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Important Research Publications

- Rahul Banerjee, Bharti, Pankaj Das, Kaustav Aditya, Bulbul Ahmed, Sarita Devi, Abhilasha Rangi and Ankita. 2026. A study of the Statistical Trends and Trade Dynamics of Sericulture in India. *Agricultural Science Digest* 46(02): 01-09.
- Saurabh Sharma, Bhupender Dutt, DR Bhardwaj, Yash Pal Sharma, Rajneesh Kumar, Jayshree Behera, Sarita Devi. 2025. Enhancing biomass-derived oleoresin yield and quality through chemical stimulants and tapping methods in *Pinus roxburghii* Sargent. *Biomass and Bioenergy* 204: 108379-108400.
- Jai Pal Sharma, Sanjeev Thakur, Hari Paul Sankhyan, Sarita Devi, Shikha Bhagta, Lalit Thakur, Divya Mehta and Sapna Thakur. 2025. Altitudinal, latitudinal and environmental impact on adaptive and morphological characters in Indian willow (*Salix tetrasperma* Roxb.). *Israel Journal of Plant Sciences*, 72(3-4): 188-204.
- Jyoti Chaudhary, Swapnil Gupta, Sarita Devi, Rohit Shelar and Sonali Katoch. 2025. Market arrival and price behaviour of major vegetables in Regulated sub market yard Baijnath, Himachal Pradesh, India. *Economic Affairs* 70(02): 225-235.
- Rahul Banerjee, Bharti, Pankaj Das, Samir Barman, Sarita Devi and Ankita. 2024. Comprehensive Analysis of Millets in India: Area, Production, Cost of Production and Export Statistics. *Current Agriculture Research Journal* 12(3): 1181-1192.
- Bharti, Rahul Banerjee, Pankaj Das, Sarita Devi, Ankita, Bulbul Ahmed and Nitin Varshney. 2024. Randomized response technique in agricultural surveys. *International Journal of Statistics and Applied Mathematics* 9(3): 95-98.
- Jyoti Chaudhary, Kalpna Thakur, Rohit Shelar, Rajat Singh, Rimpika, Sarita Devi and Swati Verma. 2024. Food Security in India: Milestones Achieved So Far. *Archives of Current Research International* 24(5): 480-493.
- Bharti, Kaustav Aditya and Sarita Devi. 2023. Marketing Analysis of apple crop in High Hills of Himachal Pradesh. *Current Science* 125(5): 530-535.
- Neha Thakur, Priyanka Thakur, Rajeev Kumar, and Sarita Devi. 2024. Natural Formulation and Chemical as Pre-Sowing Treatment affecting seed quality of Finger Millet (*Eleusine coracana* L. Gaertn). *Plant Archives* 24(1): 1151-1157.
- Smriti Bansal, P.K Mahajan, R.K Gupta, Ashu Chandel, Pramod Kumar, and Sarita Devi. 2024. Variability analysis and PCA studies for fruiting behaviour in high density guava. *Indian Journal of Horticulture* 81(1): 19-24.
- Rahul Banerjee, Pankaj Das, Bharti, Smriti Bansal, Ankita, Sarita Devi, Sanghamitra Pal and Tauqueer Ahmad. 2024. Prediction approach in repeated measurement surveys: A methodological exploration. *International Journal of Statistics and Applied Mathematics* 9(2): 200-203.

- Bharti, Rahul Banerjee, Pankaj Das, Sarita Devi, Ankita, Bulbul Ahmed, and Nitin Varshney. 2024. Randomized response technique in agricultural surveys. *International Journal of Statistics and Applied Mathematics* 9(3): 95-98.
- Bharti, Pankaj Das, Rahul Banerjee, Tauqueer Ahmad, Sarita Devi and Geeta Verma. 2023. Artificial Neural Network Based Apple Yield Prediction Using Morphological Characters. *Horticulturae* 9(4):1-12.
- Sarita Devi, RK Gupta, YC Gupta, Ashu Chandel, Bharti, Smriti Bansal and AjayRattan. 2022. Assessment of relative contribution of growth and flowering characteristics of *Gladiolus hybrida* using Principal Component Analysis. *Scientist* 1(3): 281-87.
- Sarita Devi, R.K Gupta, P.K Mahajan, YC Gupta, Ashu Chandel and Smriti Bansal. 2022. Stability Analysis of Plant Density and Frequency of Foliar Nitrogen Application of Nitrogen in *Gladiolus Hybrida*. *Indian Journal of Ecology* 49(1): 104-7.
- Sarita Devi, PK Mahajan, RK Gupta, Ashu Chandel, Ajit Sharma, Smriti Bansal* and Vinay TV. 2022. Role of agriculture in socio-economic development: A case study of Mid Hills, Sub Humid Zone of Himachal Pradesh. *Agro-economist- An International Journal* 9(02):01-06.
- Vinay TV, RK Gupta, DK Swaln, C Bohidar, B Sahoo, B Satapathy, Ashu Chandel, Sarita Devi, Smriti Bansal, Ajay Rattan, Dibyabharati Sahoo, K Sahoo. 2022. Apple Price Forecasting Using Different Time Series Models For Solan Market, HP, India. *Agricultural Mechanization in Asia* 53(08): 9283-90.
- Smriti Bansal, PK Mahajan, RK Gupta, Ashu Chandel, Sarita Devi* and Ajay Rattan. 2022. Standardization of Sampling Technique for the Estimation of Guava Production in Himachal Pradesh. *Current Journal of Applied Science and Technology* 41(21): 27-34.
- Ajay Rattan, PK Mahajan, RK Gupta, Ashu Chandel, Sarita Devi*, Smriti Bansal and TV Vinay. 2022. Optimum Stratification for Estimation of Mango Production in Himachal Pradesh. *Current Journal of Applied Science and Technology* 41(23): 1-9.
- Ajay Rattan, PK Mahajan, RK Gupta, Anju Sharma, Smriti Bansal, Sarita Devi and TV Vinay. 2022. Stratification in ratio estimators: A practical approach. *Current Journal of Applied Science and Technology* 41(30): 1-9.
- Sarita Devi, RK Gupta, Ashu Chandel, Smriti Bansal and Ajay Rattan. 2021. Assessment of the relative contribution of growth and flowering characteristics of *Gladiolus hybrida* using factor analysis. *The Pharma Innovation Journal* 10(2): 724-26.

- Smriti Bansal, RK Gupta, Ashu Chandel, Sarita Devi* and Ajay Rattan. 2021. Stability and adaptability of growth characters of carnation (*Dianthus caryophyllus* L.) varieties using stability models. *The Pharma Innovation Journal* 10(5): 1713-17.

Awards & Recognitions

- Gold medal in PhD for securing overall first rank in the university during 2018-2022.
- Awards of excellence on 35th, 36th and 37th foundation day of Dr YS Parmar UH&F, Nauni.
- Special Guest Award for Academics on International Women's Day, 2022.
- Young Professional Award 2022 on 5th International Conference on Advances in Agriculture Technology and Allied Sciences for the poster presentation on "Assessment of the relative contribution of growth and flowering characteristics of *Gladiolus hybrida* using factor analysis".