

**INTERNATIONAL CONFERENCE  
ON  
GLOBAL ADVANCES IN STATISTICAL MODELLING,  
OPTIMIZATION TECHNIQUES AND DATA SCIENCE**

**IC-GASMOTDS-2025**

**IN CONJUNCTION WITH 9<sup>TH</sup> CONVENTION OF  
INDIAN ASSOCIATION FOR RELIABILITY & STATISTICS (IARS)**

**ORGANIZED BY  
DEPARTMENT OF STATISTICS  
MAHARSHI DAYANAND UNIVERSITY, ROHTAK-124001, HARYANA (INDIA)**

**ON THE EVE OF GOLDEN JUBILEE CELEBRATION OF THE UNIVERSITY**

**NOVEMBER 28-30, 2025**



**[gasmotds2025@gmail.com](mailto:gasmotds2025@gmail.com)**



**[www.gasmotds.com](http://www.gasmotds.com)**



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## About the Conference

The Department of Statistics, M.D. University, Rohtak, is proud to host an international conference as a part of the university's Golden Jubilee Celebration. This landmark event will unite leading statisticians, data scientists, optimization experts, and industry professionals from all around the world. The conference will spotlight innovations in statistical modelling, optimization techniques, and data science, while emphasizing the critical role of official statistics in shaping evidence-based policymaking, transparent governance, and sustainable development. As data-driven decision-making becomes increasingly vital, the relevance of accurate, timely, and high-quality statistics continues to grow. In parallel, the conference will explore how technological sciences including machine learning, AI, and big data are revolutionizing the field of statistics and enabling new solutions to real-world challenges. With keynote addresses, plenary sessions, and technical talks, the event offers a vibrant platform for collaboration, learning, and innovation.

## About the University

Maharshi Dayanand University (MDU), located in Rohtak, Haryana, India, is a premier institution of higher learning renowned for its commitment to academic excellence, research innovation, and societal development. Established in 1976, MDU is spread across 665 acres and has become a hub for quality education, offering a wide array of undergraduate, postgraduate, and doctoral programs across diverse disciplines. With an 'A+' grade from the NAAC, the university maintains high standards in education and research. MDU is dedicated to fostering a vibrant intellectual environment and empowering students to become leaders in their fields. Boasting state-of-the-art infrastructure, strong research initiatives, and collaborations with national and international institutions, MDU continues to make significant contributions to education, research, and the overall development of the region. Through its Golden Jubilee celebrations, MDU reaffirms its mission to drive academic excellence and innovation for a sustainable future.



## About the Department

Established in 1991, the Department of Statistics, Maharshi Dayanand University, Rohtak, is a leading center for academic excellence and research. In alignment with NEP 2020, the department offers a modern, multidisciplinary curriculum of UG & PG programs that emphasizes conceptual understanding and real-world applications. Known for its strong research output in areas such as Sampling Theory, Stochastic Processes, Reliability Modelling, Operations Research and Information Theory, the department has awarded over 150 Ph.D. degrees and completed several UGC and DST-funded projects. It has successfully implemented the UGC-SAP (DRS-I) program, enhancing its research infrastructure. With a dynamic academic environment and regular organization of national & international events, the department continues to shape the future of statistical education and research in India.

## About the City Rohtak

Rohtak, a vibrant city in Haryana, India, is celebrated for its rich history, cultural heritage, and flourishing educational landscape. Located just 80 km west of New Delhi, it is easily accessible via the Delhi-Ferozepur railway route and National Highway No. 9. The city enjoys excellent connectivity, including a convenient 5-minute bus service to Delhi and is about 70 km from Indira Gandhi International Airport (Terminal-3). Rohtak is home to prestigious institutions like Maharshi Dayanand University, which has played a pivotal role in shaping the city's academic reputation. Beyond its academic prominence, Rohtak beautifully blends modern development with traditional charm, offering a unique mix of urban convenience and cultural richness. With the conference falling during the winter season, attendees can look forward to a pleasant climate, with temperatures ranging from 15°C to 20°C, perfect for both professional engagements and leisure activities.







