

## **CURRICULUM VITAE**

**Dr. C. Nageswara Reddy, M.Sc., Ph.D.,**

Lecturer in Chemistry  
Govt.College for Men (A)  
Kadapa  
Andhra Pradesh, **INDIA**  
Ph.:+91-9848632819



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### **ACADEMIC PROFILE**

- Ph.D. (Analytical Chemistry) : 2006-10, Sri Venkateswara University, Tirupati, India  
**Thesis:**“Electroanalysis of chemotherapeutic drugs”
- M.Sc. (Mineral Chemistry) : 2000-02,  
Sri Venkateswara University, Tirupati, India.
- B.Sc. (Physics, Chemistry, Geology) : 1994-1997, Sri Venkateswara University, Tirupati,  
India.
- B.Ed (Physical Science) : 1997-98, Nagarjuna University, Guntur, A.P., India.

### **PERSONAL PROFILE**

- Date of Birth : 14-02-1975  
Nationality : Indian  
Marital status : Married

### **RESEARCH EXPERIENCE:**

Awarded Ph.D. degree in Electroanalytical Chemistry under the guidance of Dr. N.Y.Sreedhar, Associate Professor, Department of Chemistry, Sri Venkateswara University, Tirupati, India.

Nine years of research experience in the area of Electroanalytical Techniques, Such as D.C Polarography, Differential pulse polarography, Stripping voltammetry and cyclic voltammetry.

### **SKILLS**

- Knowledge acquired in the handling of Electroanalytical instruments.

- Familiar with purification techniques like Chromatography, High vacuum fractional distillation and Fractional crystallization.
- Spectrophotometry, AAS
- Gas-Chromatography/HPLC
- Computer/Software: MS office, Chemical Software, Origin etc.,
- Strong commitment and interpersonal skills as a team member with experience of co-coordinating research and ability to write publications.

#### **TEACHING EXPERIENCE (14 Years)**

- ❖ Govt. Jr College, Nimmana Palli, Madanapalle, Chittoor district, A.P (2002-06)
- ❖ S.V Arts college, Tirupati, Chittoor (DIST) (, A.P., (2010-11)
- ❖ Govt.Degree College, koduru,(RS),Kadapa (DIST) (, A.P., (Dec 2011- May 2017)
- ❖ Govt.Degree& P.G College, Puttur, (May 2017-to Sept 2021)
- ❖ Govt.College for Men (A) Kadapa (Sept 2021 to Till Date)

#### **AWARDS & HONOURS**

- ❖ **State best teacher award -2015** from “All the best Arts Academy”, Govt Reg. No. 62/2005., Hyderabad, T.S., India.

#### **LIST OF PUBLICATIONS**

1. **Adsorptive stripping voltammetric determination of an anticancer drug: tamoxifen** N.Y.Sreedhar,,M.Sankara Nayak, **C. Nageswara Reddy** and M.R.Jayapal. Journal of Pharmacy and Chemistry. Vol.3.Issue.2, 2009.
2. **Differential Pulse Polarographic Determination of Cd(II) and Pb(II) in Milk Samples after Solid-phase Extraction Using Amberlite XAD-2 Resin Modified with 2,2\_-DPED3P** N.Y.Sreedhar, P. Reddy Prasad, M.Sankara Nayak and **C. Nageswara Reddy** J. Chin. Chem. Soc., Vol. 56, No. 6, 2009,1.
3. **Electrochemical Reduction Behaviour of Zileuton at a Dropping Mercury Electrode by Polarography** N.Y.Sreedhar, M.Sankara Nayak, K.Srinivasa Prasad, P.R.Prasad and **C. Nageswara Reddy**. E-journal of Chemistry, 2010; 7(1), 166-170
4. **Difference pulse polarography behaviour of Nitacrithiazole in pharmaceuticals formulations and Urine samples.** N.Y .Sreedhar, **C. Nageswara Reddy** , M.

