

Name	Dr. Priyanka Singh
Father's Name	Shri Shambhoo Nath Singh
Date of Birth	30-01-1988
Designation	Assistant Professor of Chemistry
Address for Correspondance	Indrapuri Colony, Behind the Stadium, Near S.B. Tower, Ramkrishna Ward, Rajnandgaon, Chhattisgarh, India 491441
Email	priyankasingh0678@gmail.com

Educational Qualification

Degree	Year	University
Graduation	2008	Pt. Ravishankar Shukla University, Raipur (C.G.)
M.Sc.	2010	Pt. Ravishankar Shukla University, Raipur (C.G.)
M.Phil.	2011	Pt. Ravishankar Shukla University, Raipur (C.G.)
Ph.D.	2015	Pt. Ravishankar Shukla University, Raipur (C.G.)
SET	2013	CGSET

Speciaization	Chemical Biology
Title of Ph.D. Thesis	“Antioxidant Behaviour and Conformational Aspects of DNA Binding of Naphthyl Hydroxamic Acids.”
	Supervisor : Professor Rama Pande

Date of First Appointment	01-09-2017
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Published Research Papers

1. “Evaluation of Antioxidant Activity and DNA Cleavage Protection Effect of Naphthyl Hydroxamic Acid Derivatives through Conventional and Fluorescence Microscopic Methods”, Chemical Papers, Vol. 68, No. 10, 2014 pp.1298-1304.
2. “Determination of Antioxidant Capability of N-(1-Naphthyl) ethoxybenzohydroxamic Acid”, World Journal of Pharmacy and Pharmaceutical Science, Vol. 3 No. 3, 2014 pp. 2089-2095.
3. “DNA Folding transition in presence of Naphthylhydroxamic acids as revealed by Fluorescence microscopic single molecule observation method”, Journal of Fluorescence, Vol. 26, 2016 pp. 67-73.
4. “Determination of Volumetric, Steric and Excess properties of Naphthyl Hydroxamic Acid Derivatives in Ethanol between 298.15 and 313.15 K”, Journal of Molecular Liquids, DOI: 10.1016/j.molliq.2017.10.016 (2017).

Books Published :

1. Rama Pande, Deepesh Khare, Priyanka Singh and Bharti Dewangan, Partition Equilibrium and Lipophilicity of Hydroxamic Acids, Lambert Academic Publishers, Germany, July 20, 2013. ISBN-10: 3659430358, ISBN-13: 978-3-659-43035-0
2. Rama Pande, Priyanka Singh and Piyush Thakur, Hydrophobic Parameters of Biomolecules : Hydroxamic Acids, Lambert Academic Publishers, Germany, March 20, 2014, ISBN-10: 3659432563, ISBN-13: 978-3-659-43256-9
3. Manish Kumar Singh and Priyanka Singh, Handbook on Vermicomposting : Requirements, Methods, Advantages and Applications, Anchor Academic Publishing, Germany, April 10, 2014, ISBN-10: 3954892766, ISBN-13: 978-3954892761

Life Member of Academic Bodies	<ol style="list-style-type: none"> 1. DNA Society 2. Cemical Research Society of India (CRSI)
Awards	<ol style="list-style-type: none"> 1. PT. RAVISHANKAR SHUKLA UNIVERSITY RESEARCH SCHOLARSHIP, Pt. Ravishankar Shukla University, Raipur (C.G.), India, 2011-2014. 2. CHHATTISGARH YOUNG SCIENTIST AWARD, 12th Chhattisgarh Young Scientists Congress, Pt. Ravishankar Shukla University, Raipur (C.G.), India, 17-19 Feb., 2014.
Papers/Posters Presented	<ol style="list-style-type: none"> 1. “Studies on Molecular Interactions of N-arylhydroxamic acids” PHY(OP)-37, 48th Annual Convention of Chemists & Celebration of International Year of Chemistry, University of Allahabad, Uttar Pradesh, India, 03-07 Dec., 2011. 2. “Hydrophobic Parameters of Hydroxamic Acids as Biomolecules” National Conference on Emerging Trends In Science, Technology And Management, Raipur, Chhattisgarh, 04 Feb., 2012. 3. “Hydrogen Bond Parameters of N-Arylhydroxamic Acids” OO-CYSA-13, Indian Council of Chemists 31st Annual Conference, Saurashtra University, Rajkot, Gujarat, 26-28 Dec., 2012. 4. “DNA-Binding Studies of Naphthyl Derivatives of Hydroxamic Acids.” 7.2 CHEMISTRY, XI

