

**Dr.C.SIVANANDHA REDDY, M.Sc., Ph.D.**

Dr.C.Sivanandha Reddy,  
Asst. Professor (Adhoc)  
Department of Chemistry,  
JTUACE, Pulivendula,  
A.P , INDIA.

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**OBJECTIVE**

To build a successful career in the challenging environment of an organization that could utilize my inherent skills to contribute towards the growth of the organization.

**TEACHING EXPERIENCE (9 Years)**

- Working as an Asst. Professor (Adhoc) in J.NT.U.A. College of Engineering, Pulivendula, YSR (Kadapa) Dist. for a period of January 2011 to till date.
- Worked as a Contract Lecturer in Govt. Polytechnic College, at Simhadripuram, Kadapa from August 2009 to December-2011.

**EDUCATIONAL QUALIFICATIONS**

Course	Name of Institution	Board / University	Year of passing	Division
(Ph.D.)	JNTUA College of Engineering, Pulivendula.	Jawaharlal Nehru Technological University Anantapuramu.	2019	First Class
M.Sc (Organic Chemistry)	Yogi vemana University(Campus), Kadapa.	Yogi vemanaUniversity, Kadapa.	2009	First class (66.5%)
B.Sc (B.Z.C)	Loyola Degree College, Kadapa.	S.V.University, Tirupati.	2007	First class (66.6%)

<b>RESEARCH</b>		
<b>Period</b>	<b>Topic / Title</b>	<b>Name of the Supervisor and Place of the Institution</b>
<b>2014 - 2018 (Ph.D)</b>	<b>Determination of Multiple Pesticide Residues in food samples (Tea, Red Chilli, Grapes) using Liquid &amp; Gas Chromatography and Tandem Mass Spectrometry.</b>	<p style="text-align: center;">Dr. G. V. Subba Reddy Head &amp; Professor Department of Chemistry, JNTUA College of Engineering, Pulivendula-516 390, Kadapa, Andhra Pradesh, India. <b>Mobile: +91-944198064, 9701342409</b> <b>Email: <a href="mailto:lakshmivenkat05@gmail.com">lakshmivenkat05@gmail.com</a></b></p>

### **FACULTY DEVELOPMENT PROGRAMS**

- Participated in the **Faculty Development Programme on Pedagogical Training** core module under TEQIP-II JNTUA College of Engineering, Pulivendula 1<sup>st</sup> -5<sup>th</sup> March, 2014, conducted by Engineering staff college of India, Hyderabad and JNTUA College of Engineering, Pulivendula.
- Participated in the “**Faculty Development Programme on Intellectual property rights**” (IPR)” under TEQUIP –II, in Sri Venkateswara university .Trirupati. .Organized by ESCI Hyderabad & Sri venkateswara University college of Engineering ,Tirupati. During 18<sup>th</sup> to 20<sup>th</sup> march ,2015.
- Participated in the Online Faculty Development Program on “**MATERIALS SCIENCE & NANOTECHNOLOGY (FDP-MSNT-2020)**” organized by Department of Chemistry, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai-48, during the period 03<sup>rd</sup> August to 17<sup>th</sup> August 2020.
- Participated in the Online Faculty Development Program “**Novel Applications of Chemical Engineering (NACE)**” organized by Department of chemical Engineering, MVGR college of Engineering, Vizianagaram, Andhra pradesh , during 15<sup>th</sup> -19<sup>th</sup>, July 2021.
- Participated in the TEQIP-III sponsored “**Five Day National Level Faculty Development Program for Educators of Environmental Studies**” organized by Department of chemical Engineering, JNTUA college of Engineering, Anantapur. Andhra pradesh , during 21 -25, September, 2020.
- Participated in the Online Faculty Development Programme on *Higher Education, Technology & Research Methodology*” from August 2 to 15, 2020 organized by Department of Social Work, Assam University, Silchar, Assam, INDIA.

### **MEMBER SHIPS**

- Annual Member in Indian Science Congress Association (ISC) from 3<sup>rd</sup> January 2017-2018.

## SEMINARS

- **Nanotechnology applications in the remediation of contaminated groundwater:** A short review presented at NSRNEP-2011, Organized by Dept.of Chemistry JNTUACEP, Pulivendula.
- Attend national seminar on **“Role of nanotechnology in environmental protection”** held on 10<sup>th</sup> and 11<sup>th</sup> February -2012 Organized by Dept.of Chemistry, JNTUACEP, Pulivendula.
- Participated at national seminar on **“Current research trends and developments in chemical sciences”**-2013 held at P.V.K.N Govt. College, Chittore.
- Presented paper on **“ A review of food sample preparation methods for the pesticide residue analysis”** in the National seminar on **“Geo chemical environmental aspects of mineralization in kadapa basin ”** held on 25<sup>th</sup> and 26<sup>th</sup> October-2014 at Loyola degree college, Pulivendula

## INTERNATIONAL CONFERENCES

- Participated International conference Applications of Chemistry in Biopharmaceutics and Nano-Biotechnology” [ACBN-2022] and presented a paper **Modified quechers method for determination of of acephate and monocrotophos pesticide residues in foxtail millets samples by lc-ms/ms**.in yogivemana university.