- Sankar Nayak, P. Reddy Prasad, S. Rajasekhar Reddy and M. Chandra Mohan  
Indian journal of Analytical Chemistry, Vol. 9, Issue 3, 2010.
5. **A simple and sensitive difference pulse polarography determination of dinitramine in water and agriculture samples.** N.Y .Sreedhar, S. Rajasekhar Reddy, P. Reddy Prasad, and **C. Nageswara Reddy**, **Environmental science: an Indian journal**, Vol. 5, Issues 3, 2010.
  6. **Voltammetric behavior of gefitinib and its adsorptive stripping voltammetric determination of in pharmaceutical formulation and urine samples .** **C. Nageswara Reddy** , P. Reddy Prasad, and N.Y .Sreedhar **International journal pharmacy and pharmaceutical sciences**, vol .3,suppl 3,2011
  7. **Determination of Nelarabine pharmaceutical formulation and urine samples by adsorptive stripping voltammetry** **C. Nageswara Reddy** , P. Reddy Prasad, and N.Y .Sreedhar , **International journal of pharm tech research**,vol .3,No 2 ,pp 1125-1131, april-june2011.
  8. **Electrochemical analysis of fenitrothion in human urine samples using polyaniline nanosensor based electrode** Puthalapattu. Reddy Prasad, **Chennupalli Nageswara Reddy** and Neelam Yugandhar Sreedhar **Nanoscience and Nanotechnology: An international journal**,2011;1(2)pg6-11.
  9. **Differential pulse anodic stripping voltammetric determination of Ni(II) and Co(II) in water and vegetable samples using analytical reagent 2,2'-{benzene-1,2-diylbis(nitrilomethylidene)}diphenol** Neelam Yugandhar Sreedhar, **Puthalapattu Reddy Prasad** and **Chennupalle Nageswara Reddy** **International Journal of analytical and bioanalytical chemistry**,2011,1(2)34-41.
  10. **Solid phase extraction method for the determination of Co(II), Ni(II), Cu(II) and Zn(II) by flame atomic absorption spectrometry using Schiff base in various water samples** Puthalapattu. Reddy Prasad, **Chennupalli Nageswara Reddy** and Neelam Yugandhar Sreedhar **International journal of chemical science and technology**(Accepted)
  11. **Electrochemical analysis of Zinecard in Pharmaceutical and Biological Samples.** **Chennupalle Nageswara Reddy** Puthalapattu. Reddy Prasad, and Neelam Yugandhar Sreedhar. **Indonesian J.Pharm**.vol.23.No.3:147-155.

12. Electrochemical analysis of Anti chemotherapeutic drug Zanosar in Pharmaceutical and Biological Samples by Differential Pulse Polarography, **Chennupalli Nageswara Reddy** Puthalapattu. Reddy Prasad, and Neelam Yugandhar Sreedhar Journal of analytical Methods in chemistry, sept 2013.
13. **Facile Synthesis of 2H-3-Chromeneimines and 3, 5-Dibenzylidene-1-Prop-2-Ynyl-Piperidin-4-Ones.** T Bhupal Reddy, **C Nageswara Reddy**, G Chandra Sekhar, ALV Ramana Reddy Research and Reviews: Journal of Chemistry; Volume 2 ; Issue 2 ; April – June, 2013;ISSN: 2319-9849.
14. **Isolated and synthesis of synthetic analogues of forskolin** A.L.V. Ramanareddy, T.Bhupal reddy, G.Chandrasekhar,C.Nageswara reddy; International Journal of Current Pharmaceutical Research;Vol 5, Issue 2, 2013; ISSN- 0975-7066.
15. **Electro analysis of Chemotherapeutic drug zolinza in pharmaceutical and Biological samples by using cyclic voltametry;** International journal of Analytical, Pharmaceutical and Biomedical Sciences **C Nageswara Reddy**, G Chandra Sekhar and N Y Sreedhar Vol 2;issue-4;Oct-Dec-2013;ISSN2278-0246.
16. **Salicylic acid Functionalized Silica-Coated Magnetite Nanoparticles for Solid Phase Extraction and Preconcentration of Ni (II), Cu (II) and Cd (II) Ions from Water and Biological Samples.** K. Vijaya Kumar Reddy, R. Kishore Kumar, A. Saranga Pani, **C. Nageswara Reddy** , G.Chandra Sekhar and N.S. Hanumantha Rao International Journal of Current Chemistry 1 (1), 2014, 84-91.
17. **Excess Molar Volumes of Organic liquid Mixtures of N, N-Dimethyl Acetamide with 2-Alkoxyethanols at 308.15 K** G.Chandra Sekhar, **C. Nageswara Reddy** , Ming-Jer Lee, Ho-mu Lin International journal of pharmaceutical & research sciences; January, 2014; ISSN No: 2278-9464
18. **Effect of Plastic Leather to Environment,** H.Venkatasubbaiah, **G.Chandra Sekhar, C. Nageswara Reddy.** International Journal of Current Chemistry 1 (1), 2014, 94-97.  
**Synthesis and antibacterial activity studies of 2-aryl benzothiazoles and its derivatives** A.L.V. Ramana Reddy S.V. Lakshmi Reddy, **C Nageswara Reddy**, G .Chandrasekhar and T.Bhupal Reddy World journal of pharmacy and pharmaceutical sciences Volume 3, Issue 11, 1335-1343; ISSN 2278 – 4357

