

Registration can be done at:  
<http://docs.google.com/forms/d/e/1FAIpQLSf-2dUvt7IuRrSoB7R1x8StapacMTI8VxCWTAOn#TQWJ9LOTA/viewform>

OR

Fill the softcopy of registration form available on  
<http://www.crraoaimscs.org/> and send to  
[profraostat@gmail.com](mailto:profraostat@gmail.com)

### Important Dates

Last Date for paper Submission	17-01-2020
Notification of acceptance of the paper	24-01-2020
Last Date for Registration	31-01-2020
Conference	6-7 February, 2020

**Presenting Author of accepted papers is exempted from the payment of registration fee**

- Accepted papers will be included in Conference Proceedings.
- Participation Certificates will be given to all attendees.
- Paper presentation certificates will be given to the accepted papers presented.

#### CONTACT PERSON

**Dr.G. Padmavathi**

Convener,  
 Conference "Statistics and Applications"  
 CR Rao AIMSCS, Prof. C.R.Rao Road  
 University of Hyderabad Campus,  
 Phone: +91 40 29553331, +91 9848271485  
[profraostat@gmail.com](mailto:profraostat@gmail.com)

#### VENUE

**Ramanujan Auditorium,**  
 C. R. Rao AIMSCS(Advanced Institute of  
 Mathematics Statistics & Computer Science),  
 University of Hyderabad Campus,  
 Prof. C.R. Rao Road, Gachibowli  
 Hyderabad, Telangana-500046

## Prof. C. R. Rao Birth Centenary Conference on "Statistics and Applications", 6-7 February, 2020

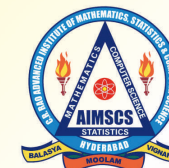
### Programme Schedule

DAY-1 (Thursday): 06-02-2020	
8:30AM-9:30AM	Registration
9:30AM-10:30AM	Inauguration
10:30AM-11:00AM	Tea Break
Session-1 11:00AM-11:45PM	Prof. Rahul Mukerjee, IIM Calcutta Title: Latin Square Designs: Causal Inference in a Potential Outcomes Framework.
Session-2 11:45AM-12:30PM	Prof. J.V. Deshpande, Former Professor, S P Pune University, Pune Title: Reliability Theory: An Overview
12:30PM-1:15PM	Lunch Break
Session-3 1:15PM-2:00PM	Prof. V. Hara Gopal, BITS,Hyderabad. Title: Data Science – Sixth Sense in Real Sense
Session-4 2:15PM -3:00PM	Dr. K.V. Subbaraya Sarma, Former Professor, S V University Title: A Statistical Model to Identify New Born Babies with Low Birth Weight
3:00PM-3:15PM	Tea Break
Session-5 3:30PM-5:00PM	Paper Presentations
DAY-2 (Friday): 07-02-2020	
Session-1 9:30PM-10:15AM	Prof.T.J.Rao Former Professor, ISI, Kolkata Title: Sampling theory and applications
10:15PM-10:45PM	Tea Break
Session-2 10:45PM-11:30PM	Prof B LS Prakasa Rao, CR Rao AIMSCS Title:Data Science: An Overview
Session-3 11:30PM-12:15PM	Prof.S.B.Rao CR Rao AIMSCS Title: Applications of orthogonal arrays to cryptography and computer science
Session-4 12:15PM-1:00PM	Prof. M. Bhattacharjee, University of Hyderabad Title: Bio-Statistics
1:00PM-2:00PM	Lunch Break
Session-5 2:00PM-2:45PM	Prof. K. Srinivasa Rao, Andhra University, Visakhapatnam Title: Statistics and Applications,
Session-6 2:45PM-3:30PM	Paper Presentations& Closing Remarks
3:30-4:00PM	Tea Break

## Prof. C. R. Rao Birth Centenary Conference on "Statistics and Applications", 6-7 February, 2020



**Organized by**



**C R Rao Advanced Institute of Mathematics,  
 Statistics and Computer Science (AIMSCS),  
 HCU Campus, Gachibowli,Hyderabad.**

