



*International Conference on*  
**Recent Advances of Probability and Statistics in  
Interdisciplinary Research (RAPSIR)**  
February 6-8, 2024

**Department of Statistics, Faculty of Science,  
University of Allahabad, Prayagraj, India-211002**

*Jointly Organized*

**Indian Society for Probability and Statistics (ISPS)  
In conjunction with 43<sup>rd</sup> Annual Convention of ISPS-2024**

**Pre-convention Workshop on  
Advanced Data Science Techniques  
on February 5, 2024  
(for ISPS life members only)**



<https://allduniv.ac.in/faculties/statistics>



[rapsir2024@allduniv.ac.in](mailto:rapsir2024@allduniv.ac.in)

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## ABOUT UNIVERSITY OF ALLAHABAD

The University of Allahabad is a central university located in Prayagraj, Uttar Pradesh, India. It was established on September 23, 1887 through an act of parliament and has since achieved the status of being an Institute of National Importance. It stands as one of the oldest modern universities in India after Calcutta, Bombay and Madras Universities. The university boasts a rich legacy of renowned scholars, scientists, writers and artists such as Meghnad Saha, Amarnath Jha, Firaq Gorakhpuri, Kshitindranath Majumdar etc. who have contributed to the institution's thriving academic and cultural endeavors.

## ABOUT THE DEPARTMENT OF STATISTICS

The Statistics wing, under the Department of Mathematics, was started in 1968 with the initiative of Prof. H. C. Khare, then acting Head of the Department of Mathematics. The wing became operational immediately, with the first batch of B.Sc. I and M.Sc. previous students enrolling simultaneously. Soon, Mr. C. C. Pant was appointed in the Wing, and he primarily taught Statistics courses; other courses such as Numerical analysis and Econometrics were taught by faculty members from the Departments of Mathematics and Economics. In 1974, Dr. Samir K. Bhattacharya, Dr. Ram C. Tiwari and Dr. G. S. Pandey were appointed as regular teachers of Statistics and the Statistics wing continued to operate under the leadership of Prof. Bhattacharya. In 1981, Dr. Anoop Chaturvedi joined as a faculty member of the Department, followed by Dr. S. Lalitha in 1986. Mr. Vishnu Kumar Srivastava, Mr. R.N. Verma, Mr. Raj Kumar Srivastava, Dr. Ajit Chaturvedi and Dr. Anup Kumar also served the department for a shorter period. On August 21, 2000, the Department was established as a separate entity from Mathematics, with Dr. G. S. Pandey appointed as the first Head of Department, alongside Dr. Anoop Chaturvedi and Dr. S. Lalitha as faculty members. The Department offers courses for Undergraduate, Postgraduate degrees, and a Doctoral program leading to a Ph.D. degree. Currently, the Department has six faculty members with specialization in different areas of statistics such as Sampling Techniques, Reliability Theory, Bayesian Statistics, Order Statistics, Quality Control, Sequential Analysis, Survival Analysis, Mathematical Demography, Biostatistics and Stochastic Modeling. Furthermore, the Statistics Department provides statistical support to various interdisciplinary branches and has contributed to numerous research projects, including *Control Charts for Auto-correlated Observations on Grid*, *Sustainable Development: A Mathematical Model*, *joint Big Data project*, among others.

## ABOUT PRAYAGRAJ

Prayagraj (formerly known as Allahabad) is located in eastern Uttar Pradesh in the northern region of India. The city is a primary center for culture, religion and education. The confluence of Ganga, Yamuna and mythical Saraswati rivers defines this city. Many national and regional headquarters of administration, military and research facilities are located in Prayagraj. This is also famous for producing 7 out of 14 Prime Ministers of India - Jawahar Lal Nehru, Lal Bahadur Shastri, Indira Gandhi, Rajiv Gandhi, Gulzari Lal Nanda, Vishwanath Pratap Singh and Chandrashekhar, they all were either born in Prayagraj, were alumni of University of Allahabad or were elected from a Prayagraj-based constituency.

**Climate:** The weather of Prayagraj is usually warm. The average temperature in February is 20.5°C (69°F), in a range of 13°C (55.5°F) to 28°C (82°F).

**Tourist Attractions:** Sangam (confluence of rivers), Akbar's Fort on the bank of Ganga, All Saints Cathedral, Chandrashekhar Azad Park, Khusro Bagh, Anand Bhawan, Yamuna Bridge etc. The nearby famous places are: Varanasi, Lucknow, Chitrakoot, Ayodhya etc. For more information, please visit the website <https://www.uptourism.gov.in/> of UP Tourism.

**Languages Spoken:** Hindi, Urdu, English

**Connectivity:** It is well connected with air, train, and road transport from major cities of India.

## OBJECTIVES/ RELEVANCE OF THE CONFERENCE

- To bring academicians and researchers together from across the globe on a forum for discussion and dissemination of advance ideas and principles in Probability and Statistics and its application in other disciplines like agriculture, medicine, epidemiology, social sciences, forestry, environment etc.
- To familiarize the researchers of different disciplines to the basics and introduce to them the recent developments in multidisciplinary data science. Mathematical and rigorous foundations of statistical theory needed in these areas will be presented with specific applications. These will be supplemented by exposure to modern computational techniques which are required in this connection for the above areas.
- To promote the interaction and collaboration between academicians/researchers at the international level with the emerging real-life problems
- To familiarize young researchers towards the in-depth knowledge and utility of Applied Statistics.
- To develop competency among researchers of other disciplines in selection of proper experimental designs, sampling methods and other statistical computational techniques.

