

ANNOUNCEMENT

**NATIONAL SEMINAR ON
NEW DIMENSIONS IN STATISTICS : CONCEPTS AND ISSUES**

(NDSCI - 2012)

MARCH 2 - 4, 2012

**DEPARTMENT OF STATISTICS
FACULTY OF SCIENCE
BANARAS HINDU UNIVERSITY
VARANASI – 221005**

Convener

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The Seminar

According to some statisticians, *“Statistics is a methodological discipline. It exists not for itself but rather to offer to other fields of study a coherent set of ideas and tools for dealing with data”*. In this sense statistics is essentially an interdisciplinary subject which has been continued to remain an effective instrument for defining, measuring, analyzing, controlling and optimizing the quality of data. Real students of statistics, having a good and thorough knowledge of classical and contemporary statistical methodologies; being aware of correct and appropriate applications of statistical tools; being able to communicate their interpretations about the data as well as technical materials, always have greater access to public domain data than the general public and, therefore, are more able to connect their knowledge with the world around them. Statistics as a discipline provides the base and the basis to critical and analytical thinking skills that are both high level and creative. It provides credence and substance to our research studies. Owing to this reason, research in all fields of knowledge, all over the world, is now becoming more and more numerical and validation of it is increasingly more dependent on applications of statistical methodologies.

During last two three decades, the subject of statistics in general and applicable statistical methods and techniques in particular have undergone appropriate extensions, ramifications and modifications which have been influenced by applications of statistics in new emerging branches of knowledge to meet real – life problems of analysis, to become more efficient and even to stimulate further research in these newly emerging subject domains where significant statistical applications are taking place. This has posed challenging issues to modern statisticians for developing sophisticated statistical modeling and data analysis techniques to resolve most modern social and scientific problems. No doubt, recent advances in statistical methodologies, particularly in the modern computer – intensive technological world, has ushered a new era in the history of statistics, but still much more research is required to cope up with new kinds of data emerging from multidimensional complex types of scientific investigations, requiring mixture models as well as use of latent variables on a very large scale.

The goal of this national seminar is to associate a cross section of academics from different academic institutions, industries and national laboratories who are either the experts of the subject or the users of statistics in order to promote the exchange of ideas and information about new kinds of analytical problems coming up in all kinds of scientific investigations and ways and means of their solutions with newly developed modern tools of statistics and their concepts in the context of fast changing real world scenario.

The programme of the seminar includes (i) invited lectures by eminent statisticians on some of the advanced topics based on their current research, (ii) paper presentations by prospective authors and (iii) poster presentations. Broad areas to be covered in the seminar for paper presentation/ poster presentation are (though the list is not exhaustive) :

- ❖ **Stochastic Modelling**
- ❖ **Finite Population Sampling Theory**
- ❖ **Statistical Inference**
- ❖ **Bayesian Statistics**
- ❖ **Population Studies**
- ❖ **Econometrics**

- ❖ **Design of Experiments**
- ❖ **Life Testing and Reliability Theory**
- ❖ **Applied Statistics**
- ❖ **Official Statistics**
- ❖ **Biostatistics**

Call for Papers

Prospective authors intending to make a paper presentation on any of the above areas are requested to submit the ABSTRACT of their paper(s) not exceeding 500 words, typed on A4 size paper in MS Words DOC format positively by January 15, 2012. The abstract must contain the title of the paper, author's name and affiliation, text, key words, address for correspondence and email ID, if any. The abstract(s) may also be submitted through email on the mail ID: **ndsci_2012@yahoo.com**.

Proceedings

The papers presented during the seminar will be published in the form of a book. Soon after the seminar, such authors will be requested to send their full paper in a specific format. All the received papers will then be refereed by experts and on approval by them, these will appear in the Book.

Registration

Registration is compulsory for all the participants. The registration fee for all the participants is **Rs. 1000/-** which can be paid by a bank draft drawn in favour of **V. K. Singh, Convener, NDSCI – 2012** payable at **Bank of Baroda, B.H.U., Varanasi**. The draft along with registration form should be sent to :

Dr. V. K. Singh
Convener, NDSCI – 2012
Department of Statistics
Banaras Hindu University
Varanasi – 221005

Accommodation

The university comprises of guest houses, teacher's quarters and hostels. Due to peak season for different conferences/seminars in February/ March, the accommodation will be limited. The organizers shall try their best to provide accommodation to registered outstation participants on a first come first served basis provided they intimate us well before one month of the commencement of the seminar.

Reimbursement of T.A.

The organizers may provide T.A. as per university rules to some outstation participants, provided sufficient fund is available.

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