



University of Madras

INTERNATIONAL CONFERENCE ON ADVANCES IN STATISTICAL METHODS AND DATA SCIENCE (ICASMDS - 2018)



ICASMDS

December 20-22, 2018



Organized by

**DEPARTMENT OF STATISTICS
UNIVERSITY OF MADRAS
CHEPAUK CAMPUS
CHENNAI - 600 005 (INDIA)**



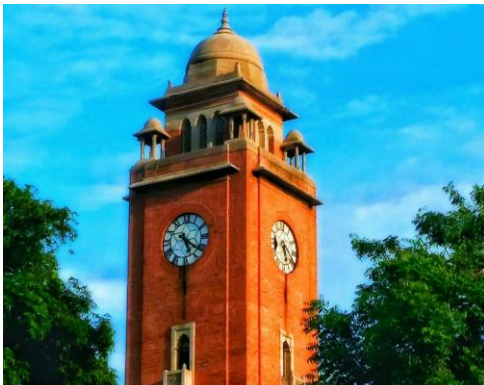
ABOUT THE CONFERENCE:

The Department of Statistics is happy to announce an **“International Conference on Advances in Statistical Methods and Data Science”**, which will be held from **20-22, December 2018**. The conference will be co-sponsored by the **International Society for Business and Industrial Statistics (ISBIS)**.

This conference plans to provide a forum for interaction and knowledge sharing among academicians, data analysts, practitioners, researchers and students in the domain of both Statistics and Computer Science. It provides a platform to present their research findings in the frontier areas of statistics and data science.

**ABOUT THE DEPARTMENT:**

The Department of Statistics, University of Madras was established in 1941. The Department has been identified by the Department of Science and Technology (DST) under its FIST program for the financial support.



The department offers research programme leading to Ph.D., in Statistics and two Post Graduate courses M.Sc., Statistics and M.Sc., Actuarial Science. The department has MOU with University of Naples, Italy.

ABOUT Prof. J. RANGANATHAN:

Prof. J.Ranganathan (JR), formerly Professor of Statistics, University of Madras, and Presidency College, Chennai, is one of the senior most statisticians in South India and has been associated with some of the greatest Indian statisticians like Prof C.R. Rao, Prof S R S Varadhan, Prof B.K. Kale, Prof J. Sethuraman and Prof M. Krishniah (late).

He has taught and inspired many students who are well placed both in India and abroad. He is an inquisitive researcher and still continues to mentor researchers. He is considered as one of the pillars for the growth and development of Statistics in south India for his teaching and research guidance. It is highly befitting and appropriate to honor Professor J.Ranganathan, for his immense contributions to the field of statistics through teaching and research. Hence, the Department of Statistics, University of Madras has taken the initiative of conducting an international conference in his honor as a befitting gesture for his services to the statistics fraternity.

TENTATIVE LIST OF SPEAKERS:

Prof. S.R.S. Varadhan	CIMS, New York University, USA
Prof. J. Sethuraman	University of Florida, USA
Prof. K. Suresh Chandra	University of Madras
Prof. N. Balakrishnan	McMaster University, Ontario, Canada
Prof. Nalini Ravishanker	University of Connecticut, USA
Prof. Nandini Kannan	National Science Foundation, USA
Prof. C.K. Lakshminarayanan	Tera data Lab, USA
Prof. Rakesh Nigam	Madras School of Economics, Chennai
Prof. T. Anbupalam	University of New South Wales, Australia
Prof. G.K. Balasubramani	University of Pittsburg, USA
Dr. S. Durai Raju	Deputy Director General, NSSO (FOD), Chennai
Dr. Sanjai Gubbi	Nature Conservation Foundation, Bangalore
Dr. Anitha Raman	Consultant, IRRI, Manila, Philippines
Dr. Suvra Pal	University of Texas, USA

The department is pleased to inform that there will be a pre-conference workshop on *Applied Time Series Analysis using R* on 20-12-2018 by Prof. Nalini Ravishanker (University of Connecticut, USA) & Dr. Balaji Raman (Cogitaas, Mumbai).

LIST OF CONFERENCE TOPICS:

The thrust area of the conference include the following topics

- Statistical Inference
- Probabilistic Models
- Survival Analysis
- Stochastic and Risk Modelling
- Data Mining
- Categorical Data Analysis
- Design of Experiments
- Data Science
- Reliability and Quality Control
- Regression Analysis

and other related areas.

CALL FOR PAPERS:

Papers are invited from academicians, practitioners and scholars on any topic mentioned in the above list of topics. Selection of papers for presentation will be based on detailed abstracts of about 1500 words. Abstracts must include a clear indication of the purpose of research, methodology, major results, implications, and key references. Times New Roman with a font size 12 is preferred for abstracts and papers.

IMPORTANT DATES:

- Last date for submission of abstract is 30-11-2018.
- Selected papers for presentation will be intimated by 05-12-2018.

Conference/Workshop details, submission of abstracts and online registrations can be done using the following link <http://icasmds2018.wixsite.com/statistics>

A special edition of Journal Statistica & Applicazioni (Statistics and Applications) will be brought out for publications of the peer reviewed papers presented during the conference.

REGISTRATION FEE:

The registration fee should be drawn in favour of **“ICASMDS 2018 IN HONOUR OF PROF J R”**, through–*Cheque/Demand Draft/Net transfer payable at Chennai (SBI A/c No.38002252401, IFSC CODE–SBIN0002234) SBI, Madras University Branch.*

Participants	ICASMDS - 2018	Pre - Conference Workshop
Academia/Industrial	Rs. 2000	Rs. 1000
Research Scholars	Rs. 1500	Rs. 500
Students	Rs. 500	Rs. 500
Foreign Delegates	US\$ 100	US\$ 50

No TA/ DA will be paid to the participants. Accommodation to the participants will be arranged on request in the university Hostel/Nearby Hotels (at nominal fee).

Chennai will have a cool weather of about 80⁰F during December.

Chief Patron	: Prof. P. Duraisamy, Vice-Chancellor
Patron	: Prof. R. Srinivasan, Registrar
Convener	: Dr. M. R. Srinivasan, Professor and Head
Co-Convener	: Dr. S. Sampath, Professor
Organizing Secretary	: Dr. S. Suresh, Asst. Professor
Joint Organizing Secretary	: Dr. M. Ramadurai, Asst. Professor
Treasurer	: Dr. M. R. Sindhumol, Asst. Professor

ADVISORY COMMITTEE:

Prof. N. Balakrishnan	Mcmaster University, Canada	Dr. S. Durai Raju	NSSO (FOD), Chennai
Prof. Nalini Ravishanker	University of Connecticut, USA	Prof. Balaji Rao K	CSIR-SERC, Chennai
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Prof. J. Subramani	Pondicherry University	Prof. S. Thobias	Loyola College
Prof. G. Ravindran	ISI Chennai	Prof. R. Geetha	SDNB Vaishnav College

CONTACT:

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