

	<p>Name: Dr. Ram Singh Designation : Assistant Professor Chemistry Contact Details: JLN Government College Haripur (Manali) Himachal Pradesh, India. E. mail ID : rams141184@gmail.com Mobile No. : 9418659614</p>
Career profile	<ul style="list-style-type: none"> • Teaching Experience in years: 13 • Courses and Subjects taught: B.Sc. I, II, III year Chemistry
Academic Qualification	M.Sc., M. Phil. & Ph. D. (in Chemistry) from Himachal Pradesh University Shimla.
Specialisation	Physical Chemistry
Research Interest	Polymer-Surfactant interactions
Publications	<ol style="list-style-type: none"> 1. S. Chauhan, M.S. Chauhan, J. Jyoti and R.S. Thakur. “Study of SDS in Aqueous Solution of PEG (6000) – A Physico–Chemical Approach.” <i>J. Polym. Mater.</i> Vol. 28, No. 1, 2011, 59-73. 2. S. Chauhan, R.S. Thakur, D. Kaushal and V.K. Syal. “Sound Velocity and Density Studies to Find the Effect of PEG on Aqueous Anionic Surfactant (SDS).” <i>J. Acoustical Soc. India.</i> (2011) 38:158. 3. Suvarcha Chauhan, Ram Singh, Kundan Sharma and Kuldeep Kumar. “ Interaction Study of Anionic Surfactant with Aqueous Non-Ionic Polymers from Conductivity, Density and Speed of Sound Measurements” <i>J Surfact Deterg</i> (2015) 18:225–232. 4. S. Chauhan , Ram Singh and Kundan Sharma. “Volumetric, compressibility, surface tension and viscometric studies of CTAB in aqueous solutions of polymers (PEG and PVP) at different temperatures” <i>J. Chem. Thermodynamics</i> 103 (2016) 381–394. 5. Ram Singh, Suvarcha Chauhan, and Kundan Sharma. “Surface Tension, Viscosity, and Refractive Index of Sodium Dodecyl Sulfate (SDS) in Aqueous Solution Containing Poly(ethylene glycol) (PEG), Poly(vinyl pyrrolidone) (PVP), and Their Blends” <i>J. Chem. Eng. Data</i>, 2017, 62 (7), pp 1955–1964
Participation in Seminars/Conferences/Symposium/workshop	<ol style="list-style-type: none"> 1. National Symposium on Recent Advances in Analytical Sciences and Applications, Himachal Pradesh University Shimla. April 9-11, 2007. 2. “Interaction of Furosemide – (A Cardiovascular drug) with anionic surfactant SDS: A physico–chemical approach.” S. Chauhan, D. Kaushal J. Jyoti, Ram Singh and Rajni. Presented at International Conference on New Developments in Drug Discovery from Natural Products and Traditional Medicines Department of Natural Products held at NIPER, Punjab on Nov 16–20, 2008. 3. “Physico–Chemical studies of sodium dodecyl sulfate (SDS) in aqueous solution of PEG (6000).” S. Chauhan, J. Jyoti, Ram Singh, D. Kaushal. Presented at National conference on Advances in Polymer Science and Technology held at Department of Applied Sciences and Humanities, JMI Delhi on Dec. 3, 2008. 4. “A conductometric studies of CTAB–Lysozyme system in aqueous