19. **Differential pulse Adsorptive stripping voltammetric determination of dimethoate pesticide in agricultural run-off and ground water samples,** C.Nageswara Reddy, P.Reddy Prasad and E.B.Naidoo, Life sciences international research journal volume 2, issue 2 (2015).
20. **Square wave voltammetric detection of dimethylvinphos and naftalofos in food and environmental samples using RGO/CS modified Glassy carbon electrode.** C.Nageswara Reddy, P.Reddy Prasad and E.B.Naidoo, Int.J. Electrochem.Sci., 11(2016)65-79.
21. **Synthesis and biological evaluation of novel (4-chlorophenyl)(!R, 3r,5S)-3-(phenyl amino)8-aza-bicyclo[3.2.2]octam-8-yl)methanone derivatives.** Krishana Pala, S.M.Reddy, Bijivemula N.Reddy, Madhvesh Pathak and C.Nageswara Reddy, Der Pharma Chemica, 2016, 8(14):67-72.
22. **ZnO/MWCNTs Nanosensor for differential pulse voltammetric determinations of dinosulfon in water samples,** C.Nageswara Reddy, P.Reddy Prasad and N.Y.Sreedhar, Journal of Chemistry and Chemical Sciences, 6(11)997-1005, Nov 2016.
23. **Electrochemical behaviour and Quantitative Determination of Clomifene in Pharmaceutical formulations**  
C.Nageswara Reddy, P.R.Prasad, P.Sandhya and N.Y.Sreedhar  
Int J Pharma Res Health Sci. 2017; 5 (6): 1896-03  
E-ISSN: 2348-6465
24. **Nanostructured Fe<sub>2</sub>O<sub>3</sub>-ZnO modified GCE nanosensor for dinobuton pesticide determination in environmental samples**  
P.Aruna<sup>1</sup>, P.Reddy Prasad<sup>1</sup>, C.Nageswara Reddy<sup>2</sup> and N.Y.Sreedhar  
Int. J. Sci. Res. in Physics and Applied Sciences. Vol. 6, Issue. 6, pp. 01-05, 2018  
E-ISSN: 2348-3423; impact factor: 1.2
25. **Synthesis And Antimicrobial Activity Studies Of 3-(7-Hydroxy-4- Methyl-2-Oxo-2h-Chromen-8-Yl)-1-H-Pyrazole-4-Carbaldehyde Coumarin Derivatives**  
Dr. A. L. V. Ramanareddy<sup>1</sup> \*, Dr. T. Bhupalreddy<sup>2</sup> and Dr. C. Nageswara Reddy<sup>3</sup>. ejbps, 2019, Volume 6, Issue 11, 212-217
26. **Spectrophotometric Determination of Metalazone and in its Commercial Formulations** P Eswar kumar<sup>1</sup> , G Chadra sekhar<sup>2\*</sup>, C Nageswara Reddy<sup>2</sup>. Compliance Engineering Journal ISSN NO: 0898-3577
27. **Icp-Oes Determination Of Trace Metals In Groundwater Of Proddatur Area, Ysr Kadapa Dt., Ap, India.** 1B. Hari Babu, 2P. Suresh\*, 3A. Ramesh Babu, 3C. Nageswara Reddy, 4K.Lakshmi Prameela. Compliance Engineering Journal. ISSN NO: 0898-3577
28. **Characterization and classification of soils in upland soils of Tatrakallu village of Anantapuramu district in Andhra Pradesh.** G Sashikala, MVS Naidu, KV Ramana, KV Nagamadhuri, A Pratap Kumar Reddy, P Sudhakar and C

Nageswar Reddy. DOI: <https://doi.org/10.22271/chemi.2020.v8.i2w.8972>

29. A modified sensitive palladium-copper oxide and multiwalled carbon nanotubes electrochemical sensor for detection of ametrudione pesticide.

DOI <https://doi.org/10.31018/jans.v13i3.2531>. Published Sep 15, 2021

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### Book publication:

- ❖ The Thermophysical properties of binary organic liquid mixtures-Lambert academic publishing-Germany-ISBN-978-3-659-628-78-8
- ❖ The Electroanalysis of Chemotherapeutic Drugs - Lambert academic publishing-Germany-ISBN-978-3-659-64067-4.

