : Synthesis of Organic compounds
Analysis of water

UGC Sponsored Research Projects Completed as Project Principle Investigator

| S. No. | Title of the Proposal | Funding Agency | Total Out lay (in lakhs) | Date of Commencement |
|--------|-----------------------|----------------|-------------------------------|----------------------|
| | ----- | ----- | ----- | ----- |

| S. No. | Title of the Proposal | Funding Agency | Total Out lay (in lakhs) | Date of Commencement |
|--------|-----------------------|----------------|-------------------------------|----------------------|
| ----- | ----- | ----- | ----- | ----- |

| S. No. | Title of the Proposal | Funding Agency | Total Out lay (in lakhs) | Date of Commencement |
|--------|-----------------------|----------------|-------------------------------|----------------------|
| ----- | ----- | ----- | ----- | ----- |

Name of the Lecturer : Dr. VIPPARLA SRINIVASA RAO

Designation : Assistant Professor in Chemistry

Qualification : M. Sc ., B.Ed., M.Phil., Ph.D.

LIST OF PUBLICATIONS OF Dr. VIPPARLA SRINIVASA RAO

1. Investigation of solute-solvent interactions in {1-butyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide + dimethylcarbonate} mixture using physicochemical properties **V. Srinivasa Rao**, M. Srinivasa Reddy, Sk. MdNayeem, K. Thomas S.S. Raju, K. Bala Murali Krishna, B. Hari Babu, *Journal of Chemical Thermodynamics*, **2017, 115, 133-147 (Pub: Elsevier).**
2. Investigation of intermolecular interactions in binary liquid mixtures of [Bmim][NTf₂] and propylene carbonate at different temperatures using ultrasonic, optical and FT-IR studies. **V. Srinivasa Rao**, M. Srinivasa Reddy, K. Thomas S.S. Raju, B. Hari Babu, *Karbala International Journal of Modern Science*, **2017, 3(4), 279- 286. (Pub: Elsevier).**
3. Volumetric, acoustic, optical and spectroscopic studies of binary mixtures of the ionic liquid, 1-butyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide and diethyl carbonate. **V. Srinivasa Rao**, M. Srinivasa Reddy, A. Srinivasa Rao, G. Pushpa Raju, K.T.S.S. Raju, B. Hari Babu, *Physics and Chemistry of Liquids*, **2017, 56(3), 332-352. (Pub: Taylor & Francies)**
4. The Study of Solute–Solvent Interactions in 1-Butyl-3- Methylimidazolium Hexafluorophosphate + 2-Pyrrolidone from Volumetric, Acoustic, Optical and Spectral Properties. **V. Srinivasa Rao**, M. Srinivasa Reddy, K. Thomas S.S. Raju, B.L.Rani, B. Hari Babu, *Journal of Solution Chemistry*, **47(3), 430-448, (2017) (Pub: Springer).**
5. The study of solute-solvent interactions in 1-ethyl-3-methyl imidazolium ethylsulfate + 2-ethoxyethanol from density, speed of sound and refractive index measurements. Srinivasa Reddy M, Md Nayeem Sk, Raju K.T.S.S., **Srinivasa Rao V**, Hari Babu B, *Journal of Molecular Liquids*, **218, (2016) 83-94. (Pub: Elsevier).**
6. The Study of intermolecular interactions in {1-butyl-3-methylimidazolium hexafluorophosphate+ 1- methyl -2- pyrrolidone } mixture from volumetric, acoustic, optical and spectroscopic measurements. **V. Srinivasa Rao**, M. Srinivasa Reddy, B. Hari Babu, *Journal of Chemical Thermodynamics* (, **2021).**
7. The Study of intermolecular interactions in {1-butyl-3-methyl imidazolium hexafluorophosphate + 1-octyl-2-pyrrolidone} mixture from volumetric, acoustic, optical and

spectroscopic measurements. V. SrinivasaRao, M. SrinivasaReddy, B. Hari Babu, Journal of Molecular Liquids, (*Under Revision, 2018*).

