

Name of Faculty: Sunil Kumar  
 Designation: Assistant Professor  
 Department: Environmental Sciences  
 Institute/University: M.D.U Rohtak  
 Date of Birth: 09/01/1977  
 Gender: Male



#### Educational Qualifications

Degree	Year of Passing	University/Institute	Field of Study
Ph.D	2012	M.D.U Rohtak	Study on Environmental Status of Bhindawas Wetland
PG	2001	G.J.U.S&T Hisar	Spectral analysis of Noise Pollution in Hisar city
UG	1998	M.D.U Rohtak	
M.Tech	2003	G.J.U.S&T Hisar	Defluoridation by Low cost Adsorbents

#### Career Profile

Designation	Institution Served	Duration	
		From	To
Assistant Professor	Deptt. of Environmental Sciences	15-01-2009	Till date
Scientific Assistant	Central Pollution Control Board (CPCB)	10-07- 2008	14-01-2009

Analyst A	Shri Ram Institute for Industrial Research	20-10-2005	09-07- 2008
Guest faculty	Janta Vidya Mandir Ganpat Rai Rasiwasia College, Charkhi Dadri	01-07- 2004	19-10- 2005

#### Training

Session	Title of Programm	Duration	
		From	to
2015-16	National Level Winter School Training Programme in Geospatial Technologies organised by Deptt. of Geography, M.D.U Rohtak	08/12/2015	28/12/2015

#### Projects Undertaken

Title of the Project	Duration	Funding Agency	Status	
			Completed	Progress
Assessment of Environmental status of Bhindawas Wetland, Haryana	2 years	UGC	Completed Date: 01/02/2010 to 01/02/2012	

#### List of Publication in the peer review Journal of impact factor 1 and above

1. Yadav, J. P., Lata S and **Kumar S**. Fluoride distribution in underground drinking water sources of Jhajjar district, Haryana, India. *Environment Geochemistry and Health*. (2008) 31 (4): 431-438. I.F=1.67
2. Panghal M, Arya V, Yadav S, **Kumar S**, Yadav J.P. Indigenous Knowledge of Medicinal plants used by Saperas Community of Khetawas Jhajjar District, Haryana. *India. J. Ethnobiology and Ethnomedicine* 2010, 6:4. [www.ethnobiomed.com](http://www.ethnobiomed.com) I.F=2.4

#### Research Papers

**Published in Refereed/Peer reviewed Journals**

Title of Paper	Authors	Reference of Journal	Year of Publication
Pollution and dental fluorosis in Matanhail block of Jhajjar District, Haryana, India.	Yadav, J. P., Lata S. and <b>Kumar S.</b>	<i>Intl. J. of Med. Toxicol. &amp; Legal Medicine.</i> 6 (1): 37-42.	2003
Fluoride removal by mixtures of activated carbon prepared from Neem ( <i>Azadirachta indica</i> ) and Kikar ( <i>Acacia arabica</i> ) leaves.	<b>Kumar, S.</b> , Gupta, A. and Yadav, J. P.	<i>Ind. J. Chemical Technology</i> , 14: 355-361.	2007
Removal of fluoride by thermally activated carbon prepared from neem ( <i>Azadirachta indica</i> ) and kikar ( <i>Acacia arabica</i> ) leaves.	<b>Kumar, Sunil</b> ; Gupta, A. and Yadav, J.P.	<i>J. Environ. Biol.</i> 29(2):227-232	2008
Fluoride distribution in underground drinking water sources of Jhajjar district, Haryana, India.	Yadav, J. P., Lata S. and <b>Kumar S.</b>	<i>Environment Geochemistry and Health.</i> 31:431-438. Published online DOI 10.1007/s10653-008-9196-3.	2008
Indigenous Knowledge of Medicinal plants used by Saperas Community of Khetawas Jhajjat District, Hayana,	Panghal M., Arya V., Yadav S., <b>Kumar S</b> , Yadav J.P.	<i>J. Ethnobiology and Ethnomedicine</i> , 6:4.	2010
Trophic State Index and Assessment of Water Quality for Domestic and Agriculture Purpose of Bhindawas Wetland, Jhajjar, Haryana (India).	<b>Kumar S.</b> and Dhankhar R.	<i>Annals of Biology</i> , 28(2): 144-151.	2012
Isonymic Electrophoretic Patterns of <i>Salvadora persica</i> .	Saini S., Yadav J.P. and <b>Kumar S.</b>	<i>Biojournal</i> , 8 (1): 70-75.	2013

