



Shivaji College Faculty Details Proforma

Title		First Name		Last Name		Photograph
Dr		Ashwani		Sharma		
Designation	Assistant Professor					
Address	Department of Environmental Studies Shivaji College (University of Delhi) Ring Road, Near Raja Garden New Delhi 110027					
Office Phone No.	--					
Residence	144/C-13, Sec-3, Rohini, Delhi-110085					
Mobile	+91-9871-377-211					
Email	ashwani.envis[at]gmail.com					
Web-Page	--					
Educational Qualifications						
Degree	University/Institute				Year	
Ph.D.	Jawaharlal Nehru University, New Delhi				2009	
PG	GGS Indraprastha University, Delhi				2003	
UG	University of Delhi, New Delhi				2001	
PG Diploma	National Law University Delhi				2013	
Career Profile						
<p>I am an Assistant Professor in the Department of Environmental Studies, Shivaji College (University of Delhi), New Delhi. Erstwhile, I was associated with the YMCA University of Science & Technology, Faridabad and Kurukshetra University, Kurukshetra, where I taught Environmental Studies. I have also, in the past, worked as a National Consultant with the Ministry of Environment, Forests, and Climate Change where I carried out, amongst other tasks the planning, monitoring, and evaluation of environmental projects funded by the GEF and the UNIDO. I also received research fellowships from the University Grants Commission. I have high interest in the field of environmental planning, policy and law.</p>						
Administrative Assignments						
<p>Member, Eco-Club Member, NSS Member, Discipline Committee Member, Canteen Committee</p>						
Areas of Interest/Specialisation						

Environmental Policy and Law

Hazardous Substances Management

Environmental Bioremediation

Subject Taught

AECC Environmental Studies

Innovation Project/Research Projects (Major Grants/Research Collaboration)

Environmental factors influencing consumer's choice of green products: a comparative study of Indian market

Co-Investigator, with Dr. Bhavna Sharma (PI, BPS Mahila Vishwavidyalaya)

Funding agency: University Grants Commission under major research project scheme, 2012-2016

Grant: INR 7,35,100/-

Publications Profile (Research Papers/Books)

Journal papers

Sharma, A. "Environmental management framework of persistent organic pollutants in India: existing scenario and prospects," *Management of Environmental Quality: An International Journal*, 2014, 25(6), 738-751 [ISSN 1477-7835]

Sharma, B., Sharma, A. & Rathee, V. "Exploring consumers' attitudes towards green products: an empirical study of Indian market," *JCD Journal of Business management and Research*, 2014, 1(1), 1-11 [ISSN 2348-909x]

Sharma, A. "Legally-binding Minamata Convention: a silver lining on mercury," *Economic & Political Weekly*, 2014, 49(21), 13-16 [ISSN 0012-9976]

Sharma, A. "Legally binding Minamata Convention on mercury: politics and science behind," *Current Science*, 2014, 106(8), 1063-1065 [ISSN 0011-3891]

Sharma, A. "Environmentally sound management of polychlorinated biphenyls in India," *Current Science*, 2014, 106(3), 358-359 [ISSN 0011-3891]

Sharma, A. "Stockholm Convention on persistent organic pollutants: challenges towards its implementation in India," *International Journal of Research in Environmental Science and Technology*, 2013, 3(4), 117-121 [ISSN 2249-9695]

Sharma, A., Thakur, I.S. & Dureja, P. "Enrichment, isolation and characterization of pentachlorophenol degrading bacterium *Acinetobacter* sp. ISTPCP-3 from effluent discharge site," *Biodegradation*, 2009, 20(5), 643-650 [ISSN 0923-9820 (print); 1572-9729 (online)]

Sharma, A. & Thakur, I.S. "Identification and characterization of integron mediated antibiotic resistance in pentachlorophenol degrading bacterium isolated from the chemostat," *Journal of Environmental Sciences*, 2009, 21(6), 858-864 [ISSN 1001-0742]

Sharma, A. & Thakur, I.S. "Characterization of pentachlorophenol degrading bacterial consortium from chemostat," *Bulletin of Environmental Contamination and Toxicology*, 2008, 81(1), 12-18 [ISSN 0007-4861 (print); 1432-0800 (online)]

Sharma, A., Thakur, I.S. & Sharma, A.K. "Enrichment and characterization of bacterial consortium isolated from tannery effluent for degradation of pentachlorophenol," *Indian*

Journal of Environmental Protection, 2008, 28(8), 721–727 [ISSN 0253-7141]

Sharma, A., Sharma, C. & Sharma, A.K. “Characteristics and management of municipal solid waste in National Capital Territory of Delhi, India,” *Indian Journal of Environmental Protection*, 2007, 27(10), 897–904 [ISSN 0253-7141]

Technical report

Sharma, A. “National implementation plan of the Stockholm Convention on persistent organic pollutants,” Ministry of Environment & Forests, Government of India, 2011, 241 p [Lead author]

Book

Sharma, A. “Text book of Environmental Studies,” (Under review-proposal submitted to publisher)

Sharma, A. “Bioremediation of chlorinated phenols in tannery effluent,” Lambert Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, 2011, 245 p [ISBN 978-3-8465-5678-8]

Book chapters

Thakur, I.S., Jaiswal, P. & Sharma, A. “Bioremediation and detoxification of dioxin-like compounds in food by-products by *Serratia marcescens*,” in *Current Topics on Bioprocesses in Food Industry* (Volume II), 2007, pp 91–101, edited by Athanasios Koutinas, Ashok Pandey and Christian Larroche, Asiatech Publishers, New Delhi [ISBN 97-88187-680178]

