



International Workshop
on
**“Bayesian Frontiers:
Unveiling the Future of
Statistical Modeling and
Inference”**

(January 03-05, 2025)



Organized by
Department of Statistics
Banaras Hindu University
Varanasi-221005
India

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About the University

Banaras Hindu University (BHU), a symbol of knowledge, tradition, and modernity, was established in 1916 by the visionary Pandit Madan Mohan Malaviya and is nestled in the ancient city of Varanasi, India. BHU is one of the largest residential universities in Asia and holds

significant historical and cultural importance. The university's campus spans over 1,300 acres along the banks of the sacred Ganges River, creating a serene and conducive environment for learning and research. The other campus which spans over 2700 acres, is located in Mirzapur district (nearly 60 km. away from the main campus). BHU offers a wide range of undergraduate, postgraduate, and doctoral programs across various disciplines, including arts, sciences, engineering, medicine, management, and social sciences. With a commitment to fostering excellence in teaching, research, and innovation, BHU consistently ranks among the top academic institutions in India and attracts scholars and students from around the globe.

About the Department

The Department of Statistics, Banaras Hindu University (BHU) is a dynamic academic unit of the Institute of Science and one of the leading departments in India dedicated to the advancement of statistical theory, methodology, and applications. The Department offers a comprehensive range of undergraduate, postgraduate, diploma and doctoral programs, providing students with a solid foundation in statistical theory and techniques. In addition to academic programs, the Department constantly organizes guest lecture programs, seminars, conferences, and workshops featuring renowned experts from academia, industry, and government sectors to enhance the knowledge of students and teachers. One

can visit the [Department of Statistics, BHU](#) for details of the research activities of the department.

About the Workshop:

This workshop will serve as a platform for researchers, academics, and practitioners around the globe to learn about the latest advancements in Bayesian statistical modeling and inference as well as the diverse application areas where Bayesian methods have made significant contributions. The workshop aims to provide an amicable environment in which young researchers can discuss their problems with internationally renowned experts and identify future directions in Bayesian statistics and its emerging trends and potential breakthroughs.

Key Components:

The workshop is intended to cover a variety of topics from an introductory to an advanced level and is expected to provide a variety of fruitful applications of the Bayesian paradigm. Key areas of focus include, but are not limited to:

- Foundations of Bayesian Inference
- Bayesian Computational Methods
- Machine Learning and Data Mining
- Model Uncertainty and Sensitivity Analysis
- Measurement of Statistical Evidence

Confirmed Speakers

- Prof. Michael Evans, University of Toronto, Canada

- Prof. Ernest Fokoué, Rochester Institute of Technology, USA
- Prof. Igor Prünster, Bocconi University, Italy
- Prof. Jaeyong Lee, Seoul National University, South Korea
- Dr. Priyam Das, Virginia Commonwealth University, US
- Prof. S. K. Upadhyay, BHU, India
- Prof. A. A. Khan, AMU, Aligarh, India
- Prof. Kiranmoy Das, ISI, Kolkata, India
- Dr. Dhiman Bhadra, IIM, Ahmedabad, India

Our Participants

Young academics and researchers who are curious to learn and/or refine their Bayesian knowledge and willing to carry out applied research using the Bayes paradigm.

Fees and Registration Procedure:

We have limited seats and selection will be made strictly on First Come First Serve basis. The registration fee is

Foreign Participants: US \$200

Indian Participants:

- INR 5000 (with Accommodation)
- INR 3000 (without accommodation)

The registration fee includes a workshop kit, working lunch/tea, dinner and transportation from the place of stay to the venue of the Workshop, etc.

Bank details

Bank Name: STATE BANK OF INDIA
A/C No.: 43144999745
IFSC: SBIN0000211
MICR Code: 221002003
Branch Name: Banaras Hindu University,
Varanasi -221005
UPI ID: 43144999745@sbi
SWIFT Code: SBININBB125 (for
International Transactions)

Registration form

<https://forms.gle/tfddpWtDmqTmmgtR9>

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“Experience the essence of Banaras Hindu University – where tradition meets innovation, and knowledge transcends boundaries. We eagerly await your presence on our campus.”