

Dr. Mithilesh Kumari Gupta

Assistant Professor

Department of Chemistry

Govt. Nagarjuna P.G. College of Science Raipur C.G. Pin – 492010



Contact information

Email- mithilesh17gupta@gmail.com

Contact No: 9907998454

Personal Profile:

Date of Birth : 17-08-1988
Marital Status : Married
Husband's Name : Mr. Kailash Kumar
Father's Name : Mr. Ram Prasad Gupta
Mother's Name : Mrs. Shanti Gupta
Nationality : Indian
Languages Known : Hindi, English
Personal Interests : Reading, Listening Music, Photography
Address : Saraswati Nagar Kota Near Railway Crossing Raipur C.G.

Qualification

Degree	Year	Name of Institutes	University
Ph. D. (Physico-organic Chemistry) Entitled "Studies on Hydrolysis of Phosphate Esters and their Bioactivity"	2017	Pt. Ravishankar Shukla University, Raipur	
M.Sc. (Organic Chemistry)	2010	Govt. Vivekanand College Manendragarh C.G.	Surguja University Ambikapur C.G.
B. Sc. (Chemistry, Botany, Zoology)	2008	Govt. Vivekanand College Manendragarh C.G.	Gurughashi Das University Bilaspur C.G

Achievements:

- M.Sc. Gold Medalist from Surguja University year 2010
- Received Silver medal from Sambodhan Sahitya and kala parisad 2010.
- Best Poster Presentation Award in National Conference on Frontiers in Physical, Chemical and Biological Sciences, Department of Chemistry, University of Pune , Pune, October 2013.
- Dr. V.K. Sharma Award for best oral Presentation in National Conference XXXIII Annual Conference Indian Council of Chemists, Department of Applied Chemistry, Indian School of Mines Dhanbad, December 2014.
- University Grant and travel grant from C.G. Cost to visit foreign for presenting a research work in 4th International Conference Indian Council of Chemists, Tashkent, Uzbekistan, June 2015.

Areas of Interests:

- Teaching & Research

Professional Attractiveness:

- Achievement oriented, Punctuality, positive attitude
- Inquisitiveness to learn new things and processes
- Hard working, quick learner.
- Ability to take initiatives and work in team
- Good organizational and co-ordination skills.

Research Publication

1. **Mithilesh Kumari Gupta** Occurrence, Impact and Management of Rare Earth Elements in Vegetables and Soil: A Detailed Review of Asian Perspective, *The Bioscan* 19 (2) S2: 101-103, 2024.
2. **Mithilesh Kumari Gupta**, S. K. Jadhav, S. A. Bhoite. In Vitro Antifungal Activity of Phosphate Esters *Asian Journal of Chemistry*, 28 (7) 1523-1527. 2016.
3. **Mithilesh Kumari Gupta**, S. A. Bhoite **Kinetics** of Hydrolysis of Di-2-methyl-5-nitro aniline phosphate Catalyzed by Hydrochloric Acid, *Acta Ciencia Indica*, **XLI C**, (1) 17-27 , **2015**.
4. **Mithilesh Kumari Gupta**, S. A. Bhoite, Kinetics of Hydrolysis of Di-2-methyl-5-nitroaniline Phosphate in Buffer Media, *Journal of Indian Council of Chemists*, **30**, 1, 01-10, **2015**.

5. **Mithilesh Kumari Gupta**, S. K. Jadhav., S. A. Bhoite. In Vitro Antibacterial Activity of Phosphate Esters Screened by Broth Dilution Assay Method. *International Journal of Pharmacy and Pharmaceutical Sciences*, 7 (8), 267-273, 2015.
6. **Mithilesh Kumari Gupta**, S. K. Jadhav, S. A. Bhoite. Evaluation of Antibacterial Activity of Phosphate Esters by Well Diffusion Method., Bhoite S.A., *World Journal of Pharmaceutical Research*, 3 (8), 420-428, 2014.
7. **Homeshwari Yadav, Mithilesh kumari Gupta, S.A. Bhoite**, Kinetic study of Mono-N-Ethyl-O-Toluidine Phosphate in buffer Medium, *Int. J. Chem. Sci* 12(3), 993-1000, 2014.
8. **Mithilesh Kumari Gupta**, S. A. Bhoite , A Kinetic and Mechanistic Study of Hydrolysis of Mono-6-chloro-2,4-dinitroaniline phosphate in Buffer Medium. *International Journal of Chem Tech Research*, 6 (7), 3889-3895, 2014.
9. **Mithilesh Kumari Gupta**, Homeshwari Yadav , S. A. Bhoite Kinetic Approach to Hydrolysis of Mono-6-chloro-2,4-dinitroaniline phosphate in Acidic Medium. *International Journal of Scientific and Research Publications*, 4(6), 1-7, 2014.

