



International Conference on Emerging Innovations in Statistics & Operations Research

2018 EISOR

December 27-30, 2018

In conjunction with
**38th Annual Convention of Indian Society
for Probability and Statistics (ISPS)**
&
**4th Convention of Indian Association for
Reliability and Statistics (IARS)**



Organized by

Department of Statistics, Maharshi Dayanand University
Rohtak-124001, Haryana (INDIA)
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ABOUT CONFERENCE

The conference aims mainly to focus on the latest scientific and technological advancements in Statistical Theory / Operations Research concepts and its applications in different walks of life. Also it provides a common platform to bring the young researchers, academicians, practitioners and the corporate personnel whose deliberations at this statistical academic bonanza will help in enhancing the quality of statistical education in the country. The conference is scheduled to have a lot of activities like keynote address, plenary talks and invited talks. The eminent scholars of the subjects from academia, industry and management sectors will be invited for lighting innovative ideas in marching ahead to achieve global standards in leading to quality of life. Besides this, symposia on the topics on current interest and theme of the conference will be organized.

ABOUT THE UNIVERSITY

Maharshi Dayanand University was established as Rohtak University at Rohtak, Haryana is one of the India's Premier Teaching, research and consultancy Universities and has been rated by NAAC as an "A" Grade University; came into existence by an Act No. 5 of 1975 of the Haryana Legislative Assembly in 1976 with an objective to promote interdisciplinary higher education and research in the fields of environmental, ecological and life sciences in particular. It was rechristened as Maharshi Dayanand University in 1977 after the name of a great visionary and social reformer, Maharshi Dayanand. It had a unitary and residential character in its nascent stage, but became an affiliating University in November 1978. The University secured the recognition of University Grants Commission – the higher education regulatory body of India - for central Govt. grants in Feb. 1983. The University campus spread over an area of 665 Acres, is well with state-of-the-art buildings and magnificent road network, presents a spectacle of harmony in architecture and natural beauty. Educational and research programs are offered through its 38 departments. About 246 institutions / colleges of General Education, Engineering, Technology, Computer Sciences and Management Sciences located in six districts: Rohtak, Jhajjar, Gurugram, Faridabad, Palwal and Sonapat of the state Haryana are affiliated to this university. The University is located right on the Delhi Bypass with railway station being just 10 minutes drive from the Campus.

ABOUT THE DEPARTMENT

The Department of Statistics came in to existence in June, 1991. The Department, since its inception, has been working in tune with the mission of the University to promote teaching, research and consultancy. The vision of the Department is to become world class facility center in allied and specialized areas of Statistics nationally and internationally, through post graduate courses, research, expertise, publications and resources in Statistics and to cater the requirements of users of Statistics in varied fields. Besides teaching, one of the remarkable activities of the Department has been the vigorous research studies done by the faculty members and the research scholars in both the theoretical and applied Statistics. The thrust areas of research in the Department are: Stochastic Processes, Reliability Theory, Information Theory, Sampling Theory, Statistical Genetics and Econometrics. The faculty members and research scholars have to their credit hundreds of research papers published in different national and international journals of repute. At present 20 research scholars are pursuing their research work under the able guidance of the faculty members. The department has to its credit produced so far about 100 Ph.D.'s which the testimony is by any standards. As a mile stone, the department was awarded the DRS-II status by the UGC under its Special Assistance Program (SAP) in the year 2015 for its excellent research and academic activities. Number of Major / Minor research projects are being completed and some are in progress which is funded by different funding agencies of the Govt. of India.

CITY OF ROHTAK

The city Rohtak is a medium sized town of the Haryana State well connected by rail and road. It is strategically located about 75 Kms West of Delhi on the Delhi-Ferozepur railway route and Delhi-Hisar-Ganganagar National Highway No. 09. There is a 5-minute bus service between Rohtak and Delhi. The town has been flourishing ever since the creation of Haryana state in 1966, and is now known as the Education Hub of the state. The city Rohak is about 75 Km from Indira Gandhi International Airport, New Delhi. There will be a winter season during conference days and temperature will vary between 8°C - 20°C

INDIAN SOCIETY FOR PROBABILITY AND STATISTICS (ISPS)

ISPS is the largest community of statisticians in the country imparting statistical education, research, consultancy and propagation statistical science since its inception in the year 1980 at Sri Venkateswara University, Tirupati, Andhra Pradesh. The ISPS excelled in the development, application, and dissemination of statistical science through its annual conventions covering east to west, south to north in the country at various university centers coming up with its membership, publications, conduct of workshops/seminars, conferences and in advocating the importance of statistics education. The vision of ISPS is to create a world for reliable and scientific decisions that relies on data and statistical thinking while its mission is to propagate and promote Statistics and data driven approaches for sustainable development through practice.

