

Bio-data



Name	Dr. Geeta	
Date of Birth	16 th February,1977	
Designation	Associate Professor	
Nature of appointment	Regular	
Faculty	Life Science	
Department/Centre/Institute	Environmental Science	
Date of Joining in the University	07/02/2011	
Date of Retirement	28/02/2037	
Contact Details	Mobile No.	9355646968
	Email id	geeta.env.sc@mdurohtak.ac.in

1. Educational Qualifications (10th and onwards)

Sr. No.	Degree/ Certificate	Board / University	Passing year
1	10th	Haryana Board	1992
2	12th	Haryana Board	1994
3	B.Sc.	Maharshi Dayanand University,Rohtak	1997
4	M.Sc.	Maharshi Dayanand University,Rohtak	1999
5	PhD	Maharshi Dayanand University,Rohtak	2008

2. Teaching/Research experience

S. No.	Post	Name of Institution	Period	
			From	To
	Assistant Professor	Maharshi Dayanand University,Rohtak	2011 to till date	

3. Details of Research Achievements

h-index (Google/SCOPUS)	9/4
Google Scholar link	https://scholar.google.com/citations?user=IyAaba8C59oC&hl=en
ORCID ID (if any)	0000-0001-5898-2391
LinkedIn ID (if any)	https://in.linkedin.com/in/geeta-dhanian-3ba760295
Scopus ID	56000130500
Any other	-

S. No.	Year	Particulars / Details	Link to Article	Impact Factor (if any)
1	2026	Alhan Shweta, Tanwer Naresh and Dhanian Geeta, Exploring the Role of Molybdenum Nanoparticles in Catalyzing Nitrate Reductase Activity in Wheat (<i>Triticum aestivum</i>): An In Vitro Study. <i>Inventum Biologicum: An International Journal of Biological Research</i> , 6(3):41-51. ISSN:3008-6280	https://ideas.repec.org/a/adg/ibij/br/v6y2026i3p41-51.html	-
2	2026	Shefali Kundu, Jitender Singh Laura, Geeta Dhanian and Pinkey Sheoran, Integrated decision-support framework for landfill site selection using GIS-based multi-criteria analysis and sensitivity assessment: A case study of Bhiwani city, Haryana, India, <i>Journal of Material Cycles and Waste Management</i> , DOI: 10.1007/s10163-026-02669-2, Springer Nature (Page 1-18)	https://www.springerprofessional.de/en/integrated-decision-support-framework-for-landfill-site-selectio/53036892	3.8
3	2026	Saini Manisha, Kaushik Soniya, Laura Jitender Singh, Dhanian Geeta and Sheoran Pinkey, A review of photovoltaic	https://authors.wiley.com/api/pdf/fullArticle/100588813,23	2.3

		waste management:Environmental Challenges and Sustainability Pathways.Environmental Quality Management (Special issue:Current development and innovations in energy and environment for sustainability(CDIEES)).page ,Online ISSN: 1520-6483,Print ISSN: 1088-1913,1-17		
4	2026	Shikha Kumari, Dinesh Arora, Manjeet Kaur, Geeta Dhania ,,Enhanced Cellulose Isolation from Sugarcane Bagasse through Sequential Alkali and Oxidative Treatment.BioEnergy Research,19(1): 79 (Page 1-17)	https://link.springer.com/article/10.1007/s12155-026-11008-0	3.3
5	2026	Alhan S, Tanwer N, Dhania G,Mitigating Nitrogen Pollution through Molybdenum Supplementation: A Review on Enhancing Nitrogen Use Efficiency in Crops. Pollution. DOI: 10.22059/poll.2025.404120.3151 , Print ISSN: 2383-451X ,online ISSN: 2383-4501,12(1), 462-476	https://jpoll.ut.ac.ir/article_105165_7d2d668f5dc12773efb98cc76dab9059.pdf	1.2
6	2026	Shikha Kumari, Rao, A., Kaur, M. and Dhania, G., Valorization of corn cob into cellulose based bioplastics: Extraction, fabrication and biodegradability evaluation.Nature Environment and Pollution Technology, 25(1),B4349	https://neptjournal.com/upload-images/(46)B-4349.pdf	-
7	2025	Shefali Kundu, Jitender Singh Laura and Geeta Dhania,Municipal solid waste characterization and management assessment in Bhiwani city,Haryana ,India.MSW Management Journal.35(2):2621-2630.ISSN:1053-789	https://mswmanagementj.com/index.php/home/article/view/1203	-