Research Paper Presented at National and International conferences

1. Evaluation of Antifungal Activity of Phosphate Esters by Broth Dilution Assay Method, 4th International Conference Indian Council of Chemists, **Tashkent, Uzbekistan**, 13-15 June 2015.
2. Kinetics of Acid Catalyzed Hydrolysis of Di-2-methyl-5-nitroaniline phosphate. International Conference on Status of Science and Technology in Chhattisgarh State” Bhilai Institute of Technology, **Durg**, 19-20 March 2015.
3. Synthesis, Characterization and Antifungal Activity of Phosphate Ester: Di-2-methyl-5-nitroaniline phosphate. 102nd Indian Science Congress, University of Mumbai **Mumbai**, 3-7 January 2015.
4. Synthesis and Antibacterial Activity of Di-phosphate Ester. XXXIII Annual Conference Indian Council of Chemists, Department of Applied Chemistry, Indian School of Mines **Dhanbad**, 15-17th December 2014.
5. In Vitro Antibacterial Activity of Di-2-methyl-5-nitroaniline phosphate. 12th Chhattisgarh Young Scientist Congress, Pt. Ravishankar Shukla University **Raipur C.G.**, 17-19 February 2014.
6. Kinetic Study of Hydrolysis of Mono-6-chloro-2,4-dinitroaniline phosphate in Buffer Media. National Conference on Recent Trends in Chemical Sciences, S.o.S. in Chemistry, Pt. Ravishankar Shukla University Raipur C.G., **Raipur**, 23-25 January 2014.

7. Kinetic Approach to Acid Catalyzed Hydrolysis of Mono-6-chloro-2,4-dinitroaniline phosphate, 3rd International Science Congress (ISC), Karunya University Coimbatore, **Tamilnadu**, India 8-9 December **2013**.
8. Synthesis and Antibacterial Activity of Mono-6-chloro-2,4-dinitroaniline phosphate, Traditional knowledge, and Biotechnology , S.o.S. in Biotechnology, Pt. Ravishankar Shukla University, **Raipur**, C.G. 22-24 November 2014.
9. Antibacterial Activity of Mono-*p*-toluidine Phosphate, Frontiers in Physical, Chemical and Biological Sciences, Department of Chemistry, University of Pune, **Pune**, 4-6 October **2013**.

National and International Workshop and Symposia Attended

1. Workshop on h-Index, i10-Index and Scopus Held at IQAC, Pt. Ravishankar Shukla University Raipur C.G. 17 January 2015.
2. Workshop on “How to Write Research Project” Held at Pt. Ravishankar Shukla University Raipur C.G. From 12-19 January 2012.
3. Workshop on How to Participate International and National Conferences, Symposia, Seminars, Workshops and Training Courses. Held at Pt. Ravishankar Shukla University Raipur C.G. from 24 February-2 March 2012.
4. Workshop on Prospection and Sustainable Use of Medicinal Plants of Chhattisgarh Held at Pt. Ravishankar Shukla University Raipur C.G. From 10-11 September 2012
5. International Symposium on Environmental-Analytical & Toxicology Issues of Speciation in Atmospheric Organic Aerosols. Held at Pt. Ravishankar Shukla University Raipur C.G. From 6-7 December 2012.
6. International Symposium on Novel Approaches to Air Quality Management and Improvement in India. Held at Pt. Ravishankar Shukla University Raipur C.G. From 5-7 September 2011.

Awards Achieved

1. **Mithilesh Kumari Gupta**, Pragma Awadhiya S. A. Bhoite, “Antibacterial Activity of Mono-*p*-toluidine phosphate” National Conference on **Frontiers in Physical, Chemical and Biological**

Sciences, Department of Chemistry, University of Pune , Pune 4-6 October 2013. (**Best Poster Presentation Award**)

2. **Mithilesh Kumari Gupta**, S.A. Bhoite, “Synthesis and Antibacterial Activity of Di-phosphate ester” National Conference **XXXIII Annual Conference Indian Council of Chemists**, Department of Applied Chemistry , Indian School of Mines Dhanbad, 15-17th December 2014. (**Dr. V.K. Sharma Award for best oral Presentation**)