It is also needed to elevate public awareness of the role of statistics and the benefits of engaging statisticians and in this direction the ISPS is thriving hard in taking statistics education and its importance to the general public door step, highlighting the digital platforms and social media in enhancing the statistical profile and particularly focuses its objective in coming-up with collaborative relationships with other statistical associations and forums all over the universe. The society is striving hard to establish new trends and much needed modern science and technological approaches with particular focus on Data Science for study and applications of statistical science by way of organizing many workshops, training programs and annual conventions. The ISPS also publishes its research journal through Springer publishers.

ISPS organizes many academic events / competitions at its conventions namely:

- Late Prof. P.V. Sukhatme Memorial Lecture
- Late Prof. Y.C. Narasimhulu Endowment Memorial Lecture
- Prof. A.M. Mathai Endowment lecture
- Prof. C.R. Rao Gold Medal
- Prof. A.M. Mathai Prize
- Prof. M.N. Gopalan Prize Award for Second Best Research Paper
- Prof. B.K. Kale for Third Best Research Paper
- Prof. A.R. Kamat Award for Best Doctoral Thesis
- Award for Best Project Work for M.Sc. Students
- Young Statistician Award for Best Research Paper Presentation
- ISPS Distinguished Statistician award, Fellowship and Prof. C.R. RAO life time achievement award of ISPS along with the regular Plenary Talks, Invited Lectures and Paper Presentation Programs.

INDIAN ASSOCIATION FOR RELIABILITY AND STATISTICS (IARS)

The Indian Association for Reliability and Statistics (IARS) was established in the month of January, 2014 under the Haryana Registration and Regulation of Societies Act, 2012 with the objectives to cater the requirements of Statistical education in strengthening both conceptual and its practical applications in academia and industry. Keeping in view of the present day science and technological developments particularly in the specialized areas of Reliability Theory, the academia and the engineering fraternity through IARS annually conduct its annual conferences / seminars/ workshops and meetings which provide a platform for the young practitioners of Reliability Theory for their innovative ideas and applications. The Association has been publishing its own peer reviewed and indexed Journal "International Journal of Statistics and Reliability Engineering (IJSRE)" (ISSN: 2350-0174 (Print), 2656-2378(On-line).

ISPS EXECUTIVE COMMITTEE	IARS EXECUTIVE COMMITTEE
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CONFERENCE TOPICS

The thrust areas of the conference include the following topics but not limiting to:

Actuarial Statistics	Distribution Theory	Official Statistics
Agricultural Statistics	Decision Theory	Probability Theory
Applied Statistics	Econometrics	Queuing Theory
Bayesian Inference	Financial Statistics	Reliability Theory & Modeling
Big Data Analytics	Information Theory	Sampling Theory
Biostatistics	Inventory Theory	Statistical Inference
Data Analytics	Multivariate Analysis	Stochastic Process & Modeling
Data Mining	Maintenance Engineering	Software Reliability
Data Science	Marketing Research	Supply Chain Management
Demography	Operations Research	Statistical Quality Control
Design of Experiments	Optimization Techniques	Time Series Analysis

CONFERENCE EVENTS

All the conference academic events will be organized by the ISPS. The participating universities / organizations and individual participants are requested to visit the ISPS **website: www.isps.org.in** and **1980isps@gmail.com** They also requested to contact ISPS Honorary President Prof P. Rajasekhara Reddy at **putharsr@yahoo.co.in**, President Prof C. Umashankar at **cumaor@rediffmail.com** and Secretary Prof J. P. Singh Joorel at **joorel@rediffmail.com**

