

# INTERNATIONAL CONFERENCE ON STATISTICS AND DATA SCIENCE (ICSIDS-2024)

In conjunction with the 45<sup>th</sup> Annual  
Conference of

**THE KERALA STATISTICAL ASSOCIATION  
(KSA)**



Organized by  
**DEPARTMENT OF STATISTICS  
SREE SANKARA COLLEGE, KALADY**  
In association with SERB



Observes  
Birth Anniversary of  
Prof. U. S Nair  
(Father of Statistics in Kerala)  
as Kerala Statistics Day  
on 22<sup>nd</sup> January 2024

2024  
January  
22, 23 & 24

**Dear Sir/Madam,**

With great pleasure, we inform you that an “International Conference on Statistics and Data Science (ICSIDS-2024), along with the Annual Conference of the Kerala Statistical Association (KSA), is scheduled to be held at Sree Sankara College, Kalady, during January 22-24 in the hybrid mode. ICSIDS-2024 will be in the online mode on January 22 and in the offline mode on January 23 & 24. We are pleased to invite you to this conference, which will be held at the Department of Statistics, Sree Sankara College, Kalady-683574. Research papers are invited in related areas for presentation in the seminar.

## **THE KERALA STATISTICAL ASSOCIATION**

The Kerala Statistical Association (KSA) was founded in 1979 to bring together and to provide a forum for those who have interest in Probability and Statistics. The Annual General Body Meeting of KSA will be held on 24<sup>th</sup> January 2024 as part of this conference. Dr. U.S Nair ever rolling trophy for the All Kerala Quiz Competition in Statistics, Dr. R. N Pillai Young Statistician Award for the best research paper and Dr. T.S.K Moothathu best paper award will be presented during the seminar. Other major events are Prof. Ramakrishna Pillai Endowment Lecture and Prof. A.M Mathai Endowment Lecture. The research scholars in Statistics below 35 years of age who wish to compete for the Dr. R.N Pillai Young Statistician Award are requested to submit their full text research paper to General Secretary, KSA/Convenor ICSIDS-2024 before 10<sup>th</sup> January 2024 with a copy to [statistics@ssc.edu.in](mailto:statistics@ssc.edu.in). The paper should be an unpublished original work in Statistics. A declaration to this effect and a copy of the certificate proving the age of the candidate also should be enclosed with the paper submitted. All members of KSA are requested to attend the General Body Meeting scheduled to be held on 24<sup>th</sup> January 2024.

## **CALL FOR PAPERS**

Original unpublished research papers are invited from scholars to present in the conference. Send the full paper in the word format or latex format to [statistics@ssc.edu.in](mailto:statistics@ssc.edu.in) on or before 10<sup>th</sup> January 2024 which will be published as proceedings after peer review. Please submit abstracts of your paper in doc or latex formats to [statistics@ssc.edu.in](mailto:statistics@ssc.edu.in). The abstracts should include a title, name(s) of author(s) and their affiliations (with an indication of the presenting author), full mailing address (es), E-mail ID(s) and a few keywords of the topic.

## **THE KERALA STATISTICAL ASSOCIATION**

**Dr. C. Satheesh Kumar**, President

University of Kerala

**Dr. Jane A Luke**, Vice President

Newman College, Thodupuzha

**Dr. Joseph Justine Rebello**, Secretary

Aquinas College, Edakochi

**Sr. Dr. Jisha Varghese**

St. Thomas College, Pala

## **Organizing Committee**

### **Convenor**

Dr. Biju Thomas

### **Organizing Secretary**

Dr. Sowmya M R

### **Department Secretary**

Sri. Benno Mathew

### **Joint Secretaries**

Dr. Mini L/ Ms. Essy C Cherian

### **Online Venue and Programme**

Ms. Nourin Jahan/Ms. Neeraja Menon

### **Registration/ Certificates**

Ms. Mathu K.B/Ms. Aswathi H./Ms. Anjaly Jose

### **Food and Hospitality**

Mr. Saneesh Kumar V.G

## **For more details contact:**

Dr. Biju Thomas : +91 9947721731

Dr. Sowmya M R : +91 9400348237

Saneesh Kumar V G : +91 8606915207

## Important Dates

- ✓ Last date for submission of abstract: 10<sup>th</sup> January 2024
- ✓ Last date for registration and payment of fee: 10<sup>th</sup> January 2024
- ✓ Please submit the abstract of your paper by email to [statistics@ssc.edu.in](mailto:statistics@ssc.edu.in)

