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**Important Research Publications**

- 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 Ajay Rattan. 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 35<sup>th</sup>, 36<sup>th</sup> and 37<sup>th</sup> 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".