


Faculty Profile

Personal Details

Name	Dr Gajendra Pandurang Jagtap	
Designation	Professor (CAS), Plant Pathology	
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Academic Qualifications

Degree	Specialization	University	Year of Passing
BSc (Agri)	Agriculture	Dr PDKV, Akola	1994
MSc (Agri)	Plant Pathology	Dr PDKV, Akola	1996
PhD	Plant Pathology	GBPUA&T, Pantnagar	1999
Additional Qualification (if any): Additional Degree/Diploma/NET/SET			
NET-UGC-ICAR	Plant Pathology	ASRB, New Delhi	2001
Post-Doctoral Fellowship (PDF)	Plant Pathology	Texas A & M University, USA	2009
Post-Doctoral Fellowship (PDF)	Plant Pathology	RMIT, University, Australia	2018

Professional Experience

Stream	Years	Stream	Years
Teaching	25	Research	25
Extension	25	Administration	15

Area of Research/Interest

Fungal Pathology, Biological Control, Molecular Plant Pathology, Soil Microbiome

Research Guidance

Degree	No. of Student & Guided
M.Sc./M.Tech	25
Ph. D.	02

Research Accomplishments (Recent Ten Most Important Publications)

Sr.No	Title	Journal	ISSN/ISBN	NAAS Rating
01	To evaluate in vitro efficacy of different fungicides against <i>Pyricularia grisea</i> (Cooke) Sacc. causing Blast of Pearl Millet [<i>Pennisetum glaucum</i> (L.) R. BR]	<i>International Journal of Advanced Biochemistry Research</i> ; 8(1); SP-8(2): 240-243 2024	ISSN Print: 2617-4693 ISSN Online: 2617-4707	5.29
02	Experimental study on the effect of weather factors, micronutrients, growth regulators, and polyamines on mango (<i>Mangifera indica</i> L.) yield and quality Cv. Kesar	<i>International Journal of Advanced Biochemistry Research</i> ; 8(1): 564-568 2024	ISSN Print: 2617-4693 ISSN Online: 2617-4707	5.29
03	In Vitro efficacy of plant extract against pearl millet downey mildew caused by <i>Sclerospora graminicola</i> (Sacc.) Schoret	The Pharma Innovation Journal 12 (9)578- 581	ISSN (E) 2277-7695 ISSN (P) 2349-8242	5.23
04	Survey for Pearl Millet downey mildew incidence and severity in major Pearl Millet growing areas of Marathwda region	The Pharma Innovation Journal 12 (6)2838-2840	ISSN (E) 2277-7695 ISSN (P) 2349-8242	5.23
05	Studies on morphological, cultural, physiological and pathological variability in isolate of <i>Exserohilum turcicum</i> incitant of northern leaf blight of Maize	<i>The Pharma Innovation Journal</i> 11 (12)702-708	ISSN (E) 2277-7695 ISSN (P) 2349-8242	5.23
06	In Vitro evaluation of bio control agents against <i>Claviceps fusiformis</i> causing Ergot of Bajra	<i>The Pharma Innovation Journal</i> 11 (1)410- 412	ISSN (E) 2277-7695 ISSN (P) 2349-8242	5.23
07	To evaluate the in vitro efficacy of different bioagents against <i>Pyricularia grisea</i> (Cooke) Sacc.	<i>The Pharma Innovation Journal</i> ; 11(12): 5538-5540	ISSN (E) 2277-7695 ISSN (P) 2349-8242	5.23
08	Disease status of Northern Leaf blight in Aurangabad District	<i>AgriCos e-Newsletter</i>	ISSN:2582-7049	5.23
09	Effect of Different Soil Types on the Growth of <i>R. solanacearum</i>	Int.J.Curr.Microbiol.App.Sci (2018) 7(11): 583-586	ISSN (E) 2277-7695 ISSN (P) 2349-8242	5.12
10	Survey on Powdery Mildew of Cucumber in Aurangabad and Jalna Districts, India	Int.J.Curr.Microbiol.App.Sci (2018) 7(10):112-116	ISSN (E) 2277-7695 ISSN (P) 2349-8242	5.12

Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	80	Popular Articles	50
Books / Booklets	10	Book Chapters	03
Research/Technology Recommendations	02	Varieties Developed	Nil
Patents	Nil	Abstracts Published	50
Technical Publication	02		

Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
1. Management of Downy Mildew of Pearl Millet: Treat the seed with Pseudomonas fluorescence 8g/Kg Seed	2018-19
2. Management of downy mildew by Biopesticide <i>Trichoderma</i> .	2021-22
Externally Funded Projects: Implemented/Handled/Assisted	
<ol style="list-style-type: none"> 1. NASF Project: <i>Deciphering Agricultural Soil Microbes for Sustainable Management of lignocellulosic Wastes and Bioremediation of Chlorpyrifos (DT50) contaminated sites Rs 1.5 crore</i> 2. RKVY Project: "Farmers Participatory Action Research Programme for Citrus Greening Management with Sustainable Development" Rs 5 Crore 3. CM Fund: Establishment of Bio Pesticide Production Unit 1.5 crore 4. CM Fund : Establishment of Bio fertilizer Unit Rs 1 Crore 5. Establishment of PEQ Laboratory Rs 1.25 Crore 	

Awards/Recognitions (Top Five)

1. 2008-2009 Selected for Norman Borlaug International Post-Doctoral Fellowship in Agriculture -2009 under USDA and ICAR Bilateral Programme at Plant Disease Diagnostic Laboratory, Texas A&M University, USA during 20th January to 27th February 2009 under the mentorship of Dr Kevin Ong ,Director, Plant Disease Diagnostic Laboratory, Texas A & M University, College Station, Texas, USA (Worth Rs 2 Lakhs)
2. 2016-2017 Selected for Endeavour Post-Doctoral Research Fellowship-2016 under Government of Australia at RMIT, University, Melbourne, Australia during 8th August 2016 to 9th February 2017 under the mentorship of Dr Nitin Mantri, Molecular Plant Pathologist, Royal Melbourne Institute of Technology (RMIT), University, Melbourne, Australia (Worth Rs 12.50 Lakhs) Mahindra Samrudhi India Award for Best Research Institution worth Rs 1 Lakhs
3. 2018-2019 Mahindra Samrudhi India Award for Best Research Institution worth Rs 1 Lakhs.
4. 2017-2018 National Level Best ICAR-AICRP on Pearl Millet Center Award
5. 2016-2017 Outstanding Achievement Award: Contribution in the field of Plant Pathology