

Faculty Profile

Personal Details

Name	Dr. Dheeraj Tatyasaheb Pathrikar
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Academic Qualifications

Degree	Specialization	University	Year of Passing
B.Sc. (Agri.)	Agriculture	Dr. PDKV, Akola	2000
M.Sc. (Agri.)	Agriculture	VNMKV, Parbhani	2005
Ph.D. (Agri.)	Agricultural Economics	VNMKV, Parbhani	2021
Additional Qualification (if any): Additional Degree/Diploma/NET/SET			
Diploma in ABM	Agricultural Business Management	YCMOU, Nashik	2007

Professional Experience

Stream	Years	Stream	Years
Teaching	1 year	Research	19 years
Extension	--	Administration	--

Area of Research/Interest

Impact of recommended VNMKV Research technologies, Agricultural Marketing and Forecasting using Artificial Neural network

Research Guidance

Degree	No. of Student & Guided
M.Sc.	--
Ph.D.	--

Research Accomplishments (Recent Ten Most Important Publications)

Sr. No.	Title	Journal	ISSN/ ISBN	NAAS Rating
01	Garret Ranking of Constraints Perceived by Silkworm Rearers in Sericulture Enterprise	International Journal of Environment & Climate Change	2231-4784	5.16
02	Constraints Faced by Sorghum Variety Parbhani Shakti Adopter and Non-adopter in Parbhani District of Maharashtra State	Biological Forum- An international Journal	0975-1130	4.96
03	Constraints Faced by Pearl millet Variety AHB-1200 Adopter and Non-Adopter in Chhatrapati Sambhajinagar District of Marathwada Region.	Biological Forum- An international Journal	0975-1130	4.96
04	Compound growth rate and instability in soybean crop of Marathwada region of Maharashtra	The Pharma Innovation Journal	2349-8242	5.23
05	Growth rates in area, production and productivity of soybean crop of Marathwada region of Maharashtra	The Pharma Innovation Journal	2277-7695	5.23
06	Economic Analysis of <i>Kharif</i> Tomato production in Nashik district of Maharashtra state	International Journal of current Microbiology and applied sciences	2319-7706	5.38
07	Effect of foliar feeding of Gluconate and EDTA chelated plant nutrients on yield, quality and nutrient concentration in Bt cotton	Journal of cotton research and development	0972-8619	4.69
08	Evaluation of different Mulberry varieties for commercial rearing of Silkworm hybrid in Maharashtra	Journal of Entomological research	J135	3.90
09	Performance of Bivoltine hybrids of Mulberry Silkworm <i>Bombyx mori</i> L.	Indian Journal of current Entomology	1045	3.80
10	Response of chelated plant nutrition on yield, quality and economics of Bt-cotton under Vertisols of Maharashtra	International Journal of Tropical Agriculture	0254-8755	3.49

Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	10	Popular Articles	05
Books / Booklets	01	Book Chapters	--
Research/Technology Recommendations	09	Varieties Developed	--
Patents	--	Abstracts Published	10
Technical Publication	--		

Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
1. Adoption of VNMKV developed BBF(4 in 1) planter technology in soybean cultivation adds 27.67 per cent in the productivity, 33.47 per cent in the seed with increase in Net profit by 131.65 per cent, therefore it is recommended, the extension agencies have to take more efforts for expansion of soybean cultivation area under VNMKV developed improved BBF(4 in 1) planter technology and organize trainings for soybean growers and tractor drivers which will add substantially in the income of soybean growers	2024
2. Economic Viability of sericulture venture insuring sustainable annual income for small and Marginal silkworm rearers in Maharashtra Recommendation For adoption of optimum resource allocation recommended package of practices given by VNMKV, Parbhani sericulture venture would be the financially feasible (pay-back period 1.90 years) and profitable enterprise (BCR-2.72 with Profitability Index PI-2.81) for farmers to ensure their sustainable livelihood, doubling farmers income of Marathwada region and also helps to boost “Silk and Milk” Policy of Government.	2024
3. Economic impact of CROPSAP scheme on cotton growers in Parbhani District of Maharashtra Recommendation It is observed that due to timely advisory, per hectare yield and income of CROPSAP beneficiary cotton growers is increases by 24 per cent and 29 per cent respectively. Hence, it is recommended to strengthen CROPSAP scheme and make it as regular programme in order to income sustainability of cotton growers in the region.	2024
4. Economic Impact of VNMKV, Parbhani Technology for Chickpea Production in Hingoli District of Maharashtra Recommendation The research finding shows that, due to low, medium and high adoption of Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani Chickpea production technology Benefit-Cost Ratio is 1.36, 1.51 and 1.62 respectively, so to avoid wastage of valuable resources and to increase Benefit-Cost Ratio University recommended that Chickpea grower may use fully recommended production technology.	2024
5. The technology adoption index of soybean in respect of variety, weed management, plant protection and fertilizer management was found very low in Marathwada region. Hence for maximization of soybean output & profitability, it is recommended to adopt improved soybean production technologies released by VNMKV, Parbhani such as variety, weed management, plant protection and fertilizer management etc.	2023
6. Majority of the technologies and yield of Bajra were significant and other contributing factors for maximizing the attitude towards adoption and 92 per cent of farmers were found technically efficient. Therefore, it is recommended to adopt VNMKV improved technology for Bajra cultivation in rainfed area.	2023
Externally Funded Projects: Implemented / Handled / Assisted	Nil

Awards/Recognitions (Top Five)

1. Best Ph.D. Thesis Award-2023 in 5 th International Conference on Climate Change and Its Impact (CCI 2023) at Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST-K) Srinagar, J&K India.
2. Young Scientist Award-2024 in International Conference on Ecological Impact on Agriculture, Business and Technology at Agriculture and forestry university, Rampur, Chitwan, Nepal.