

## Department of Statistics

### Publications of the faculty members in the year 2016

#### Dr. Kapil Kumar

1. Kumar K, Garg R, Krishna H, Nakagami Distribution as a Reliability Model under Progressive Censoring. To appear in International Journal of System Assurance Engineering and Management 2016. DOI: 10.1007/s13198-0160494-3.
2. Garg R. Dube M, Kumar K, Krishna H, On randomly Censored Generalized Inverted Exponential Distribution. American Journal of Mathematical and Management Sciences 2016; 35(4): 361-379.
3. Singh, S. K., Singh, U. and Kumar, M. (2016): Reliability estimations for Poission-exponential model under Progressive type-II censoring data with Binomial removal, Journal of Statistica, LXXVI 1, 1-24,216.
4. Singh, S. K., Singh, U. and Kumar, M. (2016): Extension of exponential count model and its application to emissions of beta particles from a nuclear reaction, Isaac Scientific Publishing (ISP) Journals, 136-145,2016.
5. Singh, S. K., Singh, U. and Kumar, M. (2016): Bayesian estimation for Poission-exponential model under Progressive type-II censoring data with Binomial removal and its application to ovarian cancer data, Communications in Statistics – Simulation and Computation, 45, 3457-3475, 2016.

#### Dr. Devendra Kumar

1. Dey, S., Kumar, D., Ramos, P. L. and Louzada, F. Exponentiated Chen Distribution: Properties and Estimation, Communications in Statistics - Simulation and Computation, 2016, (To appear).
2. Dey, S, Nadar, M. and Kumar D. Moments and estimation of Burr XII distribution based on generalized order statistics, Computational Statistics, 2016, (To appear).
3. Kumar, D., Shahbaz, M. Q. and Dey, S. Recurrence Relations for Moments and Estimation of Parameters of Generalized Pareto Distribution Based on Generalized Order Statistics, Journal of Applied Statistical Sciences, 2016, (To appear).
4. Kumar, D., The Singh-Maddala distribution: Properties and Estimation, International journal of system assurance engineering and management, 2016, (To appear).
5. D., Dey, S. and Ahmad, M. Upper record values from extended exponential distribution, Pakistan Journal of Statistics, 2016, (To appear).
6. Kumar, D. Exponentiated moment exponential distribution based on lower generalized order statistics, Mathematical Sciences and Applications ENotes, 2016, 4: 94-112.

7. Kumar, D.  $k$  th lower record values from of Dagum distribution, *Discussiones Mathematicae Probability and Statistics*, 2016, 36: 25-41.
8. Kumar D. The bivariate Pareto model based on ordered random variables, *Mathematical Sciences and Applications E-Notes*, 2016, 4: 79-90.
9. Dey, S., Kumar, D. and Park, C. Transmuted Gamma-Mixed Rayleigh Distribution: properties and estimation with bladder cancer data example, *Model Assisted Statistics and Applications*, 2016, 11: 293–313.