

# **CURRICULUM VITAE**

**M.SUNIL KUMAR**

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## **ADDRESS FOR COMMUNICATION**

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**Chittoor**

**Andhra Pradesh, India**

## **PROFILE**

A Ph.D in Analytical Chemistry with good academic track record and relevant work experience and training. Self-motivated individual, having strong commitment to deliver results on time, ability to take initiative, multi-task, work effectively either in a team or individually

## **OBJECTIVE**

To be an eminent Analytical Scientist in a dynamic, renowned and professionally - managed multi-national company with creative and challenging work environment and great career growth potential

## **WORK EXPERIENCE**

<b>Job Title</b>	<b>Responsibilities/ Duties</b>	<b>Employer</b>	<b>Time period</b>
SME -Chemistry	<ul style="list-style-type: none"><li>• Problem-solving</li><li>• Answering questions</li></ul>	Six Red Marbles, Chennai	2 months/2021-2021
LCMS Analyst	<ul style="list-style-type: none"><li>• LCMS operation and Maintenance</li></ul>	Sri Venkateswara University, Tirupati	6 months/2017-2018
CSIR Senior Research Fellow	<ul style="list-style-type: none"><li>• Project Fellow</li></ul>	Sri Venkateswara University, Tirupati	7 months/2012-2012
Asst. Professor- Chemistry	<ul style="list-style-type: none"><li>• Teacher</li><li>• Lab administrator</li></ul>	Siddhartha College of Engineering and Technology, Puttur, AP, India	9 months/2009-2010
Asst. Professor- Chemistry	<ul style="list-style-type: none"><li>• Teacher</li><li>• Lab administrator</li></ul>	Sri Venkateswara College of Engineering & Technology, Chittoor, AP, India	6 months/2008-2009
HSE Supervisor	<ul style="list-style-type: none"><li>• Lab Analyst</li><li>• ETP supervisor</li></ul>	Malladi Drugs and pharmaceuticals Pvt Ltd, Unit-V, Renigunta,Tirupati, AP, India	9 months/2007-2008

## **EDUCATION**

Year	Degree	University/Board	Percentage	Class Awarded
2016	Ph.D (Analytical Chemistry)	Sri Venkateswara University, Tirupati, AP	---	First class
2012	M.Phil (Analytical Chemistry)	Sri Venkateswara University, Tirupati, AP	74.50%	First class
2006	M.Sc (Chemistry) (Environmental Chemistry)	Sri Venkateswara University, Tirupati, AP	68.63%	First class
2004	B.Sc(MPC)	Sri Venkateswara University, Tirupati	81.00%	Distinction
2000	12 (MPC)	Board of Intermediate Education, AP	69.30%	First class
1998	10	Board of Secondary Education, AP	70.00%	First class

## **CORE SKILLS**

1. Strong expertise in Shimadzu Prominence UFLC, Shimadzu LCMS-2020
2. Hands-on training on Waters LC-TMS/QTOF-MS and ThermoFischer Orbitrap - MS and Perkin Elmer GC-MS/GC-FID
3. Hands-on training on GC, HPLC, IR, UV-Vis spectrophotometry, AAS, ICP-MS, IC-MS, High volume sampler and other instruments used in Environmental sample analysis at BARC , Mumbai
4. Working knowledge of electrochemical techniques such as voltammetry, impedence and polarography for drugs, pesticides and trace metal analysis.
5. Analytical method development and validation of pesticides and drugs.

## **SOFT SKILLS**

1. LCMS Instrument Software knowledge – Shimadzu-LabSolutions, Waters-MassLynx\_
2. MS Office and Internet skills, ChemDraw, Literature search - Scholar, PubChem, Web of Science, Scopus
3. Report writing, Article publication, Lab record management.
4. Good English proficiency - Oral and written communication
5. Time management, prioritization and organization skills

## **LANGUAGES KNOWN**

- English, Hindi, Telugu

## **LIST OF RESEARCH PUBLICATIONS: 07**

- 1. Sensitive determination of chlorpyrifos using Ag/Cu alloy nanoparticles and graphene composite paste electrode**  
N.Y. Sreedhar, **M. Sunil Kumar**, K. Krishnaveni  
Sensors and Actuators B: Chemical, 210, 2015, 475–482
- 2. Enhanced electrocatalytic determination of fenitrothion at graphene and silver–zirconia nanosensor**  
N. Y. Sreedhar, **M. Sunil Kumar**, K. Krishnaveni  
Monatshefte für Chemie - Chemical Monthly, 146(9), 2015, 1385–1393
- 3. Voltammetric Nanosensor for Cyfluthrin based on Graphene and Poly (3-methyl) Thiophene**  
N. Y. Sreedhar and **M. Sunil Kumar**  
Anal. Bioanal. Electrochem., 6(2), 2014, 151 – 158
- 4. Voltammetric Determination of Parathion at Sulphonated Polyaniline based Electrochemical Sensor**  
Neelam Yugandhar Sreedhar and **Marella Sunil Kumar**  
Anal. Bioanal. Electrochem., 5(5), 2013, 635–646
- 5. Single walled carbon nanotube modified electrode for the determination of permethrin in spiked human urine samples**  
N. Y. Sreedhar, **M. Sunil kumar**, M. Nagaraju, Chemical Sensors 2012, 2: 2
- 6. Voltammetric determination of olopatadine hydrochloride in bulk drug form and pharmaceutical formulations**  
N.Y. Sreedhar, A. Sreenivasulu, **M. Sunil Kumar** and M. Nagaraju  
International journal of pharmaceutical science and research, 3(7), 2012, 2320–2324
- 7. Electrochemical determination of ebastine in tablet dosage forms at hanging mercury drop electrode**  
N.Y. Sreedhar, A. Sreenivasulu, **M. Sunil Kumar**, M. Nagaraju,  
International Journal of Pharm Tech Research, 4(3), 2012, 1303–1308

## **AWARDS/FELLOWSHIPS**

- 1. 2013-2015- UGC –RFSMS- BSR fellowship**
- 2. 2012 - CSIR project fellow(SRF)**
- 3. B.Sc Science Secretaryship - 2003-2004**

## **CTC**

- **Last drawn: Rs. 3.0 lakhs/Annum**
- **Expected : Rs. 3.5 – 4.0 lakhs/Annum**

## **INTERESTS AND PASTIMES**

1. Solitary walks
2. Movies/Music
3. Bike riding
4. Books
5. Good Food

## **REFERENCE**

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