	<p>mixtures of DMSO”, M.S. Chauhan, S. Pathania, Rajni, Ram Singh, S. Chauhan. Presented at National Conferences on Surfactants, Emulsions and Bio-Colloids (NATCOSEB-XIV) held at university of Kashmir on July 28–30, 2009.</p> <p>5. “Intermolecular interactions in binary mixtures of EMK and THF with some alkanols- A Physico-chemical approach” S. Chauhan, M.S. Chauhan, J. Jyoti, Ram Singh and R.S. Chopra. Presented at 3rd Natl. Symposium on Analytical Sciences on Recent Advances in Analytical Sciences held at Department of Chemistry H.P. Univ. Shimla on April, 12–14, 2010.</p> <p>6. “Sound Velocity and Density Studies to Find the Effect of PEG on Aqueous Anionic Surfactant (SDS)” National Symposium on Acoustics (NSA 2010). November 11-13, 2010.</p> <p>7. “Surface tension, viscosity and refractive index of sodium dodecyl sulfate (sds) in aqueous solution containing polyethylene glycol (peg), polyvinyl pyrrolidone (pvp) and their blends” National Conference on Advances in Basics & Applied Science, Career Point University Hamirpur (H.P.). April 7-8, 2017.</p> <p>8. National Conference on Management of Natural Resources and Environmental Issue. December 28-29, 2017</p> <p>9. “Colloidal System in water treatment and Environmental Protection.” National conference on The Role of Science and Technology in Disaster Management, Deptt. Of Physics GC Kullu (H.P.) & VIBHA-HP. December 14-15 2018.</p> <p>10. National Seminar on Raman Spectroscopy, Physics Department Himachal Pradesh University Shimla. November 12, 2019.</p> <p>11. International Symposium on Role of Science in Post COVID-19 Era (online), organized by faculty of science Gujranwala Guru Nanak Khalsa College, Civil Lines, Ludhiana, May 28-29, 2020.</p> <p>12. National Webinar on 'Impact of Chemical Science on Environment' PG Department of Chemistry , Gujranwala Guru Nanak Khalsa College, Civil Lines, Ludhiana. April 22, 2021.</p> <p>13. Online Workshop on Swachhta Action Plan (SAP) conducted by Mahatma Gandhi National Council of Rural Education, Hyderabad. May 27, 2021.</p> <p>14. “Gandhi and Green Chemistry”, राष्ट्रीय संगोष्ठी “ गाँधी मार्ग : बहुआयामी, बहु-विषयक दृष्टिकोण (सत्य के प्रयोग, हिन्द स्वराज के संदर्भ में) हिंदी विभाग जवाहर लाल नेहरू राजकीय महाविद्यालय हरिपुर मनाली द्वारा आयोजित, भारतीय सामाजिक विज्ञान अनुसंधान परिषद (ICSSR) चंडीगढ़ द्वारा वित्तपोषित 23 – 24 जून 2023.</p>
<p>Refresher Courses / Orientation Programmes</p>	<p>1. Orientation Course UGC HRDC, HPU Summer hill Shimla: 21 days. Orientation Course-133. May 27, 2019 to June 15, 2019.</p> <p>2. Online Refresher Course in chemistry for higher education faculty SWAYAM (ARPIT) Sri Guru Tegh Bahadur Khalsa College Delhi : 04 Month. (2019)</p> <p>3. Refresher course on “vigorate your day to day life with yogic practice (english)” TLC Ramanujan College University of Delhi : two weeks. (March 01 – March 15, 2022.)</p>

	<p>4. Interdisciplinary Refresher Course in “advanced research methodology” TLC Ramanujan College University of Delhi in collaboration with Shiromani Gurdwara Prabandhak Committee's Guru nanak khalsa college of arts, science & commerce (autonomous) Matunga (East) – Mumbai, : Two weeks. (from 22 April – 06 May 2023).</p>
<p>Faculty Improvement Programmes</p>	<ol style="list-style-type: none"> 1. Faculty Development Programme, “ Managing Online Classes and Co-creating MOOCS: 2.0” TLC Ramanujan College University of Delhi : two weeks. (May 18 – June 03, 2020.) 2. International Virtual Faculty Development Programme On Ethics In Research And Teaching, Govt. College for Women, Parade Ground, Jammu, India, Govt. College Dhami, 16 Mile Shimla, Himachal Pradesh, India, Cape Comorin Trust, India. : one week. (April 21-27 2021.) 3. Faculty Development Programme, Developing Online Course for SAWAYAM, Utrakhand Open University Haldwani. Two Weeks. (June 21 – July 05, 2021.) 4. International Virtual Faculty Development Program on “Enhancing Research and Writing” organised by Research and Development Cell, AVP College of Arts and Science, Tiruppur, Tamil Nadu, India in collaboration with Cape Comorin Trust, India from 07.02.2022 to 13.02.2022 February 2022. 5. International Virtual Faculty Development Program on “Tools and Techniques in Research” Organised by the Govt. Degree College Tangmarg, Jammu and Kashmir, India in collaboration with Cape Comorin Trust, India from 05-12 December 2022.