

Faculty Profile

Personal Details

Name	BHARATI SHRINIWAS VYANKATESH	
Designation	Assistant Professor (Contractual)	
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Academic Qualifications

Degree	Specialization	University	Year of Passing
UG	B.Sc.	SRTMU, Nanded	2014
PG	M.Sc. (Statistics)	BAMU, Aurangabad	2018
Additional Qualification(if any): Additional Degree/Diploma/NET/SET			
M-SET	Mathematical Science (Statistics)	SPPU, Govt. of Maharashtra	2024
MS-CIT	-	MSBTE, Mumbai	2013

Professional Experience

Stream	Years	Stream	Years
Teaching	05	Research	02
Extension	-	Administration	-

Area of Research/Interest

Statistical Modeling and Forecasting, Experimental Designs, Statistical analysis

Research Guidance

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

Research Accomplishments (Recent Ten Most Important Publications)

Sr. No.	Title	Journal	ISSN/ISBN	NAAS Rating
01	Trends and Patterns of Foreign Direct Investment in India (FDI)	International Journal of Current Microbiology and Applied Sciences, Vol. 9 (5) 1-7	2319-7706	5.28
02	Export profile and trade direction of fresh grapes from India: Markov chain approach	The Pharma Innovation Journal, 11(12): 1831-1836	2349-8242	5.23
03	Trends and Market Integration of <i>Kharif Sorghum</i> in Beed District Of Maharashtra	Asian Journal of Agricultural Extension, Economics and	2320-7027	4.86

		Sociology,		
04	An ARIMA Approach For predictive analysis of Pomegranate Prices	Scientist USA, 2(1) :599-605	0890-3670	6.82
05	Time series ARIMA forecasting of FDI inflow in India	The Pharma Innovation Journal,12(1): 2454-2456	2349-8242	5.23
06	Trends and Seasonality in Arrivals and Prices of Soybean in APMC, Parbhani	Environment and Ecology, 41 (4C) : 2827-2831.	0970-0420	4.87
07	Impact of CROPSAP Scheme on Cotton Growers: A Probit Regression Approach	Biological Forum – An International Journal, 15(11): 599-601	0975-1130	3.76
08	Predictive analysis of FDI inflow in India: A neural network approach	International Journal of Commerce and Management Research, Volume 10, Issue 1, Page No. 1-3	2455-1627	If 5.2
09	Impact of CROPSAP scheme on cotton growers : A Probit regression approach	Multilogic In Science 13(48): 123-124	2277-7601	4.17
10	Effect of Socio-economic Characteristics on Pomegranate Productivity of Farmer Producer Organizations Member Farmers	International Journal of Environment and Climate Change, Volume 14, Issue 1, Page 83-90,	2581-8627	5.16

Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	14	PopularArticles	01
Books / Booklets	-	Book Chapters	01
Research/Technology Recommendations	06	Varieties Developed	-
Patents	-	Abstracts Published	06
Technical Publication	-		

Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
1. Economic impact of Improved VNMKV Production Technology of Bajra cultivation on Growers in Dryland Region of Marathwada Recommendation 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 adopter farmers were found technically efficient. Therefore, it is recommended to adopt VNMKV improved technologies for Bajra cultivation in Rainfed area.	2023
2. Comparative Economics of VNMKV Developed improved BBF (4 in 1) Technology for Soybean Crop in Marathwada Region Recommendation 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 saving 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	2023

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.	
3. Short term price forecasting of soybean in Latur APMC Recommendation It is recommended that the Agricultural Produce Market Committee in Maharashtra need to have the strong mechanism for price forecasting which will be helpful for the producers to make appropriate decision of marketing to get benefit of better prices as well as area allocation under the respective crop.	2023
4. 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 ensures their sustainable livelihood, doubling farmers income of Marathwada region and also helps to boost “Silk and Milk” Policy of Government.	2024
5. 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
Externally Funded Projects: Implemented/Handled/Assisted :Nil	

Awards/Recognitions (Top Five)

1. Young Achiever Award
2. Young Scientist Award