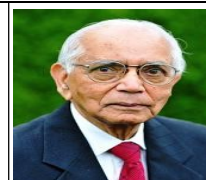


13th Statistics Olympiad 2023

Conducted by

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

Date of examination: 29th January 2023(Sunday)



About Statistics Olympiad:

An Advanced Institute of Mathematics, Statistics and Computer Science was setup in Hyderabad Central University in 2006 and it is befittingly named after the living legend and one of the most celebrated statisticians of our times, Padma Vibhushan C.R. Rao, FRS, Former Director, Indian Statistical Institute, Kolkata, and presently Research Professor at University of Buffalo, USA.

In order to raise awareness on statistics, and to encourage those with an aptitude for number and numerical reasoning to study statistics, Prof. C.R.Rao has suggested conducting a Statistics Olympiad to spot statistical talent at an early age on similar lines to the continuing Mathematics Olympiad. C R Rao AIMSCS conducted Statistics Olympiad for the first time in the world in 2009 in India and is continuing to do so every year to bring the attention of students the importance of statistics and the need to produce statisticians for national development.

Exam Centres:

- 1) AURANGABAD
- 2) BANGALORE
- 3) BARODA
- 4) CHENNAI
- 5) DELHI
- 6) GANGTOK
- 7) GUNTUR
- 8) HANUMAKONDA
- 9) HYDERABAD
- 10) INDORE
- 11) KAKINADA
- 12) KARIMNAGAR
- 13) KHAMMAM
- 14) KOLKATA
- 15) KURNOOL
- 16) LUCKNOW
- 17) MANGALORE
- 18) MUMBAI
- 19) NAGPUR
- 20) NALGONDA
- 21) NASHIK
- 22) PORT BLAIR IN ANDAMAN
- 23) PUNE
- 24) SILCHAR
- 25) SRILANKA
- 26) THIRUVANANTHAPURAM
- 27) TIRUPATHI
- 28) VIJAYAWADA
- 29) VISAKHAPATNAM
- 30) WARANGAL
- 31) PALVONCHA, KHAMMAM
- 32) GADWAL
- 33) TRIPURA

Eligibility Criteria

Students who have secured grade A or $\geq 65\%$ marks in Mathematics in previous academic year in any board examination are eligible.

The competition is conducted at Two Levels:

- a. Junior Level: Students who are presently studying Class IX and X(2022-23).
- b. Senior Level: Students who are presently studying Class XI, XII and degree 1st year (2022-23).

Prizes:

At each level, top 3 students will be given CR Rao and C. Bhargavi Rao Prizes:

- First Prize of **Rs.15000**
- Second Prize of **Rs.10000**
- Third Prize of **Rs.7000**

on 29th June 2023 during 17th Statistics Day celebrations at CR Rao AIMSCS, Hyderabad. Also, the top performers up to a maximum of 15 students in each level will be awarded merit certificates during the same function.

Registration fee: Rs.150/- (One Hundred fifty rupees only).

Registration Last date: 25.12.2022

Registration Portal:

<https://crraoaimscs.res.in/statistics-olympiad-2023.php>

Statistics Day Celebrations:

- In recognition of the notable contributions made by Late Professor Prasanta Chandra Mahalanobis, founder director, ISI Kolkata, in the fields of statistics, statistical system and economic planning, Government of India in 2007, has designated 29th June as the "Statistics Day" in the category of Special Days to be celebrated every year at the National level.
- The objective of celebration of this day is to create public awareness about the importance of statistics in socio- economic planning and policy formulation, to acknowledge the contribution of Prof. Mahalanobis, and to pay homage to him.
- Prize distribution of Statistics Olympiad exam top performers happens on the Statistics Day of every year.

For any queries

Convener

Dr U Yugandhar

Co-ordinator

Dr Y Nagendar

Ph: 7799661990

E-Mail: statolympiad@gmail.com

Webiste: <https://crraoaimscs.res.in/>

SCOPE OF THE TEST: Since the test is in the nature of a talent competition, no special knowledge of any particular syllabus is required. The test questions would not be primarily of any syllabus oriented but of a nature requiring insight, critical approach, logical thinking, the power of application of knowledge in solving problems and a general mathematical maturity and statistics appropriate at that level.

Outline of Topics for Statistics Olympiad

Basic set theory, basic algebra, basic descriptive statistics, problem solving, data representation, data handling, counting techniques, elementary probability theory, functions and distances, permutations and combinations, elementary geometry, elementary number theory.

Director

C.R.Rao Advanced Institute of Mathematics, Statistics and Computer
Science (AIMSCS) University of Hyderabad Campus,
Prof.CRRao Road, Hyderabad – 500 046, (Telangana)India.

Phone:+91 40 29562324, +91 40 29563118 (Tele fax)

Email: director@crraoaimscs.res.in