

Dr Anju Sharma

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Specialization: Applied Statistics (Sampling, Design of Experiments, Statistical modelling)

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Important Research Publications

- Kumar R, Chandel A, Shankar SV, Chandel RS, Gupta RK, Thakur NS, Verma SC, Sharma S, Sharma A, Thakur V, Mishra N, Yadav AK, Chauhan VR, Jaswal R. 2023. Outcomes of natural farming in Shimla district of Himachal Pradesh: A case study. *Scientist* **4**(4): 316-331. <https://doi.org/10.5281/zenodo.7831105>.
- Sharma P, Sharma P, Dhiman SR, Dogra RK, Sharma A and Rana N. 2023. Variability and association studies among carnation mutants (*Dianthus caryophyllus* L.) in Northwestern Himalayas. *Genetic Resources and Crop Evolution*. <https://doi.org/10.1007/s10722-023-01546-3>.
- Sharma A, Verma MR and Sharma SK. 2022. Modeling on apple production in Himachal Pradesh. *Journal of Indian Society of Agricultural Statistics* **76**(2): 59-65.
- Karn M, Sharma SK, Handa A, Sharma A, Sharma S and Sharma U. 2022. Lytic bacteriophages in preventing the bacterial blight of pomegranate caused by *Xanthomonas axonopodispv. punicae*. *Vegetos*. <https://doi.org/10.1007/s42535-022-00451-x>.
- Karn M, Sharma SK, Pal J, Devi S, Sharma A and Sharma N. 2022. Efficacy of induced resistance chemicals in triggering defense mechanism of pomegranate plants against the pathogenic bacterium *Xanthomonas axonopodispv. punicae*. *The Pharma Innovation Journal* **11**(3):1656-1664.
- Pal J, Sharma SK, and Sharma A. 2022. Eco-friendly management of white root rot (*Dematophoranecatrix*, Hartig) of apple with selected organic formulations in Himachal Pradesh, India. *Vegetos* <https://doi.org/10.1007/s42535-022-00394-3>.
- Sharma A, Mahajan PK, Chandel A, Gupta RK and Verma G. 2021. Appropriate statistical distributions for yield and important auxiliary characters in apple. *Journal of Indian Society of Agricultural Statistics* **75**(2): 93-103.
- Pal J, Sharma SK, Sharma R, Devi S, Sharma R, Raj H, Karn M, Verma S, Vedula PR and Sharma A. 2020. Screening, identification and colonization of fungal root endophytes against *Dematophoranecatrix*: A ubiquitous pathogen of fruit trees. *Egyptian Journal of Biological Pest Control* **30**(112).
- Sharma A and Sharma D D. 2001. Attitude of working women-a case study. *Indian Research Journal of Extension Education* **1** (2): 54-61.
- Chand R and Sharma A. 1994. Statewise trends in rural income, output growth and input in Indian agriculture. *Agricultural Economics Research Review* **7**(1):11-24.

Books and Manuals

- Sharma A and Bhardwaj SV. 2006. *Introduction to Computer Basics*. Publication: BTIS

Sub-DIC Dr YS Parmar University of Horticulture & Forestry, Nauni- Solan H. P. India. 250p.

- Sharma A and Mahajan PK. 2022. *A Textbook of Mathematics*. Publication: Department of Basic Sciences, Dr YS Parmar University of Horticulture & Forestry, Nauni- Solan H. P. India. 250p.
- Sharma SK, Pal J and Sharma A. 2022. Seb ke safed jad sadan rog ka ekikrit prabandhan. Publication: Department of Plant Pathology, Dr YS Parmar University of Horticulture & Forestry, Nauni- Solan H. P. India. 32 p.

Awards & Recognitions

- Received best poster award for “Sharma A and Mahajan PK. 2019. Probability distributions for optimization of apple yield in Himachal Pradesh. In 2nd International Conference on ‘Recent advances in agricultural, environmental and applied sciences for global development’, organized by Agro environmental development society, Majhra Ghat, Rampur, UP and Dr YSPUHF at Dr Y S Parmar University of Horticulture and Forestry, Nauni, Solan, HP”
- Provided technical expertise as a Statistician to NABCONS , New Delhi for the research study by Ministry of Food Processing Industries, GOI, entitled, “Study to determine postharvest losses of agri produce in India”. Report has been published and is available online.