Sharma, A. & Thakur, I.S. “Pesticide industry,” in *Industrial Biotechnology: Problems and Remedies*, 2006, pp 183–212, IK International Pvt. Ltd, New Delhi [ISBN 81-88237-53-1]

Conference proceedings

Sharma, A. & Thakur, I.S. “Biological treatment of tannery wastewater for removal of chromium and pentachlorophenol in a sequential batch reactor,” in *Proceedings of Recent Advances in Waste Management*, 2009, pp 206–210, edited by RS Singh *et al.*, Varanasi, India [ISBN 978-81-920812-0-5]

Sharma, A., Sharma, C. & Thakur, I.S. “Biodegradation of 2,4,6-trichlorophenol by *Pseudomonas oleovorans* isolated from contaminated sediment,” in *Proceedings of Sixteenth National Symposium on Environment*, 2008, pp 411–416, edited by VD Puranik and VK Garg *et al.*, Hisar, India [ISBN 978-81-9065-185-1]

Editorial/ popular articles

Sharma, A. “Planet in peril: POPs!,” *Science Reporter*, 2014, 51(6), 37–40 [ISSN 0036-8512]

Sharma, A. “Multilateral environmental agreements and India,” *Employment News*, 2014, 38(51), 1, 72

Sharma, A. “Minamata Convention: a silver lining on mercury,” *Science Reporter*, 2014, 51(3), 18–21 [ISSN 0036-8512]

Sharma, A. “Impact of climate change on Indian agriculture,” *Green Pages* (online), 2008

Sharma, A. “Bioremediation as an emerging technology for the detoxification of obsolete pesticides,” *Green Pages* (online), 2008

Sharma, A. "The potential for biopesticides in India," *Green Hope*, 2006, 4(12), 43-46

Brochure/ leaflets

The new POPs, Ministry of Environment & Forests, Government of India, 2012

POPs, Ministry of Environment & Forests, Government of India, 2011

Miscellaneous

Course volume, "Institutional and legal Framework for the management of persistent organic pollutants in India," CPCB-CSIR-NGRI training programme on Measurement of POPs in environmental samples, 2014, pp 15-22

Conference/Seminar/Faculty Development Programme/Workshop

Sub-regional workshop on guidelines for updating of national implementation plans to address the newly listed persistent organic pollutants, National Environmental Engineering Research Institute (CSIR-NEERI), Nagpur, MH 18-21 June, 2012

National workshop on curriculum development for management studies, BPS Mahila Vishwavidyalaya, Sonipat, HR, 19-25 March, 2012

National workshop on research methodology for secondary data analysis and field work, BPS Mahila Vishwavidyalaya, Sonipat, HR, 12-18 March, 2012

Linking chemicals, climate change, carbon markets and energy management, United Nations Industrial Development Organization (UNIDO), Vienna, Austria, 11-13 October, 2010

Workshop on state of the art in alternative technologies for management and disposal of PCBs stockpiles and wastes, UNIDO, New Delhi, 23-27 August, 2010

Agrobacterium mediated gene transfer technology in plants, National Research Centre on Plant Biotechnology, Indian Agricultural Research Institute, New Delhi, January-June, 2003

Management of municipal solid waste, Division of Environmental Sciences, Indian Agricultural Research Institute, New Delhi, June-July, 2002

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

--

Awards and Distinctions

Represented India in the international professional development event, United Nations Industrial Development Organization, Vienna, Austria, October 2010

<http://www.unido.org/index.php?id=1002438>

Senior Research Fellowship, University Grants Commission, 2006-2009

<http://www.ugc.ac.in>

Junior Research Fellowship, University Grants Commission, 2004-2006

<http://www.ugc.ac.in/financialsupport/index.html>

National Eligibility Test for Lectureship/Assistant Professorship in professional subject environmental science, Agricultural Scientists Recruitment Board, Indian Council of Agricultural Research, 2004-2005

<http://asrb.icar.org.in>

National Educational Test for Lectureship/Assistant Professorship in environmental sciences, University Grants Commission, 2003–2004

<http://www.ugc.ac.in/inside/net.html>

Junior Research Fellowship and National Eligibility Test for Lectureship/Assistant Professorship in life sciences, Council of Scientific and Industrial Research, 2003–2004

<http://www.csirhrdg.res.in>

All India under top 5 ranking in entrance examination conducted by Jawaharlal Nehru University, New Delhi for admission towards Ph.D. programme of study, 2003

<http://admissions.jnu.ac.in/>

PG merit trust fellowship during masters' studies, 2001–2003

Memberships

**Biotech Research Society of India
Indian Science Congress**

Other Academic Activities

***Climate change and persistent organic pollutants: predicting the impacts*, 5th national conference on climate changes and environmental problems: reasons, consequences and remedies, Jan Nayak Ch Devi Lal Memorial College of Engineering, Sirsa, HR, 20–22 May, 2012**

***Stockholm Convention on POPs*, awareness programme, Ministry of Environment & Forests, Punjab State Council for Science and Technology, Chandigarh, PB, 25 February, 2011**

***Persistent organic pollutants*, awareness workshop, Ministry of Environment & Forests, Meghalaya State Vector Borne Disease Control Programme, Shillong, ML, 10 January, 2011**

***Harmful effects of POPs*, awareness programme, Ministry of Environment & Forests, Chief Inspectorate of Factories and Boilers, Government of Rajasthan, Udaipur, RJ, 25–26 December, 2010**

***PCBs and other industrial POPs*, awareness programme, Ministry of Environment & Forests, National Safety Council-Gujarat Chapter, Vapi, GJ, 10 December, 2010**

Cultural/Extracurricular Activities

--



[Dr Ashwani Sharma]