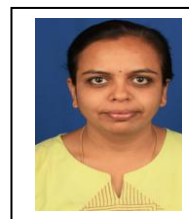


Name: SHUCHI TIWARI
Designation: ASSISTANT PROFESSOR
Department: H &S
Mail I'd: shuchi_t@vnrvjiet.in , shuchitiwari1@gmail.com



Experience (in years): Teaching: 9.6 Research: 3 Others(if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	2004	Coordination Chemistry
2	MSc	1995	Organic chemistry
3	Bsc	1993	CBZ group
4	MBA (IGNOU)	2012	Marketing
5	MBA (IGNOU)	2013	HR

2. Teaching and Learning:

- 2.1. Teaching Interests: yes(Chemistry)
- 2.2. Novel Teaching & Learning Techniques adopted: yes (Zigsaw, flip classroom, Edmodo software)
- 2.3. Involvement in curriculum updating / Design: yes

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Net surfing, attend workshop and conferences, watching sports channels, gardening and cooking
- 3.2. CCA/ECA Organized: nil
- 3.3. CCA/ECA participated: yes
- 3.4. Counseling and Mentoring Activity: yes
- 3.5. Committees involved in:
 - Department level: yes
 - Institute Level: yes

4. Conference / Workshop / Seminar / Guest Lectures :

- 4.1 Conducted: yes (Conference and guest lecturers)
 - **Programme Coordinator** in AICTE organize 10 day workshop in CVR College (2010)
 - National Science Day Organized Guest Lecture Dr. Sunkara V. Manorama, Senior Principal Scientist, Inorganic and Physical Chemistry Division, CSIR-Indian Institute of Chemical Technology

- 4.2 Attended: yes

Courses and Trainings

- IUCEE – OBE Course with Distinction (92 %) conducted by K.L.E. Technological University Faculty (Aug- Dec 2016)
- National workshop on “ Nano Satellites - Future of Space Science” HITAM (2016).

- DAE-BRNS Theme Meeting on Recent Advances in Materials Characterisation by Surface Analytical Techniques NCCCM, BARC, Hyderabad (2014)
- National Workshop on Research Methodology for Advanced areas in Engineering & Technology SMEC, Secunderabad (January 2014)
- National Seminar on Hyphenated Techniques of Chromatography /Spectroscopy: A Futuristic Application in All Branches of Science and technology, Govt. Model Science College (Auto) Jabalpur (October 2011)
- Two-Day workshop in Engineering Chemistry in JNTU Hyderabad (October 2009)
- Three –Week Refresher course in JNTU Hyderabad (August 2009)
- Gas Chromatography, Advanced Training Institute, Mumbai (2004)
- National Workshop of Thermal Analysis B.A.R.C., Mumbai (2002)

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: nil

5.2. Articles/Chapters published in Books:

5.3. Books published as single author or as editor: yes

- Chemistry E- Book for Class 6th, 7th and 8th from IDAA Pvt Soft It.
- Engineering Chemistry lab Manual B. Tech I year, Sci. Tech Publications 2011
<http://www.abebooks.com/book-search/title/laboratory-manual-chemical-engineering/>
ISBN: 9788183713313

5.4. Projects Guided :

- UG :
- PG :

5.5. Research Interests : Green Chemistry Applications, Nanomaterial synthesis, Biological Activities, Extraction of metals from various effluents

5.6. Ph.D students :

- Enrolled : Nil
- Submitted: Nil
- Awarded: nil

5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	IR Spectra Studies of Coordination Polymers Prepared By Ureabisdithiocarbamates	International Journal of Advanced Technology in Engineering and Science, 3(2), 608-615, (2015)	2348-7550	1.121	International
2	Synthesis and Characterization of Bisdithiocarbamates from Weak Nitrogen Bases and Its Metal Complexes	International Research Journal of Pure and Applied Chemistry, 7(2) 78-91, (2015)	2231-3443	Not Available	International
3	Study of liquid-crystalline	Indian Journal	2320-0898	Impact Factor	National

	behaviour of aliphatic-aromatic polyamides derived from castor oil based dimer acid by DSC	of Advances in Chemical Science 2 (1) 89-94 (2013)	(Print); 2320-0928 (Electronic)	2.63	
4	Synthesis, characterization and biological evaluation of novel binary and mixed ligand complexes of phosphonformic acid	Journal of Chemical and Pharmaceutical Research, 5(9):116-122 (2013)	0975-7384	Impact Factor 0.984	National
5	Renewable Energy Potential and Sustainable Development in Present Scenario of Globalization	CVR Journal of Science & Technology, 1, 61-65, (2011)	2277 -3916		National
6	Metal Ion Extraction by Dithiocarbamate Function Supported on Polyacrylamide	Reactive and Functional Polymers 64, 47-54, (2005)	1381-5148	Impact Factor 2.653	International
7	Application of Thermogravimetric Analysis for Structural Elucidation of Bisdithiocarbamate of Urea and its Copper (II) Complex	Thermochemica Acta, 411, 139-148 (2004)	0040-6031	Impact Factor 2.185	International
	Macroredox polymerization of styrene on the Hydrophobic substrate, hydroxy-terminated Polybutadiene (HTPB) using V (V) as an oxidant	J. of Macromolecular Science Pure and Applied Chemistry A 41(6), 1-16 (2004)	1060-1325 (Print); 1520-5738 (Online)	Impact Factor 0.887	International

