


## CV

Full Name	Dr. JASPAL SINGH CHAUHAN			
Designation	Assistant Professor			
Department	Department of Himalayan Aquatic Biodiversity			
School	Life science			
Campus	Srinagar			
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Examinations /Degree	Year	Subjects	Board/ University	
M.Sc.	2006	Environmental Sciences	G. B. Pant University of Agril. & Tech., Pantnagar	
Ph.D	2010	Environmental Sciences	G. B. Pant University of Agril. & Tech., Pantnagar	
Additional Qualification				
		UGC-NET and ARS- NET		
Teaching/ Research Experience		14 years		
Research Interest and Fields of Specialization		Microplastic pollution, Freshwater Ecology, Aquatic Biodiversity, water pollution and climate change		
Awards		NESA Environmentalist of the year-2020. Dr. M.A. Haniffa Award (For Best paper presentation)-2022		
Research Projects		<ol style="list-style-type: none"><li>1. UGC Start up grant for Faculty Development Program</li><li>2. UCOST project on Investigation of Microplastics in the drinking water treatment plant and its distribution system at Srinagar, Garhwal, Uttarakhand.</li></ol>		
<b>PUBLICATIONS (Best publications)</b>				

### **Best publication**

1. V Bhatt, **JS Chauhan**. (2023). Fate of Microplastic in Freshwater Ecosystem: Bioaccumulation, Trophic Transfer and Biomagnification. *Environmental Science and Pollution Research* volume 30, pages9389–9400 (**IF-5.1**)
2. Pandey, D., Banerjee, T., Badola, N. . **Chauhan J.S. 2022**. Evidences of microplastics in aerosols and street dust: a case study of Varanasi City, India. *Environmental Science and Pollution Research* 29 (54), 82006-82013.**IF-5.1**
3. Badola, N., Bahuguna, A., Sasson, Y. **Chauhan J.S. 2022**. Microplastics removal strategies: A step toward finding the solution. *Front. Environ. Sci. Eng.* **16**, 7. **IF 6.048**.
4. **Chauhan, J.S.**, Semwal, D., Nainwal, M. Thapliyal, P. 2021. Investigation of microplastic pollution in river Alaknanda stretch of Uttarakhand. *Environ Dev Sustain* **23**, 16819–16833. **IF 3.219**
5. Bhandari, M.S., Shankhwar, R., Meena, R.K. Pandey S, Rama Kant, Santan Barthwal, Harish S Ginwal, **Chauhan J.S.** 2021.Past and future distribution pattern of *Myrica esculenta* in response to climate change scenario. *Model. Earth Syst. Environ.* **7**, 1831–1846.
6. **Chauhan, J.S.**, Kumar, S. Wastewater ferti-irrigation: an eco-technology for sustainable agriculture. *Sustain. Water Resour. Manag.* **6**, 31 (2020).
7. **Chauhan, J.S.**, Badwal, T. & Badola, N. Assessment of potability of spring water and its health implication in a hilly village of Uttarakhand, India. *Appl Water Sci* **10**, 73 (2020). **IF 3.874**
8. **Chauhan, J.S. Alok S. Gautam, R.S. Negi** 2018.Natural and Anthropogenic Impacts on Forest Structure: A Case Study of Uttarakhand State. *The Open Environmental Research Journal(Formerly: The Open Ecology Journal)* ISSN: 2590-2776 — Volume 15,,pp38-46.
9. G Kotnala, S Dobhal, **JS Chauhan**. 2016. Monitoring the self-purification capacity of the River Alaknanda stretch at Srinagar, Uttarakhand, India. *International Journal of River Basin Management* 14 (4), 491-498
10. B Singh, **JS Chauhan**, A Mohan. 2012. A construction of water quality index considering physicochemical properties for drinking purposes in a rural settlement: a case study of Gajraula region, Ganga River Basin. *Water Science and Technology: Water Supply* 12 (6), 818-828.**IF1.275**
11. **JS Chauhan**, JPN Rai. 2010.Reuse of distillery wastewater with designed dose and

pattern for sugarcane irrigation. CLEAN–Soil, Air, Water 40 (8), 838-843. **IF 2.404**

12. **J.S. Chauhan**, JPN Rai 2010. Monitoring of Impact of Ferti-irrigation by Post-methanated Distillery Effluent on Groundwater Quality. Clean–Soil, Air, Water 38 (7), 630-638. **IF2.404**

13. **JS Chauhan**, JPN Rai. 2009. Phytoextraction of soil cadmium and zinc by microbes-inoculated Indian mustard (*Brassica juncea*). Journal of Plant Interactions 4 (4), 279-287