Delegates are advised to avail TA from their own institutions

## Registration

Participants are requested to fill out the registration form whose link is provided below before 10<sup>th</sup> January 2024. The fee may be sent to the following bank account:

### Bank details:

Name of the Bank: Bank of Baroda  
Account Number: 62560200000022  
IFSC : BARB0VJMATT  
Branch Name: Mattoor

Account Name: SSC Employees Credit

### Registration Fee: (Without Accomodation)

Participants from Industries: Rs. 2000/-  
Teachers: Rs. 1500/-  
KSA life members: Rs. 1000/-  
Paper Presenters(Offline): Rs . 1500/-  
Paper Presenters(Online): Rs. 1000/-  
Research Scholars and students: Rs. 500/-

For registration click on the link:

<https://forms.gle/s773fGx14UNmxSNp7>

## Highlights

- ✓ Dr. U.S Nair ever rolling trophy for all Kerala Quiz Competition in Statistics
- ✓ Professor R.N Pillai Young Statistician Award for the Best Research Paper
- ✓ Dr. T.S.K Moothathu Best Paper Award
- ✓ Professor K.Ramakrishna Pillai Endowment Lecture
- ✓ Professor A.M Mathai Endowment Lecture

## SREE SANKARA COLLEGE KALADY

Sree Sankara College Kalady is one of the leading educational institutions in Ernakulam district. The institution, affiliated to Mahatma Gandhi University, was founded in the year 1954 by Swami Agamananda, a social reformer and a foresighted scholar of Sri Ramakrishna Advaita Ashram. In June 1960, the patronage of the college became vested in His Holiness Jagadguru Sri Sri Sankaracharya Swamigal of Dakshinamnaya. Currently Sri Sri Bharathi Theertha Mahaswamigal and Sri Sri Vidhusekhara Bharathi Mahaswamigal of Sringeri Muut, steers the administration through a Board of Directors. NAAC has re-accredited the college with B ++ Grade with CGPA score of 2.80. At present the college offers 15 undergraduate programmes, 10 postgraduate programmes 4 B.Voc programmes, and 5 research programmes. The college has excellent records in both curricular and co-curricular activities. The college is privileged to have lot of outstanding alumni who are working in various fields across the globe.

## DEPARTMENT OF STATISTICS

The department of Statistics was established in the year 1993 with the introduction of B.Sc. Statistics Programme with Mathematics and Computer Science as complementary courses. R programming is included in the curriculum of B.Sc Statistics programme. In 2020, Kerala government sanctioned an aided programme M.Sc. Statistics with Data Science . The department has a well-equipped computer centre exclusively for the M.Sc. Statistics students. Students are provided training in softwares like Python, R, and SPSS. The curriculum of this innovative academic programme offers a blend of foundational theoretical courses as well as applied core courses. Along with the conventional theory courses, the M.Sc. Statistics with Data Science programme also includes state-of-the-art courses Machine Learning, Data Visualization, Statistical Techniques in Data Mining, Statistical Modelling, Non-parametric Statistics, Applied Algorithms and Analysis of Multi-type Data. Practical courses are done in R and Python in all semesters .Apart from the degree programmes, department also offers add-on course in Machine Learning. Students also are initiated into blended mode of learning by attending online courses through NPTEL, Coursera and Data Camp.

This academic programme also has an Internship/Project component in the second year under which the students may opt for industry oriented or applied/basic research-oriented project as per their inclination, background, and potential. Department of Statistics provides placement assistance to the students. TCS and Zifo offer placements to the MSc Statistics students.

## Advisory Committee

**Sri. K. Anand**

Managing Director

Sree Sankara College Association

**Dr. Preethi Nair**

Principal

Sree Sankara College, Kalady

**Prof. P.G. Sankaran**

Vice Chancellor, CUSAT

**Dr. C. Satheesh Kumar**

President, KSA

**Dr. Joseph Justine Rebello**

Secretary, KSA

**Dr. Yageen Thomas**

University of Kerala

**Dr. K.K Jose**

Mahatma Gandhi University

**Prof. N. Balakrishna**

IIT, Tirupati

**Dr. Johny Scaria**

Mahatma Gandhi University

**Dr. K. Jayakumar**

Calicut University

**Dr. Sebastian George**

Kannur University