SEMINARS ATTENDED BY Dr. VIPPARLA SRINIVASA RAO

1. Dr.V.SrinivasaRao, Assistant Professor in Chemistry attended National workshop on **“Recent Trends in Material Sciences, Nanosciences & Nanotechnology” (RTMSNN-2017)** on 3rd & 4th January-2017, at AG&SGS Degree college, Vuyyuru.
2. Dr.V.Srinivasa Rao, Assistant Professor in Chemistry attended UGC sponsored, two days National Seminar on **“Role of Chemistry in Human Health and Environment”** on 27th & 28th January-2017 at JVR GDC, Sathupally
3. Dr.V.Srinivasa Rao, Assistant Professor in Chemistry attended one day National Seminar on **“Chemistry for Green Environment”** on 9th march -2017, at YVNR GDC, Kaikaluru.
4. Dr.V.Srinivasa Rao, Assistant Professor in Chemistry attended two day National Seminar on **“Recent Trends in Chemistry & Physics of Materials”(RTCPM)** on 15th & 16th September-2017, at SRR&CVR GDC, Vijayawada. Presented a paper on **“synthesis and characterisation and evaluation of biological properties of various amide derivatives of GATIACID.”**
5. Dr.V.SrinivasaRao, Assistant Professor in Chemistry Paper presented in National Seminar on **“Environmental Pollution- Public Responsibility” Evaluation of Ground Water Quality in Vyyuru mandal of Krishna dist. A.P.”**. Organized by Dept of Chemistry Andhra Loyola College, Vijayawada, on 31st January , 1st February ,2018.
6. Dr.V.SrinivasaRao, Assistant Professor in Chemistry attended two day **Faculty Development Workshop** on **“CLUSTER ELECTIVES IN CHEMISTRY”** on 28th & 29th November, 2017. Organised by SRR&CVR GDC , Vijayawada.
7. Dr.V.SrinivasaRao, Assistant Professor in Chemistry attended one day **Faculty Development Workshop** on **“Practicals of Green Chemistry (CLUSTER) (FDWPGC-2018 on 6th January -2018 . Organized by AG&SGS Degree college, Vuyyuru.**
8. Dr.V.Srinivasa Rao, Assistant Professor in Chemistry presented paper and attended three day International Conference on **“Recent Advances in Chemical, Pharmaceutical and Biological Sciences”(RACPABS)**, 5th to 7th March ,2020 in the Department of Chemistry, Acharya Nagarjuna University, Guntur-522510.
9. Dr.V.SrinivasaRao, Assistant Professor in Chemistry attended two day National Seminar on **“Emerging Materials for Green Environment (EMGE-2K19)** on 5th & 6th March ,2019. Organized by the Department of Chemistry Andhra Loyola College (A) Vijayawada-8.
10. Dr.V.SrinivasaRao, Assistant Professor in Chemistry attended two day National Seminar on **“Role of Science & Technology for Sustainable Rural Development** on 27th & 28th February 2020. Organized by DRG Govt . Degree College, Tadepalligudem, W.G . DIST.

11. Dr.V.SrinivasaRao, AssistantProfessor in Chemistry attended two day National Workshop on “ **Separation Technique by Chromatographic Methods(STCM-2020)**”on 3rd & 4th January, 2020.Organized by A.G.&S.G. Degree College of Arts & Science (A)- VUYYURU.