## Indian Association for Reliability and Statistics (IARS)

The Indian Association for Reliability and Statistics (IARS), established in January 2014 under the Haryana Registration and Regulation of Societies Act, 2012, aims to promote statistical education and its practical applications in both academia and industry. Recognizing the growing importance of advanced scientific and technological developments especially in Reliability Theory and Engineering IARS serves as a vital platform for researchers and professionals. It annually organizes conferences, seminars, workshops, and meetings to foster innovation and knowledge exchange among scholars in Statistics, Mathematics, Computer Science, Operations Research, and related fields. These events encourage young practitioners to present new ideas and applications that contribute to the discipline. IARS also publishes the International Journal of Statistics and Reliability Engineering (IJSRE) (ISSN: 2350-0174 print, 2656-2378 online), a peer-reviewed journal that disseminates high-quality research and supports the Association's mission of advancing statistical science and reliability engineering.

### IARS Executive Committee

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Mr. Sushil Malik, EC Member

Mr. Amit Dev, EC Member

### Conference Topics

The Thrust Areas of the Conference include but not limiting to the following topics:

Actuarial Statistics

Agricultural Statistics

Applied Statistics

Artificial Intelligence (AI)

Bayesian Inference

Big Data Analytics

Bioinformatics

Bio Statistics

Data Mining

Data Science

Deep Learning

Demography

Decision Theory

Design of Experiments

Distribution Theory

Discrete Mathematics

Econometrics

Financial Statistics

Fuzzy Set Theory

Information Theory

Inventory Theory

Machine Learning

Marketing Research

Mathematical Modeling

Multivariate Analysis

Neutrosophic Statistics

Official Statistics

Operations Research

Optimization Techniques

Population Studies

Probability Theory

Queuing Theory

Regression Analysis

Reliability Theory & Modeling

Sample Survey & Theory

Spatial Statistics

Statistical Inference

Statistical Quality Control

Stochastic Process & Modeling

Supply Chain Management

Survival Analysis


Time Series Analysis

### Conference Events

All the events of the conference will be organized jointly by Department of Statistics & IARS as mentioned in the brochure. For any update regarding the conference, the participating universities/organizations and individual participants are requested to visit the Conference website through the following link: [www.gasmotds.com](http://www.gasmotds.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, Data Science, Reliability Theory & Modeling, Reliability Engineering, Optimization Techniques, Mathematics, Computer Science 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 [gasmotds2025@gmail.com](mailto:gasmotds2025@gmail.com) before the schedule date in the following forms:







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

## Important Dates

### Description

### On or before

<b>Submission of Abstract</b>	20/10/2025
<b>Acceptance Communication of Abstract</b>	25/10/2025
<b>Payment of Registration Fees</b>	05/11/2025(without late fee) After 05/11/2025 (with late fee)
<b>Submission of Full Length Paper</b>	15/11/2025
<b>Dates of Conference</b>	<b>November 28-30, 2025</b>

**Note:** The interested delegates may submit/upload the soft copy of abstract through the registration link.

## Registration Fee

The selected participants are advised to get pre-registration to ensure their participation at the conference. They are required to make the payment in favor of "IC-GASMOTDS-2025" through M.D. University, Rohtak portal. 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

Faculty / Scientists  
Research Scholars / Students  
Industry Personnel  
Accompanying Person  
Foreign Delegates

#### Before 05/11/2025

Rs. 4000  
Rs. 2500  
Rs. 6000  
Rs. 1500  
US\$ 350

#### After 05/11/2025

Rs. 4500  
Rs. 2800  
Rs. 6500  
Rs. 2000  
US\$ 400

The link for Registration is: <https://forms.gle/3N6LFk7kDMY5FRoWA>

\*Life members of IARS will be given a discount of 20% in the registration

Steps for Making Payment:

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## Printing of Proceedings

The organizers will publish the proceedings of the conference after reviewing the full length papers by the editors and the reviewers.

## Accommodation

The organizers of the conference will facilitate accommodation for delegates/participants in the University Guest Houses, Hostels, and Hotels. If any delegate/participant prefers alternative accommodation, they are welcome to make their own arrangements, and the costs for such arrangements will be their responsibility.







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OPTIMIZATION TECHNIQUES AND DATA SCIENCE**

**IC-GASMOTDS-2025**

**November 28-30, 2025**

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**Welcome to Rohtak**



**IC-GASMOTDS-2025**



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**www.gasmotds.com**