

INTERNATIONAL CONFERENCE

ON

**STATISTICAL
MODELING,
SIMULATION, AND
APPLICATIONS IN
DATA SCIENCE**

**14-16
JANUARY
2026**

Organized by



**Department of Statistics,
Cochin University of Science
and Technology, Cochin,
Kerala, India**



**Cochin University of Science and Technology,
Cochin 682 022, Kerala, India**

ABOUT THE CONFERENCE

The Department of Statistics, Cochin University of Science and Technology (CUSAT) is organizing an International Conference on Statistical Modeling, Simulation, and Applications in Data Science to bring together researchers, practitioners, and students to discuss recent advances in applied statistics and computational methods. Key themes include statistical modeling for complex data, simulation techniques such as Monte Carlo and agent-based methods, and the integration of data science with predictive analytics in real-world applications. Special emphasis will be placed on reliability forecasting, risk analysis, and interdisciplinary applications in engineering, healthcare, finance, and the social sciences.

The conference provides a platform for knowledge exchange, collaboration, and dialogue across disciplines, aiming to equip participants with modern tools for data-driven decision-making. By highlighting both theoretical developments and practical applications, it bridges the gap between methodology and real-world challenges. Participants will gain insights into the role of data science tools, simulation models, and reliability forecasting in shaping policy, optimizing performance, and enhancing decisions under uncertainty. Ultimately, the event seeks to inspire new research directions and nurture young scholars in statistics, simulation, and data science.

PATRON

Prof. (Dr.) M. Junaid Bushiri

Vice-Chancellor, CUSAT

ORGANIZING COMMITTEE

Dr. K. C. James (CUSAT)

Dr. Asha Gopalakrishnan (CUSAT)

Dr. S. M. Sunoj (Head, Department of Statistics, CUSAT)

Dr. Rajesh G. (CUSAT)

Dr. Irshad M. R. - Asst. Coordinator (CUSAT)

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Dr. Sreedevi E. P. -Asst. Coordinator (CUSAT)

Dr. Merlymole Joseph K. (CUSAT)

Dr. Ambily Jose (CUSAT)

Dr. Maya R. (CUSAT)

Ms. Hashmy Hassan (CUSAT)

TENTATIVE INVITED SPEAKERS

- Dr. Bovas Abraham (Emeritus Professor, University of Waterloo)
- Dr. Vandna Jowaheer (Professor, University of Mauritius)
- Dr. Naushad Ali Mamode Khan (Associate Professor, University of Mauritius)
- Dr. N. Balakrishna (Professor, IIT Tirupati)
- Dr. P. G. Sankaran (Emeritus Professor, CUSAT)
- Dr. K. C. James (Professor, CUSAT)
- Dr. Asha Gopalakrishnan (Senior Professor, CUSAT)
- Dr. S. M. Sunoj (Senior Professor and Head, Department of Statistics, CUSAT)
- Dr. Rajesh G. (Professor, CUSAT)
- Dr. Asokan Mulayath Variyath (Professor, Memorial University of Newfoundland)
- Dr. K. Jayakumar (Emeritus Professor, CUSAT)
- Dr. Sudheesh K. K. (Associate Professor, ISI Chennai)
- Dr. Bobby John (Technical officer SQC & OR unit, ISI Bangalore)
- Dr. Balagopal G. Menon (Assistant Professor, IIT Kharagpur)
- Dr. Anand Jacob Abraham (Assistant Professor, IIT Kharagpur)
- Dr. Ishapathik Das (Associate Professor, IIT Tirupati)
- Dr. M. Bhasi (Senior Professor (Rtd.), CUSAT)
- Dr. Sara Renjit (Assistant Professor, IIIT Kottayam)
- Dr. Navin Chandra (Professor, Pondicherry University)
- Dr. Hareesh G. (Scientist, NPOL)
- Dr. Sam Thomas (Professor, CUSAT)
- Dr. Manoj Chacko (Professor, University of Kerala)
- Dr. E. I. Abdul Sathar (Professor, University of Kerala)
- Dr. Joby K. Jose (Registrar, Professor, University of Kannur)
- Dr. V. M. Chacko (Professor, St. Thomas College, Thrissur)
- Dr. Jose K. K. (Honorary Director, M. G. University Kottayam)
- Mr. Prasanth V. P. (Associate Director at IQVIA)
- Mr. Sooraj K. Ambat (Scientist, NPOL)



ABOUT THE UNIVERSITY

Cochin University of Science and Technology (CUSAT), established in 1971, is unique in its kind, aiming at the promotion of excellence in graduate and postgraduate studies and advanced research in applied sciences, technology, engineering, industry, commerce, and the social sciences. The University is accredited with an A+ grade by the NAAC in 2022. The institution holds an overall NIRF ranking of 50 and is placed 6th among state public universities. The performance of the University has been reflected in its winning the Chancellor's award for the best university in the state, three times during the last five years. The University has academic links and exchange programmes with several institutions in North America and Europe. Unique in perception and unparalleled in dedication and commitment to performance, it stands out as a prime centre of learning in science, technology, and humanities education in India.



ABOUT THE DEPARTMENT

The Department of Statistics was established in 1996 and offers an M.Sc programme in Statistics, Five year integrated M.Sc programme in Statistics, M.Tech programme in Data Science and Analytics, besides research programmes leading to a Ph.D. degree. The department is actively engaged in research in the fields of distribution theory, reliability theory, time series analysis, stochastic processes, survival analysis, and Information theory. The UGC has identified the Department for Special Assistance Programme (SAP) at DRS level III and the DST is extending financial support under the Fund for Improvement of Science and Technology Infrastructure (FIST) programme.



REGISTRATION AND FEE

All participants interested in attending the conference must register via the link below. Those wishing to present are also requested to submit their abstracts through the same link.

https://docs.google.com/forms/d/e/1FAIpQLSfayBkHy5cFJAmVAIOxy3e6xmCWoFl1ukSZ3PKuDRA_Y-D-Yg/viewform?usp=header

Participants are requested to complete their registration fee payment using the bank details provided below and upload the payment receipt via the google form.

REGISTRATION FEE DETAILS:

Students:
Rs. 1500/-

Research Scholars:
Rs. 2000/-

Faculty:
Rs. 2500/-

Account Number:

44586647191

IFSC:

SBIN0070235

SCAN & PAY



UPI ID: icssacusat2026@sbi

**LAST DATE FOR REGISTRATION:
20 DECEMBER 2025**

CONTACT DETAILS:

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