



**Dr. Nitin Varshney**

Assistant Professor  
Agricultural Statistics

[nitin.caw@nau.in](mailto:nitin.caw@nau.in)

+919157548912, +919717361912

### Educational Qualification

Degree	Discipline	Year of Passing	University
Ph.D.	Agricultural Statistics	2022	ICAR-IARI, New Delhi
M.Sc.	Agricultural Statistics	2015	ICAR-IARI, New Delhi
B.Sc.	Agriculture	2013	AAU, Anand, Gujarat

### Service Experience

Sr. No.	Institute/Office	Designation	No. of years served	Job profile
1.	College of Agriculture, Navsari Agricultural University, Waghai, Gujarat	Assistant Professor	2 years, 07 months	Assistant Professor of Agricultural Statistics

### Conference/Seminar /Workshop/Training

Event	No. Attended	Venue	Duration	Topic
Conference	3	1 SKUAST, Jammu, J&K, India	March 6-8, 2017	19 <sup>th</sup> Annual National Conference, Society of Statistics, Informatics and Applications (SSCA-2017) on <b>Statistics and Informatics in Agricultural and Allied Sciences.</b>
		2 ICAR-DRMR, Bharatpur, Rajasthan, India	November 25-27, 2017	<b>71<sup>st</sup> Annual Conference of Indian Society of Agricultural Statistics.</b>
		3 Department of Statistics, Institute of Science, BHU, Varanasi, UP, India	December 15-17, 2021	<b>An International Conference on Recent Application of Statistical Techniques and Analysis- RASTA 2021.</b>
Workshop	1	SKUAST, Jammu, J&K, India	March 6-8, 2017	<b>Data Analysis using SPSS/SAS.</b>

	3	2	Department of Statistics, University of Kerala, Trivandrum, India	October 23-28, 2017	<b>National Workshop on Statistical Methods for Data Analytics using R</b>
		3	ICAR- IASRI, New Delhi, India	Nov 30 to Dec 2, 2021	कृषि में प्रतिदर्श तकनीकों का अनुप्रयोग एवं आँकड़ों का विश्लेषण
<b>Training</b>	2	1	HAU, Hisar, India	July 8-28,2020	<b>Refresher Course on Statistical Tools and Techniques for Analysis of Agricultural Data</b>
		2	MPKV, Rahuri, MH, India	May 07-10, 2020	<b>Introduction to Python Programming and its applications in Climate-Smart Agriculture</b>
<b>Short Course</b>	1	1	ICAR-IASRI, New Delhi, India	Jan 27 to Feb 05, 2022	<b>Statistical Development for Data Analytics in Agriculture Experimentation</b>
<b>Seminar</b>	1	1	Anand Agricultural University, Anand, Gujarat	October 28-29, 2021	<b>Regional Seminar on Agricultural Market Intelligence</b>

## Academic Achievements

1. Qualified **ICAR-AIEEA-UG**, 2009, avail National Talent Scholarship (NTS) for undergraduate program.
2. Attended 2 camps during N.C.C.
3. National Cadet Corps 'B' & 'C' certificates.
4. **University player** of Badminton at AAU, Anand, Gujarat.
5. Participated in **Gujarat Inter Agricultural University Cricket and Badminton Tournament** at NAU, Navsari, Gujarat. (2012)
6. Participated in **All India Agricultural Sports Meet** at TNAU Coimbatore (2016)
7. Participated in **All India Agricultural Sports Meet** at CCS HAU, Hisar (2017).
8. Qualified **ICAR-JRF**, 2013, **All India Rank 7**, avail Junior Research Fellowship for postgraduate program.
9. Qualified ICAR-IARI, Ph.D. entrance 2015, **All India Rank 5**, avail Institute Fellowship for PhD program.
10. Qualified **National Eligibility Test – 2015** in Agricultural Statistics and Informatics, conducted by ICAR-Agricultural Scientists Recruitment Board, New Delhi.
11. Qualified **National Eligibility Test – 2018** in Agricultural Statistics, conducted by ICAR-Agricultural Scientists Recruitment Board, New Delhi.

