


Name of the Faculty Dr. Abhishek	
Photo 	Designation and Department : Assistant Professor (Ad-hoc), Department of Statistics
	Education and Training: Ph. D. (Statistics)
Contact info Mobile: 9416298130 Email: stat.abhi@gmail.com	Teaching Experience: 03 years Areas of Interest Teaching: Linear Algebra, Real Analysis, Time Series Analysis and Multivariate Analysis Research: Information Theory and Biostatistics
Subjects Taught: Time Series Analysis, Mathematical Analysis, Sampling Distributions, Algebra, Multivariate Analysis and Nonparametric Methods	
Research Publications: Annexure-I	
Conferences-Seminars Presentations and Participations: Annexure-II	
Administrative Responsibilities: Annexure- III	
Any Link for Detailed CV (ex: Google Drive link): https://sites.google.com/view/abhishek-sheoran/home	

Annexure-I

Research Publications

- i. Sharma S, Dahiya B, Vishnubhatla S, Singh N, Raj A, **Sheoran A**, Yadav A, Gupta KB, Mehta PK (2018). Comparative evaluation of GeneXpert MTB/RIF and multiplex PCR targeting *mpb64* and *IS6110* for the diagnosis of pleural TB. *Future Microbiology*, 13(4), 407-413. <https://doi.org/10.2217/fmb-2017-0147> (**SCI Indexed**).
- ii. Sharma O, Gupta P, **Sheoran A** (2017). Dimensionality reduction using fuzzy soft set theory. *International Journal of Statistics and Reliability Engineering*, 4(2), 154-158.
- iii. Sharma S, Raj A, Singh S, Dahiya B, **Sheoran A**, Gupta KB, Mehta PK (2017). Development of real time immuno-PCR for the quantitative detection of mycobacterial PstS1 in tuberculosis patients. *Journal of Microbiological Methods*, 132: 134-138. <https://doi.org/10.1016/j.mimet.2016.12.006> (**SCI Indexed**).
- iv. Mehta PK, Singh N, Dharra R, Dahiya B, Sharma S, **Sheoran A**, Gupta KB, Chaudhary D, Mehta N, Varma-Basil M (2016). Diagnosis of tuberculosis based on the detection of a cocktail of mycobacterial antigen 85B, ESAT-6 and cord factor by immuno-PCR. *Journal of Microbiological Methods*, 127: 24-27. [https://doi:10.1016/j.mimet.2016.05.003](https://doi.org/10.1016/j.mimet.2016.05.003) (**SCI Indexed**).
- v. Singh N, Sreenivas V, **Sheoran A**, Sharma S, Gupta KB, Khuller GK, Mehta PK (2016). Serodiagnostic potential of immuno-PCR using a cocktail of mycobacterial antigen 85B, ESAT-6 and cord factor in tuberculosis patients. *Journal of Microbiological Methods*, 120: 56–64. <https://doi:10.1016/j.mimet.2015.11.016> (**SCI Indexed**).
- vi. **Sheoran A**, Chetan (2015). A Demographic Study of Haryana over Approaching Decade. *International Journal of Applied Mathematics and Statistical Sciences*, 4(2) 37-42.

- vii. Gupta, P, **Sheoran A** (2014). Harmonic measure of fuzzy entropy and their normalization. *International Journal of Statistika and Matematika*, 10(3): 47-51.
- viii. Gupta, P, **Sheoran A** (2014). Some new parametric fuzzy entropies. *International Journal of Fuzzy Mathematics and Systems*, 4 (3): 293-298.

Annexure-II

Conferences-Seminars Presentations and Participations

- i. National Workshop on Scientific Computational Techniques (SCT) organized by Department of Mathematics and Statistics, School of Basic Sciences, Manipal University, Jaipur during July 20-22, 2017.
- ii. National Conference on Statistics and Optimization Techniques (NCSOT) organized by Department of Statistics, M. D. University, Rohtak-124001 (India) and Indian Association for Reliability and Statistic (IARS) during Feb 11-13, 2017.

Research Paper: Applications of Intuitionistic Fuzzy Sets in Medical Diagnosis.

- iii. International Conference on Interdisciplinary Mathematics, Statistics and Computational Techniques (IMSCT 2016-FIM XXV) of Forum for Interdisciplinary Mathematics organized in association with Manipal University, Jaipur during December 22-24, 2016.

Research Paper: On generalized fuzzy inaccuracy measure of order- α and its application to multiple criteria decision making

- iv. Certificate for participation in the Professional Development Programme on Amity Academics Structures and Systems on December 01-02, 2016 at Amity University, Uttar Pradesh.
- v. National Workshop on “Sample Surveys and Data Analysis (Using Software- SPSS, MINITAB and R)” organized by Department of Statistics, M. D. University, Rohtak-124001 (India) and Indian Association for Reliability and Statistic (IARS) during June 13-15, 2016.
- vi. National Conference on “**Recent Trends and Developments in Statistics (NCRTDS)**” organized by Department of Statistics, M. D. University, Rohtak in conjunction with 1st Convention of Indian Association for Reliability and Statistics (IARS) during Feb. 21-23, 2015.

Research Paper: Applications of Measures of Fuzzy Entropy in Coding Theory.

- vii. 2nd National Workshop on “**Scientific Computational Techniques (SCT)**” organized by Department of Mathematics and Statistics, School of Basic Sciences, Manipal University, Jaipur during Dec. 18-19, 2014.
- viii. 2nd International Conference on “**Innovative Trends in Applied Physical, Chemical, Mathematical, Statistical Sciences and Emerging Energy Technology for Sustainable Development (APCMSET-2014)**” organized by Social Welfare Foundation in association with Krishi Sanskriti on July, 19-20, 2014.
- ix. National Seminar on “**Application and Role of Mathematics in Engineering and Social Sciences**” organized by BLJS College, Tosham on March, 26-27, 2014.

Research Paper: Factor Affecting Birth-Weight of Newborns: A Statistical Analysis.

- x. Annual Conference of “**Society of Statistics, Computer and Applications**” organized by BPS Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat held on February 24-26, 2014.
- xi. One day Seminar on the topic “**Official Statistics**” organized by Department of Statistics, M. D. University, Rohtak on Feb. 18, 2014.
- xii. National Conference on “**Recent Advances in Statistics and their Role in Finance, Actuarial Science and Other Areas**” organized by Department of Statistics, Central University of Rajasthan, Kishangarh, Ajmer on February 14-15, 2014.
- xiii. International Conference on “**Recent Trends in Material and Devises**” organized by AMITY University, Noida, India on October 30-31, 2013.
- xiv. National Seminar on “**Application and Role of Statistics in Multidisciplinary Research**” organized by Department of Statistics, Central University of Haryana, Jant-Pali, Mahendergarh on October 23-24, 2013.

Research Paper: Projected Population of Haryana.

- xv. National Conference on “**Advanced Computing Technologies**” organized by Department of Computer Science and Applications, M. D. University, Rohtak on March 30, 2013.
- xvi. “**Data Dissemination Workshop**” organized by Directorate of Census Operations, Haryana, in collaboration with Department of Sociology, M. D. University, Rohtak on March 12, 2013.
- xvii. International Conference and Symposium on “**History and Development of Mathematical Sciences**” organized by Department of Statistics, M. D. University, Rohtak on November 21-24, 2012.

Annexure-III

Administrative Responsibilities

- a. Union Advisory Committee
- b. I.T. Infrastructure Committee
- c. Foundation Day Organizing Committee