Dr. Sanju
Mob.No- 8221958456
sanjukularia111@gmail.com



Career Objective

To pursue a long-term career in the field of education that provides opportunities for professional growth, while contributing to innovative teaching practices and staying aligned with cutting-edge educational advancements.

Subject Specialization: Regression, Statistical Inference, Applied Statistics

Programming Skills: R Studio, Statistical Tools (SPSS, SAS), Python

Current Position

Assistant Professor, (Contractual) Department of Statistics and Data Science, M.D. University, Rohtak-124001, Haryana, India

Work Experience:-

Assistant Professor, (Statistics) Guru Kashi University (NAAC A++) Talwandi Sabo, Bathinda, Punjab – 151302 from 25 April 2024 to 15 July 2026

Educational Qualification

- Ph.D (Statistics) from Department of Mathematics & Statistics, CCS HAU Hisar, Haryana
- M.Sc (Statistics) 2017-2019 from Department of Mathematics & Statistics, CCS HAU, Hisar, Haryana
- B.Sc Hons. (Agriculture 4-years) 2013-2017 from College of Agriculture, CCS HAU Hisar,Haryana

Research Publications

Research Paper Published

1. Kumari, S., Kumar, V., Sheoran, O., & Sanju. (2026). An Intelligent Hesitation-Weighted Fuzzy Framework For Multi-Objective Reliability Optimization. International Journal of Artificial Intelligence and Machine Learning, 6(5s), 514–523. https://doi.org/10.51483/IJAIML.6.5s.2026.514-523 **Scopus Indexed**

2. Walia, T. S. . ., Kumar, V. . ., Kumari , P. ., Sanju, & Kumar , N. . (2025). A Holistic Framework for Automated Answer Scoring: Unifying Syntactic and Semantic Analysis. International Journal of Basic and Applied Sciences, 14(2), 572-576. https://doi.org/10.14419/f18ev204 **Scopus Indexed**

3. "Evaluating the Performance of Bayesian Approach for Imputing Missing Data under different Missingness Mechanism" Paper Published in Sankhya B – The Indian Journal of Statistics is a quarterly journal from the Indian Statistical Institute. Volume 86, Page No 713-723, https://link.springer.com/article/10.1007/s13571-024-00344-w **Scopus Indexed**

4. "Evaluation of Imputation Techniques for Genotypic Data of Soybean Crop Under Missing Completely at Random Mechanism" in Indian Journal of Agricultural Research. Volume 57 Issue 5 Page No 701-05 (ISSN: 0367-8245) **Scopus indexed journal NAAS Rating:5.20** **https://arccjournals.com/journal/indian-journal-of-agricultural-research/A-6094**

5. "Comparative Study of Various Imputation Techniques for Crop Productivity" in Research Journal of Agricultural Sciences, Vol-14 (2):456-59, May 2023. (ISSN: 0976-1675) **UGC Care List Journal NAAS Rating: 4.50** http://rjas.org/Article/Article/5467

6. "Analysis of Incomplete Data under Different Missingness Mechanism Using Imputation Methods for Wheat Genotypes" in Current Agriculture Research Journal. **UGC Care List Journal (ISSN:2347-4688) NAAS Rating :4.36** http://dx.doi.org/10.12944/CARJ.11.3.33

7. "Non-Linear Growth Models for Acreage, Production and Productivity of Food-grains" in Haryana in Journal of Experimental Agriculture International, Vol-45(7):1-8, April 2023. (ISSN:2457-0591). **NAAS Rating: 4.89** **https://journaljeai.com/index.php/JEAI/article/view/2126**

8. "Forecasting of Productivity of Pulse Crops in India: A Nonlinear Approach" in Current Journal of Applied Science and Technology, Vol-42(15):12-17, January 2023. (ISSN: 2457-1024) **NAAS Rating: 4.71** https://journalcjast.com/index.php/CJAST/article/view/4122

9. "Forecasting food grains yield in Haryana: A time series approach" in The Pharma Innovation Journal 2022; SP-11(4): 230-235, March 2022. (ISSN: 2349-8242) **NAAS Rating: 5.23.** **https://www.thepharmajournal.com/specialissue?year=2022&vol=11&issue=4S&ArticleId=11816**

Book Chapter Published

1. "Introduction to AI Approaches" in "Foundations and Modern Approaches in Artificial Intelligence" ISBN: 978-984-35-8287-4" DOI: https://doi.org/10.5281/zenodo.17239871

2. "Partially Balanced Incomplete Block Designs" of published book entitled "Research Trends in Multidisciplinary Research (Volume - 43)" having ISBN 978-93-5570-648-5. DOI: https://doi.org/10.22271/ed.book.2174

3. "Linear Mixed Effect Model" in "Research Trends in Mathematics and Statistics (Volume - 21)" having ISBN 978-93-5570-521-1 DOI: https://doi.org/10.22271/ed.book.2165

Research Paper Presented in the Conferences / Seminar:

1. Presented a research Paper entitled "Deep Learning for Abusive Comment Analysis" in First Global Summit on Innovation an Research (2025) organized in Collaboration with the COPAL Publishing Group, during Oct. 25-26, 2025

2. "Missing Value Imputation in Multi-environment Yield Trials" presented in International Conference on "Precision Agriculture" organized by SVIAg, SVVV, Indore (M.P.) during September 26-27, 2022.

3. **"**Comparison of Imputation Methods under Missing completely at Random Mechanism" presented in International Conference on 'RAIBAS-2022' organized at SGT University Gurugram (HR) during June 14-16, 2022.

4. "Automorphism of Metabelian Groups of Order Less than or Equals to 24" presented in One Day National Seminar on 'Recent Development on Mathematics' organized by Dept. of Mathematics, Government College Hisar on February 20, 2023.

5. "A Novel Approach for Evaluation of Data Imputation Techniques in Multi-environment Yield Experiments" presented in One Day National Interdisciplinary Seminar on 'RIETPED' organized by Dept. of Computer Science, Government College for Women's, Hisar on December 09, 2022.

Patents

1. Title: Smart Construction Helmet
   Serial No.: 204774
   Design No. : 451841-001
   Date: 18/03/2025
   Date of Issue: 17/07/2025 (Certificate Granted)

Extra-Curricular Activities

- NSS Annual Camp Certificate 2015
- Certification in Basic Computer 2014
- Certificate of "RAWE Industrial Training Programme" from 25 March to 29 April 2017 at Guava Demonstration Centre Horticulture Department, Haryana
- Got 2nd position in Volleyball (W) in XVII All India Inter Agricultural Universities Sports and Games Meet, 2016-17 CCS HAU, Hisar-125004 India.

Dr. Sanju **Date: 15 Sep. 2026**