### CONVENTION EVENTS

- Keynote Address
- Plenary Sessions
- Invited Sessions
- Memorial Session
- Endowment Sessions
- Contributory Sessions

### AWARDS

- Fellow of ISPS Award
- Distinguished Statistician Award
- Best Research Paper Award
- Best Poster Award
- Young Researcher Award
- Best Ph.D. Thesis Award
- Student Project Competition Award

### BANK DETAILS

**Name of Account (in favor of):** A U International Conference RAPSIR 2024  
**Account Number :** 1001000100763023  
**Name of the Bank :** Punjab National Bank  
**IFSC Code :** PUNB0100100  
**Branch :** ALLAHABAD, COLONELGANJ

## CALL FOR PAPERS

The original and unpublished research papers from academicians, researchers, industrialists, and students are invited to present during RAPSIR-2024 in the following themes.

Probability Theory and Applications	Statistics in Quality, Reliability and Operation Research	Statistics in Agricultural and Medicine
Bayesian Statistical Inference	Demography and Population Studies	Environmental and Forestry Statistics
Time Series Analysis and Forecasting Models	Data Science Techniques	Bioinformatics / Bio Statistics / Survival Analysis
Survey Sampling	Mathematical Modelling	Sustainable Development Goals
Planning and Experimental Designs	Econometrics	Applied Statistics
Statistics in Management	Deterministic and Stochastic Modelling	Univariate and Multivariate Analysis

The abstract of paper should be focused on the items such as objective of the study, methodology, research findings, significance and scope of the study in the prescribed format.

<b>Text Format</b>	Latex/MS word Format, Times New Roman, Font size 12
<b>Title</b>	Only initial letter caps, length max. 200 characters
<b>Author(s)</b>	Type all authors names with initial letter caps, include affiliations. Mention the presenting authors name and email id at bottom.
<b>Keywords</b>	Maximum 5 keywords or phrases
<b>Abstract body</b>	Limited to 250 words
<b>Equipment needs</b>	Indicate audio-visual equipment needs for presenting paper
<b>Paper subject classification</b>	Closest proximity from the list of "Session Themes"
Online Registration Link: <a href="https://forms.gle/oVkdwcQsr2gFGLVHA">https://forms.gle/oVkdwcQsr2gFGLVHA</a>	

The interested delegates are requested to submit / upload the soft copy of abstract on or before November 15, 2023 through the registration link. The acceptance of the abstract will be communicated after the recommendations of the expert's committee before December 15, 2023. The selected participants are required to complete the registration by paying the required registration fee either through online mode or by sending Demand Draft as per the given bank details.

## REGISTRATION FEE

Participants	Workshop fee, before 31.12.2023 (for ISPS members only)	Workshop fee, after 31.12.2023 (for ISPS members only)	ISPS Life Members		Other Participants	
			Conference fee, before 31.12.2023	Conference fee, after 31.12.2023	Conference fee before 31.12.2023	Conference fee, after 31.12.2023
Faculty/Scientists	₹ 1,000	₹ 1500	₹ 4000	₹ 5000	₹ 5000	₹ 6000
Industry personnel	₹ 1,000	₹ 2000	₹ 5000	₹ 6000	₹ 6000	₹ 7000
Accompanying person	₹ 700	₹ 1000	₹ 3000	₹ 4000	₹ 3000	₹ 4000
Foreign delegates	US\$ 80	US\$ 100	US\$ 240	US\$ 280	US\$ 300	US\$ 350
Research Students	₹ 700	₹ 1000	₹ 2400	₹ 3000	₹ 3000	₹ 3500

**Note:** Accompanying person will not be provided the conference kit. The participants attending both workshop and conference will get 10% discount in the registration fee.

## IMPORTANT DATES

<b>Conference Announcement</b>	: June 29, 2023
<b>Submission of Abstracts</b>	: November 15, 2023
<b>Notification of Acceptance</b>	: December 15, 2023
<b>Early Bird Registration</b>	: December 31, 2023
<b>PPTs Submission for Presentation</b>	: January 15, 2024
<b>Full Length Paper for Publication</b>	: February 5, 2024
<b>Pre-Conference Workshop</b>	: February 6-8, 2024
<b>Conference Dates</b>	

## ACCOMMODATION

Only limited accommodation to the delegates/participants on twin sharing basis will be made available by the organizers in the Guest Houses/Hotels on requests for which the tariffs have to be borne by them. However, participants are encouraged to make their own arrangements for accommodation.

## HOW TO REACH PRAYAGRAJ

**By Air:** Prayagraj airport is about 15 Km away from the University of Allahabad. Airport is connected to major cities like Delhi, Kolkata, Lucknow and Dehradun. Airport to city taxi charge is about Rs 800. Abroad travelers need to get connection flights from Delhi or Kolkata.

**By Train:** Railway station in Prayagraj is a major railway station of north India and is situated in the heart of the city. The railway station is very well connected to all the major cities in India. The trains Vande Bharat, Rajdhani, Sampark Kranti are usually preferred by the travelers.

**By Bus:** Very good road services are available in Prayagraj. Uttar Pradesh Roadways buses are running to most of the cities in Uttar Pradesh. From Allahabad bus services are available to Lucknow (200 Km), Kanpur (200 Km), Delhi (650 Km) and Kolkata (800 Km) etc.

## PRINTING OF PROCEEDINGS

The proceeding of the conference will be published from the reputed publisher (possibly from Springer/Elsevier) after reviewing the full length papers by the editors and reviewers.

## For more Details Please Contact

**Accommodation and local transport :** Dr. Abhay Pratap Pandey. Mb: 6394023741

**Registration:** Dr. Priyanka Singh Mb: 8384863740

**Treasurer:** Dr. Prashant Verma Mb: 8934096756

**Hospitality:** Dr. G. Madhu Sudan Mb: 9490343900

**Convener:** Dr. Girish Chandra Mb: 9410542274

**Chair:** Dr. P.S. Pundir Mb: 9411884011

