


## Faculty Member Details

<b>Name:</b> Dr. Leela Kaur		
<b>Date of Birth:</b>	01/07/1983	
<b>Date of joining:</b>	09/06/2011	
<b>Present Position:</b>	Assistant Professor	
<b>Department:</b>	Environmental Science	
<b>Pay Scale + Grade Pay:</b>	15600-39100 (6000)	
<b>Mailing Address:</b>		
<b>Office:</b> Department of Environmental Science, Maharaja Ganga Singh University, Bikaner-334004		<b>Residence:</b> C-127/III/22, CAD Quarters, Near Hemu Kalani Circle, Sector-V, JNV Colony, Bikaner-334001
<b>Telephone No.:</b> +91-151-2212044 <b>Fax No.:</b> 0151-2212042		<b>Mobile No.:</b> 09799127166 <b>E-mail:</b> leela.kaur@gmail.com
<b>Qualifications:</b> M.Sc. (Environmental Science), Ph.D.		
<b>Specialization:</b> Phytoremediation of heavy metals		
<b>Research and Teaching Experience {Ph.D. ( 2006-2011) onwards }:</b> ( about 8 Years)		
<b>Research / Teaching experience</b>	<b>From</b>	<b>To</b>
Teaching M.Sc. Environmental Science at MGS University, Bikaner	June, 2011 onwards	

### **Research Projects and Grants: Nil**

### **Publications:**

#### **I. Books published:**

**A. Authored:** Nil

**B. Edited:** Nil

#### **II. Research Papers Published:**

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| <b>A. International Journals:</b> | <ol style="list-style-type: none"><li>1. Gadgil, K., Kaur, L., Sharma, S. Simulated studies on lead uptake by Lemna minor with varying lead concentrations in different alkaline range. Indian Journal of Environmental Protection 28 (11), 961-966 (2008).</li><li>2. Kaur, L., Gadgil, K., Sharma, S. Phytoaccumulation of nickel from contaminated water by duckweed (Lemna minor). Journal of Environmental Research and Development 3 (2), 388-394 (2008).</li><li>3. Kaur, L., Gadgil, K., Sharma, S. Lead uptake in acidic medium by Lemna minor. Asian Journal of Chemistry, 21 (8), 6468-6472 (2009).</li><li>4. Kaur, L., Gadgil, K., Sharma, S. Effect of pH and lead concentration on</li></ol> |
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	<p>phytoremoval of lead from lead contaminated water by Lemna minor. American-Eurasian Journal of Agriculture &amp; Environmental Sciences 7 (5), 542-550 (2010).</p> <p>5. Kaur, L., Gadgil, K., Sharma, S. Role of pH in the accumulation of lead and nickel by common duckweed (Lemna minor). International Journal of Bioassays 1 (12), 191-195 (2012).</p> <p>6. Kaur, L., Gadgil, K., Sharma, S. Comparative study of natural phytoextraction and induced phytoextraction of lead using mustard plant (Brassica juncea arawali). International Journal of Bioassays 2 (1), 352-359 (2013).</p> <p>7. Kaur, L., Gadgil, K., Sharma, S. Effect of pH on nickel removal by Lemna minor. The Journal of Solid Waste Technology and Management 39 (3), 190-196 (2013).</p>
<b>B. National Journals:</b>	Nil
<b>Visits Abroad:</b>	Nil
<b>Research Supervised - Ph.D./M.Phil. (Name of student and title):</b>	Nil
<b>Other activities:</b>	
<b>Seminars/ Conferences / Workshops (organized/attended)</b>	<p>1 Kaur, L., Gadgil, K., Sharma, S. Catalytic effect of acetic acid on lead uptake by Lemna minor. In: Proceedings of National workshop on Catalysis-Futuristic materials as catalysts &amp; adsorbents, 18-20 Feb., 2008, IMMT, Bhubaneswar, pp. 32-39.</p> <p>2 Kaur, L., Gadgil, K., Sharma, S. Phytoremediation using Lemna minor for the removal of lead from wastewater. In: Proceedings of 23<sup>rd</sup> International Conference on Solid Waste Technology &amp; Management, 30 March-2 April, 2008, Philadelphia, USA, pp. 1252-1267.</p> <p>3 Kaur, L., Gadgil, K., Sharma, S. Phytoremediation: An environment friendly technique for heavy metal removal. National Symposium on Contemporary Environmental Problems &amp; Biotechnological Applications in their Management, 7-8 March, 2008, SES, JNU, New Delhi, pp. 37.</p> <p>4 Kaur, L., Gadgil, K., Sharma, S. Phytoaccumulation of nickel from contaminated water by duckweed (Lemna minor). Abstract ICER 2008, International Congress of Environmental Research, BITS-Pilani (Goa campus), Goa (India), 18-20 Dec., 2008, pp. 350.</p> <p>5 Kaur, L., Gadgil, K., Sharma, S. Phytoremediation in waste management. National Seminar on Climate change issues and mitigation properties, 28 Feb-2 March, 2009, Bhubaneswar (Orissa).</p> <p>6 Kaur, L., Gadgil, K., Sharma, S. Various phytoremediation mechanisms for heavy metal removal. In: Abstracts of International Conference on Nurturing Arid Zones for People and the Environment: Issues and Agenda for the 21st Century, 24-28 November, 2009, CAZRI, Jodhpur (India), pp. 295.</p> <p>7 Kaur, L., Gadgil, K., Sharma, S. Effect of chelants in removal of lead and nickel from contaminated water by duckweed phytoremediation. In: ICAER 2011 abstracts. International conference on Advances in Ecological Research, 19-21 December, 2011, Maharaja Ganga Singh University, Bikaner (Rajasthan), India, pp. 107.</p> <p>8 Kaur, L. Communicative skill approaches in language teaching. In: Souvenir. National symposium on interrogating new worlds of English language teaching, 24-25 February, 2012, Maharaja Ganga Singh University, Bikaner (Rajasthan), India, pp. 31.</p> <p>9 Kaur, L. Addressing the needs of higher education: Does standardization work? National Conference on "Reshaping India's higher education landscape for the</p>

