


Faculty Member Details

Name: Dr. Leela Kaur		
Date of Birth:	01/07/1983	
Date of joining:	09/06/2011	
Present Position:	Assistant Professor	
Department:	Environmental Science	
Pay Scale + Grade Pay:	15600-39100 (6000)	

Mailing Address:

Office: Department of Environmental Science, Academic Block I, Maharaja Ganga Singh University, Bikaner-334004

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Qualifications: M.Sc. (Environmental Science) J.N.U. New Delhi 2005
Ph.D. I.I.T. Delhi 2011
N.E.T. U.G.C. New Delhi 2005
J.R.F. and S.R.F U.G.C. New Delhi 2006 to 2010

Specialization: Water chemistry, Environmental Pollution, Environmental toxicology, Phytoremediation of heavy metals

Research and Teaching Experience {Ph.D. onwards }:

Research / Teaching experience	From	To
Teaching M.Sc. Environmental Science at M.G.S. University, Bikaner	June, 2011 onwards	
Registered as Research Supervisor at M.G.S. University, Bikaner	20/09/2016 onwards	

Publications:

I. Research Papers Published:

A. International Journals:	<ul style="list-style-type: none"> ➤ 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). ➤ 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). ➤ Kaur, L., Gadgil, K., Sharma, S. Lead uptake in acidic medium by Lemna minor. Asian Journal of Chemistry, 21 (8), 6468-6472 (2009). ➤ Kaur, L., Gadgil, K., Sharma, S. Effect of pH and lead concentration on phytoremoval of lead from lead contaminated water by Lemna minor. American-Eurasian Journal of Agriculture & Environmental Sciences 7 (5),
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	<p>542-550 (2010).</p> <ul style="list-style-type: none"> ➤ Kaur, L., Gadgil, K., Sharma, S. Role of pH in the accumulation of lead and nickel by common duckweed (<i>Lemna minor</i>). <i>International Journal of Bioassays</i> 1 (12), 191-195 (2012). ➤ Kaur, L., Gadgil, K., Sharma, S. Comparative study of natural phytoextraction and induced phytoextraction of lead using mustard plant (<i>Brassica juncea arawali</i>). <i>International Journal of Bioassays</i> 2 (1), 352-359 (2013). ➤ Kaur, L., Gadgil, K., Sharma, S. Effect of pH on nickel removal by <i>Lemna minor</i>. <i>The Journal of Solid Waste Technology and Management</i> 39 (3), 190-196 (2013). ➤ Kaur, L., Gadgil, K., Sharma, S. Assessment of phytoextraction potential of fenugreek (<i>Trigonella foenum-graecum</i> L.) to remove heavy metals (Pb and Ni) from contaminated soil. <i>Journal of Chemical Health Risks</i> 5 (1), 1-14 (2015). ➤ Kaur, L., Gadgil, K., Sharma, S. Comparative evaluation of salicylic acid and EDTA chelant induced phytoremediation of lead and nickel using <i>Lemna minor</i> L. <i>Tropical Plant Research</i> 2 (3), 264-270 (2015). ➤ Kaur, L., Gadgil, K., Sharma, S. Phytoextraction based on Indian Mustard (<i>Brassica juncea arawali</i>) planted on spiked soil by aliquot amount of lead and nickel. <i>International Journal of Environmental Quality</i> 17, 13-23 (2015). ➤ Kaur, L. Traditional knowledge of indigenous communities of Rajasthan and environment (A short review). <i>Journal of Biodiversity and Ecological Sciences</i> 5 (1), 1-7 (2015). ➤ Kaur, L., Ramanathan, A.L. Assessment of Major Ion Chemistry in Ground Water and Surface Water of Kailana Lake Area of Jodhpur (Rajasthan). <i>Journal of Water Resource Engineering and Management</i> 3(2), 42-56 (2016). ➤ Kaur, L. Tolerance and accumulation of lead by fenugreek. <i>Journal of Agriculture and Ecology</i> (ISSN 2456-9410) 1, 22-34 (2016). ➤ Kaur, L. Morphological and biochemical response of <i>Trigonella foenumgraceum</i> L. to lead and nickel phytoaccumulation. <i>Energy, Environment and health conservation Journal</i> 1(1), 3-12 (2017). ➤ Kaur, L. Chipko movement (1730 AD): The pioneer of environmental movement. <i>ABHILEKH</i> (ISSN: 2348-8115) 4, 162-166 (2017). ➤ Kaur, L., Gadgil, K., Sharma, S. Lead and nickel accumulation in <i>Brassica juncea arawali</i> growing in contaminated soil. <i>Journal of Chemical Health Risks</i> 8 (2), 157-175 (2018). ➤ Kaur, L. Accumulation potential of Indian mustard (<i>Brassica juncea</i> var. <i>arawali</i>) and fenugreek (<i>Trigonella foenum-graecum</i> L.) planted on Lead and Nickel contaminated soil. <i>Tropical Plant Research</i> 5 (2), 217-223 (2018). ➤ Kaur, L., Gadgil, K., Sharma, S. Response of Indian mustard (<i>Brassica juncea arawali</i>) plants under nickel stress with special reference to nickel phytoextraction potential. <i>International Journal of Environmental Quality</i> 34, 17-33 (2019). ➤ Kaur, L., Gadgil, K., Sharma, S. Effects of Lead and Nickel phytoextraction on the nutrient elements accumulation in shoot biomass of Indian mustard (<i>Brassica juncea</i>). <i>International Journal of Environmental and Technological Sciences</i> 7, 239-243 (2019). ➤ Kaur, L., Srivastava, A., Godara, P. Impact of mining activities on surface water and ground water of Naal Area, Bikaner (Rajasthan). <i>Indian Journal of Environmental Protection</i>, 40 (10), 1073-1076 (2020). ➤ Kaur, L., and Kanwar, N. Duckweed: A model for phytoremediation technology. <i>The Holistic Approach to Environment</i> (Accepted).
B. Book/Book Chapters:	<ul style="list-style-type: none"> ➤ Kaur, L. (2013). Role of nomadic tribes in environmental conservation. In Shrimali, C.N., Joshi, R., Purohit, R. (Eds.), <i>Ghumantu Janjati Jeevan</i>. Paper