CALL FOR PAPERS

The organizers invite original and unpublished research papers from students/research scholars, academia and industry experts to present their work in the specialized areas of Statistics and Operations Research. The abstract of contributed paper should be focused on the items such as objective of the study, methodology, research findings, significance & scope of the study. There will be a review on the abstracts by experts and selection of the paper is based on the recommendations of the expert committee. The interested delegates are requested to submit the soft copy of abstract at **eisor2018@gmail.com** before the schedule date in the following forms:

Abstract Format	Please observe the following instructions while preparing the abstract
Text Format	Microsoft Word format
Title	Limited to 200 characters in length. Use initial caps in the title; do not use all caps
Author(s)	Type all author’s names with initial caps. Include affiliations for all authors using tags if necessary.
Address	Contact/Presenting author’s names and mailing address and e-mail addresses.
Keywords and Phrases	Maximum 5 key words or Phrases.
Abstract Body	Limited to 200 Words
Equipment Needs	Indicate your Audio-Visual equipment needs at the end of the abstract

IMPORTANT DATES

Description	On or before
Submission of abstract	30/10/2018
Acceptance communication of abstract	20/11/2018
Payment of Registration fees	30/11/2018(without late fee) After 30/11/2018(with late fee)
Submission of full length paper	15/12/2018
Dates of Conference	27 – 30 December 2018

REGISTRATION

The selected participants are advised to get pre-registration to ensure their participation at the conference. They are required to send Demand Draft/Cheque in favor of “EISOR-2018 Statistics” payable at SBI, M.D.University, Rohtak-124001, Haryana (India) or You can use the IFSC Code: SBIN0004734, MICR: 124002008 for ONLINE transfer of the amount to the account number: 37658430715 in favor of “EISOR-2018 STATISTICS” The registration fee includes Conference Kit, Local Hospitality, Banquet, Working Lunch, Dinner and Refreshments during the conference days. The following are the details of the registration fee:

Participants	Registration Fee	
	Before 30/11/2018	After 30/11/2018
Faculty /Scientists	Rs. 4000	Rs. 5000
Research Scholars/ Students	Rs. 2500	Rs. 3000
Industry Personnel	Rs. 5000	Rs. 6000
Accompanying Person	Rs. 2000	Rs. 2500
Foreign delegates	US\$ 300	US\$ 400

***Life members of ISPS/IARS will be given a discount of 20% in the registration fee.**

PUBLICATION OF THE TECHNICAL PAPERS

A special Edition of International Journal of Statistics and Reliability Engineering (IJSRE) will be broughtup for publication of the peer reviewed research papers presented during the conference.

ACCOMMODATION

The organizers of the conference will make the arrangements for the accommodation to the delegates/participants in the University Guest Houses, Hostels and Hotels. However, the arrangements for accommodation will be made on request for which the tariffs have to be borne by the delegates/participants.

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DEPARTMENT OF STATISTICS, MAHARSHI DAYANAND UNIVERSITY, ROHTAK (INDIA)
International Conference
On
Emerging Innovations in Statistics & Operations Research
(EISOR-2018)
27 – 30 December 2018

Registration Form

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Name of the Department & Institution:

Sex (Male/Female):

Address for Correspondence:

Country:

Passport Number (if not from India):

Contact No.:

E-mail Address:

Whether presenting a paper (Yes/No):

Title of Paper:

.....

Accommodation Required (Yes/No):

Expected Arrival Date:

Expected Departure Date:

Accompanying Person (Yes/No):

Registration Type (please tick any one)

Faculty/Scientists [] Research Scholar/Students [] Industry Personnel []

Accompanying Person [] Foreign Delegates []

Payment Details (please tick any one) : DD / Cheque [] Online Deposit [] Cash []

Demand Draft*/Banker's Cheque No.....Amount.....Dated.....

Online (NEFT/SWIFT/Online Transfer):

Receipt No.:Amount:..... Dated :

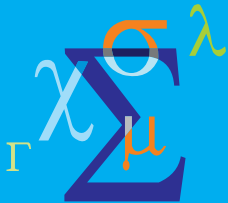
Note: Details are given in the Conference Brochure (email : eisor2018@gmail.com)

Date:

Signature of the Participant



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Conference
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EISOR-2018
Dec. 27-30, 2018
Welcome to Rohtak



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