


Title	Dr	First Name	Promila	Last Name	Gupta	
Designation	Professor					
School/Dept.Name	University School of Biotechnology					
Address:	AFR-204, USBT Block A, Second Floor GGSIU University, Sector 16C Dwarka, Delhi-110078					
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	Residence	(optional)				
	Mobile	(optional) 9810560922				
Email	1. promila@ipu.ac.in			2. gpromila@hotmail.com		
WebPage(ifany)	-----					
Subjects Taught	B Tech: Plant Tissue culture (Theory and Lab); Plant Biotechnology (Theory and Lab) M Tech: Advances in Agricultural Biotechnology; Advanced Plant Biotechnology; Biodiversity and Biotechnology PhD: Advances in Plant Tissue Culture					
Areas of Interest/Specialization	Plant Biotechnology, Economic Aspects of Plant biodiversity, Evaluation of plant based bioactives for multiple applications, exploring diet-based therapeutics, interested in nutrigenomics					
Experience (in years)	Total	25				
	Industry	-----				
	Teaching	22				
	Research	25				
Educational Qualifications	UG (1989)	BSc (H) Botany from University of Delhi, India				
	PG (1991)	MSc (Botany) from University of Delhi, India				
	Doctorate (1997)	PhD (Botany) from University of Delhi, India				
	Anyother	-----				

<p>Research Publications in Journals (last 5 years)</p>	<ol style="list-style-type: none"> <li>1. Sharma, R., Rawat, P., Singh, P., Kanojiya, S. and <b>Gupta, P.* (2022)</b>. Statistical optimization of Ultrasound assisted extraction of free and bound phenolic acids, antioxidant and antibacterial activities and UPLC-MS/MS characterization from two varieties of <i>Eleusine coracana</i>. <i>Journal of Food Measurement and Characterization</i>, DOI:10.1007/s11694-022-01336-y, (*Corresponding author)</li> <li>2. Chaturvedi, S. and <b>Gupta, P.* (2021)</b>. Evaluation of bioactive metabolites and antioxidant-rich extracts of amaranths with possible role in pancreatic lipase interaction: in-silico and in-vitro studies. <i>Metabolites</i>, 11(10), 676: <a href="https://doi.org/10.3390/metabo11100676">https://doi.org/10.3390/metabo11100676</a></li> <li>3. Sharma, R. and <b>Gupta, P.* (2021)</b>. Nutraceutical potential of <i>Pennisetum typhoides</i> microgreens: <i>In vitro</i> evaluation of antioxidant and antibacterial activities and <i>in silico</i> <i>Staphylococcus aureus</i> FtsZ inhibition. <i>Food Bioscience</i>: <a href="https://doi.org/10.1016/j.fbio.2021.101151">https://doi.org/10.1016/j.fbio.2021.101151</a></li> <li>4. Yasmeen, S. and <b>Gupta, P.* (2021)</b>. Cosmeceutical and anticancer potential of aqueous extracts of <i>Dalbergia sissoo</i> Roxb. aerial parts. <i>Journal of Herbal Medicine</i>: <a href="https://doi.org/10.1016/j.hermed.2021.100456">https://doi.org/10.1016/j.hermed.2021.100456</a>.</li> <li>5. Chaturvedi, S. and <b>Gupta, P.* (2021)</b>. Functional components in extracts of <i>Beta vulgaris</i> (<i>Chukandar</i>) parts for antioxidant effect and antiobesity potential with lipase inhibition. <i>Food Bioscience</i>: <a href="https://doi.org/10.1016/j.fbio.2021.100983">https://doi.org/10.1016/j.fbio.2021.100983</a></li> <li>6. Hailu, T., Sharma, R., Mann, S., <b>Gupta, P.</b>, Gupta, R. K., &amp; Rani, A. (2021). Determination of bioactive phytochemicals, antioxidant and anti-inflammatory activity of <i>Colchicum autumnale</i> L. (Suranjanshireen). <i>Indian Journal of Natural Products and Resources [Formerly Natural Product Radiance]</i>, 12, 52-60.</li> <li>7. Yasmeen, S. and <b>Gupta, P.* (2019)</b>. Interaction of selected terpenoids from <i>Dalbergia sissoo</i> with catalytic domain of MMP-1: An <i>in-Silico</i> assessment of their anti-wrinkling potential. <i>Bioinformatics and Biology Insights</i>, 13, 1-13.</li> <li>8. Yasmeen, S. and <b>Gupta, P.* (2016)</b>. In vitro demonstration of <i>Dalbergia sissoo</i> (Indian rosewood) methanolic extracts as potential agents for sunscreens and DNA nick prevention. <i>International Journal of Pharmacy and Pharmaceutical sciences</i>, 8(6), 175-181.</li> </ol>
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Papers Published in Conference Proceedings (last 5 years)

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Books Authored/Book Volume Chapters

1. Chaturvedi, S. and **Gupta, P.\* (2021)**. "Plant Secondary Metabolites for Preferential Targeting Among Various Stressors of Metabolic Syndrome". In: Atta-ur-Rahman (Ed) *Studies in Natural Products Chemistry* (Bioactive Natural Products), Vol 71, Elsevier, pp. 221-261.
2. Uniyal, P. L., Govindaparyari H. and **Gupta, P. (2006)**. Adaptive strategies of bryophytes. In: Prithipal Singh