	<p>presented at Ghumantu janjatiyaon ka Itihaas avm paramparayien, Bikaner, 24-25 December 2012 (pp. 95-104). Bikaner: Chakri Prakashan (ISBN: 81-902922-7-7).</p> <ul style="list-style-type: none"> ➤ Kaur, L. (2017). Status of environmental education and environmental awareness in India. In: Barbar, S.K., Jhala, L.S., Maheshwari, K. (Eds.), Urbanization and environment: Issues and challenges, pp. 72-75, Himanshu Publications Udaipur (ISBN: 978-81-7906-634-8). ➤ Kaur, L. (2020). Role of Phytoremediation strategies in removal of heavy metals. In: Kumar M., Snow, D.D., Honda, R. (Eds.), Emerging Issues in the Water Environment during Anthropocene: A South East Asian Perspective, pp. 223-259, Springer Singapore (ISBN: 978-981-329-770-8). ➤ Kaur, L. (2020) महिलाओं की पर्यावरण प्रबंधन में भूमिका. In: Sharma, M., Sharma, S., Varma, S. (Eds.), युग युगीन नारी (इतिहास, साहित्य और संस्कृति के आइने में). pp. 90-93, Vikash prakashan, Bikaner (Rajasthan) (ISBN: 978-93-80917-57-3).
<p>C. Proceedings</p>	<ul style="list-style-type: none"> ➤ Kaur, L., Gadgil, K., Sharma, S. Phytoremediation using <i>Lemna minor</i> for the removal of lead from wastewater. In: Proceedings of 23rd International Conference on Solid Waste Technology & Management, 30 March-2 April, 2008, Philadelphia, USA, pp. 1252-1267, ISSN: 1091-8043. ➤ Kaur, L., Gadgil, K., Sharma, S. Catalytic effect of acetic acid on lead uptake by <i>Lemna minor</i>. In: Proceedings of National workshop on Catalysis-Futuristic materials as catalysts & adsorbents, 18-20 Feb., 2008, IMMT, Bhubaneswar, pp. 32-39.
<p>D. Newsletter</p>	<ul style="list-style-type: none"> ➤ Kaur, L., Gadgil, K., Sharma, S. Application of Phytoremediation in Environmental Management. Energy-Environment Newsletter July 2008-December 2009. Centre for Energy Studies (CES), Indian Institute of Technology Delhi, pp. 7-8. ➤ Kaur, L. Sustainable River Basin. National Environmental Science Academy Newsletter, 19 (4-5), pp. 2-4, 2016. ➤ Kaur, L. Women: The key of Nature's Sustainability. National Environmental Science Academy Newsletter, 21 (6-7), pp. 11, 2018.
<p>Research Supervised – Ph.D./M.Sc. (Name of student and title):</p>	<p>PhD Students Registered:</p> <ul style="list-style-type: none"> ➤ Prem Godara (2018). Thesis Title: Study of groundwater quality of Bikaner city (Rajasthan) with special reference to geogenic contamination <p>M.Sc. Dissertations:</p> <ul style="list-style-type: none"> ➤ Akshansh Srivastava (2016). Thesis title: Impact of mining activities on surface water and ground water of Naal area, Bikaner (Rajasthan) ➤ Shivani Rajpurohit (2017). Thesis title: Study of waste management practices in Bikaner city (Rajasthan) ➤ Sonu Bala (2018). Thesis title: Comparative study of physicochemical parameters of ground water and surface water of Rawatsar village, Hanumangarh (Rajasthan) ➤ Kishan Gopal Suthar (2018). Thesis title: Impact of mining activities on the socio-economic status and water quality of Kolayat mining area, Bikaner (Rajasthan)