## WORKSHOPS

- Attended the Workshop on **“Molecular characterization Techniques”** at Govt.Engineering college, Kozhikode. During 3<sup>rd</sup> to 5<sup>th</sup> August,2016.
- Attended the national workshop on **“Research methodology in science and Technology”** TEQUIP –II, Organized by Mathematical department in JNTUACEP. During 17<sup>th</sup> to 19<sup>th</sup> October, 2016.
- Attended the workshop on **“Composite Materials Characteristics & its applications”** TEQUIP –II, Organized by Mechanical department in JNTUACEP. During 19<sup>th</sup> &20<sup>th</sup> Oct-2016.
- Attended the workshop on **“Environmental Management ,Green and Sustainable chemistry ”** TEQUIP –II, Organized by Chemistry department in JNTUACEP. 22<sup>nd</sup> February -2017.
- Attended the short term program on **“Paper and article writing with LATEX”** TEQUIP –II, Organized by Electrical and Electronics Engineering department in JNTUACEP. During 17<sup>th</sup> &19<sup>th</sup> March -2016.
- Participated in the workshop on **“One Week Online Faculty Induction Workshop on Thrust Areas”** organized by Department of Computer Science & Engineering, Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh during **10.10.2022 to 15.10.2022**

## PATENTS

- Patent on APPLICATION OF MARINE BASED MINERALS AS FOOD SUPPLEMENTS, Application No.202041052199 A , INDIA .(Date of filing of Application :01/12/2020 (43) Publication Date : 11/12/2020.

## Online Courses

- Participated in two weeks online course **“ Art and Skills for effective Teaching (ASET)”** organized by Saveetha Engineering college ,Chennai-India .during 25-06-2020 to 06-06-2020.

## Book Chapter

- C.Sivanandha Reddy,P.Vamsi Krishna Reddy G.V Subba Reddy **“Soil properties**

## Curriculum Vitae

improving for Agricultural soil sustainability with biochar” as book chapter published in a CLIMATE CHANGE AND SUSTAINABILITY – A NOVAL APPROACH FOR ENVIRONMENTAL PROTECTION. page.no- 121 – 134,ISBN: 978-93-5437-470-8.

(<https://docs.google.com/document/d/1ZKLhuSJ9GMnYsA5ukOT050kICnhKNvXc6fRiawEdFX4/edit>)

- C.Sivanandha Reddy and N.Manasa “ Nanotechnology applications in Agriculture” published as book chapter in NanoTechnology-Multidiversified Approach for smart materials. Page no:89-97, ISBN: 978-93-5426-405-4.([https://docs.google.com/document/d/1MCuYgunTy026ieGPrDOQMvvhgOUzIG1k57Tns\\_mHpn8E/edit](https://docs.google.com/document/d/1MCuYgunTy026ieGPrDOQMvvhgOUzIG1k57Tns_mHpn8E/edit))

## HANDS ON EXPERINCE

UV-Visible Spectrophotometer, Liquid and Gas Chromatography, FT-IR, Potentiometer, Conductivity, pH-meter, Water analyzer, Turbidity meter etc.

## PUBLICATIONS

- 1) C.Sivanandha Reddy and G.V Subba Reddy “Pesticide residues recovery studies by QuEChERS sample Technique using Gas chromatography” Published in Madrs Agric..J.,104 (1-3):64-67,March -2017.(UGC Approved Free Journal).
- 2) Kulavardhana Reddy, **C. Sivanadha Reddy** and G. V. Subba Reddy “Seasonal Variation of Trace and Heavy Metals in Agricultural Soils around Tummalapalle Uranium Mining site,” Asian Journal of Chemistry, Vol. 30 (3), January-2018, 673-678.(Scopus-Indexed).
- 3) **C.Sivanandha Reddy**, S. Kulavardhana Reddy, and G.V. Subba Reddy. “Modified quechers method for determination of multi-pesticide residues in indian tea samples by LC-MS/MS”.*Rasayana journal of chemistry*. Vol.11, (2), April- June, 2018.582 – 589. .(Scopus-Indexed).
- 4) S. Kulavardhana Reddy, **C. Sivanadha Reddy** and G. V. Subba Reddy “Bioaccumulation of Trace Metals in Selected Vegetable crops around Tummalapalle Uranium Mine in Kadapa dist., A.P.,” Oriental Journal of Chemistry, , Vol. 34,(2) 2018,1078-1090. .(Scopus-Indexed).
- 5) **C.Sivanandha Reddy**, S. Kulavardhana Reddy, and G.V. Subba Reddy. “ Multiresidue analysis of 13 pesticides in spice using QuEChERS-based method and gas chromatography-triplequadrupole mass spectrometry” *International Journal of Engineering Science Invention (IJESI)*.(UGCApproved) April-2018,Vol.7(4) ,1-15.

## **Curriculum Vitae**

- 6) 6. S. Kulavardhana Reddy, **C. Sivanadha Reddy** and G. V. Subba Reddy. "Seasonal Variation of Trace and Heavy Metals in Vegetable Plants around Tummalapalle Uranium Mining Site" *Rasayana journal of chemistry*. Vol.13, (4), April- June, 2020. 2390-2400 .  
(Scopus-Indexed).

### **TECHNICAL SKILL**

**Operating Systems:** *M.S office, Excel, Power point, Internet browsing and Applications*

### **PERSONAL PROFILES**

Name : Dr.C.Sivanandha Reddy  
Date of Birth : 20.05.1987  
Father's name : C.Sambasiva Reddy  
Mother's name : C.Subamma  
Sex : Male  
Marital Status : Married  
Languages Known : Telugu, English and Hindi  
Nationality : Indian  
Religion : Hindu  
**Permanent Address** : S/O C.Sambasiva Reddy,  
V.Kotha Palli (Vi),  
Vemula(M),  
YSR(Kadapa) (Dist.) - 516349,  
Andhra Pradesh, India.

I do hereby declare that the above mentioned information is true, Complete and correct to the best of my knowledge and belief.

**(C. Sivanandha Reddy)**