


Faculty Profile

Personal Details

Name	Mr. Rahul Dewaji Baghele	
Designation	Assistant Professor (Horticulture)	
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Academic Qualifications

Degree	Specialization	University	Year of Passing
B.Sc. (Agri.)	All agricultural subjects	Dr. P.D.K.V. Akola (M.S.)	2009
M.Sc. (Horti.)	Floriculture and Landscape Architecture	NAU, Navsari (GJ)	2013
Additional Qualification(if any): Additional Degree/Diploma/NET/SET			
NET	Floriculture and Landscape Architecture	A.S.R.B. New Delhi	2013

Professional Experience

Stream	Years	Stream	Years
Teaching	4yrs	Research	7yrs 1month
Extension	-	Administration	-

Area of Research/Interest

Vegetable Breeding and Flower breeding

Research Guidance

Degree	No. of Student & Guided
M.Sc./M.Tech	06
Ph.D.	

Research Accomplishments (Recent Ten Most Important Publications)

Sr. No	Title	Journal	ISSN/ISBN	NAAS Rating
01	Effect of 28-Homobrassinolide, CPPU, GA3 and Humic Acid on Quality and Shelf-Life of Sapota (<i>Manilkara achras</i>) CV. Kalipatti Harvested in Winter S. R. Barkule, B. N. Patel and R. D. Baghele	Int. J. Curr. Microbiol. App. Sci (2018) Special Issue-6: 962-967	2319-7692	5.38
02	Effect of spacing, bulb size and time of planting on onion seed yield (<i>Allium cepa</i> L.) GN Thalkari, BM Kallalbandi, RD Baghele and MM Maind	International Journal of Chemical Studies 2019; 7(3): 3383-3386	P-ISSN: 2349-8528 E-ISSN: 2321-4902	5.00

	Integrated Approach	Applied Sciences 9(7): 3022-3028 (2020)	(Print) 2319-7706 (Online)	
04	Application of Plant Growth Regulators in Ornamentals and Flower Production Baghele R.D. and Thalkari G.N.	Journal of Plant Development Sciences Vol. 12(6): 335-340. 2020	ISSN 0974-6382 (Print) ISSN 2348-9170 (Online)	4.57
05	Breeding Aspect for Improvement in Chrysanthemum: A Review R.D. Baghele	International Journal of Current Microbiology and Applied Sciences 10(05): 101-111	ISSN: 2319-7692 (Print) 2319-7706 (Online)	5.38
06	Design and Development of Manually Operated Nursery Vegetable Planter for Chilli, Brinjal and Tomato K.V. Lohakare, P.A. Munde, R.D. Baghele and A.D. Harkal	Journal of Plant Development Sciences Vol. 14(1): 35-42. 2022	ISSN 0974-6382 (Print) ISSN 2348-9170 (Online)	4.13
07	Ergonomic Evaluation of Manually Operated Nursery Vegetable Planter	Journal of Plant Development Sciences Vol. 14(1): 89-94. 2022	ISSN 0974-6382 (Print) ISSN 2348-9170 (Online)	4.13
08	Performance of different mulches on growth and yield of brinjal (<i>Solanum melongena</i> L.) RD Bagele, VS Khandare, DP Waskar and SV Pawar	The Pharma Innovation Journal; 11(2): 2987-2989	ISSN (E): 2277- 7695 ISSN (P): 2349-8242	5.23
09	Evaluation of gerbera (<i>Gerbera jamesonii</i> L.) cultivars grown under fan and pad cooled Polyhouse conditions. RD Baghele and MG Pusdekar	The Pharma Innovation Journal; 11(6): 647-650	ISSN (E): 2277-7695 ISSN (P): 2349-8242	5.23
10	Study of different cultivation methods and energy requirement of wheat. RH Rahate, SP Wagh and RD Baghele	The Pharma Innovation Journal; 11(7): 2688-2690	ISSN (E): 2277-7695 ISSN (P): 2349-8242	5.23

Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	10	Popular Articles	41
Books / Booklets	--	Book Chapters	03
Research/Technology Recommendations	07	Varieties Developed	03
Patents	--	Abstracts Published	10
Technical Publication	--		-

Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
Recommendations	
1. Performance of different varieties of Turmeric under Marathwada condition	2020
2. Effect of different Mulches on growth and yield of Brinjal	2021
3. Performance of different varieties of Carom Seed (Ajwain) under Marathwada condition	2021
4. Performance of different varieties of Fennel (Saunf) under Marathwada condition	2021
5. रब्बी हंगामात बटाटा पिकापासून अधिक उत्पादन आणि निव्वळ नफा मिळवण्यासाठी कुफरी पुखराज या वाणाची मराठवाडा विभागात लागवड करण्याची शिफारस करण्यात येत आहे	2023
Varieties	
6. पीबीएनसी-१७ या मिरची वाणाचे स्थानिक व राष्ट्रीय तुल्यबल वाणाच्या तुलनेत हिरव्या मिरचीचे सरासरी उत्पन्न (५३१.१९ क्विं./हे.) अधिक मिळाल्याने हा वाण खरीप हंगामातील लागवडीसाठी मराठवाडा विभागात प्रसारित करण्याची शिफारस करण्यात येत आहे	2023
7. पीबीएनटी-२०या टोमॅटो वाणाचे स्थानिक व राष्ट्रीय तुल्यबल वाणाच्या तुलनेत टोमॅटोचे सरासरी उत्पन्न (६१४.४५ क्विं./हे.) अधिक मिळाल्याने हा वाण रब्बी हंगामातील लागवडीसाठी मराठवाडा विभागात प्रसारित करण्याची शिफारस करण्यात येत आहे	2023
Externally Funded Projects: Implemented/Handled/Assisted	

Awards/Recognitions (Top Five)

1. Excellence in Research Award in International Conference on Global Research Initiative for Sustainable Agriculture and Allied Sciences (GRISAAS-2017)