	<ul style="list-style-type: none"> ➤ Wasim Akram (2018). Thesis title: Air pollution tolerance index of plants A comparative study, Bikaner, Rajasthan ➤ Anuradha (2019). Thesis title: A study on Air Pollution Tolerance Index (APTI) of selected plant species grown on National Highways in Bikaner city (Rajasthan) ➤ Arti Ojha (2019). Thesis title: Dust accumulation capacity and its effect on chlorophyll content of plant species grown along roadside of National Highways 11 and 89 in Bikaner (Rajasthan) ➤ Nupur Kanwar (2020). Duckweed: A model for phytoremediation technology. ➤ Sena Gila (2020). Impact of climate change on water resources. ➤ Arti Mehra (2020). Impact of Covid-19 on human health and environment: A mini review. ➤ Banwarilal (2020). A case study on public awareness of air pollution in Bikaner, Rajasthan. <p>P.G. Diploma in Geoinformatics and Remote Sensing (PGDGRS) Dissertations:</p> <ul style="list-style-type: none"> ➤ Neha Joshi (2020). Thesis title: Mapping of spatial distribution of Covid-19 Pandemic of India by using Geographic Information System. ➤ Seema Acharya (2020). Thesis title: Study of silica sand beneficiation plant Kolayat, Bikaner by using Geographic Information System. ➤ Ravi Purohit (2020). Thesis title: Study of silica sand beneficiation plant Kolayat, Bikaner by using Geographic Information System.
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Other activities:

<p>Seminars/ Conferences / Workshops (organized/attended)</p>	<p>Seminar Organized:</p> <ul style="list-style-type: none"> ➤ Organized a National Seminar on “Current Trends in Environmental Research” from 28 February - 2 March, 2015 at Department of Environmental Science, Maharaja Ganga Singh University, Bikaner (Rajasthan), India as Organizing Secretary. ➤ Organized a National Seminar on “Environmental Management and Technology” from 8-9 March, 2017 at Department of Environmental Science, Maharaja Ganga Singh University, Bikaner (Rajasthan), India as Organizing Secretary. ➤ Organized a national Webinar on “Career Guidance” on 16 February, 2021 at Career Counselling and Placement Cell, Maharaja Ganga Singh University, Bikaner (Rajasthan), India as Organizing Secretary. ➤ Organized a national E-Workshop on “Employability Training Program” on 20 February, 2021 at Career Counselling and Placement Cell, Maharaja Ganga Singh University, Bikaner (Rajasthan), India as Convener. <p>Conference Attended:</p> <ul style="list-style-type: none"> ➤ 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 & adsorbents, 18-20 Feb., 2008, IMMT, Bhubaneswar, pp. 32-39. ➤ Kaur, L., Gadgil, K., Sharma, S. Phytoremediation using Lemna minor for the removal of lead from wastewater. In: Proceedings of 23rd International Conference on Solid Waste Technology & Management, 30 March-2 April,
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2008, Philadelphia, USA, pp. 1252-1267.