	<p>global environment”, 6 Nov., 2012, Govt. College of Engineering and Technology, Bikaner.</p> <p>10 Kaur, L. Impact of climate change on human health. In: Abstract. Rajasthan Conclave-2, 21-23 September, 2014, Desert Medicine Research Centre, Jodhpur (Rajasthan).</p>
<b>Membership</b>	<ol style="list-style-type: none"> <li>1) Life Member of National Environmental Science Academy (NESA), New Delhi.</li> <li>2) Life member of Society for Microvita Research and Integrated Medicine (SMRIM), Udaipur (Rajasthan).</li> <li>3) Member-Advisory Board, International Journal of Bioassays.</li> <li>4) Member-Advisory Board, International Journal of Chemical and Life Sciences.</li> </ol>
<b>Awards</b>	<ol style="list-style-type: none"> <li>1) Qualified two times the <b>UGC</b> (University Grants Commission, New Delhi) - <b>JRF</b> (Junior Research Fellowship) and <b>NET</b> (National Eligibility Test) for Lectureship in the subject <b>Environmental Sciences</b> conducted at all India level by <i>National Educational Testing Bureau</i> in June 2005 and December 2005.</li> <li>2) Scholarship received <b>UGC - SRF</b> (Senior Research Fellowship) in July 2008.</li> </ol>
<b>Others</b>	<p><b>TRAINING, WORKSHOP &amp; SPECIAL COURSES ATTENDED</b></p> <ul style="list-style-type: none"> <li>• Passed “Orientation course” with A+ grade held from 21 January-16 February, 2013 at Academic Staff College, Jai Narain Vyas University, Jodhpur (Rajasthan).</li> <li>• Participated in National workshop cum seminar on “Indian energy scenario &amp; energy security” organized by IIT Delhi on 22 January, 2008.</li> <li>• Participated in Training program on “Water Management” organized by Central Ground Water Board, New Delhi from 30-31 March, 2008.</li> <li>• Participated in Hands-on Training program on “S-30 Cambridge Scanning Electron Microscope system” organized by IIT Delhi from 17-18 June, 2008.</li> <li>• Participated in Training program on “Sustainable Solid Waste Management” organized by National Productivity Council, New Delhi from 26-27 August, 2009.</li> <li>• Passed “NIDM-WBI Comprehensive Disaster Risk Management Framework” web-based course organized by the World Bank Institute &amp; National Institute of Disaster Management, New Delhi from 04 March-12 April, 2008.</li> <li>• Passed “French (Basic-level I)” short term course under continuing education programme held from August-November, 2008 in IIT Delhi.</li> <li>• Participated &amp; completed the training program “Communication Connoisseur” with A+ grade by Harding University of Business &amp; Swash, Jodhpur from May-June, 2004.</li> </ul>