

RKDF University Bhopal
Faculty Profile



Basic Information				
Name		Dr. V.K Pandey		
Date of Birth		1/06/1964		
Designation		Professor		
Department		Science (Physics)		
Experience		38 yrs		
Email ID		Pandeyvinod855@gmail.com		
Contact No		9302070175		
Educational Qualification				
Description		Year	University	
UG (B. Sc. Bio group)		1985	RDVV Jabalpur	
PG (M. Sc. Botany)		1987	RDVV Jabalpur	
M. Phil.		-	-	
Ph. D. (Science-Botany)		2017	BU Bhopal	
Post Doctorate		-		
NET Qualified		-		
Experience (Teaching/Research)	Designation	Duration		Name of Institute/University
		From	To	
Teaching and Research	Professor	19.11.202 4	Till date	Faculty of Science, RKDF University, Bhopal (M.P.)
Teaching and Research	Associate Professor	01.09.201 7	18.11.202 4	Faculty of Science, RKDF University, Bhopal (M.P.)
Teaching	Assistant Professor	05.09.201 1	30.08.201 7	Faculty of Science, RKDF University, Bhopal (M.P.)
Teaching	UDT	01.02.198 9	31.08.201 1	Kesharwani Higher Secondary, Jabalpur (M.P.)
Publications				
No .of Research Papers Published (Attach Annexure of Research papers published		12		
No. of Books Published		-		
Books Chapters Published (Provide print of 1 Page of Book		-		
Research Scholars Supervised				
Research Program	Award	Under Supervisi on	Name of University	
Ph. D	01	03	RKDF University	
M. Phil	-	-	-	
PG Thesis/Dissertation	2	1	RKDF University	
Area of Expertise (100 words)				
<p>I specialize in the use of mycorrhizal fungi in ecological restoration and soil remediation. My research focuses on how mycorrhizal networks can restore degraded soils, improve biodiversity, and enhance plant establishment in disturbed ecosystems. I have worked extensively with ectomycorrhizal fungi in forest regeneration projects, investigating their role in restoring soil health and promoting plant survival in post-disturbance environments.</p>				

My primary expertise is in the application of mycorrhizal fungi for enhancing crop productivity and soil fertility. I focus on arbuscular mycorrhiza (AM) fungi and their ability to improve nutrient uptake, especially phosphorus, nitrogen, and micronutrients, in low-fertility soils. My work also includes studying the interactions between mycorrhizal fungi and plant roots, with the goal of increasing crop resistance to biotic and abiotic stressors such as drought and soil salinity.

Award and Achievement

Name of Award	Description (With certified of Copy award)	
National	-	
International	-	
Conference/Seminar/ Workshops/FDP		
Description	No.	
Conference/Seminar attended/ organized	35	
Workshop attended/organized	-	
FDP Attended/ organised	2	
Research Project		
Name of Project	Funding Agencies	Amount
Nil	Nil	Nil

Research papers published

1. R.K.RAGHUVANSI, R.PANDEY, V.K.PANDEY; A.MISHRA (2013) BHARTIYA VED PURANO ME VERDIT AUSHADHIYA BANASPATIYA. SCIENCE INDIA,6(9)AUG(42-46).
2. PANDEY MONIKA, A.MISHRA, R.PANDEY, R.K.RAGHUVANSHI; V.K.PANDEY (2013) BHARTIYA SAMAJIC DHARMIC BHAWNAO KI PRATIK BANASPATIYAN. SCIENCE INDIA,6(10) SEP.(04-10).
3. A.MISHRA, M.PANDEY, R.PANDEY, R.K. RAGHUVANSHI; V.PANDEY (2013) PURATAN SAHITYA ME BANASPATIYON KA PARYAVARAN ME YOGDAN. SCIENCE INDIA, 6(10) SEP.(25-27).
4. V.K. Pandey, R.K. Tenguria and Jamaluddin (2015). The role of VAM fungi on growth of Rauwolfia serpentina. Journal of Basic and Applied Mycology. Vol 11 (I; II). 26-29.
5. SAKEENA GANI 1 & Dr. V.K.PANDEY Buchanania lanzan : Aspecies of Mammoth and Colosal Embryonic Studies in Indian place names [UGC Care Journal] Vol-40-issue-71-March-2020.
6. SAKEENA GANI ; Dr. V.K.PANDEY 2 Buchanania lanzan Spreng: An Accredited and Veritable Arsenal of Phytomedicines. Studies in Indian place names [UGC Care Journal] Vol-40- issue-71- March-2020.
7. ANALYSIS OF PHYSICOCHEMICAL PROPERTIES OF COLLECTED RHIZOSPHERIC SOIL OF COMMON SELECTED MEDICINAL PLANTS FROM BETUL Archana Sonare Research Scholar Dr V. K. Pandey Associate Professor Dr C. B. S. Dangi Professor Dean Ram Krishna Dharmarth Foundation University International Journal of Engineering; Scientific Research Vol.8 Issue 11, November 2020, ISSN: 2347-6532 Impact Factor: 6.660.
8. ISOLATION AND IDENTIFICATION OF FUNGI FROM RHIZOSPHERIC SOIL SAMPLE OF COMMON SELECTED MEDICINAL PLANTS FROM BETUL Archana Sonare, Research Scholar Dr V. K.Pandey Associate Professor Dr C. B. S. Dangi Professor Dean Ram Krishna Dharmarth Foundation University International Research Journal of Natural and Applied Sciences

ISSN: (2349-4077) Impact Factor 5.46 Volume 8, Issue 2, February 2021.

9. A Study on Biocharification of In vitro Seedlings of Buchanania Lanza Using Different Soil Compositions Sakeena Gani^{1*} and V. K. Pandey^{2 1, 2} Department of Science, RKDF University, Bhopal, M.P, India. International Journal of Food and Nutritional Sciences | Volume 11 | Issue 6 | August 2022
10. “BIODIVERSITY AND IMPORTANCE OF SELECTED MEDICINAL TREE PLANTS IN NATIONAL PARK SATPURA” MOHAN TIWARI¹ , V.K. PANDEY^{1 1} Faculty of Science, RKDF University, Bhopal M.P.
11. “BIODIVERSITY AND IMPORTANCE OF SELECTED MEDICINAL HERB PLANTS IN NATIONAL PARK SATPURA” MOHAN TIWARI¹ , V.K. PANDEY^{1 1} Faculty of Science, RKDF University, Bhopal M.P.
12. V.K Pandey , Shivanshu Shukla, Chandra Bahadur Singh Dangi , R. K. Tenguriya, Dinesh Parmar and Gagan Kant Tripathi. Diversity and ecological role of mycorrhizal fungi in selected medicinal plants from Bhopal district: implications for sustainable Agriculture 2024 Journal of Science and Technological Researches Vol. 6 Issue No. 2, April-June