- Kaur, L., Gadgil, K., Sharma, S. Phytoremediation: An environment friendly technique for heavy metal removal. National Symposium on Contemporary Environmental Problems & Biotechnological Applications in their Management, 7-8 March, 2008, SES, JNU, New Delhi, pp. 37.
- 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.
- 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).
- 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.
- 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.
- 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.
- Kaur, L. Addressing the needs of higher education: Does standardization work? National Conference on “Reshaping India’s higher education landscape for the global environment”, 6 Nov., 2012, Govt. College of Engineering and Technology, Bikaner.
- Kaur, L. Impact of climate change on human health. In: Abstract- Rajasthan Conclave-2, 21-23 September, 2014, Desert Medicine Research Centre, Jodhpur (Rajasthan).
- Kaur, L. and Ramanathan, A.L. Hydrogeochemistry of surface and subsurface water of Kailana lake region, Jodhpur (Rajasthan). In: Abstract. National Seminar on Current Trends in Environmental Research, 28 February - 2 March, 2015, Maharaja Ganga Singh University, Bikaner (Rajasthan), India, pp. 28.
- Charan, P.D., Kaur, L., Chhangani, A.K., Sharma, S., Meena, M.K., Vashishtha, A. Suspended particulate matter in ambient air of Bikaner city, Rajasthan. In: Abstract. National Seminar on Current Trends in Environmental Research, 28 February- 2 March, 2015, Maharaja Ganga Singh University, Bikaner (Rajasthan), India, pp. 42.
- Kaur, L. A mini-review on traditional knowledge of tribal communities and environment. In: Abstract. National Seminar on Marginal Societies in Rajasthan, 30-31 March, 2015, Maharaja Ganga Singh University, Bikaner (Rajasthan), India, pp. 44-45.
- Participated in National Seminar on Recent innovations in technical terminology and biodiversity, 11-12 August, 2015, Desert Regional Centre, Zoological Survey of India, Jodhpur (Rajasthan), India.
- Kaur, L. Application of remote sensing in wildlife management. In: Abstract. National Seminar on Faunal diversity of the desert ecosystem, 11-12 March, 2016, Desert Regional Centre, Zoological Survey of India, Jodhpur (Rajasthan), India, pp. 127.
- Kaur, L. Tolerance and accumulation of lead by fenugreek. In: Abstract. National Seminar on Agriculture Resource Management for Sustainability and Eco-

Restoration, 11-13 March, 2016, ICAR-Central Institute for Arid Horticulture, Bikaner (Rajasthan), India, pp.134.

