We Welcome You All to the City of Heritage

ONE DAY NATIONAL SEMINAR ON
APPLICATIONS OF STATISTICS & ARTIFICIAL INTELLIGENCE IN EMERGING SCENARIOS-2023

(ASAIES-2023)
3rd March 2023

Convenor
Prof. MONALISHA PATTNAIK

Organized by:
P.G. DEPARTMENT OF STATISTICS(AUTO)
SAMBALPUR UNIVERSITY
Jyotivihar, Burla, Sambalpur
Odisha, Pin-768019
Web: http://www.suniv.ac.in

SEMINAR COMMITTEE

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Vice-Chancellor,
Sambalpur University.

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Prof. SANJUKTA DAS, Chairman,
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P.G. Department of Statistics,
Sambalpur University.

CO-CONVENORS:
Mr. UMAKANTA SAHOO &
Ms. **UDEECHEE,**
P.G. Department of Statistics,
Sambalpur University.

The UNIVERSITY

The long cherished dream of the people of Western Odisha for establishment of a University got translated into reality when the Sambalpur University started functioning on 1st January, 1967. Though the university was operating initially in a government building at Ainthapali, Sambalpur, It was shifted to the present campus at Jyoti Vihar, Burla in the year 1973. The captivating beauty of the campus with hillocky environs, lush green trees and gorgeous skies captures the attention of the visitors. The territorial jurisdiction of the University covers six districts of the state, namely Sambalpur, Sundargarh, Jharshuguda, Deogarh, Bargarh, Boudh and Athamallik sub -division of Angul district. The University provides post – Graduate education in 32 subjects through 25 post graduate departments. These departments offer degrees 2 year study programmes for the degrees of M.A, M.Sc, L.L.M, MBA, M. Lib & Inf. Sc, One year study programmes for M.Phil. degrees, One year P.G. Diploma course in Computer Science and Applications , Diploma course in Sambalpuri Studies and Executive MBA. The P.G. department of Chemistry,Life science,Physics,History, Economics, Mathematics & Statistics have been conferred on Autonomous status by the University.They adopt Semester System Based on Continuous Evaluation & device their own curricula. In addition, the University also awards Ph.D. and D.Sc./D.Litt. degrees in respective subjects. The University has been accessed and accredited with Grade – A by the NAAC.

The Department

The Department imparts a two-year MA/MSc. in Statistics, one-year M.Phil. and Ph.D. Programmes in Statistics as regular courses.

The Department offers specialization in Stochastic Process,Queuing Theory, Operations Research, Applied Statistics, Bio-Statistics, Advanced Time Series Analysis, SQC and Reliability, Data Mining. In the past the Department has completed many UGC & DST funded research.

The faculty members have published good number of research articles in peer reviewed journals with National and and International repute. The alumni of this Department have been serving in maximum national level institutions in the country and abroad as well. The Course Curriculum has been updated as per the requirements of the industry, health, finance, corporate sectors etc.

THE SEMINAR

The research on applications of artificial intelligence (AI) has triggered a comprehensive scientific, economic, social and political discussion. Statistics, is an interdisciplinary scientific field, plays a substantial role

both for the theoretical and practical understanding of AI and for its future development. Statistics might even be considered a core element of AI. With its specialist knowledge of data evaluation, starting with the precise formulation of the research question and passing through a study design stage on to analysis and interpretation of the results, statistics is a natural partner for other disciplines in teaching, research and practice.

This seminar aims at highlighting the relevance of statistical applications in the context of Artificial Intelligence in the Emerging Scenarios. In particular, we focus on contributions of statistics to the field of artificial intelligence concerning methodological development, planning and design of studies, assessment of data quality and data collection, differentiation of causality and associations and assessment of uncertainty in results.

One Day National Seminar on 'APPLICATIONS OF STATISTICS & ARTIFICIAL INTELLIGENCE IN EMERGING SCENARIOS-2023' (ASAIES-2023) is on 3rd March, 2023 having great priority to the thrust areas but not limiting to the following topics for Research Students, Post-Doctoral Fellows and Academicians:

SUB THEME

- Bayesian Inference
- Bio Statistics
- Demography
- Financial Statistics
- Survival Analysis
- Stochastic Modeling and Applications
- Operation Research
- Sampling Theory
- Time Series Analytics
- Artificial Intelligence
- Data Mining and Knowledge discovery
- Big Data Analytics
- Cloud Computing and IoT
- Bio-Medical analysis
- Statistical Genomics
- Machine Learning
- Deep Learning
- Natural Language Processing
- Pattern Classification
- Modeling and Simulation
- Statistical Soft Computing
- Computational Intelligence and Application
- Multivariate Analytics
- Econometrics
- Geo & Spatial Statistics
- Design of Experiment

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 asaies2023su@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 on or before: 20.02.2023

Acceptance of Abstracts: 22.02.2023

Full Paper and PPT (5 to 10 Slides) Submission & Registration: 25.02.2023

ABSTRACT SUBMISSION LINK

https://docs.google.com/forms/d/e/1FAIpQL Sc7lSoQ6J-yDxag96El5otG3KMgH_VQD2S5wrEazeKdVj _LFg/viewform?usp=pp_url

REGISTRATION

Registration fee for presentation or participation

- *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: CONVENOR, ASAIES-2023
Account No.: 07100110040256
IFSC Code: UCBA0000710

REGISTRATION LINK

https://docs.google.com/forms/d/e/1FAIpQLScovXfEOyo3vPj4vgqKK
CR5S3X4JI8KMS2bDFKv7n7SGKIXTQ/viewform?usp=pp_url

ADDRESS FOR COMMUNICATION

Prof. Monalisha Pattnaik,
Convenor
Mail ID: asaies2023su@gmail.com
Mob: 8895436436,
8355941958, 9336707450