### Projects:

Financial Assistance was sanctioned by UGC-SERO for Minor Research Project entitled "MONITORING OF PESTICIDED RESIDUES IN BIOLOGICAL MAR ICES BY VOTAMMETRY" in vied letter No. F.NO:4-4I/ 20 1 4- 1 5(MRP-SEM/UGC-SERO).

### Conferences Organized:

**Secretary** by National seminar on recent trends in chemistry research-2014 (NSRTCR) dept. Chemistry, Govt. degree college, kodur (RS),YSR(Dt), A.P on 30<sup>th</sup> july -2014.

### ATTENDED NATIONAL AND INTERNATIONAL SEMINARS

1. "National Seminar on Emerging trends in Electrochemical studies" Sri Krishnadevaraya University, Department of Chemistry, March 25<sup>th</sup>&26<sup>th</sup>,2011.(**Best Poster Award**)
2. Ist international symposium on frontiers in Pharmceutical Research and Nanotechnology (Nanopharma 2011), 5<sup>th</sup> & 6<sup>th</sup> of march 2011, (**Best Poster Award**)
3. Presented at RRTSONPC-08, National Seminar, at S.V.University, Tirupati on Feb,25-26,2008.
4. Role Of Chemistry in Monitoring and Management of Environment (RCMME-09). National seminar at Dept.of Chemistry, S.V.University,Tirupati on Feb,2009.
5. 2<sup>nd</sup> AP Science Congress, Andhra Pradesh akademi of sciences, Hyderabad and Sri Venkateswara University, Tirupati, November 14-16,2009.
6. N.Y.Sreedhar, **P.Reddy Prasad**, D.Rekha, C.Nageswara Reddy, M. Sankara Nayak and S.Rajasekar Reddy, Determination of trace amount of Mo(VI) in natural water and food samples by Differential pulse anodic stripping voltammetric

- method. RRTSONPC-2010, March 29-30, 2010.
7. N.Y.Sreedhar, **P.R.Prasad**, D.Rekha, C.N.Reddy, M.R.Jayapal and K.S.Prasad, Differential pulse polarographic determination of Cr(VI) in various Environmental and soil samples using 2,2'-{Benzene-1,2-Diylbis (nitrilomehtylylidene)} Diphenol, 2nd A.P.Science Congress "Science and Technology. It is Role in the Changing Global Scenario, S.V.University, Tirupati and AP. Science Academy, Hyd, Nov 14-16, (2009).
  8. National seminar on current trends & developments in organic synthesis (CTDOS) organised by S.V. Arts college, Tirupati, on the eve of International year of Chemistry-2011, held on 9<sup>th</sup> December-2011
  9. National seminar on Energy Resources, Environmental Impacts and Industrial Waste Management (EEIWM-2012) organised by Department of Environmental Sciences, S.V.University, Tirupati, India, held during 27&28 of February-2012
  10. UGC-DRS Sponsored National Seminar on Recent research trends in synthetic organic and natural products chemistry-2012 ( RRTSONPC-12) organised by S.V. University, Tirupati, India, held during 19<sup>th</sup> & 20<sup>th</sup> of March-2012
  11. National seminar on Chemistry and Technology of Lubricants, organized by St. Ann's College of Engineering and Technology at Chirala, Prakasam (Dt) A.P, held on 27<sup>th</sup> April 2012
  12. State level seminar on "Role of Govt. Degree colleges in Promoting Inclusive Growth" organised by Government college Gazetted Teachers Association (GCGTA), A.P. in Hyderabad held on 4-8-2012
  13. National summit on quality education, organised by Confederation of Indian Industry (CII) held in Bangalore during 14- 15 September 2012
  14. International seminar on current trends in environmental toxicology and experimental therapeutics, organized by department of Chemistry, Vikrama simhapuri university, Nellore, A.P.India, during 18-19 December-2012.
  15. National conference on applications of Mathematics in Engineering Physical & life sciences and xxi congress of APSMS organized by department of Mathematics, S.V. University, Tirupati during 7-9<sup>th</sup> December 2012.
  16. International symposium on environmental pollution, Nutrition and Genetics: A special symposium on Cancer Biology & Therapeutics: jointly organized by

