

DR. ASHISH KUMAR

Agricultural Economist |

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PROFESSIONAL SUMMARY

Agricultural Economist and Research Professional with expertise more than 6 years in agricultural marketing, value chain analysis, price forecasting, market integration, farmer producer organizations (FPOs/FPCs), and agricultural trade. Currently serving as Senior Research Fellow (SRF) at the Directorate of Extension Education, Dr. YSP UHF, Nauni. Author/co-author of 15+ peer-reviewed publications and actively engaged in research, extension, training, and capacity-building initiatives.

CORE COMPETENCIES

Agricultural Economics | Agricultural Marketing | Value Chain Analysis | Time Series Analysis | Price Forecasting | Market Integration Analysis | Resource Use Efficiency Analysis | Statistical Analysis | Data Collection & Survey Design | Farmer Producer Organizations (FPOs/FPCs) | Research Writing & Publication | Extension Education

RESEARCH EXPERIENCE

- Senior Research Fellow (SRF):** Directorate of Extension Education, Dr. YSP UHF, Nauni, Solan
February, 2026 – July, 2026
 - Assisting in implementation of extension and development projects.
 - Coordinating FPC-related activities and capacity-building programmes.
 - Conducting research, data analysis, and report preparation.
 - Organizing training programmes, exposure visits, workshops, and stakeholder consultations.
- Ph.D. Research Scholar**
 - Rajasthan College of Agriculture, MPUAT, Udaipur 2023 –26
 - Research Topic: Production, Marketing and Export Performance of Onion in India
- M.Sc. Research Scholar**
 - Dr. YSP University of Horticulture and Forestry, Nauni, Solan 2020-22
 - Research Topic: Value Chain Analysis of Apple in Shimla District of Himachal Pradesh

EDUCATION

Qualification	Institute	University/Board	Year of Passing	OGPA
Ph.D. (Agricultural Economics)	Rajasthan College of Agriculture	Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan	2026	8.18
M.Sc. (Agricultural Economics)	Dr. YSP UFH, Nauni, Solan	Dr. YSP UFH, Nauni, Solan	2022	8.31
B.Sc. (Hons.) Forestry	Dr. YSP UFH, Nauni, Solan	Dr. YSP UFH, Nauni, Solan	2020	7.50

RESEARCH PUBLICATIONS

1. Ashish Kumar, Monika Sharma, Chandresh Guleria and Narendra Yadav. 2023. Value Chain Analysis of Apple in Shimla District of Himachal Pradesh, India. *Journal of Scientific Research and Reports*, 30(11):166-175.
2. Ashish Kumar, Hari Singh, Latika Sharma, S.S. Sisodia, Narayna Lal Panwar, & Rajeev Bairathi. 2026. Growth Performance of Onion in India and Its Major Producing State. *Journal of Scientific Research and Reports*, 32(1), 79-88.
3. Ashish Kumar, Monika Sharma, Chandresh Guleria, Madhulika Thakur, Shivangi Upadhyay and Sunil Kumar Jakhar. 2025. An Economic Appraisal of Apple Cultivation in Shimla District of Himachal Pradesh, India. *Journal of Experimental Agriculture International*, 47(6): 704-713.
4. Manoj Kumar Sharma, Shobhana Gupta, Sunil Kumar Jakhar, Shivangi Upadhyay, and Ashish Kumar. 2025. Constraints and Farmer-recommended Interventions for Integrated Farming Systems in Dausa District, Rajasthan, India. *Journal of Experimental Agriculture International* 47(7): 500-506.
5. Dinesh Kumar, Latika Sharma, Hari Singh, Abhay Dashora, Dharma Pal Singh and Ashish Kumar. 2025. Major constraints in dairy production and marketing. *International Journal of Statistics and Applied Mathematics*, 10(7s): 31-33.
6. Mukesh Kumar Gurjar, Hari Singh, G.L. Meena, Ram Hari Meena, P.B. Singh, Sunil Kuamr Jakhar & Ashish Kumar. 2025. Constraints faced by the farmers in black gram production and marketing in Bhilwara district of Rajasthan. *International Journal of Statistics and Applied*, 10(7s): 34-37
7. Sunil Choudhary, Hari Singh, G.L. Meena, H.L. Bairwa, M.L. Ojha, Ashish Kumar and Sunil Kumar Jakhar. 2025. Growth analysis of area, production and productivity of green chilli in Jaipur district, Rajasthan. *International Journal of Statistics and Applied*, 10(7s): 27-30.
8. Abhay Singh Rana, Monika Sharma, Chandresh Guleria, Sunil Kumar Jakhar, Madhulika Thakur and Ashish Kumar. 2025. Value Chain Analysis of Pea in Solan District of Himachal, India. *Journal of Scientific Research and Reports*, 31(6): 1000-1007.
9. Manoj Kumar Sharma, Shobhana Gupta, Ankita Khakhal, Naveen Pooniya and Ashish Kumar. 2025. Adoption Potential of Integrated Farming Systems: A Socio-Economic Study of Farmers in Dausa District of Rajasthan. *Journal of Scientific Research and Reports*, 31(7): 544-552.
10. Ritika Gautam, Upender Singh, Shardha Chauhan, Ashish Kumar, Priyanshi and Riya. 2026. Sustainable Productivity and Profitability Enhancement through Liquid Organic Manures in a Pea, Spinach and Coriander Cropping Sequence. *Journal of Scientific Research and Reports*, 32(3), 406-413.
11. Deepak Kumar Jain, Shirish Sharma, Deepak Meena, Ashish Kumar and Dimpal Kumari. 2026. Constraints of Organic Farming Practices Adoption in Southern Rajasthan, India. *Asian Journal of Agricultural Extension, Economics and Sociology*, 44(2), 75-81.
12. Kana Ram Choudhary, Vikram Yogi, Rishab Pratap Singh, Sourabh Dadhich and Ashish Kumar. 2026. Spatial and Temporal Trends of Mean Rainfall and Temperature of Rajasthan, India. *Archives of Current Research International*, 26(1): 334-342.
13. Shivangi Upadhyay, Priyanka Yadav, Ashish Kumar, Sunil Kumar Jakhar and Rakesh Kumar Jakhar. 2026. Cost and Return Analysis of Wheat Crop Under Solar Irrigation in Udaipur, Rajasthan, India. *Plant Archives*, 26(1): 2838-2844.
14. Sunil Kumar Jakhar, Ashish Kumar, Riya, Rishab Pratap Singh, Manoj Kumar Sharma and Rakesh Kumar Jakhar. 2025. An Analysis of Farm Efficiency of K V K Adopted and Non-Adopted Farmers in Jhansi District of Uttar Pradesh India. 2025. *Plant Archives*, 26(1): 2256-2260.
15. Thakur, M., Sharma, S., Nidhi, Kumar, A., Lalenui., Thakur, A. and Sakshi. 2026. An assessment of India's apple crop trade performance and dynamics in global market. *Plant Archives*, 26(1): 777-783.
16. Mankotia, S., Meena, G. L. and Kumar, A. Growth and decomposition analysis of area, production and yield of maize in Udaipur, Rajasthan, India. *Journal of Scientific Research and Report*, 32(7): 462-468.