Ground water suitability for domestic and irrigation purpose at villages of Meham block, ohtak, India.	Amarjeet, Kumar S., Arya S.S. and <b>Kumar S.</b>	<i>International Journal of Research</i> , 2(2):666-680.	2015
Effect of salinity on plant water status, solute accumulation and distribution in wheat ( <i>Triticum aestivum</i> L.) genotypes.	Meenakshi, Anuradha, Shashi, Dhankar S., Kanupriya, Kumar S. and Arya S.S.	<i>International Journal of Research</i> , 2(3):96-109.	2015
Variation in physico-chemical characteristics of water quality of Bhindawas Wetland, Jhajjar, Haryana (India).	<b>Kumar S.</b> and Dhankhar R.	Research Journal Chemical Science , (7):29-34.	2015
Monitoring of Noise Levels at Various Sites during Winter Season at Bhindawas Wetland, Haryana, India.	<b>Kumar S.</b> and Dhankhar R.	Current World Environment , 10(3): 807-812.	2015
Economic value assessment of Bhindawas wetland, Jhajjar Haryana (India).	<b>Kumar S.</b> and Dhankhar R.	Indian Journal of Environmental Sciences , 19(1&2):5-10.	2015
Assessment of floristic and avian faunal diversity of Bhindawas wetland, Jhajjar Haryana (India).	<b>Kumar S.</b> and Dhankhar R.	Plant Archives , 15(2): 733-740	2015
Ground water quality assessment of rural habitation at Meham block, Rohtak, Haryana (India): Focused on fluoride and nitrate.	Amarjeet, Poonam, Kumar S and <b>Kumar S.</b>	International Journal of Pharma and Bio Sciences, 7(2): (B) 568-574.	2016
Relationship between water, urine and serum fluoride and fluorosis in school children of Jhajjar District, Haryana, India.	<b>Kumar S.</b> Lata S., Yadav J. and Yadav J. P.	Applied Water Science, DIO 10.1007/s 13201-016-0492-2.	2017

Analysis of water, sediment quality and total metals accumulation in aquatic vegetation at Bhindawas wetland, Jhajjar Haryana, India.	<b>Kumar S.</b> , Dhankhar R. And Singh S.	Plant Archives, 17(2): 1139-1145	2017
---	--	----------------------------------	------

International: 11

National: 5

### Book Chapter

Kumar S. (2017). Air Pollution Monitoring, Modeling and Control. In B.R Gurjar and P. Kumar (Ed). Environmental Science and Engineering Vol.3: Air and Noise Pollution (pp 1-31) Studium Press LLC. ISBN 1-62699-091-3

### Published in Conferences/Seminar Proceedings

- 1 **Kumar S.**, Kumar K. and Bishnoi M. Spectral Distribution of noise level at various traffic sites of Hisar city, Haryana. Proceeding of National Seminar on Environmental Challenges:Sustainable Development p. 185-191:2010, organized by Department of Environmental Sc. M D U Rohtak.
2. **Kumar, S.** and Gupta, A. Defluoridation by thermally activated carbon prepared from Neem Removal of fluoride by thermally activated carbon prepared from neem (*Azadirachta indica*) and kikar (*Acacia arabica*) leaves through column process. Proceeding of National Conference on Multidisciplinary Approach in Frontier Area of Environmental Science and Engineering. p. 236-234: 2011 organized by Department of Environmental Sc. & Engg G.J.U.S.& T Hisar on 3-4 March.
3. Kumar S. and **Kumar S.**, Constructed wetlands an alternative technology for wastewater treatment: A Review: In Proceeding of National Seminar on Next Generation Sciences: Vision 2020 and Beyond. P. 377-389:2014. Organized by Department of Zoology, M.D.U. Rohtak on March 08, 2014.
4. **Kumar S.**, Fluoride problems and its health effects: A Review: In Proceeding of National Seminar on Next Generation Sciences: Vision 2020 and Beyond. P. 464-475:2014. Organized by Department of Zoology, M.D.U. Rohtak on March 08, 2014.