PROFILE OF Dr. V.SRINIVASARAO. Lecturer in Chemistry
SRR&CVR GOVT DEGREE
COLLEGE,VIJAYAWADA.During the year: 2011-2012

| S.No | Date | Year | Activity |
|------|---------------------------|------|-----------------------------------------------------------------------------------------------------------------------|
| 1 | 19thNov | 2011 | Attended National Seminar on New Frontiers in Chemical Research at AcharyaNagarjunaUniversity ,NagarjunaNagar,Guntur. |
| 2 | 22 nd Feb | 2012 | Attended One day work shop on Appliction of E.L.T.Techniques to All Subjecfs For Skills of Communicaation |
| 3 | 14 th &15thDec | 2012 | Attended two days UGC Sponsored National Seminar on Significance of Green Strategies For Environmental Protection |
| 4 | 13thSep | 2011 | Paper Setting 111rd Sem Maharajah’s College Vizianagaram |
| 5 | April | 2012 | Paper Setting 2 nd Sem D.N.R College (Autonomous) -Bhimavaram |
| 6 | 15 th sep | 2012 | Paper Setting 1 st SemGDC (Autonomous) Rajahmundry |

2013-2014

| | | | |
|---|----------------------|------|----------------------------------------------------------------------------|
| 1 | 7thFeb | 2013 | Paper Setting 2ndSem GDC (Autonomous) Rajahmundry. |
| 2 | 15 th Feb | 2013 | AwadedM.Phil with A”GradeNagarjuna University ,Nagarjuna Nagar. |
| 3 | 10 th Sep | 2013 | Paper Setting 1 st SemGDC (Autonomous)) Rajahmundry |
| 4 | | 2013 | Paper Setting 1 st year AdikaviNannaya University) Rajahmundry |
| 5 | 3 rd Mar | 2014 | Paper Setting 2 nd SemGDC (Autonomous)) Rajahmundry |

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|---|--------------------------------------------|------|----------------------------------------------------------------------------------------------|
| 6 | 1 st Sep | 2014 | Paper Setting 1st Sem GDC (Autonomous) Rajahmundry |
| 7 | 30 th Nov | 2013 | Attended one day State Level work shop on Chemistry and Career Prospect” |
| 8 | 20 th & 21 st Dec | 2013 | Attended two days National Seminar on Modern Trends in Chemical Sciences |
| 9 | 29 th Mar & 2 nd Apr | 2014 | DST-SEATS Inspire Programme Internship Science Camp at AcharyaNagarjunaUniersiyNagarunaNagar |

2014-2015

| | | | |
|----|--------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 6 th &7 th Jan | 2015 | Attended International Conference on Genomics&Stem Cells at KBN College (Autonomous) ,presented paper on RATIONAL DRUG DESIGN |
| 2 | Nov 2015 | 2015 | Paper Setting 1st Sem GDC for women (Autonomous) ,Guntur. |
| 3 | March 2015 | 2015 | Paper Setting 2 nd Sem GDC for women (Autonomous) ,Guntur. |
| 4 | March2015 | 2015 | Paper Setting 1 st B.ScDr.V.S. Krishna GDC (Autonomous),Visakhapatnam. |
| 5 | 2015 | 2015 | Paper Setting 1 st B.ScDr.V.S. Krishna GDC (Autonomous),Visakhapatnam. |
| 6 | April2015 | 2015 | Paper Setting 1 st B.Sc ,P.RGovt College, Autonomous),Kakinada. |
| 7 | 19 th &20 th Aug2015 | 2015 | Attended Two –Day National Seminar on SHAPING THE FUTURE WITH NANO SCIENCES at PBS College of Arts&Sciences ,Vijayawada. |
| 8 | 18 th &19 th Sep | 2015 | Attended UGC Sponsored Two Day National Seminar on ADVANCES IN CHEMICAL SCIENCE”at KBN College ,Vijayawada.presented paper on Physico-chemical AnalysisofBorewell water inVuyyuru. |
| 9 | 18 th -27 th Nov | 2015 | AttendedTraining for Instrumentation Techniques at RAINBOW PHARMA TRAINING LAB ,at KUKATPALLY Y-JUNCTION ,HYDERABAD. |
| 10 | 18 th -23 rd Dec | 2015 | AttendedTraining for Instrumentation Techniques at RAINBOW PHARMA TRAINING LAB, at KUKATPALLY Y-JUNCTION ,HYDERABAD. |