- Kaur, L. Chipko movement (1730 AD): The pioneer of environmental movement. National Seminar on "Aajadi se pehle ka Rajasthan", 17-18 March, 2016, Rajasthan Archives, Bikaner (Rajasthan), India, pp.
- Kaur, L., Srivasatava, A., Rathore, D.S., Saran, R., Godara, P. Fluoride contamination of ground water in Rajasthan: Source, impact and mitigation. In: Abstract. National Symposium on geogenic contamination of ground water: its impact and mitigation strategies, 22 April, 2016, TERI University, New Delhi (India), pp.7.
- Kaur, L., Ramanathan, A.L. Assessment of major ion chemistry in ground water and surface water of Kailana Lake Area of Jodhpur (Rajasthan). In: Abstract. National Symposium on geogenic contamination of ground water: its impact and mitigation strategies, 22 April, 2016, TERI University, New Delhi (India), pp.70.
- Kaur, L. Contribution of ecotourism in sustainable development. In: International seminar on social concern of tourism, 9-10 September, 2016, LBS (P.G.) College, Jaipur (India).
- Kaur, L. Environmental value education: Need of the hour for sustainable future. In: Abstract. National Seminar on National Education Policy 2016: Issues, Challenges and Suggestions, 17 October, 2016, Maharaja Ganga Singh University, Bikaner (Rajasthan), India.
- Kaur, L. Health Impacts of air pollutants. In: National Seminar on Rajasthan Conclave-4, 12-14 November, 2016, Desert Medicine Research Centre, Jodhpur (Rajasthan).
- Kaur, L. Biochar: A potential technology for environmental cleanup. In: Abstract. National Seminar on Environmental Management and Technology, 8-9 March, 2017, Maharaja Ganga Singh University, Bikaner (Rajasthan), India, pp. 97.
- Kaur, L. Human migration, climate change and environment: interrelations and emerging challenges. In: Abstract. II National Seminar on Migration, Settlement, State formation and literature, 21-22 March, 2017, Maharaja Ganga Singh University, Bikaner (Rajasthan), India, pp. 21.
- Kaur, L. Role of women in environmental sustainability. In: International Seminar on Women empowerment: Issues and Challenges, 23-24 March, 2017, Department of Economics, J.N.V. University, Jodhpur (Rajasthan).
- Participated in "Rashtria Paricharcha: Stri Vimarsh-Vibhinn Aayam", 3 November 2017, Centre for Women Studies, Maharaja Ganga Singh University, Bikaner (Rajasthan).
- Kaur, L. An outlook on examination and evaluation system of Indian Universities. In: रूढता राष्ट्रीय 8-9 January, 2018, RAJUVAS, Bikaner (Rajasthan).
- Kaur, L. महिलाओं की पर्यावरण प्रबंधन में भूमिका. In: National Seminar on "नारी तू नारायणी", 24-25 January 2018, Centre for Women Studies, Maharaja Ganga Singh University, Bikaner (Rajasthan).
- Participated in National Knowledge Conclave for Green Educators, 30 January -2 February 2018, A.A.E.T.I., Nimli, Alwar (Rajasthan).
- Kaur, L. Duckweed Phytoremediation Technology: A clean and green Technology for sustainable environment. In: International Conference on Sustainable agriculture, energy, environment and Technology, 24-25 February, 2018, Maharshi Dayanand University, Rohtak (Haryana), pp. A-186.
- Kaur, L. 'Child welfare' International perspective. National Seminar on Juvenile justice system in present scenario. 24 November, 2018, School of Law, Maharaja Ganga Singh University, Bikaner (Rajasthan), India.
- Kaur, L. Ecological Relevance of Ramayana: A panacea for environmental problems. In: Souvenir. National Seminar on Revisiting Ramayana, 17-18

January, 2019, Maharaja Ganga Singh University, Bikaner (Rajasthan), India, pp. 15.

- Kaur, L. Global environmental challenges and Gandhian philosophy. In: Souvenir. National Symposium on Globalization and Gandhian Philosophy, 30 January, 2019, Maharaja Ganga Singh University, Bikaner (Rajasthan), India, pp. 10.
- Kaur, L. Climate change challenges and environmental sustainability. In: International Seminar on Sustainable environment and agriculture under global climate change, 21 February, 2019, Maharshi Dayanand University, Rohtak (Haryana), pp. 92.
- Kaur, L. Sustainable agriculture technologies: approaching natural resource management. In: International Web-Conference on Resource Management and Biodiversity Conservation to Achieve Sustainable Development Goals, 11-12 September, 2020 organized by Academy of Natural Resource Conservation and Management, Lukhnow (U.P.).
- Kaur, L. Rhizofiltration: An environmental technology. In: National e-conference on “Pollution and its impact on universal health” 29 October, 2020 organized by Department of Zoology, K.L.E Society’s S. Nijalingappa College, Bengaluru (Karnataka), India.
- Kaur, L. Phytoremediation: A Sustainable Technology. In: International Science Fiction Online Conference from 7-9 December, 2020 organized by Bangalore University, Bangalore and Indian Association for Science fiction Studies.