- department of Chemistry, Vikrama simhapuri university, Nellore, A.P. India, & UNT Health Science Centre, Fortworth, Texas, USA, during 27-29 December 2013.
17. National seminar on current research trends and developments in chemical sciences (CRTDCS-2013) organized by department of Chemistry at PVKN Govt. degree college, Chittoor, A.P held during 9-10<sup>th</sup> March 2013.
  18. UGC-SAP-DRS sponsored National seminar on recent developments in Mathematical sciences (NRDSM) organized by department of Mathematics, Sri Venkateswara university, Tirupati on 28<sup>th</sup> June 2013.
  19. UGC-National seminar on recent trends in organic chemistry (NSRTOC) organized by department of Chemistry, S.V.Arts college for men (TTD) in Tirupati, on 19<sup>th</sup> December-2013.
  20. One day national seminar on nanomaterials and nanotechnology organized by department of Physics, Govt. degree & PG college, Puttur, A.P on 2<sup>nd</sup> October 2013.
  21. International ozone day organized by department of Environmental sciences, Sri Venkateswara University, Tirupati held during 16-17<sup>th</sup> September 2014.
  22. National seminar on recent trends in Geo-Chemical Environmental aspects of the mineralization in Kadapa basin (RTGCEAM-2014) organized by Loyola degree college, Pulivendula, A.P. held during 25 & 26<sup>th</sup> October 2014.
  23. 3 UGC sponsored national seminar on the role of Nano technology in the fields of Physical and Bio-sciences organized by Besant theosophical college, Madanapalle, A.P held during 29 & 30<sup>th</sup> October 2014.
  24. International conference on Agriculture, Veterinary & Environmental Sciences - 2015, July 24-25<sup>th</sup> Vijayawada, Andhra Pradesh, India.
  25. National Conference on "Recent advances in biological and chemical sciences" organized by department of chemistry, Annai Violet College of Arts & Science College, Chennai, during Feb, 4-5<sup>th</sup>, 2016.
  26. International conference on mathematical sciences & engineering applications, Baba Institute of Technology & sciences, Visakhapatnam-48, A.P., India. Dec 23<sup>rd</sup>-25<sup>th</sup> 2016.
  27. 104<sup>th</sup> The Indian Science Congress Association, held at S.V. University, Tirupati from Jan 3 to 7<sup>th</sup>, 2017.
  28. **C.Nageswara Reddy** and N.Y.Sreedhar, CQDS fused on three dimensional flower model CuO Nanocomposites for efficient photocatalytic activity (ISBN: (978-93-



5291-377-0) International conference on advancements and challenges in chemical sciences (ICACCS 2018) 2<sup>nd</sup> & 3<sup>rd</sup> Feb 2018 at PG & Research Department of Chemistry, Pachaiyappa's College, Chennai, Tamil Nadu, India.

29. C.Nageswara Reddy, participated in iConChem 2018 was the first International conference in Chemistry conducted by IISER Tirupati from May 24<sup>th</sup> to 26<sup>th</sup>, 2018.

## **WORKSHOPS**

- Exploratory and programme development, at Dept. of Geology, S.V.U., Tirupati on Oct, 2009.
- Work shop on “Instrumental methods in chemical analysis” February, 1<sup>st</sup> -2011.
- One day workshop on energy and sustainable development organized by department of environmental science Yogi Vemana University, Kadapa, and A.P on 19<sup>th</sup> October 2012.
- 19. One day workshop on recent advances in structure and ligand based drug design organized by Yogi Vemana University, Kadapa A.P. on 6<sup>th</sup> December 2012.
- State level workshop basicmolecular biology techniques (SWBMBT) organized by dept. Bio-technology, Govt. degree college, Kodur (RS), Kadapa (Dt), A.P held from 7- 9<sup>th</sup> November-2014
- C.Nageswara Reddy, Two-day international workshop on “Advanced materials and applications” Gitam University, Visakhapatnam, during 13-14<sup>th</sup> Oct 2017.

## **Orientation programs and Refresher courses attended:**

1. Participated in UGC-Chemistry Refresher course on conducted by the, S.V. University, Academic Staff College, Tirupathi from 04-08-2014 to 23-08-2014.
2. Participated in U.G.C. Sponsored orientation programme at Academic Staff College, Tirupati, from 27-05-2013 to 22-06-2013
3. Attended the Induction Training Program Conducted for Newly Recruited Lectures of Govt. Degree Colleges at the District Resource Centre, Govt. College(Men) from -26-12-2011 to 31-12-2011.