


Faculty Profile

Personal Details

Name	JAYBHYE PRALHAD RAMBHAJI	
Designation	ASSOCIATE PROFESSOR	
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Academic Qualifications

Degree	Specialization	University	Year of Passing
Ph. D.	Agril. Met,	BCKV., Mohanpur (WB)	2020
M.Sc.	Agril. Met.	MPKV., Rahuri	1998
B.Sc.	Agriculture	MPKV, Rahuri	1995
Additional Qualification (if any): Additional Degree/Diploma/NET/SET			
D.J.	Journalism and communication	Pune, University	1999

Professional Experience

Stream	Years	Stream	Years
Teaching	19	Research	24
Extension	24	Administration	5

Area of Research/Interest

1. Micrometeorology 2. Climate Change

Research Guidance

Degree	No. of Student & Guided
M.Sc./M.Tech	22
Ph. D.	02

Research Accomplishments (Recent Ten Most Important Publications)

Sr.No	Title	Journal	ISSN/ISBN	NAAS Rating
1	Effect of weather parameters on growth attributes under drought condition in rainfed Bt. cotton	Indian Journal of Agronomy	0974-4460	5.21
2	Effect of different environmental condition on <i>Sorghum Bicolor</i> (L.) and correlation studies at different phenophase stages of sorghum	Progressive Research An International Journal, Vol. 11 (Special -1)	0973-6417 (print); 2454-6003 (online)	3.84
3	Impact of Drought Weather Condition on Bt Cotton Growth, Development and Yield	Int.J.Curr.Microbiol .App.Sci Special Issue-6	ISSN: 2319-7692 (print); 2319-7706 (online)	5.38

4	Agromet Advisory Bulletin - A Weather Smart Agriculture Technology option for Adaptation and Mitigation of Changing Climate	Int.J.Curr.Microbiol . App.Sci 7 (2)	ISSN: 2319-7692 (print); 2319-7706 (online)	5.38
5	Prediction of Aphid and Jassid in Rainfed Bt Cotton using Regression Models Based on Abiotic Factors	Indian J. Dryland Agric. Res. & Dev. 35(1)	0971-2062 (print); 2231-6701 (online)	4.88
6	Formulation of Abiotic Triggers for Prediction of Thrips and Whitefly Pest in Bt Cotton under Rainfed Condition of Maharashtra.	Indian Journal of Ecology 49 (3)	0304-5250	5.79
7	Effect of fertigation on performance of summer onion under different water regimes.	The Pharma Innovation Journal; 12(1)	2349-8242 (print); 2277-7695 (online)	5.23
8	Doubling Farmer Income through Cultivating Headed Broccoli (<i>Brassica oleracea var. Italica</i>) under Different Irrigation Regimes and Water Saving Techniques	International Journal of Environment and Climate Change Volume 13, Issue 9,	2581-8627	5.13
9	Regression Model Based on Thermal Indices and Heat Use Efficiency for Estimation of Pigeonpea (<i>Cajanus cajan</i> (L.) Millsp.) Seed Yield	International Journal of Environment and Climate Change Volume 13, Issue 10,	2581-8627	5.13
10	Impact of water saving techniques on leaf water potential of broccoli under various water stress conditions	Journal of Agrometeorology 22 (4)	0972-1665 (p) 2583-2980 (online)	6.7

Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	31	Popular Articles	>300
Books / Booklets	13	Book Chapters	02
Research/Technology Recommendations	00	Varieties Developed	00
Patents	00	Abstracts Published	20
Technical Publication	02		

Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
1. Format of Agromet Agromet Bulletin	2013
2. Extension of Agroadvisory in Marathwada region	2010-2016
Externally Funded Projects: Implemented/Handled/Assisted	
1. GKMS (Gramin Krishi Mausam Seva)	
2. FASAL (Forecasting Agricultural Output Using Space, Agrometeorology and Land Based Observations)	
3. NICRA (National Innovations on Climate Resilient Agriculture)	

Awards/Recognitions (Top Five)

1. Best Thesis Awards of Association Agrometeorology, Anand (2016) to my M.Sc. Student
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