Student participation in Seminar/Conferences

- Kaur, L., Rathore, D.S., Godara, P. Agricultural variation in cropping and irrigation intensity in western part of Rajasthan. In: National Seminar on climate change, biodiversity and urban environment: Current trends and challenges in the conservation of urban and peri-urban biodiversity, 26 April, 2019, University School of Environment Management, Guru Gobind Singh Indraprastha University, Dwarka, New Delhi, pp. 86.
- Kaur, L., Godara, P., Rathore, D.S. Geogenic contamination of ground water: An overview. In: National Seminar on climate change, biodiversity and urban environment: Current trends and challenges in the conservation of urban and peri-urban biodiversity, 26 April, 2019, University School of Environment Management, Guru Gobind Singh Indraprastha University, Dwarka, New Delhi, pp. 88.

Workshop Attended

- Participated in National workshop cum seminar on “Indian energy scenario and energy security” organized by IIT Delhi on 22 January, 2008.
- Participated in Training program on “Water Management” organized by Central Ground Water Board, New Delhi from 30-31 March, 2008.
- Participated in Hands-on Training programme on “S-30 Cambridge Scanning Electron Microscope system” organized by IIT Delhi from 17-18 June, 2008.
- Participated in Training program on “Sustainable Solid Waste Management” organized by National Productivity Council, New Delhi from 26-27 August, 2009.
- Participated and completed the training program “Communication Connoisseur” with A+ grade by Harding University of Business & Swash, Jodhpur from May-June, 2004.
- Participated in National Workshop on Women’s Rights as Human Rights, 25 January, 2016, Maharaja Ganga Singh University, Bikaner (Rajasthan), India.

	<ul style="list-style-type: none"> ➤ Participated in National Workshop on “Climate change mitigation and adaptation in hot arid region”, 26 February, 2016, ICAR-CAZRI, RRS, Bikaner (Rajasthan), India. ➤ Participated in National Workshop on “Digital Marketing”, 24 September, 2016, B.J.S. Rampuria Jain College, Bikaner (Rajasthan), India. ➤ Participated in Antibiotic Awareness Programme, 16 November, 2017, Department of Microbiology, Maharaja Ganga Singh University, Bikaner (Rajasthan), India. ➤ Participated in ‘Writeshop’, 17 December, 2018, IQAC, Maharaja Ganga Singh University, Bikaner (Rajasthan), India. <p>Invited Lectures</p> <ul style="list-style-type: none"> ➤ Delivered Lecture entitled “Application of ANOVA in Research” on 08 January, 2016 at Ph.D. Course Work-2015, Phase I, Maharaja Ganga Singh University Bikaner. ➤ Delivered Lecture entitled “Methodology and Application of Analysis of Variance (ANOVA) in Research” on 02 September, 2016 at Ph.D. Course Work- 2015, Phase II, Maharaja Ganga Singh University Bikaner. ➤ Delivered Lecture entitled “Basic Concepts of Statistical Analysis” on 27 September, 2017 at Ph.D. Course Work-2016, Maharaja Ganga Singh University Bikaner. ➤ Delivered Lecture entitled “ANOVA: A Statistical Analysis Tool” on 05 December, 2019 at Ph.D. Course Work-2018, Maharaja Ganga Singh University Bikaner. ➤ Delivered Lecture entitled “National Education Policy 2020: Continuous and Comprehensive Evaluation” on 22 September, 2020 in “A Lecture Series on NEP-2020” jointly organized by Micro Task Force (NEP 2020), IQAC, Dept. of English and Dept. of History, Maharaja Ganga Singh University Bikaner.
Membership	<ul style="list-style-type: none"> ➤ Editor, Journal of Ecology and Natural Resources (JENR) from July, 2020. ➤ Associate Editor, International Journal of Paleobiology and Paleontology (IJPBP) from August, 2018. ➤ Member-Editorial, Energy Environment and Health Conservation (EEHC) Journal from May, 2016. ➤ Member-Editorial Board, Journal of Environmental and Social Sciences from March, 2015. ➤ Member-Editorial Board, Bulletin of Microvita Research and Integrated Medicine (BOMRIM) from April, 2015. ➤ Member-Advisory Board, International Journal of Bioassays from August, 2012. ➤ Member-Advisory Board, International Journal of Chemical and Life Sciences from October, 2012. ➤ Life Member of National Environmental Science Academy (NESA), New Delhi from 2007 (LM-1080). ➤ Life member of Society for Microvita Research and Integrated Medicine (SMRIM), Udaipur (Rajasthan) from 2013 (L-96). ➤ Member of International Society for Environmental Information Sciences, Saskatchewan, Canada from February, 2016. ➤ Life member of Environmental Mutagen Society of India, New Delhi from 2016 (LM2016052). ➤ Life member of Indian Association of Soil and Water Conservationists, Dehradun from February 2016 (LM 2054). ➤ Fellow member of Academy of Environment and Life Sciences, Agra, Uttar Pradesh from December, 2016 (FAELS-238.2016).