	<p>Chhattisgarh Young Scientists Congress, Govt. Nagarjuna P.G. College of Science, Raipur (C.G.), India, 28 Feb.-01 March, 2013.</p> <p>5. "DNA Binding Constant and Thermodynamic Parameters of Naphthyl hydroxamic acids." C1213020, International Conference on Chemical, Agricultural and Medical Sciences (CAMS-2013), Kuala Lumpur, Malaysia, 29-30 Dec., 2013.</p> <p>6. "Lipophilicity Determination of N-Arylhydroxamic Acids." PP-45, National Conference on Recent Trends in Chemical Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.), India, 23-25 Jan., 2014.</p> <p>7. "Determination of Interaction Parameters of DNA-Hydroxamic Acid Complexes." INTERSc-2, 12th Chhattisgarh Young Scientists Congress, Pt. Ravishankar Shukla University, Raipur (C.G.), India, 17-19 Feb., 2014.</p>
Conferences & Symposia Attended	<ol style="list-style-type: none"> 47th Annual Convention of Chemists – 2010 & International Conference on Recent Advances in Chemical Sciences, Pt. Ravishankar Shukla University, Raipur (C.G.), India, 23-27 Dec., 2010. International Symposium on Novel Approaches to Air Quality Management and Improvement in India, Pt. Ravishankar Shukla University, Raipur (C.G.), India, 05-07 Sept., 2011. Inspire Internship program, Pt. Ravishankar Shukla University, Raipur (C.G.), India, 29 May-02 June, 2012. National Conference on interaction between traditional and modern technology, Chhattisgarh Council of Science and Technology & Chhattisgarh Vigyan Bharati, Raipur (C.G.), India, 24-25 March, 2012. International Symposium on Environmental -Analytical & Toxicological Issues of Speciation in Atmospheric Organic Aerosols, Pt. Ravishankar Shukla University, Raipur (C.G.), India, 06-07 Dec., 2012. Inspire Internship program, Pt. Ravishankar Shukla University, Raipur (C.G.), India, 16-20 July, 2013. International Conference on Recent Trends in Science and Engineering (ICRTSE-2016), Govt. V.Y.T Autonomous PG College, Durg(C.G.), India, 15-16 Jan. 2016.
Workshops & Short Term Training Programs Attended	<ol style="list-style-type: none"> National Workshop on "Hands on DNA Technology", Govt. Nagarjuna P.G. College of Science, 08-11 Jan., 2013. Workshop on "Molecular Biology", HiMedia Laboratories Pvt. Ltd., Govt. Nagarjuna P.G. College of Science, 08-11 Jan., 2013. "Recent Trends in Heterocyclic Compounds and Material Science", National Institute of Technology, Raipur (C.G.), India, 26-30 May, 2014. "Advances in Chemical Analysis", National Institute of Technology, Raipur (C.G.), India, 06-10 July, 2015. Workshop on "Green Chemistry and Its Future Aspects", Govt. V.Y.T. PG. Autonomous College, Durg (C.G.), India, 30th Nov., 2015. National Level Workshop on "Nano-Chemistry", Kalyan PG. College, Bhilainagar, Durg (C.G.), India, 8-9 Jan., 2016. Workshop on "Different Funding Agencies & Art of Effective Writing of Research Paper & project", Govt. Digvijay Autonomous PG College, Rajnandgaon (C.G.), India, 27 Sept. 2017. State Level Workshop on "Karyalayin Hindi; Swarup evam visheshtayein", Govt. Digvijay Autonomous PG College, Rajnandgaon (C.G.), India, 06 Oct. 2017.