2015-2016:

| | | | |
|----|-----------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | 4-8Jan | 2016 | Attended National Workshop on Manuscript Preparation for Publication in the Indexed Journals of Aquatic Sciences at Acharya Nagarjuna University, Nagarjuna Nagar. |
| 2 | 30 th Jan | 2016 | Paper published in Journal of Molecular Liquids [ELSEVIER] The study of solute-solvent interactions in 1-ethyl-3-methyl imidazolium ethylsulfate + 2-ethoxyethanol from density, speed of sound and refractive index measurements |
| 3 | 8 th Feb | 2016 | Attended one day workshop on Judicious Use of Fertilizers organized by SOIL HEALTH CLUB Dept of Chemistry SRR&CVR GDC, VIJAYAWADA |
| 4 | 4 th & 5 th July | 2016 | Attended Two Day WORKSHOP on RESEARCH METHODOLOGY AND DATA ANALYSIS –SPSS at Acharya Nagarjuna University Nagarjuna Nagar. |
| 5 | 17 th Aug | 2016 | Attended Regional Seminar on GREEN CONCERN IN CHEMICAL REACTIONS (GCIC) GDC, PALAKONDA. |
| 6 | 20-21 st AUG | 2016 | Attended National Symposium on Recent Advances in Chemical and Material Sciences at Rajiv Gandhi University of Knowledge Technologies -BASAR |
| 7 | 14 th & 15 th Sep | 2016 | Presented paper at Two Day National Seminar, ANDHRA LOYOLA COLLEGE, VIJAYAWADA. Synthesis of some novel N-Benzylidene-2-[2,4,5-Trifluoro phenyl]acetohydrazides. |
| 8 | 16 th & 17 th Sep | 2016 | Attended Two –Day National Seminar on SOLID WASTE MANAGEMENT Issues, Challenges and Opportunities at SRR&CVR GDC & PG COLLEGE, Vijayawada. |

2016-2017

| S. No | Date | Year | Activity |
|-------|--------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | 3 rd & 4 th January | 2017 | Participation in Recent Trends in material science, Nano science & Nanotechnology (RTMSNN-2017) at AGK and SGS Degree college of Arts and Science , VUYYURU. |
| 2. | 27 th & 28 th January | 2017 | UGC Sponsored twoday National Seminar on Role of Chemistry in Human Health and Environment at J.V.R. GOVT. DEGREE COLLEGE , SATHUPALLY.Telangana State. |
| 3. | 9 th March | 2017 | One day National Seminar on Chemistry for Green Environment ,at Y.V.N.R.GOVT.DEGREE COLLEGE,KAIKALURU. |
| 4 | 15 TH & 16 TH September | 2017 | UGC Sponsored twoday National Seminar on Recent Trends in Chemistry and Physics of Materials (RTCPM-2017) at S.R.R.&C.V.R.GOVT.DEGREE COLLEGE(A),VIJAYAWADA. |
| 6 | 28 th & 29 th November | 2017 | Two Day Faculty Development Workshop on “Cluster Electives in Chemistry “ (FDWCEC-2017) at SRR&CVR Govt. Degree College (A), Vijayawada . |

2017-2018

| S. No | Date | Year | Activity |
|-------|--------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | 31 st January & 1 st February | 2018 | UGC -APPCB Sponsored a Two Day National Seminar on “Environmental Pollution- Public Responsibility” at Andhra Loyola College (A) Vijayawada-8 |
| 2. | 6 th January | 2018 | UGC Sponsored One Day State Level Faculty Development Workshop on “ Practicals of Green Chemistry (Cluster)” (FDWPGC-2018) at AG&SG Siddhartha Degree College , Vuyyuru . |

2018-2019

| S. No | Date | Year | Activity |
|-------|--------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | 5 th & 6 th March | 2019 | UGC and APPCB Sponsored Two Day National Seminar on Emerging Materials For Green Environment (EMGE - 2K19 at Dept of Chemistry , Andhra Loyola College (A) , Vijayawada. |
| 2. | 30 th SEPTEMBER | 2019 | GUEST LECTURE on Amino Acids in the Dept of Chemistry , V.S.R .GOVT.DEGREE COLLEGE and P.G. COLLEGE , MOVVA. |
| 3. | | 2019 | National Seminar on Advanced Functional Materials at Dept of Chemistry , Acharya Nagarjuna University , guntur |