8	2025	Shefali Kundu, Geeta Dhania, Jitender Singh Laura ,Consideration of wind as a criterion in Multi-criteria Decision Making for sustainable landfill siting.Ecology, Environment & Conservation,31(4):(1866-1872).SSN 0971-765X	https://www.researchgate.net/publication/401689013_Consideration_of_wind_as_a_criterion_in_Multi-criteria_Decision_Making_for_sustainable_landfill_siting	-
9	2025	Jyoti Dangi, Shiksha Malik, Geeta Dhania, Meenakshi Nandal ,Synergistic Effects of Natural Binding Agents on the Performance of Agricultural Residue-Based Chemical Free Handmade Paper,Interdisciplinary Journal of Information,Knowledge and Management.20(2) 290-319, ISSN: (E) 1555-1237	https://www.researchgate.net/publication/399284940_Synergistic_Effects_of_Natural_Binding_Agents_on_the_Performance_of_Agricultural_Residue-Based_Chemical_Free_Handmade_Paper	-
10	2025	Shikha Kumari,Alka Rao,Manjeet Kaur and Geeta Dhania ,Fabrication and Characterization of eco-friendly bioplastics from potato peel starch and sugarcane bagasse cellulose.Journal of Applied and Natural Science,17(4),1569-1578,ISSN:0974-9411(Print),2231-5209(Online)	https://www.researchgate.net/publication/398981277_Fabrication_and_characterization_of_eco-friendly_bioplastics_from_potato_peel_starch_and_sugarcane_bagasse_cellulose	-
11	2025	Jyoti Dangi,Shiksha Malik,Geeta Dhania,Jitender Singh Laura and Meenakshi Nandal (2025). Potential use of agricultural residues in Chemical -free handmade paper manufacturing,Oriental Journal of Chemistry,41(4):1120-1131	https://pdfs.semanticscholar.org/8230/10f1e1c03477c0af214ba458df6493285074.pdf	-
12	2025	Sushila Saini,Shikha Kumari,Alka Rao and Geeta Dhania,Ethanobotany,phytochemistry and pharmacology of Tinospora cordifolia.RP current	-	-

		trends in Agriculture and Environmental Science,4(1),1-7.E-ISSN:2583-6293		
13	2024	Ankita Yadav, Pallavi Dhingra, Alka Rao and Geeta Dhanial, Effect of Zinc oxide nanoparticles on growth and germination of Mungbean seeds(<i>Vigna radiata</i> L.),Asian Journal of Chemistry,36:12(2885-2890).(http://doi.org/10.14233/ajchem.2024.32709).ISSN: 0975-427X (Online) ISSN: 0970-7077	https://asianpubs.org/index.php/ajchem/article/view/36_12_22	-
14	2024	Alka Rao, Shikha Kumari, Geeta Dhanial, Jitender Singh Laura, Agrochemicals are polluting the environment with arsenic ,Environment Conservation Journal, ISSN (Print) 0972-3099 ISSN (online) 1218-1223	https://journal.envirocnj.in/index.php/ecj/onlinefirst/view/2862	-
15	2024	Alka Rao, Shikha Kumari, Jitender Singh Laura and Geeta Dhanial,Assessment of Arsenic and Physicochemical Properties of Soil Around Municipal Waste Dumpsite at Rohtak, Haryana, India.Oriental Journal of Chemistry,40(4):1040-1044,ISSN No. 0970 - 020X	https://www.orientjchem.org/vol40no4/assessment-of-arsenic-and-physicochemical-properties-of-soil-around-municipal-waste-dumpsite-at-rohtak-haryana-india/	0.8
16	2023	Alka Rao, Shikha Kumari, Jitender Singh Laura and Geeta Dhanial(2023).Qualitative phytochemical screening of medicinal plants using different solvent extracts.Oriental Journal of Chemistry,39(3):621-	https://www.orientjchem.org/vol39no3/qualitative-phytochemical-screening-of-medicinal-plants-using-different-solvent-extracts/	0.8

		626,ISSN No. 0970 - 020X		
17	2023	Kumari Shikha,Rao Alka,Kaur Manjeet and Dhania G(2023).Petroleum Based Plastic Versus Bio-Based Plastic: A review.Nature Environment and Pollution Technology,22(3)pp:1111-1124;p-ISSN: 0972-6268;e-ISSN: 2395-3454	https://neptjournal.com/upload-images/(3)B-4025.pdf	-
18	2022	Khyalia P, Dangi J, Barapatre S, Dhania G , Laura JS,Nandal M. .Comparative Analysis of Compost Quality Produced from Fungal Consortia and Rice Straw by Varying C/N Ratio and its Effect on Germination of <i>Vigna radiata</i> .Nature Environment and Pollution Technology,21(3): p-ISSN: 0972-6268 ;e-ISSN: 2395-3454; doi.org/10.46488/NEPT.2022.v21i03.029	https://neptjournal.com/upload-images/(29)B-3873.pdf	-
19	2022	Alka Rao,Khushbhu Rajput and Geeta Dhania (2021). A Comparative Study On Production Of Bio-Ethanol From Aquatic Weed.International Journal of Advance and Applied Research (IJAAR),ISSN – 2347-7075.1(5):104-115.	-	-
20	2021	Mittal A , Manpreet M, Sunil S, Dhania G. Antimicrobial and Antioxidant Activity of Five Medicinal Plants Against Different Microbes. Biosci Biotech Res Asia ;18(4).	https://www.biotech-asia.org/vol18no4/antimicrobial-and-antioxidant-activity-of-five-medicinal-plants-against-different-microbes/	-

