

## Dr VK Chaudhary

Senior Scientist



Specialization: Statistics

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### Important Research Publications

- Chaudhary VK. 2009. Dispersion of *Spilosoma obliqua* (Walker) and *Spodoptera litura* (Fabr.) in soybean field. *Pest Management and Economic Zoology- An International Journal* **17**(2):133–139.
- Chaudhary VK. and Tuteja RK. 2007. Statistical studies on fitting probability distributions to simulated data of economic boiler traits. *Journal of Statistics and Management System* **10**(1):23-32.
- Chaudhary VK. 2007. Statistical modelling and forecasting. Proceeding of National seminar on statistics and its application. Department of mathematics, SLIET, Longowal, Sangrur (Punjab):160-168.
- Chaudhary VK. 2006. Curvilinear models for time series analysis and prediction of vegetables production. *Journal of Indian Society of Agricultural Statistics* **60**(3):202.
- Chaudhary VK. 2006. Estimation of population density of some insects-pest of soybean. *Pest Management and Economics Zoology- An International Journal* **14**(1&2):107-113.
- Chaudhary VK. 2006. Standardization of sampling procedure for selection of tree and estimation of plum production. *Annals of Experimental Agriculture and Allied Science* **1**(2):182-185.
- Chaudhary VK. 2006. Non-normal probability distribution of real data of important broiler trait. *Journal of Indian Society of Statistics and Operations Research* **XXVII**(1-4):25-33.
- Chaudhary VK. 2004. A study of analysis of variance assumptions. *Sri-Lankan Journal of Applied Statistics* **5**:63-74.
- Chaudhary VK and Seghal SK. 2004. Factor analysis in relation to essential oil and growth traits in tagets minuta L. *Indian Perfumer* **48**(3):303-310.
- Chaudhary VK and Seghal SK. 2004. Application of principal component analysis in wild marigold (*Tagets minuta* L). *Journal of Non- Timber Forest Product* **11**(4):262-267.

### Books and manuals

- Chaudhary VK. 2015. Multivariate analysis techniques for forestry scientific research. Mathematical modelling, Optimization and Information Technology. Lambert Academic Publishers, Germany.pp.413-444. ISBN:978-3-659-71422-1, Om Prakash(Ed).
- Chaudhary VK and Sharma Ajit. 2015. Prediction model(s) to apple crop for Himachal Pradesh- An empirical study. Mathematical modelling, Optimization and Information Technology. Lambert Academic Publishers, Germany.pp.389-412. ISBN:978-3-659-71422-1, Om Prakash (Ed).
- Chaudhary VK. 2019. Computer programs development for sample survey designs and applications. Recent Trends in Mathematical Modelling. Lambert Academic Publishers, Germany. pp.95-106. ISBN: 978-620-0-09250-2. R.K.Tuli(Ed).
- Chaudhary VK. 2019. Computer programs development for non-normal probability distributions and applications. Recent Trends in Mathematical Modelling. Lambert Academic Publishers, Germany. pp.107-126. ISBN: 978-620-0-09250-2. R.K.Tuli(Ed).

- Chaudhary VK. 2015. Multivariate analysis techniques for forestry research. Statistics in Forestry: Methods and Applications. Published by Tropical Forest Research Institute (ICFRE), Jabalpur. p. 65-77. ISBN: 978-93-84743-83-3. Girish Chandra, Raman Nautyal, Hukum Chandra, Nilanjan Roy Choudhury & Naseer Mohammad (Ed).

## **Awards & Recognitions**

- **Distinction** in General Mathematics in High School Examination, U.P. Education Board, Allahabad.
- **Distinction** in Mathematics and Elementary Statistics in Intermediate Examination, U.P. Education Board, Allahabad.
- **Graduate Teaching Assistantship** awarded by the GB Pant University of Agriculture & Technology, Pantnagar during M.Sc. degree programme.
- **Best Paper Presentation Award**, 2007 for the paper entitled “Development of Computer Programs for Sample Survey Designs- A Study” in the National Conference on information Technology and Operational Research Applications, organized by the Indian Society of Information Theory and Applications (ISITA), New Delhi in collaboration with *Mathematika* Sciences Society of India, Graduate School of Business and Administration, Greater Noida, December 8-9, 2007.
- **Member** of Board of studies, College of Forestry, Dr. YS Parmar University of Horticulture & Forestry, UHF, Nauni, Solan (H.P) for two years (i.e. 2004-2006).
- **Member** of Board of Studies, College of Horticulture & Forestry, Neri, Hamirpur (H.P), under Dr. YS Parmar University of Horticulture & Forestry, Nauni, Solan (H.P) for four years (i.e. 2015-2017) and again for two years ( i.e.2017-2019).
- **Member** of Academic Council, Dr. YS Parmar University of Horticulture & Forestry, Nauni, Solan for two years (2016-18).