2019-2020

| S. No | Date | Year | Activity |
|-------|----------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 27 th & 28 th February | 2020 | Two Day National Seminar on Role of Science & Technology for Sustainable Rural Development at DRG Government Degree College ,Tadepalligudem. |
| 2. | 18,19 th May | 2020 | Two Day Online Faculty Development Programme on “CHEMICAL SAFETY AND ENVIRONMENTAL PROTECTION” organised by Department of Chemistry, Government College Autonomous, Rajahmundry, |
| 3 | 1 st July to 5 th July | 2020 | 5 Day Faculty development Programme in Chemistry on the theme of New Knowledge, Advanced Teaching and Research: New Frontiers and Emerging Technologies” at Commissionerate of Collegiate Education , Vijayawada. |
| 4 | 19 th JULY | 2020 | One Day National level webinar on Total Synthesis of Natural products using Chiral pool compounds. At Dept of Chemistry , Andhra Loyola College , Vijayawada . |
| 5 | 27 th JULY | 2020 | One Day National Webinar on ICT Tools to teach Chemistry online Simulation Chemistry Labs at Dept of Chemistry , PBS College of Arts and Science , Vijayawada. |

2020-2021

| S. No | Date | Year | Activity |
|-------|---------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | 3 rd & 4 th January | 2020 | Two Day National Work shop on “Separation Technique by Chromatographic Methods (STCM-2020)” at AG&SG Siddhartha Degree College , Vuyyuru . |
| 2 | 20 th January | 2020 | Certificate course completed on Introduction of Computers Training at Govt. Degree College Avanigadda. |
| 3 | 5 th and 6 th March | 2020 | Paper presentation on “The Study of intermolecular interactions in { 1-butyl-3-methyl imidazolium hexafluorophosphate+ 1-Octyl-2- pyrrolidone} mixture from volumetric , optical, acoustic and spectroscopic measurements” at International Conference held at Dept of Chemistry , ACHARYA NAGARJUNA UNIVERSITY, GUNTUR. |
| 4. | 4 th & 5 th May | 2020 | 5 Day on line International Faculty Development Programme on Online Teaching Tools for Video Lecturing and digital e-learning , at SIR CR REDDY COLLEGE , ELURU. |
| 5. | 18,19 th May | 2020 | International Webinar- Two Day Online Faculty Development Programme on “CHEMICAL SAFETY AND ENVIRONMENTAL PROTECTION” organised by Department of Chemistry, Government College Autonomous, Rajahmundry, Andhra Pradesh. |
| 6. | 22 nd -26 th November | 2021 | 5 Day Faculty Development programme (FDP) on Advance Concept in Chemistry, at Bhavan's Vivekananda College of Science & Humanities & Commerce ,Sainikpuri, Secunderabad -500094. |

2021-2022

| S. No | Date | Year | Activity |
|-------|------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | 14 th and 15 th December | 2021 | Andhra Pradesh State Level 29 th National Children's Science Congress -2021 Science for Sustainable Living , at APCOST, RSC COMPLEX VIJAYAWADA . |
| 2 | 21 st to 25 th February | 2022 | 5 Day Faculty Empowerment Programme on Hybrid and Blended Learning, at Dept of Physics , Chemistry and IQAC YVNR GOVT DEGREE COLLEGE , KAIKALURU, |
| 2 | 22 nd to 24 th MARCH | 2022 | Three Day National Seminar on “Green Technologies for Sustainable Environment” Paper presentation on The study of intermolecular interactions in a mixture BMIM PF6 and Octyl -2-pyrrolidone. At Department of Chemistry ,Andhra Loyola College , Vijayawada. |