




## Faculty Profile on University Website

www.mjpru.ac.in

<b>Title</b>	<b>Prof./Dr./Mr./Ms.</b>	<b>First Name</b>	<b>Dr. Vijay Kumar</b>	<b>Last Name</b>	<b>Sinhal</b>	<b>Photograph</b>
<b>Designation</b>		<b>Associate Professor</b>				
<b>Department</b>		<b>Department of Plant Science</b>				
<b>Address</b>	<b>Campus</b>	<b>Department of Plant Science</b>				
	<b>Residence</b>	<b>N-44 North City Extension, Pilibhit Road Bareilly</b>				
<b>Mobile No.</b>		<b>9358660040</b>				
<b>Email ID</b>		Personal	<a href="mailto:drvksinhal2@gmail.com">drvksinhal2@gmail.com</a>			
		University Domain	<a href="mailto:vk sinhal@mjpru.ac.in">vk sinhal@mjpru.ac.in</a>			
<b>Professional Networking ID, i.e. LinkedIn, Twitter etc.</b>		ORCID ID-0009-0005-2414-1697. Linkedin ID-www.linkedin.com/in/dr-vijay-kumar-sinhal-4b2a92321				
<b>Educational Qualifications (Graduation Onwards)</b>						
<b>Course/Degree</b>	<b>Institution</b>		<b>Year</b>	<b>Details/Thesis Topic/Subjects</b>		
<b>BSc. (ZBC)</b>	<b>Bareilly College Bareilly</b>		<b>1999</b>	<b>Zoology, Botany, Chemistry</b>		
<b>MSc.</b>	<b>Department of Plant Science, MJPRU, Bareilly</b>		<b>2001</b>	<b>Plant Science</b>		
<b>Ph.D</b>	<b>Department of Plant Science, MJPRU, Bareilly</b>		<b>2006</b>	<b>Phytotoxic Cytogenetic and Biochemical effects of Heavy Metals (Zn &amp; Pb) in Vigna mungo L.(Hepper).</b>		
<b>Career Profile</b>						
<b>Organization / Institution</b>		<b>Designation</b>	<b>Duration</b>	<b>Nature of Duties</b>		
<b>Department of Plant Science, MJPRU, Bareilly</b>		<b>Associate Professor</b>	<b>2023 to till date</b>	<b>Teaching and Research</b>		
<b>Research Interests / Specialization-</b> Environmental Toxicology, Nanotechnology, Mushroom Cultivation, Plant Physiology						
<b>Research Experience in Years -19</b>						

<b>No of Research Scholars Successfully Guided-03 (Under Guidance )</b>									
Name of Programme		Awarded			Under Supervision				
<b>Ph.D.</b>					<b>03</b>				
<b>M.Phil.</b>									
<b>Dissertation (M.Ed./M.A./M,Sc. )</b>		<b>06</b>			<b>06</b>				
Researcher/ Expert ID	Scopus	Orchid			Publons	Vidwan	Google Scholar		
		ORCID ID-0009-0005-2414-1697.					<a href="https://scholar.google.com/citations?hl=en&amp;user=gbMQj28AAAAJ">https://scholar.google.com/citations?hl=en&amp;user=gbMQj28AAAAJ</a>		
<b>Teaching Experience (Subjects/Courses Taught) 19 years</b>									
<b>Honours / Awards &amp; Fellowship FOR OUTSTANDING WORK</b>									
Name of Award/ Fellowship		Awarded By							
		Name of Governmental Agency			Name of Government Supported Organization/ Department		Name of International Recognized Body		
<b>Publications /Academic Activities (Numbers Only)</b>									
Books & Monographs (Single Author)	In Press	Research Papers Published in International Journals	5	Papers Presented in Seminars/ Conferences	2	Seminars/ Conferences Organized		Research Projects (Completed)	<b>0</b>
Books (Co-authored)	1	Research Papers Published in Other Journals	13	Seminar/ Conferences Attended	19	Workshop Organized		Research Projects (Ongoing)	<b>01</b>
Books (Edited)		Articles Published	2	Sessions Chaired in		Memberships of	0	Foreign Countries	0

