


Dr. Yashwant Shandil	
 <p>Contact Info: Mobile No.: 94183-54712 E-mail ID: yash.shandil@gmail.com</p>	Assistant Professor Department of Chemistry
	Educational Qualifications: M. Sc., M. Phil., Ph. D., UGC-NET
	Teaching Experience: 7 Years Areas of Interest: Teaching: Organic and Polymer Chemistry Research: Multifunctional Polymers, Waste Water Treatment, Antimicrobial Polymers
Subjects taught: Inorganic, Organic, Physical and Polymer Chemistry	
A. Research Publications: <ol style="list-style-type: none"> 1. Tailoring effect of alkyl chain length and counter anion on antimicrobial behavior of 4-vinyl pyridine based cationic polymers, <i>Anti-Infective Agents</i> 13 (2015) 78-86. 2. Antimicrobial properties of bioinspired poly(4-vinyl-2-pyridone) and its N-alkylated cationic derivatives, <i>Polym. Int.</i> 66 (2017) 119–125. 3. New modified poly (vinylamine)-gels as selective and efficient Hg²⁺ ions adsorbents, <i>Chemical Engineering Journal</i> 316 (2017) 978–987. 4. New crosslinked hydrazide-based polymers as Cr(VI) ions adsorbents, <i>Journal of Environmental Chemical Engineering</i> 5 (2017) 5815–5826. 5. New glucosamine Schiff base grafted poly(acrylic acid) as efficient Cu²⁺ ions adsorbent and antimicrobial agent, <i>Journal of Environmental Chemical Engineering</i> 6 (2018) 5970–5979. 6. New crosslinked poly(ionic liquids) networks as As(V) extractants, <i>Journal of Environmental Chemical Engineering</i> 7 (2019) 103154. 7. New efficient poly (acrylic acid)-based bifunctional Cu²⁺ ions adsorbents, <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> 635 (2022) 128090. 8. Structural-property relationship in poly (vinyl aniline-co-maleic anhydride) for effective Hg²⁺ ions adsorption, <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> 681 (2024) 132836. 	
B. Chapters Published in the Books: <ol style="list-style-type: none"> 1. Pesticide chemistry & pharmaceutical chemistry, A text book of Skill Enhancement Course in UG-B. Sc. Final year of H.P.U. 	
C. Paper Presented in Conferences: <ol style="list-style-type: none"> 1. National Conference on ‘Organic Molecules as Synthons & Reagents for Innovations’ (OMSRI-2019) held at IIT Roorkee during February 08-10, 2019. 2. Presented paper entitled “Bio-analogous poly(4-vinyl-2-pyridone) as Flocculant for Cr(VI) Ions in Aqueous Medium” in International Conference on ‘Emerging Scenario of Science, Technology and Innovation’ (ESSTI-2023) held at Career Point University, Hamirpur (H.P.) 	

India during 24th-25th February, 2023.

3. Presented paper entitled “Limestone Mining and Mountain Ecology: Impacts and Solutions” in International Conference on ‘Development in Mountains: Issues, Challenges and Solutions’ held at Govt. Degree College Darlaghat, District-Solan(H.P.) India on 11th-12th December, 2023.

D. Professional Developments:

1. Attended in service two-week Induction Program at SCERT, Solan (H.P.) w.e.f. 14-05-2018 to 26-05-2018.
2. Participated in one-week Faculty Development Program on ‘Financial Administration’ held at RGGDC, ChauraMaidan, Shimla-04 from 15th - 20th February, 2021.
3. Attended one-week International Faculty Development Program on ‘Ethics in Teaching and Research’ in virtual mode from 19th-26th May, 2020.
4. Completed two-week online Interdisciplinary Refresher Course on ‘Digital Tools in Higher Education’ from 17th – 30th August, 2021 with A+ Grade .
4. One-week International Virtual Faculty Development Program on ‘Crafts of the Research and Publication’ from 25th – 31st August, 2022.
5. Completed four-week Orientation Program for ‘Faculties in Universities/Colleges/Institutes of Higher Education’ from 21st November – 20th December, 2022 with Grade A+.