	<p>(Ed) Biodiversity, Conservation and Systematics, Scientific Publishers (India), Jodhpur, pp 67-91.</p> <p>3. Tandon, R., <b>Gupta</b>, P. Sunnichan, V. G., Shivanna, K. R., Mohan Ram, H. Y. (2005). Reproductive Biology of Some Indian Trees of Economic Importance. In: Chaturvedi S.N. and Singh, K.P. (Eds.) Plant Reproductive and Molecular Biology, Avishkar Publishers, Jaipur, pp 10-29.</p> <p>4. Contributed one of the chapters on tissue culture related aspects for Class XI-XII Biotechnology textbooks published by Central Board of Secondary Education, Delhi, India (2002-2003).</p>			
No. of Conferences	National	Attended		Organized
		7	----	
	International	12		----
Research Guidance	Awarded	PG	M. Phil	Doctorate
		7	----	2
	Undergoing	1	-----	5
Research Projects	Completed	6 (DST-1/FRGS-5)		
	Undergoing	1 (FRGS)		
Awards & Distinctions	<input type="checkbox"/> ISCA Young Scientist Award (Section – Botany) from Indian Science Congress Association, 86 <sup>th</sup> session held in Chennai in January (3-7), 1999. <input type="checkbox"/> Awarded Senior Research Fellowship by Ministry of Environment and forests, New Delhi, India (March, 1997-May, 1997). <input type="checkbox"/> Awarded Junior Research Fellowship (January 1992 - January 1994) and Senior Research Fellowship by UGC, New Delhi, India (January 1994 - January 1997). <input type="checkbox"/> Qualified the National Level Test held jointly by CSIR (Council for Scientific and Industrial Research, New Delhi, India) and UGC (University Grants Commission, New Delhi, India) for Junior Research Fellowship and Eligibility for Lecturer ship in June, 1991. <input type="checkbox"/> Awarded merit scholarship of Zakir Husain College, University of Delhi during M.Sc. (Botany) (1989-91). <input type="checkbox"/> Awarded merit scholarship for standing 1st in Zakir Husain College, University of Delhi in B.Sc. (H) Botany (1987-89).			
Administrative Assignments Handled	<input type="checkbox"/> Member, Board of Studies, USBT, GGSIPU <input type="checkbox"/> Member, School Research Committee, USBT, GGSIPU <input type="checkbox"/> Member, Academic Program Committee, USBT, GGSIPU <input type="checkbox"/> Member, Research Advisory Committee, USBT, GGSIPU			

	<ul style="list-style-type: none"> <li><input type="checkbox"/> AICTE coordinator, USBT (2020 onwards)</li> <li><input type="checkbox"/> Coordinator, for teaching labs (USBT) (2020 onwards)</li> <li><input type="checkbox"/> Coordinator, Annual Stock Verification (USBT) (2020 onwards)</li> <li><input type="checkbox"/> University Observer for examination activities, Moderator and paper setter for question papers.</li> <li><input type="checkbox"/> External Expert Member, School Research Advisory/Committee, Delhi Technical University; Department of Environmental Sciences, University of Delhi; Department of Botany, University of Delhi.</li> <li><input type="checkbox"/> University Observer, Entrance Tests/End Term Exams (October, 2010 onwards)</li> <li><input type="checkbox"/> Member, Task Force for Safety of Women in Campus, (2013)</li> <li><input type="checkbox"/> Member, University Committee for Welfare of Residents in Staff Quarters, (2013)</li> <li><input type="checkbox"/> Member, Srijan Publication/blogging/magazine Club, (2012-2014)</li> <li><input type="checkbox"/> Coordinator, U-FOCUS (Newsletter of the University), USBT (2008-2014)</li> <li><input type="checkbox"/> Panelist, Faculty enrichment programme, GRCE, GGSIPU on "Quality Vs Quality assessed"</li> <li><input type="checkbox"/> Coordinating Officer, Academic Audit Cell (2013)</li> <li><input type="checkbox"/> Convener, Joint Assessment Committee (2008)</li> <li><input type="checkbox"/> Convener, Music events, Anugoong (2010,2012,2013)</li> <li><input type="checkbox"/> Member, Event Management Committee, Anugoonj (2013)</li> <li><input type="checkbox"/> Member, Publication Committee, IICB-2013, USBT</li> <li><input type="checkbox"/> Admission Officer for USBT (2006-2016)</li> <li><input type="checkbox"/> Deputy Centre Superintendent for conducting Ph. D Entrance examinations for University School of Studies, (2010)</li> <li><input type="checkbox"/> University Representative, End Term Exams (July, 2002- October, 2010)</li> </ul>
Association with Professional Bodies	<ul style="list-style-type: none"> <li><input type="checkbox"/> Life membership, International society of Plant Morphologists</li> <li><input type="checkbox"/> Life membership, Arid Zone Research Association of India</li> <li><input type="checkbox"/> Life membership, Delhi University Botanical Society, India</li> </ul>
Any other Achievements	-----