

Applied Linear Algebra, Probability and Statistics (ALAPS 2026)

September 18, 2026

A one-day symposium in honor of Prof. C. R. Rao

About the Symposium



Padma Vibhushan Professor Calyampudi Radhakrishna Rao was one of the greatest Indian statisticians and the recipient of the 2023 International Prize in Statistics, often regarded as the equivalent of the Nobel Prize in Statistics. Prof. Rao received this prestigious award for his groundbreaking 1945 paper, "Information and the Accuracy Attainable in the Estimation of Statistical Parameters," published in the *Bulletin of the Calcutta Mathematical Society*. Born on September 10, 1920, at Hoovina Hadagali, Karnataka, Prof. Rao lived a remarkable life spanning more than 102 years until his passing on August 22, 2023.

The Centre for Advanced Research in Applied Mathematics and Statistics (CARAMS), MAHE, has been organizing events and special sessions in his honor since 2020, when it celebrated "CRR Day" marking his 100th birthday. In the same year, CARAMS organized the international conference ALAPS 2020 (online) in honor of Prof. Rao. With the assistance of his daughter, Dr. Teja Rao, Prof. Rao joined the conference virtually, accepted the felicitation, and conveyed his best wishes to participants. Subsequently, CARAMS organized ICALAA 2021 and IWMS 2021 (hybrid format), which included special sessions dedicated to Prof. Rao. In 2023, a two-day symposium was organized as a tribute to Prof. Rao, followed by one-day symposiums in 2024 and 2025, accompanied by several student-centered activities celebrating his life and contributions.

CARAMS, MAHE will be organizing a one-day symposium on September 18, 2026, in the memory of Prof. Rao. On this occasion, there will be a technical talk by Dr T.P.M Pakkala, which will be a part of CRR Lecture Series organized by CARAMS, MAHE.

Invited Speaker



Dr T. P. M. Pakkala

Former Professor of Statistics
Mangalore University

The objective of the symposium is to connect young scholars and students with Rao's area of work and his achievements. Besides having seminars and technical sessions from eminent scientists in the field, and many student activities refreshing the memories of Rao, scholars and students are also encouraged to present their research work with the theme connected to Rao's work and achievements.

The theme of symposium shall focus on, but not limited to

- ☐ Theoretical and applied Linear Algebra
- ☐ Probability and Statistical Inference
- ☐ Applied Statistics (applications in the area of engineering, bioinformatics, medicine, digital signal processing, economics etc.)

and the articles in the above focus area may be submitted for the presentation in the contributory session.

Venue: MIT KEF R&D Center, MIT, MAHE, Manipal

Registration Fee

Foreign delegates: 30 USD

Indian delegates: 500 INR + GST

Important Dates

Last Date for registration : September 14, 2026

How to Register?: Enroll in our portal using the link <http://carams.in/registration> and then go to 'My Page' for further details such as guidelines for online fee payment, uploading of personal information, uploading abstract of talk, and any other relevant information.



Note: Participants taking part in the student activities are exempted from the registration fee payment.

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Visit us at <https://carams.in/events/alaps2026/>

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STUDENT ACTIVITIES

September 18, 2026

About the Symposium

Padma Vibhushan Professor Calyampudi Radhakrishna Rao is one among the great Indian statisticians who received 2023 International Prize in Statistics, which is equivalent to Nobel prize in Statistics. CRR, a living legend, received this prize for his groundbreaking work titled '*Information and the Accuracy Attainable in the Estimation of Statistical Parameters*' published in Bulletin of Calcutta Mathematical Society in 1945. C R Rao, born on September 10, 1920 at Hoovina Hadagali, Karnataka lived a long fruitful life of 102+ years till August 22, 2023.

Center for Advanced Research in Applied Mathematics and Statistics (CARAMS, MAHE) has been organizing events and special sessions in honor of him since 2020. CARAMS, MAHE will be organizing a one-day symposium on September 18, 2026. In order to introduce Prof. Rao's work and achievements to the young minds of the region, student activities and competitions related to the life and works of Prof. Rao are held.

The objective of the symposium is to connect young scholars and students with Rao's area of work and his achievements. Besides having seminars and technical sessions from eminent scientists in the field, and many student activities refreshing the memories of Rao, scholars and students are also encouraged to present their research work with the theme, "**Life and works of Prof. C.R. Rao**".

The theme of symposium shall focus on, but not limited to,

- ☐ Theoretical and applied Linear Algebra
- ☐ Probability and Statistical Inference
- ☐ Applied Statistics (applications in the area of engineering bioinformatics, medicine, digital signal processing, economics etc.).

The articles in the above focus area may be submitted for the presentation in the contributory session.

Student Activities

Quiz Competition

- A college can send a team of 2 members.
- Quiz will have 3 rounds (excluding screening round).
- Questions will be related to basic mathematics and statistics, linear algebra and its applications and C.R. Rao and his life works.



Collage Making Competition

- A college can send a team of maximum 3 members.
- Theme - **Life and works of Prof. C.R. Rao**.
- Time limit – 1.5 Hours.
- Only one black colored chart (70×56 cm) will be provided by the organizers. All the other necessary materials like paper, pictures, magazines, glue, scissors, sketch pen/colors etc., are to be brought by the participants.
- Judgement will be based on the content and presentation.



Oral Presentation

- A college can send any number of students to present their individual works.
- The topics must be related to the theme of the symposium which may include independent work, college projects or any related published works.
- The mode of the presentation (chalk and board/PPT) is left to the participants.
- Time limit: 8 + 2 minutes.
- To avoid last minute discrepancy, participants who use slides are supposed to send their files to carams.mahe@gmail.com by September 17, 2026.
- Judgement will be based on communication, content/comprehension, and engagement.



General Instructions

- The judges' decision will be final and should be abided.
- No mobile or internet means would be allowed at the time of competition.
- The prize distribution ceremony will take place during the valedictory session.

For any queries, contact: Mr. Nikhil Pereira (9916640226)
Mr. Sathvik J Acharya (9900643950)

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