

**We Welcome You All to  
the City of Heritage**



**TWO DAY NATIONAL SEMINAR ON  
DATA-DRIVEN PREDICTIVE ANALYTICS  
& MODELLING-2024**

**(DDPAM-2024)**

**19-20 MARCH 2024**



**DIRECTOR**

**Prof. MONALISHA PATTNAIK**

Organized by:

**P.G. DEPARTMENT OF STATISTICS  
SAMBALPUR UNIVERSITY**

Jyoti Vihar, Burla, Sambalpur  
Odisha, Pin-768019

Website: <https://www.suniv.ac.in>

**SEMINAR COMMITTEE**

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Vice-Chancellor,  
Sambalpur University

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&  
**Prof. SANJUKTA DAS,**  
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**DIRECTOR:**

**Prof. MONALISHA PATTNAIK,**  
HOD, P.G. Department of  
Statistics, Sambalpur University

**ORGANISING SECRETARIES:**

**Mr. UMAKANTA SAHOO &  
Ms. UDEECHEE**  
Assistant Professors,  
P.G. Department of Statistics,  
Sambalpur University.



## About the University

Sambalpur University, located in the Western Odisha, has come into being with effect from 1<sup>st</sup> January, 1967 by virtue of the Sambalpur University Act that was passed in the Orissa Legislature on the 10th December 1966. The University has been actively engaged in disseminating advanced knowledge in the field of Management, Science, Technology, Humanities and Medicines. The university is well-known for its research outputs. There are 26 Post Graduate Departments in the University that cater to the needs of higher Education and Research especially in the 10 districts of Western Odisha.

## About the Department

The Department of Statistics, established in 1976, at Sambalpur University, is recognized for its academic excellence and for providing a dynamic learning environment with MA/M.Sc. and the doctoral program which emphasizes research areas like Operations Research, Predictive Analytics and Machine Learning.

The department has collaborated in the research area with several leading Institutions/Universities in the country and abroad, including Harvard Centre for Population & Development Studies, Harvard University, USA, Pennsylvania State University, USA, The George Institute for Global Health, IIPS, GBD, IHME, Sultan Qaboos University, Muscat, GIPE, ICMR, IITs, IIMs, ISI Kolkata, JNU, New Delhi etc. In 2023, the department organized a One-day National Seminar on ***Applications of Statistics and Artificial Intelligence (ASAIES-2023)***, attracting global interest, including The Pennsylvania State University, USA. The seminar highlighted diverse research areas such as financial statistics and machine learning, showcasing the department's commitment to cutting-edge research. The proceedings of the seminar have been published into a book titled '***Applications of Statistics and Artificial intelligence-2023***' by Archers and Elevators Publishing House bearing ISBN 978-93-94958-84-5. The book of proceedings, edited under the supervision of Prof. Monalisha Pattnaik, is available on leading platforms such as Google Books and Amazon. The Department is enriched with highly qualified and dedicated core

faculties who have received their educations from different premier institutes of the country.

## About the Seminar

The two-day National Seminar on Data-Driven Predictive Analytics and Modelling is intended for individuals who are enthusiastic about data and seek to gain insights into the world of data-driven decision-making. It offers opportunity to learn the core principles of predictive analytics by investigating the intricate interplay between advanced statistical algorithms and historical data. In-depth exploration of sophisticated modelling methods, such as neural networks and machine learning algorithms, will be provided, along with practical knowledge through interactive workshops. Designed for data scientists, analysts, decision-makers, industrial delegates, researchers, academicians and data enthusiasts, the seminar promises to offer immersive insights of predictive analytics. Additionally, the participants will gain new perceptions about applications of these predictive modelling in the emerging scenarios.

## **SUB THEME:**

- Bayesian Inference
- Bio Statistics
- Demography
- Financial Analytics
- Survival Analysis
- Stochastic Modelling
- Operation Research
- Sampling Theory
- Time Series Analysis
- Bio-Medical Analytics
- Statistical Genomics
- Machine Learning
- Deep Learning
- Econometrics
- Geo & Spatial Statistics
- Design of Experiment
- Water Resource Data Analytics
- Weather Forecasting

## **CALL FOR ABSTRACT:**

Papers on the above theme are invited in prescribed format for Presentation in the Seminar. The authors are requested to submit abstracts of the papers in about 300 words with word format in Times New Roman, 12 font size and 1.5 line spacing to **ddpam2024@gmail.com**. Abstracts should be submitted within the deadlines and abstracts received beyond this date cannot be published in the “Book of Abstracts”.

## **IMPORTANT DATES:**

**Submission Date of Abstracts: 07.02.2024**

**Abstracts Submission Closing on: 24.02.2024**

**Acceptance of Abstracts and Registration Link Opens: 26.02.2024**

**Registration Link Closing on: 04.03.2024**

**Submission of Presentation file: 04.03.2024**

**Presentation Submission Closing on: 15.03.2024**

**Full Paper and PPT** (should not exceed more than 15 Slides including *References*)

## **ABSTRACT SUBMISSION LINK:**

**<https://forms.gle/p5rCHsvbp rP3NJDw9>**

## REGISTRATION

Registration fee for presentation or participation:

- *Industry Delegates -Rs 2000/-*
- *Academician - Rs 1000/-*
- *Research Scholar - Rs 700/-*
- *Student - Rs 300/-*

*The fee covers Seminar Kit, Hospitality during the Seminar & Certificate.*

*\*The registration fee may be transferred in online mode to the following account:*

## ACCOUNT DETAILS

Bank Name:UCO BANK, KATAPALI, BURLA

Account Name: DDPAM-2024

Account No.: **07100110043639**

IFSC Code: UCBA0000710

## REGISTRATION LINK:

**<https://forms.gle/bVsf1b76p86D6waW6>**

## ADDRESS FOR COMMUNICATION

Prof. Monalisha Pattnaik,

Director

Mail ID: [ddpam2024@gmail.com](mailto:ddpam2024@gmail.com)

Mob: 8895436436, 7787075777 &

8763826602