## Publications

		<b>1</b>	Discrimination of coding from noncoding regions in cattle based on methylation and deamination patterns. International Journal of Genetics. Vol. 9 Issue 8, 2017. (ISSN: 0975-2862)
--	--	----------	---

<b>Research publications</b>	<b>8</b>	2	Trend and change point analysis of rainfall of various districts of Bihar. International Research Journal of Agricultural Economics and Statistics. Vol. 8 No. 2, 2017. (ISSN: 2229-7278).
		3	Assessment of genetic diversity in Mung bean genotypes. International Journal of Genetics. Vol. 10 Issue 7, 2018. (ISSN: 0975-2862)
		4	Estimation of variability parameters in Mung bean genotypes. International Journal of Agricultural Sciences. Vol. 10 Issue 4, 2018. (ISSN: 0975-3710)
		5	Genetic components and traits relationship in a panel of Black Gram diverse genotypes. Journal of Food Legumes. Vol. 31 Issue 1, 2018 (0976-2434).
		6	Trend analysis of rainfall and rainy days of Sehore district of Madhya Pradesh. Journal of Indian Society of Agricultural Statistics.
		7	Suitability of water for drinking and irrigation use using water quality index and GIS. Vol. 29 Issue 1, 2019.
		8	Prediction approach estimator using auxiliary information under two-phase sampling. Vol. 17 Issue 2, 2021.
		<b>Popular articles</b>	<b>9</b>
2	Pesticides Residue: Health Impacts and Regulation. Marumegh kisaan-e-patrika (ISSN: 2456-2904)		
3	Constraints in sugarcane farming and processing industries in India. Readers Shelf (ISSN: 2321-7405)		
4	True Potato Seed-A revolution in potato cultivation. Marumegh kisaan-e-patrika (ISSN: 2456-2904)		
5	Energy constraints in Agriculture, Readers Shelf (ISSN: 2321-7405)		
6	जायद ऋतु में उड़द की उन्नत खेती		
7	जायद ऋतु में मग की खेती हेतु उपयुक्त सुझाव, कृषक जगत		
8	“सचना प्रौद्योगिकी”- कृषि क्षेत्र में एक नई राह मरुमेघ किसान ई-पत्रिका (ISSN:2456-2904)		
9	जैविकएस खेती और इसके लाभ, एग्रीकल्चर टाइम्स.		

## Membership of Professional Societies

1. Life member (LM-8676) of **Indian Society of Agricultural Statistics (ISAS)**, since March-15, 2018.
2. Life member (LM/35/1425/2021) of **Indian Society for Probability and Statistics (ISPS)**, since August-5, 2021.

## Research Projects

Sr. No.	Project Title	PI/Co-PI	Level (Departmental/Planned)	Year of approval	Status
1	Estimation of Cotton Yield using Two-Phase Sampling approach	PI	Departmental	2020	Ongoing

2.	Application of CSM-CERES-Rice model for assessment of plant density and nitrogen management of transplanted rice for tropical environment	Co-PI	Departmental	2020	Ongoing
3	Determination of sample size and sampling techniques in Agricultural Research	PI	Departmental	2022	Ongoing

### Guest Speaker

Sr. No.	Lecture Delivered on	Date	Organized by	Event
1.	Selection of Different Statistical Tests based on Different types of Data: with examples from different experimental data sets	Nov 1 to 7, 2020	International Journal of Microbial Science (IJMS) in Collaboration with Sushila Shankarrao Gadhave Mahavidyalaya, Khandala, Dist-Satara	One Week FDP on "Statistical Analysis in Academics & Research"
2.	Agricultural Statistics	March 9-10, 2022	Government of Maharashtra Mahatma Phule Krishi Vidyapeeth, Rahuri Department of Agricultural Extension & Communication	Tutorial class series on ICAR-NET/ARS examination

### Training/ Workshop/ Webinar organized

Sr. No	Name of Teachers	Title	Duration	Organizer
1.	Dr. Nitin Varshney (Co-Organizing Secretary)	A National webinar on "Statistics for Food Security and Promoting Sustainable Agriculture"	29-06-2021	Department of Agricultural Statistics, NM College of Agriculture, NAU, Navsari

2.	Dr. Nitin Varshney (Organizing secretary)	“Diagnostics and Remedial Measure for common errors in application of statistics”	20-21 October 2020.	Department of Statistics, College of Agriculture, Navsari Agricultural University, Campus Bharuch.
----	--	---	---------------------	--

### Awards & Recognition

Dr. Nitin Varshney received “**Outstanding/best thesis Award**” for his quality research work on “*Discrimination of Coding and Non-Coding regions in Cattle Based on Epigenetic Mechanism*” on the occasion of the International Web Conference on Innovative and Current Advances in Agriculture & Allied Sciences during 13-15 December 2021.

### Other activities & Responsibilities

- Assistant Academic In-charge of the College.
- Computer Lab In-charge of the College.
- Staff advisor of Student Representative Council (SRC) for Cricket.