**Sponsored by DST-SERB**



**DR.D.N.REDDY**  
 General Chair & Director  
 CR Rao Aimscs

**DR.B.L.S.PRAKASA RAO**  
 CR Rao Aimscs  
 Co-chairs

**DR.S.B.RAO**  
 CR Rao Aimscs  
 Co-chairs

**DR.G.PADMAVATHI**  
 CR Rao Aimscs  
 Convener

## CHIEF PATRON

**Prof. C. R. Rao, AIMSCS**

## PATRONS

**Dr. C. Rangarajan, President, CR Rao AIMSCS**

**Dr. V. K. Saraswat, Member, NITI Aayog  
Chairman, CR Rao AIMSCS**

## ADVISORY COMMITTEE

**Dr. D. N Reddy, Director, CR Rao AIMSCS**

**Dr. Bimal Kumar Roy, National Statistical Commission, New Delhi.**

**Dr. B. L. S. Prakasa Rao, CR Rao AIMSCS**

**Dr. S. B. Rao, CR Rao AIMSCS**

**Dr. Subhamoy Maitra, ISI, Kolkata**

**Dr. Arni Srinivasa Rao, Augusta University, USA**

**Dr. B.M. Reddy, Rtd. Director Grade Scientist, NPL, New Delhi**

**Dr. U. Yugandhar, DMS, CR Rao AIMSCS**

## ORGANIZING COMMITTEE

**Prof. Ashutosh Saxena, CR Rao AIMSCS**

**Dr. B.Shobha, University of Hyderabad.**

**Dr. Appala Naidu Tentu, CR Rao AIMSCS**

**Dr. P.V.S.Anand, Rayalaseema University**

**Dr. Arpita Maitra, CR Rao AIMSCS**

**Dr. K. V. Pradeepthi, CR Rao AIMSCS**

**Dr. Priyanka Mekala, CR Rao AIMSCS**

**Dr. V.Sirisha, CR Rao AIMSCS**

**Dr. Supriya Goel, CR Rao AIMSCS**

**Ms. J.Neelima, CR Rao AIMSCS**

**Dr. R. Bala Krishnan, CR Rao AIMSCS**

**Mr. Y.Nagendar, CR Rao AIMSCS**

**Ms. Chaitanya Palli, CR Rao AIMSCS**

**Mr. A.Swamy Naidu, CR Rao AIMSCS**

**Mr. Sandeep Naidu, CR Rao AIMSCS**

**Ms. D. Srikala, St. Ann's College, Hyderabad**

**Ms. Parimala Sudhir, Arora Degree & PG College, Hyderabad.**

## ABOUT AIMSCS

The CR Rao AIMSCS is engaged in cutting-edge research in areas of Mathematics, Statistics, Wireless Communication, Computer Science and interdisciplinary fields. The mission of the Institute includes dissemination of advances made in these fields to the society through workshops, conferences, guiding doctoral students and providing consultancy services to Government and Industrial Organizations

## ABOUT PROF. C. R. RAO AND CONFERENCE OVERVIEW

Prof. C.R.Rao, FRS, was born on 10 September, 1920 in Huvanna Hadagali, now in Karnataka State. He studied in schools at Gudur, Nandigama and Visakhapatnam, in Andhra Pradesh and completed his M.A. in Mathematics at the Andhra University Waltair, Visakhapatnam, Andhra Pradesh. He did his M.A. in Statistics from Calcutta University in Kolkata. Prof. Rao worked in India at the Indian Statistical Institute for 40 years before he took mandatory retirement at the age of 60 and worked for another 30 years at the University of Pittsburgh and the Pennsylvania State University, USA. Presently he holds Honorary Professorship at The Pennsylvania State University, PA, USA and at the University at Buffalo, SUNY, USA. He has 477 Research Papers, received 39 Honorary Doctorate Degrees from Universities in Six Continents, and Author of 15 Textbooks, guided 51 Ph.D students and edited 39 volumes of Handbook of Statistics.

The CR Rao Advanced Institute of Mathematics, Statistics and Computer Science (AIMSCS) has been established in 2005 in Honour of the Legend and World Renowned Statistician and Padmavibhushan Prof. Calyampudi Radhakrishna Rao. Two of Rao's research papers published when he was 25 and 27 years of age have been reproduced in the book "Statistics Published in the Last Century". One of the papers, "Information and accuracy attainable in the estimation of statistical parameters," Bull. Cal. Math. Soc. 37, 81-91, 1945, published at the age of 25, generated the technical terms Cramer-Rao inequality, Rao-Blackwellization and Rao metric and became the topic of research by mathematicians and quantum physicists.

He got Shanthi Swarup Bhatnagar Award, Padma Vibhushan, National Science Medal USA, India Science Award, Prof. P.C. Mahalanobis International Award, Guy Medal in Gold of the Royal Statistical Society UK. As a part of his Birth Centenary celebrations, this conference covers research areas related to Statistics and its applications and also some of the many contributions of Prof. C.R.Rao.

- This Conference is intended for Researchers, Faculty, Students and Industry Professionals who work in Statistics and/or its applications.
- There will be key note addresses by Eminent Academicians & Industrial Experts, invited talks by Researchers and short paper presentations by Faculty and Research Scholars.
- In addition, there will be Panel Discussion on the topic "Placement Opportunities for Statisticians" by Academicians and Industrial Experts.
- Speakers include Eminent Academicians and Researchers from ISI (Kolkata), IIM (Kolkata), Pune University and from reputed universities including University of Hyderabad, Osmania University, Andhra University, Sri Venkateswara University, Acharya Nagarjuna University & Industry Experts.

## KEYNOTE SPEAKERS :

- 1) Prof. Rahul Mukerjee, IIM Calcutta
- 2) Prof. J V Deshpande, Former Professor, SP Pune University, Pune
- 3) Prof B.L.S. Prakasa Rao, CR Rao AIMSCS
- 4) Prof.T.J.Rao, Former Professor, ISI, Kolkata
- 5) Prof. S.B.Rao, CR Rao AIMSCS

## INVITED SPEAKERS :

- 1) Prof. V. Hara Gopal, BITS, Hyderabad
- 2) Dr. K.V. Subbaraya Sarma, Former Professor, S V University
- 3) Prof. M. Bhattacharjee, HCU
- 4) Prof. K. Srinivasa Rao, AU

## CALL FOR PAPERS

Call for short papers (not more than 10 pages) for presentation in the areas of Statistics and/or its applications preferably in some of the important topics in which Prof. CR Rao made path breaking contributions which include:

1. Multivariate Analysis
2. Design of Experiments
3. Statistical Inference
4. Characterization Problems
5. Matrix Theory
6. Econometrics

## Registration Fee

Research Students	INR 500
Academia/ R & D Org./Industry	INR 1000

## Wire Transfer Details

Name of Account Holder :	Director, CR Rao Advanced Institute of Mathematics Statistics & Computer Science
Bank Account Number :	4106000100034593
Bank Details :	Punjab National Bank, Hitech City Branch (IFSC Code PUNB0410600)

**\*Please enter the transaction number in the prescribed application form.**