

Dr.SiruguduSrinivasaRao



Designation :Associate Professor
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Velagapudi Ramakrishna Siddhartha Engineering College,
Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Chemistry)

2012, National Institute of Technology Warangal (NITW), Warangal

M.Sc (Industry-Oriented Chemistry)

2000, Regional Engineering College Warangal (RECW), Warangal

B.Sc (M.P.C.)

1998, Nagarjuna University, Guntur District, Andhra Pradesh

Experience

Period	Designation	Institution / Organization
2018- Till Date	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2001-2018	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2000-2001	Lecturer	K. B. N. Degree College

Research Interests

Broad Area of Research :

Corrosion and its control, Corrosion inhibitors, Water quality analysis

Honors and Awards

- ChukkapalliPitchchiah Memorial '**Best Teacher Award**' for the year 2017 received from Siddhartha Academy of General & Technical Education, Vijayawada, on 1st February 2018.
- **Second Prize in Best Paper Awards** for the paper entitled, "*Synergistic effect of ascorbate in combination with 2-phosphonobutane-1,2,4-tricarboxylic acid and Zn²⁺ for corrosion control of carbon steel*", presented at Fourteenth National Congress on Corrosion Control (NCCC-14) organized by National Corrosion Council of India (NCCI), CECRI, Karaikudi, at Hotel Green Park, Hyderabad, 18-20 September 2008.
- **First Prize in Best Paper Awards** for the paper entitled, "*A new eco-friendly ternary inhibitor formulation based on phosphonate for corrosion inhibition of carbon steel*", presented at National Conference on Corrosion Assessment and its Control (NCAC 09) organized by National Corrosion Council of India (NCCI), CECRI, Karaikudi at Thiagarajar College of Engineering, Madurai, 21-22 December 2009.
- **Best Oral Presentation Award** for the paper entitled, "*Electrochemical and surface analytical studies of phosphonate based protective films for corrosion control of carbon steel*", presented at International Conference on Frontiers in Materials Science for Energy and Environment (ICFMS-2012) organized by Loyola Institute of Frontier Energy (LIFE), Loyola College, Chennai, 11-13 January 2012.
- **Best Presentation Award** for the paper entitled, "*Inhibitive effect of phosphonate-based surface film on corrosion of carbon steel in low chloride environment*", presented at National Conference on Corrosion, Surface Engineering and Tribology (CST-2013) organized by Centre of Excellence in Corrosion and Surface Engineering (CECASE), National Institute of Technology Tiruchirappalli, 22-23 April 2013.
- **Best Paper Award** for the paper entitled, "*Evaluation of protective nature of a phosphonate-based surface film against corrosion of carbon steel*", International Conference on Advances in Civil Engineering and Chemistry of Innovative Materials (ACECIM'14), SRM University, Ramapuram Campus, Chennai, 13-14 March 2014.
- **Best Paper Award** for the paper entitled, "*Role of folic acid as a synergist to a phosphonate-based inhibitor formulation for corrosion control of carbon steel*", presented at Third National Conference on Advances in Chemistry (NCAC-2015), organized by Department of Chemistry, Easwari Engineering College, Chennai, 18th February 2015.

Courses Taught

- Engineering Chemistry
- Industrial Chemistry

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?hl=en&user=-BVP9hEAAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57212588596
ORCID	https://orcid.org/0000-0001-7567-3494

Recognized Research Supervisor

S.No.	Department	University
01.	Chemistry	Jawaharlal Nehru Technological University, Kakinada

Funded Research Projects

Completed	01
On-going	NIL
Applied	NIL

Professional Service / Reviewer

- Reviewer in “Arabian Journal of Chemistry” and “Dyes and Pigments” , Elsevier

Professional Development Activities - Participations

Faculty Development and Training Programmes(at least 5 Days)	03
International / National Level Seminars	05 / 06
International / National Level Conferences	07 / 13
Workshops	03
Instructor Led / Self-Paced Courses	13
Webinars	02

Professional Bodies Membership Details

LM:705	Association of Chemistry Teachers (ACT)
Fellow-FC-011	International Science Community Association (ISCA)
LMB1599	Materials Research Society of India (MRSI)

(S. SRINIVASA RAO)
