

**Mrs. S.Lavanya, M.Sc., M.Phil.**

Assistant Professor – II, Chemistry

Velammal College of Engineering and Technology, Madurai

e-Mail Id: [sla@vcet.ac.in](mailto:sla@vcet.ac.in)

**Educational Qualification:**

Course	Institute/University	Year of Study
<b>M.Phil. (Chemistry)</b>	V.O.C College, Thoothukudi	2002-2003
<b>M.Sc., (Chemistry)</b>	Thiagarajar College, Madurai	1998-2000
<b>B.Sc., (Chemistry)</b>	Fatima College, Madurai	1995-1998

**Experience in Years:** 18 Years and 07 Months

**Employment History:**

Name of the College	Designation	Duration		Experience
		From	To	
<b>Velammal College of Engineering and Technology</b>	Assistant Professor	2.1.2008	Till date	16 years & 5 months
<b>S.V.N College</b>	Lecturer	14.6.2006	31.12.2007	1 year & 6 months
<b>Thiagarajar College</b>	Teaching Assistant	16.7.2003	31.12.2003	5 months
<b>V.O.C. College</b>	Lecturer	3.1.2003	22.4.2003	3 months

**Interested Research Areas:** Organic Chemistry

**Awards received:.**

- Presented a paper on “Invitro study of antimicrobial activity of chalcones” in the National Conference at Mother Teresa University, Kodaikannal on 19 March 2013 – The best Poster award

## **Publications Details:**

### **International Journal Publication Details:**

#### **1. International Journal Publication Details:**

- “Protein Folding and Misfolding: Insights from Biochemical Studies” *European Chemical Bulletin* 23,12(Special Issue 8), 1725 – 1734
- “Orange Peel as a Green Adsorbent for Wastewater Treatment” *JCHR* (2024) 14(2), 2855-2868 | ISSN:2251-6727
- “An eco-friendly method for preventing corrosion in low-carbon steel using an extract from *Guazma tomentosa* leaves”. *JCHR* (2023) 13(6), 1844-1859 | ISSN:2251-6727
- “Translating biochemical discoveries into medical innovations” Vol 30 No.17 (2023):JPTCP(881-891)

#### **1. International Conference Presentation Details:**

- Presented a paper on” Molecular Docking –Curcumin and its analogues” in the International Conference held at Rev. Jacob Memorial College (Proteofest - 11) on 3 February 2011

#### **2. National Conference Presentation Details:**

- Presented a paper on Stereochemistry and Spectroscopic studies on” N,N’ diarylureas and N,N’diarylthioureas“in Two day National Seminar on “Emerging trends in Chemistry” held at C.P.A Arts College, Bodinayakanoor on 24.7.2008 – 25.7.2008.
- Presented a paper on” Effect of solvent mixtures on Interclation/Deintercalation behavior of  $\text{Li}^+$  &  $\text{ClO}_4^-$  ions in graphite electrodes of batteries”in Two day National Seminar on “Pioneering in Chemistry” held at Devanga Arts College, Aruppukottai, Virudhunagaron 20.1.2010-21.1.2010
- Presented a paper on “Invitro study of antimicrobial activity of chalcones” in the National Conference at Mother Teresa University, Kodaikannal on 19.3.2015 – The Best Poster Award.