ENGLISH ARTICLES AND BOOK CHAPTERS

1. Sharma, M., Kumar, A., and Guleria, C. *Plasma Agriculture: Pioneering Sustainability Through a Revolutionary Agricultural Approach*. *Indian Farming*.
2. Kumar, D., Sharma, L., and Kumar, A. Modernizing Agriculture: How Technology Drives Production and Marketing Success. *International Journal of Scientific Research and Management*.
3. Kumar, A. and Sharma, M. Concept of Sustainable Development: Economic Perspective and Sustainability Indicators. In: *Economic Prosperity and Sustainability in India*.
4. Kumar, A. and Gautam, R. Cultivating Kasturi Methi: A Comprehensive Approach. *Agri Articles*.
5. Kumar, A. and Jakhar, S.K. Evolution and Impact of Agricultural Commodity Futures Trading in India: History, Structure and Farmer Outcomes. *Greenaria*.
6. Jakhar, S.K. and Kumar, A. Groundwater Depletion and Sustainable Management Strategies in the Semi-Arid Sikar District of Rajasthan. *Greenaria*.

7. Sharma, R.K., Upadhyay, S., and Kumar, A. Sustainable Farming Practices and Their Economic Viability. In: *Digital Agriculture and Rural Transformation*.
8. Jakhar, S.K., Kumar, A., and Sharma, M.K. Rooftop Farming: Best Option for Smart Urban Agriculture. *Greenaria*.
9. Jakhar, S.K., Kumar, A., and Gora, M.K. Artificial Intelligence Tools for Agricultural Empowerment: Machine Learning. *Greenaria*.
10. Sharma, M.K., Kumar, A., and Jakhar, S.K. A Comprehensive Overview of Coffee Cultivation and Post-Harvest Management in India. *Agri Articles*.
11. Sharma, M.K., Kumar, A., and Bochalya, S.S. Protected Cultivation in Agriculture: Empowering Sustainable Growth. *Agri Articles*.
12. Sharma, M.K., Kumar, A., and Jakhar, S.K. Amla (*Emblica officinalis*): Traditional Wisdom and Modern Value Addition. *Agri Articles*.

HINDI ARTICLES

1. Kumar, A. पॉली हाउस, पॉली हाउस क्या है, पॉली हाउस के प्रकार, खेती और उगाई जाने वाली फसलें/कृषक आराधना।
2. Kumar, A. एफआरपी (FRP) क्या है, उचित एवं लाभकारी मूल्य से किसान को होने वाला फायदा/कृषक आराधना।
3. Kumar, A. बीज रोपाई के तीन तरीके/कृषक आराधना।

ATTAINMENT/PARTICIPATION/AWARD

1. Presented a research paper at the International Conference on the 38th National Conference on Agricultural Marketing, organized by the Indian Society of Agricultural Marketing, Hyderabad.
2. Participated in the International Conference on the 5th International Conference on Climate Change and its Impact.
3. Presented a research paper at the National Seminar on Marketing of Non-Timber Tribal Forest Products, organized by ISAM (Rajasthan Chapter) and RCA, MPUAT, Udaipur.
4. Participated in the International Conference on the 9th International Conference on Approaches in Agricultural, Biological and Applied Sciences for Sustainable Development.
5. Completed a **Ten-Day Research Methodology Course for Ph.D./PDF Scholars** in Social Sciences, organized by the Department of Economics, Banasthali Vidyapith, sponsored by ICSSR, New Delhi.
6. Participated in the International Conference on the 6th International Conference on Strategies and Challenges in Agricultural and Life Sciences for Food Security and Sustainable Environment.
7. Attended a **One-Day University Level Workshop on "Skills for Effective Extension Services Functionaries"**, organized by the Directorate of Extension Education, Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni, and sponsored by ICAR-ATARI, Ludhiana (13 March 2026).

SOFTWARE & ANALYTICAL SKILLS

- EViews
- SPSS
- MS Excel
- Time Series Analysis
- Cointegration Analysis
- Econometric Analysis
- Data Visualization

LANGUAGES

Hindi (Native) | English (Proficient - Read, Write, Speak)