Faculty Profile

Personal Details

Name	Sachin Sudhakarrao More
Designation	Associate Professor and I/C Head
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Academic Qualifications

Degree	Specialization	University	Year of Passing
Ph.D.(Agriculture)	Agricultural Economics	Navsari Agricultural University, Navsari (Gujarat)	2016
M.Sc. (Agriculture)	Agricultural Economics	University of Agricultural Sciences, Dharwad (Karnataka)	1999
B.Sc. (Agriculture)	Agriculture	Marathwada Krishi Vidyapeeth, Parbhani (Maharashtra)	1997
Additional Qualification (if any): Additional Degree/Diploma/NET/SET			
Senior Certificate Course in Agriculture Statistics and Computing	Statistical Methods, Agricultural Statistics and Practical	Indian Agricultural Statistics Research Institute, New Delhi	2008
ICAR-NET	Agricultural Economics	Agricultural Scientists Recruitment Board (ICAR), New Delhi	2010
General Course on Intellectual Property [Distance Learning]	Patent, Copy right, Trade Mark and secrete, Geographical Indicator etc.	World Intellectual Property Organization, Geneva	2012

Professional Experience

Stream	Years	Stream	Years
Teaching	17	Research	17
Extension	---	Administration	05

Area of Research/Interest
1. Impact Assessment of Improved Production Technologies
2. Economic Impact of Climate Change on Agriculture
3. Vulnerability of Climate Change and its Impact on Agriculture
4. Price Behaviour and Price Forecasting of Major Agricultural Commodities
5. Minimum Support Price and its determinant's
6. Agricultural Marketing and Price Policy Analysis

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
01	Baseline Scenario of Post-rainy Season Sorghum Economy in Marathwada region of Maharashtra.	International Crops Research Institute for the Semi-Arid Tropics, Working Paper Series No.38.	--	--
02	Total factor Productivity Growth in Major Crops of Maharashtra State	Green Farming	09774-0775	3.85
03	Forecasting of Cotton Production in India using advanced time series models.	Indian Journal of Economics and Development	2277-5412	6.20
04	Determinates of crop diversification in Maharashtra: A regional level panel data analysis.	Scientist	0890-3670	7.80
05	Agricultural Marketing Reforms in Maharashtra in Context with Model Act : Status and Issues.	Indian Journal of Agricultural Marketing	0971-8664	4.42
06	Spatial Price Integration among Major Sorghum wholesale Markets of Maharashtra.	International Journal of Agricultural and Statistical Sciences	0973-1903	5.10
07	Impact of Improved Agricultural Technologies on Yield in India using Solow decomposition Model; A Review.	Ecology, Environment and Conservation	0971-765X	5.05
08	Seasonality and Volatility in arrivals and Prices of Oilseeds in Marathwada Region of Maharashtra State.	Indian Journal of Agriculture Research	0367-8245	5.60
09	Spatial Price Integration of Okra in Selected Markets of Gujarat.	Indian Journal of Economics and Development	2277-5412	6.20
10	Performance of Pulses in Gujarat: A District Level Assessment.	Current Agriculture Research Journal	2347-4688	4.98

Credentials:

Particulars	Numbers	Particulars	Numbers
Research Articles	87	Popular Articles	12
Books / Booklets	----	Book Chapters	
Research/Technology Recommendations	17	Varieties Developed	----
Patents	---	Abstracts Published	27
Technical Publication	04		

Significant Achievements (Top Five)

Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations	Year
To ensure the remunerative prices for turmeric, APMCs shall create uniform marketing conditions by setting up real time price information system and marketing infrastructure. It is also recommended that, price stabilization mechanism especially minimum support price shall be given to Turmeric so as to to reduce the price volatility in all major turmeric market.	2017
Long term performance of soybean and safflower showed that, productivity of soybean was decreased continuously and area and production of safflower was reduced. Therefore, it is recommended that, Pilot project on Oilseeds may be designed for Marathwada region to transfer the improved production technology package in addition to critical inputs viz; Seeds, Biofertilizers, Micronutrient etc.	2018
To Forecast the Soybean Prices in Latur market, it is recommended to use SARIMA time series model of order $(0\ 1\ 3)(0\ 1\ 1)_{12}$	2021
In view of less productivity and medium to high instability of Kharif sorghum, rabi sorghum, soybean, groundnut, sunflower and linseed in Marathwada region, it is recommended that research and extension agencies in state to concentrate on these crops to enhance the productivity with sustainability.	2022
The districts viz; Gadchiroli, Latur, Osmanabad, Beed, Jalna and Sindhudurg are the most vulnerable districts to climate change hence it is recommended that, government may expand the area coverage of PoCRA project initially to these districts and later on in Dhule, Thane, Ahmednagar, Aurangabad, Solapur, Akola, Hingoli, Nanded, Chandrapur, Nagpur, Bandhara which are categorized as highly vulnerable districts.	2023

Externally Funded Projects: Implemented as Co-PI

- Harnessing Opportunity for Productivity Enhancement of Rabi Sorghum (HOPE) Partner Institutions : International Crops Research Institute for the Semi-Arid Tropics, Hyderabad

- State level SRI Adoption Study. Partner Institutions : International Institute of Water Management

Awards/Recognitions (Top Five)

- Research paper entitled **"Vulnerability Mapping of Agriculture to Climate Change and Variability in Gujarat State of India"** was adjudged as best poster presentation at XIII Agricultural Science Congress, Bengaluru by National Academy of Agricultural Sciences, New Delhi.

- A research paper entitled **"Forecasting of Cotton Production in India using Advanced Time Series Models"** was judged as best research paper in the National Conference of Maharashtra Society of Agricultural Economics held at Dr. BSKKV, Dapoli (Maharashtra)