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Synthesis of dithiocarbamate derivatives by green chemistry approach	India International Science Festival IISF-2016, National Physical Laboratory New Delhi	International	7-11 December 2016
2	A Review: An-approach- to Green chemistry and its applications By using Dithiocarbamates and their Metal Complexes	National Symposium on Recent Advances in Chemical & Material Sciences	National	20-21 August 2016

		(RACMS-2016) IIT BASAR		
3	Emerging Trends in Wireless Communications and VLSI Designs in Field of Robotics	A National conference on Emerging Trends in Wireless Communication and VLSI Design, HITAM Hyderabad 2015	National	28-29 September 2015
4	The literature Survey About 3G & 4G in WireLess Communication	A National conference on Emerging Trends in Wireless Communication and VLSI Design, HITAM Hyderabad 2015	National	28-29 September 2015
5	Satellites Communications Survey and its Various Aspects	A National conference on Emerging Trends in Wireless Communication and VLSI Design, HITAM Hyderabad 2015	National	28-29 September 2015
6	Literature Review on "Impact of Nanomaterials on Health and Environment	National Conference on Environmental Radiation and Functional Materials NCERFM-2015, Dept. of Physics, OU, Hyderabad 2015	National	28 Feb- 1 March 2015
8	IR Spectra Studies of Coordination Polymers Prepared By Ureabisdithiocarbamates	International Conference on Science, Technology and Management ICSTM-2015	International	1 February 2015
9	Synthesis, characterization, properties and structure of lanthanide complexes with Ureabisdithiocarbamate	CSRI-National Symposium in Chemistry -14, IIT Bombay	National	7-9 February 2014
10	Impact of Nanoparticles and Nano material's	International	International	5-7

	on Health and Environment	Conference on Nano Materials: Science, Technology and Applications ICNM-13, BSAR, Chennai		December 2013
11	Luminescent Lanthanide complexes and their potential Application	An International conference on “Directions in Material Sciences” DMS -13, JNCAR, Bangalore	International	30 Nov-01 December 2013
12	Uses of Dithiocarbamate compounds in Electronic Devices	International Conference on Extropianism: Towards Convergence of Human Values and Technology ICEHVT 2013, Ansal University, Sector 55, Gurgaon	International	18-19 January 2013
13	Global Trends in Renewable Energy sources and the ultimate challenge for a sustainable development in present scenario.	International Conference on Current Trends and Issues of Renewable Energy(CTIRE 2012)M.G.University, Nalgonda A.P.	International	29-30 March 2012
14	Potential Application of dithiocarbamate Nanomaterial	2 nd International Conference on Nanomaterials – Synthesis, Characterization and Application ICN 2012 M.G.University, Kottayam, Kerala	International	12-15 January 2012
15	Novel Bisdithiocarbamates from Weak Nitrogenous Bases Prepared by Direct Synthesis and Their Metal Complexes	National Seminar on Analytical Chemistry-Vision 2020, March , 2008, IICT, Hyderabad	National	27-28 March 2008
16	Novel Bisdithiocarbamates from Weak	93 st Indian Science	National	3-7

	Nitrogenous Bases Prepared Multidentate Ligands and its TGA Analysis	Congress, 2006, Hyderabad		January 2006
17	Preparation and Characterization of Dithiocarbamate Function Supported on Polyacryamide	91 st Indian Science Congress, 2004, Chandigarh	National	3-7 January 2004
18	Thermal Studies of Bisdithiocarbamates Derived from Urea, Dithiooxamide and 1-3, Diaminopropane	THERMANS, 2004, M.S. University, Baroda	National	20-24 January 2004
	Synthesis of Thiuram Polysulphide Polymers from Dithiocarbamates Functionalized Group	The 8 th Pacific Polymer Conference, 2003 (Thailand)	International	24-27 November 2003
	Evaluation of Kinetic Parameters For Thermal Degradation of Bisdithiocarbamate Derived From Urea and its Copper (II) Complex	THERMANS, 2002, BARC, Mumbai	National	21-25 January 2002

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Synthesis and Structural Characterization Studies of Bisdithiocarbamates and Its Lanthanides Complexes and Their Applications	UGC New Delhi Dr. D. S. Khothari Post Doctoral Fellowship, Osmania University Hyderabad	3 years (Oct. 2011- Oct.2014)	16,07,200/-	Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

- Done Manuscripts **Referee ship in various international journals.**
- **Programme Coordinator** in AICTE organize 10 day workshop in CVR College (2010)
- “A” grade from **Three-Week Refresher course** in JNTU Hyderabad (2009)
- Paper is selected in **Young Scientist Category**, Indian Science Congress, Chandigarh, (2004)
- National Service Scheme (NSS): Participated in National Integration Camp, Coimbatore & **got second position in quiz competition (1992) and Scouts And Guides: Best performer, (1989-90)**

7. **Motto:** Adapt modern teaching tools and Share our knowledge with students and motivate

them to Do Research with Applications aspects
“Keep your goals in front of you and your fears behind you”