

School of Mathematics and  
Statistics  
&  
School of Data Analytics



Mahatma Gandhi University Kottayam



*Inauguration*

Prof. Dr. C. T. Aravindakumar  
Hon. Vice Chancellor



Prof. Dr. K. K. Jose  
Hon. Director  
SMS & SDA

Organizing Committee:

Prof. Dr. R. Sreekumar  
Dr. S. Satheesh  
Dr. Ancy Joseph

C. R. RAO CHAIR FOR  
INTERDISCIPLINARY  
STUDIES AND RESEARCH

Lecture Series during  
4-7 September 2024  
Convergence Academia  
Complex



*Honouring*

Prof. Dr. Arup Bose  
Stat - Math Unit, ISI  
with C. R. Rao Chair  
Professorship on  
06.09.2024 at 10 am.



Prof. Dr. Mausumi Bose  
Sampl. & Off. Stat Unit, ISI



# School of Mathematics and Statistics

## C. R. RAO CHAIR FOR INTERDISCIPLINARY STUDIES AND RESEARCH

C. R. RAO CHAIR is established by Mahatma Gandhi University Kottayam in the School of Mathematics and Statistics in memory of the world renowned legendary statistician Professor Calyampudi Radhakrishna Rao (1920-2023) to encourage interdisciplinary studies and research in Statistics and related disciplines. As part of this we have decided to honor a world renowned statistician who has made significant contributions in statistics teaching and research by instituting the Prof. (Dr.) C. R. Rao Chair Professorship. This year Prof. (Dr.) Arup Bose, Indian Statistical Institute will be conferred this prestigious award during 2024-26 on 6th September 2024 in recognition of his significant contributions in Statistics and related disciplines.

Dr. Arup Bose is an internationally reputed Statistician who had contributed significantly to Statistics and related areas with his seminal works. He became HAG Professor in 2011 and continued till superannuation in 2024. He is presently Visiting Professor.

Professor Bose acted as Professor and Head of the Stat-Math Unit, ISI during 2002-2005 and 2016-18. He was visiting Professor at Purdue University & Indiana University, Distinguished Visiting Professor in the Dept. of Economics, University of Cincinnati etc. Prof. Arup Bose had received many honours and recognitions like Shanti Swarup Bhatnagar Prize; Young Researcher Award of the International Indian Statistical Association; C. R. Rao National Award in Statistics of MOSPI, Govt. of India; P.C. Mahalanobis Medal of Indian National Science Academy; J.C. Bose Fellowship of DST, Govt. of India; Mahalanobis International Award of the International Statistical Institute 2023 as Lifetime Achievement Award etc.

He is Fellow of the Institute of Mathematical Statistics, USA; Fellow of the Indian Academy of Sciences Bangalore; Fellow of the Indian National Science Academy, New Delhi; Fellow of the National Academy of Sciences, Allahabad; Fellow of the Indian Society for Probability and Statistics; Elected Member of the International Statistical Institute etc. He is also member of many Professional Societies in Statistics and Mathematics at national/ international levels. Prof. Bose had been Editor of many reputed International Journals like Sankhya, Random Matrix Theory and Applications.

He had published 6 books and over 160 research papers in reputed International Journals. He had been Chief Resource Person and Keynote/Invited speaker in many international conferences and workshops. He had been Chairman/ Member of many Committees at National / International level.

Prof. Mausumi Bose retired as HAG Professor from the App - Stat Unit of ISI in 2024. She is presently Visiting Professor at Sampl. & Off. Stat. Unit, ISI and NBHM Visiting Professor and her areas of research are Statistics, Design of Experiments, Cross-over Experiments, Selection Problems, Sample Surveys, Cryptology etc.

### Title of Talks

1. Invitation to Random Matrices & Applications
2. Resampling Techniques and Applications.
3. Applications of Combinatorial Designs to Cryptography.

**All are cordially invited**