		ISSN:0973-1245		
21	2021	Rani K and Dhanial G(2021). Effect of fly ash and biofertilizers on mungbean growth(<i>Vigna radiata</i>) .Wesleyan Journal of Research.14(1).131-139.	https://www.researchgate.net/publication/334964795_Study_the_combined_effect_of_bio_fertilizer_and_fly_ash_on_mungbean_growth	-
22	2020	Rani K and Dhanial G (2020). Exploring the ability of fly-ash to improve the soil quality of barren land in Rohtak, Haryana. Wesleyan Journal of Research .13(4).43-50.(ISSN:0975-1386)	https://www.researchgate.net/publication/348732859_EXPLORING_THE_ABILITY_OF_FLY_-ASH_TO_IMPROVE_THE_SOIL_QUALITY_OF_BARREN_LAND_OF_ROHTAK_HARYANA	-
23	2019	Bahamnia GD and Mittal A (2019). Standardization of in vitro indirect shoot regeneration protocol for Indian mustard, <i>Brassica juncea</i> (L) using cytokinin Thidiazuron as an inducer.Journal of Emerging Technologies and Innovative Research .6(6):370-377(ISSN:2349-5162)	https://www.academia.edu/65150059/Standardization_of_in_vitro_shoot_regeneration_protocol_for_Indian_mustard_Brassica_juncea_L_using_cytokinin_BAP_as_inducer	-
24	2016	Dhanial G and Singh RP (2016). Standardization of <i>in vitro</i> shoot regeneration protocol for Indian mustard, <i>Brassica juncea</i> (L) using cytokinin, BAP as inducer. Biological Insights.1:5-12.(ISSN:2456-7604)	https://www.researchgate.net/publication/334964844_GDhanialBiologicalInsights120165-12?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InNpZ251cCI6InBhZ2UiOiJwcm9maWxlIn19	-
25	2014	Nandal M, Hooda R and Dhanial G (2014). Tea waste as a sorbent for removal of heavy metals	https://ijcet.evegenis.org/index.php/ijcet/article/view/481	-

		from wastewater. International Journal of Current Engineering and Technology.4 (1):243-247. (E-ISSN 2277-4106, P-ISSN 2347-5161)		
26	2014	Rani K and Dhanial G (2014). Bioremediation and Biodegradation of pesticide from contaminated soil and water-A Novel Approach. International Journal of Current Microbiology and Applied Sciences.3 (10): 23-33. (ISSN: 2319-7706)	https://www.semanticscholar.org/paper/Bioremediation-and-Biodegradation-of-Pesticide-from-Rani-Dhanial/9109ab72439940348e3066265374a1f453fd9029	--
27	2014	Dhanial G and Rani K (2014). Impact of urbanization on groundwater pollution-An Emerging Problem. Journal of International Academic Research for Multidisciplinary. 2 (9): 123-133.(ISSN: 2320-5083)	https://www.researchgate.net/publication/334964974_IMPACT_OF_URBANIZATION_ON_GROUND_WATER_POLLUTION-AN_EMERGING_PROBLEM	-

4. Research & consultancy Projects

S. No.	Year	Details	Status
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5. Research Supervision Overview

S. No.	Level	Degree Awarded	Thesis Submitted
1	Ph.D.	5	-
2	P.G.	56	-
3	U.G.	-	-

6. Patents/technology developed

S. No.	Year	Particulars / Details	Published/Granted
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7. Honors & Awards

S. No.	Title of Award	Awarding Agency	Particulars / Details
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8. Details as Resource person (Seminar / Conference / Lectures delivered etc.)

S. No.	Details	Number in total	
		National	International
a	Seminar		
b	Conference	1	1
c	Workshops	1	-
d.	Any other	-	-

9. Membership details of Statutory Committees of this University

S. No.	Period	Particulars / Details
1	8-8-2015 to 18-7-2016	Member of faculty of Life sciences
2	19-8-2021 to 19-7-2022	Member of faculty of Life sciences

10. Any other Achievements:

Edited Books

S. No.	Period	Particulars / Details
1	2023	Meenakshi Nandal, Geeta Dhanial and Pradeep Khyalia, "Environmental Sustainability: Emerging concern and management", Indu Book Services Pvt. Ltd.
2	2023	Meenakshi Nandal, Geeta Dhanial, Sushila Saini and Pradeep Khyalia, "Handbook of Industrial Wastewater Treatment: Emerging Technologies for Sustainability",

		Agri Biovet Press
3	2026.	Water Pollution and its Analytical Approaches: A Sustainable Water Quality Man (Eds. Meenakshi Nandal, Sushila Saini and Geeta Dhanias) ISBN:978-93-6729-706 Publisher: Indu Book Services Pvt. Ltd., New Delhi. Jan 28th 2026.

Sr. No.	Period	Particulars / Details
1	Life Member	Association of Microbiologists of India from 22-7-2013.
2	Life Member	PHSSFSS (Prof. HS Srivastava Foundation for sciences and society, from 6-2-2013.
3	Life Member	The Indian Science congress association” from 2018.(L36928 Membership number).
4	Life Member	Society for sustainable agriculture and resource management (SSARM) from 2017.