<p>Awards</p>	<ul style="list-style-type: none"> ➤ Qualified two times the UGC (University Grants Commission, New Delhi) - JRF (Junior Research Fellowship) and NET (National Eligibility Test) for Lectureship in the subject <i>Environmental Sciences</i> conducted at all India level by <i>National Educational Testing Bureau</i> in June 2005 and December 2005. ➤ Scholarship received UGC - SRF (Senior Research Fellowship) in July 2008. ➤ “Women Researcher Award” in the 7th International Scientist Awards on Engineering, Science and Medicine organized by VD GOOD Professional Association held on 4-5 July 2020 at Coimbatore, India.
<p>Others</p>	<p>SPECIAL COURSES ATTENDED</p> <ul style="list-style-type: none"> ➤ Passed “Interdisciplinary Refresher course in Disaster Management” with ‘A’ grade held from 1-14 February, 2021 at UGC-HRDC, Jammu University, Jammu (J&K). ➤ Passed 21 days “Online GIS Training Program using QGIS” conducted by the Department of Geography, School of Earth Sciences, Central University of Karnataka, India, jointly with State Institute of Urban Development, Karnataka, India from 13 July, 2020 to 02 August, 2020. ➤ One week online FDP on “Basics of Online Teaching and Learning” organized by Dept. of Computer Science under aegis of IQAC, Indraprastha College for Women, University of Delhi, New Delhi, from 24 -30 July, 2020. ➤ One week online FDP on “Sustainable Environment – An Engineering Perspective, 2020” organized by Department of Civil Engineering, Assam Engineering College Jalukbari, Guwahati (Assam), from 13-18 July, 2020. ➤ Short Term Training Program on “Environmental Crisis and Sustainable Development”, organized by NIT, Kurushetra and Government Engineering College, Bikaner from 1-5 July, 2020. ➤ One week online FDP on “Quantum Geographic Information System (qGIS)” organized by Don Bosco College of Engineering, Fatorda, Goa is association with Spoken Tutorial Project, IIT Bombay, from 1-5 June, 2020. ➤ One week online FDP on “Environmental Impacts of COVID-19 Pandemic: Challenges and future research” organized by University School of Environmental Management, GGS Indraprastha University, New Delhi, from 27 May-1 June, 2020. ➤ Passed ARPIT course on “climate Change: A guide for teachers of all disciplines” with ‘A’ grade on 16 February, 2020 at Swayam portal. ➤ Passed “COP+24 International Climate Change Short Course 2018-19” online course organized by IARC-Centre for United Nations and Indian Astrobiology Research Centre, Mumbai from 05 June, 2018 to 31 March, 2019. ➤ Passed “Short-term course in Intensive training programme in Environmental Impact Assessment” from 13-18 February, 2017 at UGC-HRDC, Maharshi Dayanand Saraswati University, Ajmer (Rajasthan). ➤ Passed “Refresher course in Environmental Studies” with ‘A’ grade held from 21 November-10 December, 2016 at UGC-HRDC, Jai Narain Vyas University, Jodhpur (Rajasthan). ➤ Passed “Refresher course in Environmental Sciences” with ‘A’ grade held from 6 April - 1 May, 2015 at Academic Staff College, Jawaharlal Nehru University (JNU), New Delhi. ➤ Passed “Orientation course” with ‘A’ grade held from 21 January-16 February, 2013 at Academic Staff College, Jai Narain Vyas University, Jodhpur (Rajasthan). ➤ Passed “NIDM-WBI Comprehensive Disaster Risk Management

Framework” web-based course organized by the World Bank Institute & National Institute of Disaster Management, New Delhi from 04 March-12 April, 2008.

