

# CURRICULUM VITAE

**M.SUNIL KUMAR**

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## ADDRESS FOR COMMUNICATION

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## PROFILE

Ph.D in Analytical Chemistry endowed 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

Job Title	Responsibilities/ Duties	Employer	Time period
SME - Chemistry	<ul style="list-style-type: none"><li>• Accuracy checking</li><li>• Worksheet creation</li><li>• Generating Hints/problem statement</li></ul>	ANSR Source, Bangaluru	1 month ( Jan. 2022 - Feb. 2022)
SME - Chemistry	<ul style="list-style-type: none"><li>• Answering/reviewing questions</li></ul>	Six Red Marbles, Chennai	2 months 9 days (June 2021 - Aug.2021)
SME - Chemistry	<ul style="list-style-type: none"><li>• Accuracy checking</li><li>• Bug reporting</li></ul>	MRCC Solutions, Mumbai	1 month 14 days (Feb.2021 - May2021)
LCMS Analyst	<ul style="list-style-type: none"><li>• LCMS operation andMaintenance</li></ul>	Sri Venkateswara University, Tirupati	6 months (Sept. 2017-Feb.2018)
CSIR Senior Research Fellow	<ul style="list-style-type: none"><li>• Experimental work</li><li>• Writing reports/ articles</li></ul>	Sri Venkateswara University, Tirupati	7 months (June 2012 - Dec.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 (Aug.2009 - April 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 (Sept.2008 -Feb. 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 (July 2007- April 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

## DOMAIN 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, impedance 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 – 3.8 lakhs/annum

## **INTERESTS AND PASTIMES**

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

## **REFERENCE**

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