Chapters in Edited Books	0	in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.	Seminars/ Conferences		Academic/ Professional Bodies	Visited for Academic Assignments	
			Resource Lectures Delivered				

<b>Details of Publications /Academic Activities (2010 Onwards)</b>					
<b>(a) Authored Books/ Monographs</b>					
<b>Name of Book</b>	<b>Year of Publication</b>	<b>Publisher</b>	<b>ISBN No</b>		
Archegoniates and Plant Archirtechure	<b>2022</b>	Students Friends andCompany	978-93-92933-85-4		
<b>(b) Edited Books</b>					
<b>Year of Publication</b>	<b>Title</b>	<b>Publisher</b>	<b>ISBN</b>	<b>DOI No.</b>	<b>Citations</b>
<b>(c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals</b>					
<b>Year of Publication</b>	<b>Title</b>	<b>Name of Journal</b>	<b>ISSN No</b>	<b>Citations</b>	<b>Impact Factor</b>
<b>1-2024</b>	Next-generation fertilizers: the impact of bio-nanofertilizers on sustainable agriculture.	Microbial Cell Factories	1475-2859	<b>02</b>	<b>4.3 (Scopus, SCI)</b>
<b>2-2024</b>	Exploring Arsenic Transformation and Chemotaxis in a Pseudomonas sp.	J Pure Appl Microbiol.	Print ISSN: 0973-7510 Online ISSN: 2581-690X	<b>01</b>	<b>0.7 (Scopus, SCI)</b>
<b>3-2024</b>	Role of Human Oral Microbiome in Diseases.	J Pure Appl Microbiol.	Print ISSN: 0973-7510 Online ISSN: 2581-690X	<b>01</b>	<b>0.7 (Scopus, SCI)</b>
<b>4-2024</b>	A review on modulation of Plant Growth by Nanoparticles: Application in agriculture and Mitigation of Environmental Pollution.	Int.J. of Enhanced Research in Science and Technology	2319-7463,		<b>8.1 (UGC Approved Journal)</b>
<b>5-2023</b>	Assessment of Phytotoxic and Cytogenetic effects of Zinc Oxide nanoparticles on	Biotech Today.	2322-0996.	-	-

<b>6-2022</b>	Vigna mungo.  Nano-Phytoremediation approach to remediate contaminated soil	International Journal of Enhanced Research in Science, Technology and Engineering.	2319-7463		<b>7.95</b>
<b>7- 2016</b>	Sucrose and EDTA mediated Phytoextraction and antioxidant response of Marigold to Zn and Pb.	Eduved Int.J. of Inter. Res	2349-5480		<b>0.63</b>
<b>8-2015</b>	Phytoremediation : A technologies to remediate soil contaminated with heavy metals.	Int. J. of Gr. Herb. Chem.	2278-3229	<b>07</b>	<b>2.056</b>
<b>9-2011</b>	Phytoextraction of Lead through Helianthus annuus and its effects on the growth of Cajanus cajan	Curr. Bot.	2220-4822		<b>0.16</b>
<b>10-2011</b>	Effect of Aphid infestation on the Biochemical Constituents of Mustard (Brassica juncea) plant	Journal of Phytology	2075-6240.	<b>24</b>	<b>0.0389</b>
<b>11- 2011</b>	Zinc Alleviates Cadmium Induced Toxicity in <i>Vigna radiata</i> (L.) Wilczek	Journal of Phytology	2075-6240.	<b>15</b>	<b>0.0389</b>

