



Department of Statistics, Faculty of Mathematical Sciences

Organises a Seminar On

Statistical Methods and Applications in Interdisciplinary Areas (SMAIA)

March 8-9, 2024

In the memory of Late Prof. A. K. Bansal

About University of Delhi

The University of Delhi, established in 1922, is a premier university of the country with a venerable legacy and international acclaim for highest academic standards, diverse educational programmes, distinguished faculty, illustrious alumni, varied co-curricular activities and modern infrastructure. Over the many years of its existence, the University has sustained the highest global standards and established best practices in higher education. Its long-term commitment to nation building and unflinching adherence to universal human values are reflected in its motto: 'Nishtha Dhriti Satyam' 'निष्ठा धृति सत्यम्' (Dedication, Steadfastness and Truth). To know more about the university, [click here](#).

About the Department

The Department of Mathematical Statistics was established in August 1973 and Professor H.C. Gupta became the first Head of the Department. In 1987, the Department of Mathematical Statistics was re-named as the Department of Statistics. The first course MA in Mathematical Statistics had been started in 1957 with the Department of Mathematics by the effort of Prof Ram Behari. In 1971, the scope of post-graduate course in Mathematical Statistics was extended for the M.Sc. degree in Statistics. The M.Phil. Course in Mathematical Statistics was introduced in 1977 and the same had been continually updated covering most of the areas of Theoretical and Applied Statistics at the specialization level until the academic year 2021-22. At present, the Department offers courses for Postgraduate degree and has a Doctoral programme leading to the PhD degree. At present, there are ten faculty members in different

areas of expertise viz. Sampling Techniques, Order Statistics, Distribution Theory, Stochastic Modelling, Bio Statistics, Design of Experiments, Reliability Theory, Bayesian Statistics, Quality Control, Sequential Analysis, Survival Analysis, Mathematical Demography and Stochastic Modelling. The Department of Statistics has a placement cell which provides career launching platforms to the students aimed at employment with Governmental, Industrial and Corporate Sector.

About Prof. A. K. Bansal

Prof. Ashok K Bansal (1943-2023) was a professor at Department of Statistics, University of Delhi, India. He completed his M.Sc. from University of Lucknow, MS in Mathematics from West Virginia University, USA, MS in Statistics from Florida State University, USA and PhD from the Department of Statistics, University of Delhi. He joined the Department as Lecturer in 1970 and retired as Professor in the year 2008. He headed the Department during 2000-2003.



A pioneer in the field of Bayesian Statistics in India, he worked tirelessly for the promotion research and teaching of the subject, especially in the context of various State and Central Universities in India. He published more than 50 research papers in journals of repute and also a book titled '[Bayesian Parametric Inference](#).' He supervised 5 Ph.D. and 15 M.Phil. students. He was the President of Indian Bayesian Society and during his last years wrote many semi-popular articles on the history and philosophy of statistical thinking for the Society's Newsletter.

Objective of Seminar

To familiarize the students and researchers about the scope of Statistics in various other disciplines. Mathematical and rigorous foundations of statistical theory needed in the allied areas will be presented with specific applications which will be supplemented by exposure to modern computational techniques required for implementing statistical results. Specific talks on emerging real-life problems from various disciplines with the applications of Statistical methods will also be presented. This shall help in developing competency among students and researchers in selection of important statistical computational techniques and their uses in data analysis.

Content to be Covered

The important statistical techniques to be used in multidisciplinary areas will be covered through the invited talks by the esteemed resource persons from other Institutions. The seminar will also highlight on the contributions made by Late Prof. A.K. Bansal.

Expected Benefits

Creating awareness about the important statistical methods and their applications in observational and experimental data-based studies. Advances in theoretical Statistics useful for industrial and health research. To forge collaborations within the Statistical community and between other disciplines with statistical experts. To create a network of student and researchers.

Organizing team

Prof. Ranjita Pandey, Head, Department of Statistics (Convener)

Prof. Poonam Singh, Sr. Professor (Co-Convener)

Dr. Girish Chandra, Associate Professor (Organizing Secretary)

Dr. Devendra Kumar, Associate Professor (Joint organizing Secretary)

Dr. Mahendra Saha, Associate Professor (Joint organizing Secretary)

Dr. Dreamlee Sharma, Assistant Professor (Member)

Dr. Manoj Kumar, Assistant Professor (Member)

Dr. Sumit Kumar, Assistant Professor (Member)

Dr. Suman Jaiswal, Assistant Professor (Member)

Dr. Zuber Akhter, Assistant Professor (Member)

Ms. Swati Garg, Office Assistant (Member)

Mr. Jagat Singh, Office Attendant (Member)

Mr. Mahi, Laboratory Attendant (Member)

Registration Guidelines

- UG, PG, Ph.D. Students and faculty members having sufficient knowledge of Statistics are allowed to participate the seminar.
- Limited number of participants are allowed.
- Interested participants are required to fill the registration form herewith on or before 4th March 2024.
- After the screening, selected candidates will be informed through email.
- After selection, participants will require to deposit the Registration fee of Rs. 500 on or before March 07, 2024 in the following account and bring fee payment slip at the time of registration on March 08, 2024.
- Fees paid is **non-refundable**.

**Account NAME: REGISTRAR,
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INSTT. SEMINAR CONG**

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Registration form: Kindly [click here](#) to register.