



Ajay Sharma

Research scholar at Chaudhary Charan Singh Haryana Agricultural University
India

139.5 Research Interest Score

37 Citations

3 h-index

Education Background		Year
Ph.D.	Department of Mathematics and Statistics, College of Basic Science and Humanities, Chaudhary Charan Singh Haryana Agricultural University, Hisar	Thesis Submitted and Final Viva Voice Conducted on Next Week
MSc. (Statistics)	Department of Mathematics and Statistics, College of Basic Science and Humanities, Chaudhary Charan Singh Haryana Agricultural University, Hisar	2018-20
B.Sc. (Hons)	Chaudhary Charan Singh Haryana Agricultural University, Hisar	2013-17
Class XII (CBSE)	Campus School CCS HAU, Hisar	2012-13
Class X (CBSE)	Campus School CCS HAU, Hisar	2009-10

Internship/ Training/course		Duration
Bajwa Mushroom Farm, village: Bohr	Industrial internship on “Mushroom production” at Bajwa mushroom farm Pehowa (village: Bohr)	2017
CCS HAU, Kaul, Kaithal	Face the training on Bee keeping	2017
CCS HAU, Hisar	Training program in “Awareness in Developing and Managing intellectual property rights”.	2018
HARSAC CCS HAU, Hisar	Online course on “Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System” at IIRS outreach Network center, Haryana Space Applications Centre, Hisar	2019
Basic Science CCS HAU, Hisar	Training on “Statistical Data Analysis for Research Scholar” organized by students counseling and placement cell, CCS HAU, Hisar	2019
Hisar	Programming course “C- language” issued by Haryana State Electronics Developments Corporation Ltd.	2019

Certificates/ workshops/projects		Year
Workshop	Seminar on “Elsevier empowering Agriculture research in India” in association with CERA	2018
	Seminar on “Intellectual Property Rights”	2018
	International seminar “Sustainable Environment and Agriculture under Global climate change” organized by Department of Environmental science (Poster presentation).	2018
	Workshop on “Career opportunities for students”	2019
	Workshop on “Eminent Alumni-Student Interaction on Employability and Career Enhancement”	2019
	Workshop on “Recent Computational Technique of Mathematical sciences for Researchers” organized by Department of Mathematics and Statistics.	2020
RAWE, C.C.S.H.A.U	The Rural Agricultural Work Experience (RAWE) is a part of B.Sc. (Hons.) Agriculture students primarily to understand the rural situations, the status of Agricultural tech. Adopted by farmers, farmers problems and to develop skills & attitude of working with farm	2017

	families.	
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Achievements	Year
Completed five Army Training Camps during	2013-15
NCC “C” & “B” Certificate holder with ‘A’ grade	2014-16
Attend National integration camp at (Gujarat)	2015
Inter-university Participation in ‘Football’ on Jan 2017(North zone)	2017
Faced Service Selection Board interview	2017-18

Publications	Year
Kumar, Joginder, Devi, Monika, Verma, Deepika, Malik, D. P., and Sharma, Ajay., 2021, "Pre-harvest forecast of rice yield based on meteorological parameters using discriminant function analysis." <i>Journal of Agriculture and Food Research</i> 5: 100194	2021
Sharma, Ajay, Kumar, Joginder, Kumar, Narender, Sharma, Nitin., Chetna., Kumar, Pawan., 2022, Prediction of Wheat Yield using Ordinal Logistic Regression Based on Weather Parameters. <i>Environment and Ecology</i> 40 (3D) 1880—1885.	2022*
Sanjeev, Kundu, R., Preeti, & Sharma, A. (2022). Development of Seasonal ARIMA Model to Predict Wholesale Price of Rice in Delhi Market. <i>Current Journal of Applied Science and Technology</i> , 41(48), 155-161.	2022
Malik, K.; Sharma, A.; Dandu, H.K.; Rani, V.; Arya, N.; Malik, A.; Rani, S.; Sangwan, P.; Bhatia, T. Deciphering the biochemical and functional characterization of rice straw cultivars for industrial applications. <i>Heliyon</i> 2023 , 9, 16339.	2023
Malik, K., Rani, V., Arya, N., Sharma, A., Malik, S., Sangwan, P., & Bhatia, T. (2023). EVALUATION OF NON-STRUCTURAL CARBOHYDRATES OF RICE STRAW CULTIVARS IN AGRO-CLIMATIC ZONES OF HARYANA. <i>Environmental Engineering & Management Journal (EEMJ)</i> , 22(8).	2023
Godara, M., Khichar, M. L., Sharma, A., Yadav, A., & Jakhar, A. (2023). Effect of Sowing Time and Plant Spacing on Microclimate Profile, iPAR and Yield in Bt Cotton. <i>Environment and Ecology</i> , 41(4B), 2734-2741.	2023*
Rawat, P., Sharma, A., & Godara, M. (2023). Forecasting of Productivity of Pulse Crops in India: A Nonlinear Approach. <i>Current Journal of Applied Science and Technology</i> , 42(15), 12-17.	2023
Sanju, Rawat, P., Kumar, M., & Sharma, A. (2023). Estimation of population mean using auxiliary information: A simulation approach.	2023*
Bhanwala, V., Tehlan, S. K., Panghal, V. P. S., Mor, V. S., Hooda, V. S., Negi, P. S., & Sharma, A. (2023). Effect of sowing time, nitrogen level and cutting on leaf size parameters in Beet leaf (<i>Beta vulgaris</i> var. <i>bengalensis</i>).	2023*
Gaveri., A., Sharma., R., J., Kumar, S., Singla, A., Chaudhary, D. R., & Sharma, A. Storage Behavior of Guava Varieties Based on Biochemical Parameters.	2023
Chetna, Pushpa, Aditi, Nisha, Sharma, A., & Devi, M. (2023). Development of Weather based Yield Models for Wheat Crop in Western Zone of Haryana. <i>International Journal of Education and Management Studies</i> , 13(2), 131-136.	2023
Chetna, Devi., M., Aditi, & Sharma, A. (2023). A study on impact of climate change on rice yield.	2023
Preeti, H. P., & Sharma, A. (2023). Multi-objective fuzzy linear programming techniques: A critical review.	2023
Sharma, A., Kumar, J., Redhu, M., Kumar, P., Godara, M., Ghiyal, P., ... & Rahimi, M. (2024). Estimation of rice yield using multivariate analysis techniques based on meteorological parameters. <i>Scientific Reports</i> , 14(1), 12626.	2024

Book Chapter	Year
Ordinal Logistic Regression and its Applications in Crop Yield Forecasting, Ajay Sharma	2022

and Joginder Kumar (Advanced Statistical Methods For Agricultural And Biological Sciences)	
Principal Component and Discriminant Function Analysis: Chetna, Puspha, Aditi, Sanjeev, Deepankar, Rohit Kundu and Ajay Sharma (An introduction to statistical methods and application)	2022

Personal Information	
Hobbies & Interests	Football and Badminton
Languages	English, Hindi
Contact	9728037707
Email ID	ajaystacion03@hau.ac.in
Date of Birth	2 nd Sep,1993