- Passed “French (Basic-level I)” short term course under continuing education programme held from August-November, 2008 in IIT Delhi.

OTHER ACTIVITIES AND RECOGNITIONS

- Secured first position in the Essay Competition organized by Girls’ Hostel Association, Government College, Ajmer in session 2002-2003.
- Secured first position in Mixed-Double badminton Competition organized by School of Environmental Sciences, JNU, New Delhi in earth Day celebration 2005.
- Secured Second position in Mixed-Double badminton Competition organized by School of Environmental Sciences, JNU, New Delhi on the occasion of earth Day celebration 2005.
- Received Certificate of Appreciation for donating blood voluntarily on 23 September 2007 at IIT Delhi.
- Received performance appreciation certificate from the Vice-Chancellor for the services during the visit of Honorable President of India Smt. Pratibha Devisingh Patil and the Chancellor of the university Shri Shivraj V. Patil on the historical event of 1st Convocation Ceremony held on 18 November, 2011.
- Received performance appreciation certificate from the Vice-Chancellor for the services during the visit of UGC-12 (B) committee and the Chancellor of the university Shri Kalyan Singh on the 2nd Convocation Ceremony held on 4 December, 2015.
- Reviewer in reputed international journals such as International Journal of Phytoremediation, Journal of Hazardous Materials, Environmental Monitoring and Assessment, Ecotoxicology and Environmental safety, Environmental Progress, Urban Climate, Journal of Herbs, Spices and Medicinal Plants, Annals of Plant Sciences, The Holistic Approach to Environment and others.
- Duty in Convocation, Student union election, Flying squad, duty of Invigilator, Duties in university level conferences/seminars and Departmental nodal officer related duties.
- Participated in National-level Woman Poem Competition on “BALIKA-SARVODAYA-PARYAVARAN-SAWARDHAN” organized by Green earth, Kurukshetra (Haryana) on 18 March, 2017.
- Convener, Career counseling and Placement cell, M.G.S. University, Bikaner from July 2017 to August 2019.
- Member, Anti Sexual harassment Cell, M.G.S. University, Bikaner from July 2017 to August 2019.
- Member, Library Management Committee, M.G.S. University, Bikaner from July 2017 to present.
- Course Coordinator, P.G. Diploma in Environmental Law running in Department of Environmental Science, M.G.S. University, Bikaner from session 2017-2018 to 2019-2020.
- Teacher Representative, 14th Youth Parliament Competition 2017-18 on 27th October 2017, organized by M.G.S. University, Bikaner.
- Teacher Representative, 14th Youth Parliament Competition 2017-18 for National Level evaluation on 18th November 2017, organized by M.G.S. University, Bikaner.
- Member, Board of Studies (BoS) in Environmental Science, M.G.S. University,

	<p>Bikaner from January, 2018.</p> <ul style="list-style-type: none"> ➤ Coordinator, Geography (Self Finance Scheme), M.G.S. University, Bikaner from July to October, 2018. ➤ Received “Certificate of Reviewing” to the Journal of Ecotoxicology and Environmental safety in March, 2018. ➤ Received certificate of “Outstanding contribution in Reviewing” to the Journal of Ecotoxicology and Environmental safety in May, 2018. ➤ Received “Certificate of Reviewing” to the Journal of Urban Climate in August, 2018. ➤ Member, Couse of Committee (COC) in PG Diploma in Remote Sensing and Geoinformatics, M.G.S. University, Bikaner from December, 2018. ➤ Judge of Skit competition, Literary Fest, University Department of English, M.G.S. University, Bikaner on 3 December, 2018. ➤ Received “Certificate of Reviewing” to the Journal of Acta Ecologica Sinica in May 2019. ➤ Member, Career counseling and Placement cell, M.G.S. University, Bikaner from August 2019 to present. ➤ Participated and one of the Winners (July 2019) in the Know Gandhi Quiz conducted by Bombay Sarvodaya Mandal, Mumbai held from 30 January to 2 October 2019. ➤ Committee Member, Smart University, M.G.S. University, Bikaner from January 2020 to present. ➤ Member, Working Committee, Thar Desert Research Centre, M.G.S. University, Bikaner from January 2020 to present.
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