

NAME	Dr. Sohini Singh	
DESIGNATION	Assistant professor	
RESEARCH INTERESTS	My research interest lies in evaluating the therapeutic efficacy of antioxidants like Vitamin C, Vitamin E and many others on drug or heavy metal induced toxicity.	

EDUCATIONAL QUALIFICATIONS:

Name of College / University	Degree	Year
CCS University, Meerut	M.Sc.	2000
CCS University, Meerut	M.Phil	2002
CCS University, Meerut	Ph.D.	2006

Title of Ph.D. thesis: "Modulation of Arsenic Toxicity by L- Ascorbic Acid".

EXPERIENCE (in chronological order)

Designation	Type of post held (teaching/ research)	Name of the Institute	Year (From – To)
Lecturer	Teaching and Research	Toxicology Department, CCS University, Meerut	2004-2007
Lecturer	Teaching and Research	Toxicology Department, CCS University, Meerut	2007-2010
Assistant professor II	Teaching and Research	Toxicology Department, CCS University, Meerut	2010- Till date

No. of Ph.D. students supervised	Awarded: (no. only)
	Ongoing: (no. only) 1

PUBLICATIONS (4)	<ol style="list-style-type: none"> 1. Effect of alloxan induced diabetes on liver and kidney function in arsenic treated rats. (2006) Toxicology and Environment chemistry. 88, 673-682. http://www.tandfonline.com/doi/abs/10.1080/01442350600866936?journalCode=gtec20#.UwrlAuOSzp8 2. Amelioration of arsenic toxicity by L-Ascorbic acid in laboratory rat. (2007) Journal of Environmental Biology. 28(2), 377-384. http://www.jeb.co.in/journal_issues/200704_apr07_supp/paper_05.pdf 3. Protective effects of Ascorbic acid against oxidative stress induced by inorganic arsenic in liver and kidney of rat. (2007) Indian Journal of Experimental Biology. 45, 371-375. http://nopr.niscair.res.in/bitstream/123456789/5263/1/IJEB%2045(4)%20371-375.pdf 4. Ascorbic acid improves mitochondrial function in liver of
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	<p>arsenic-treated rat. Toxicol Ind Health June 2010 , 26, 265-272. http://tih.sagepub.com/content/26/5/265.short</p>
PATENTS (6)	<ol style="list-style-type: none"> 1. Time dependent adaptation of <i>Channa Punctatus</i> chromatophore against metal toxicity., 1479/DEL/2011 National (Filed) (Complete). 2. A formulation for Arsenic treatment, 2165/DEL/2011 National (Filed) (Complete). 3. Parasite Picking Gear, National 2268/DEL/2011 (Filed) (Complete). 4. Phytocontrol of root knot nematode, 3005/DEL/2011 National (Filed) (Complete). 5. Microscope slide for fixation, 3361/DEL/2011 National (Filed) (Complete). 6. Herbal Formulation using Sea Buckthorn leaves against Cadmium, 3541/DEL/2012 (National) (Filed) (Complete).
AWARDS & HONOURS/ DISTINCTIONS	<ol style="list-style-type: none"> 1. CSIR UGC NET JRF 2. GATE percentile score 98.68 3. Recipient of Gold Medal for 26th annual session of The Academy of Environmental Biology (2007).
MEMBERSHIP with Professional/ Academic bodies	<ol style="list-style-type: none"> 1. Member of American Society of Microbiology 2. Member STOX 3. Member Indian Science Congress Association. 4. Fellow and Associate, Academy of Sciences for Animal Welfare