<b>12-2011</b>	Cytogenetic Effects of Individual and Combined Treatment of Cd <sup>2+</sup> , Cu <sup>2+</sup> and Zn <sup>2+</sup> in <i>Vigna radiata</i> (L.) Wilczec.	Journal of Phytology	2075-6240.	<b>15</b>	<b>0.0389</b>
<b>13-2010</b>	EDTA and Citric acid mediated phytoextraction of Zn, Cu, Pb and Cd through Marigold	Journal of Environmental Biology	0254-8704	<b>143</b>	<b>1.389 (Scopus)</b>
<b>14-2008</b>	Evaluation of the effects of Zn <sup>2+</sup> on the growth of <i>Cajanus cajan</i> and its phytoremediation through <i>Helianthus annuus</i> .	Ecol. Env. & Cons.	0971765X.	-	<b>(Scopus)</b>
<b>15-2007</b>	Phytotoxic & Cytogenetic effect of Zn <sup>2+</sup> & Pb <sup>2+</sup> in <i>Vicia faba</i> (L.).	Pollution Research.	0257-8050	<b>15</b>	<b>(Scopus, SCI)</b>
<b>16-2007</b>	Effects of mercury and its antagonistic effect with magnesium and sucrose on growth and NR activity in <i>Triticum aestivum</i> .	Environment & Ecology	0970-0420	-	<b>Web Of Science</b>
<b>17- 2007</b>	Effects of Pb <sup>2+</sup> on growth & NR	J. Indian Bot. Soc.	0019-4468	-	

	activity in <i>Vigna mungo</i> (L.) Hepper and its alleviation by sucrose treatment.						<b>UGC Care</b>
<b>18-2007</b>	Zinc effects on growth and NR activity in <i>Vigna mungo</i> (L.) Hepper antagonised by magnesium and sucrose.	Indian Journal of Plant Physiology.	0019-5502.	-			<b>UGC Approved</b>
<b>19-2006</b>	The effect of Zn <sup>2+</sup> & Pb <sup>2+</sup> on nitrogen metabolism of <i>Vigna mungo</i> (L.) Hepper.	J. Indian Bot. Soc	0019-4468	-			<b>UGC Care</b>
<b>20-2006</b>	Effect of Hg <sup>2+</sup> on growth parameters and NR activity in <i>Triticum aestivum</i> and <i>Hordium vulgare</i> .	Jour. PAS.	0972-3498.	-			-

**(d) Chapter/Paper Published in Edited Books**

Publication		Title of the Book	Title of the Chapter	Name & Address of Publisher	Year	ISB N	DOI	Citation Google/web of science
National	International							

**(e) Invited as Resource Lectures Person/Examiner/Expert**

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Resource person	Detail of Event	Title of Lecture	Date	Institution	
<b>(f) Seminars/Conferences/Workshops Organized-07</b>					
<b>(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)</b>					
Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till
<b>(h) Administrative Positions/Assignments Held</b>					
Post	Organization	Duration			
		From	To		
(i)- Member of Executive Council (EC)	MJP Rohilkhand University, Bareilly	2024	Till date		
(ii)-Joint Secretary, Sport Council.	MJP Rohilkhand University, Bareilly	2024	Till date		
(iii)- Additional Dean Student Well Ware (ADSW)-	MJP Rohilkhand University, Bareilly	2023	Till date		
(iv)- Assistant Coordinator for Evaluation of UG and PG Courses,	MJP Rohilkhand University, Bareilly	2023	Till date		
<b>(i) Seminar/Conference Presentations- 10</b>					
<b>(j) Memberships of Academic/Professional Bodies- Life Membership of Indian Botanical Society</b>					
<b>(k) <u>Participation in Community Service / Exchange Programme / Consulting Activity-</u> Organize 07 Mushroom Cultivation Training Camp in Department of Plant Science, Aided Colleges, Self financed Colleges, Villages and trained more than 2000 peoples.</b>					
<b>(l) International Academic Exposure</b>					



<b>(m) Any Other Details</b>			

Signature of Faculty Member