

# C.R.Rao and P.K.Sen Memorial Lectures

*Organized by the Department of Statistics, University of Calcutta*

**February 17, 2024**

**Venue: Seminar Room, Department of Statistics, University of Calcutta**

**C.R. Rao Memorial Lecture: 3 pm- 4 pm**

**Chairman: Prof. Alok Goswami: Indian Association for the Cultivation of Science**

**Speaker: Prof. Probal Chaudhuri: Indian Statistical Institute, Kolkata**

**Title: *THE MAN WHO CHOSE STATISTICS AS THE LAST RESORT.***

**P.K. Sen Memorial Lecture: 4.15 pm-5.15 pm**

**Chairman: Prof. S.P. Mukherjee: Former Centenary Professor, University of Calcutta**

**Speaker: Prof. Dipak Dey: University of Connecticut, USA**

**Title: *Modern Nonparametric Statistics: A Flexible Machine Learning Approach.***

**High Tea: 5.30 pm**

# C.R.Rao and P.K.Sen Memorial Seminar

*Organized by the Department of Statistics, University of Calcutta*

**February 16, 2024**

**Venue: Seminar Room, Department of Statistics, University of Calcutta**

**Inaugural Session: 10.45 am - 11 am**

**Chairman: Prof. Asis K. Chattopadhyay, University of Calcutta**

Chairman's Address:

A tribute to Professor C.R. Rao: Prof. Arindam Sengupta, University of Calcutta

A tribute to Professor P.K.Sen: Prof. Gaurangadeb Chattopadhyay, University of Calcutta

**11 am -11.45 am: Speaker: Prof. Amita Pal, Indian Statistical Institute, Kolkata**

Title: *Classification under Elliptically Symmetric Multivariate Models*

**Tea Break: 11.45 am-12 noon**

**Session-2: 12 noon to 1.30 pm**

**Chairman: Prof. Biswajit Roy, Presidency University**

**12 noon - 12.45 pm: Speaker: Prof. Dulal Bhaumik, University of Illinois, Chicago, USA**

Title: *How do the penile and vaginal microbiome improve sexual and reproductive health outcomes*

**12.45 pm -1.30 pm: Speaker: Prof. Rahul Bhattacharya: University of Calcutta**

Title: *Improving Markov Inequality*

**Lunch: 1.30 pm-2.30 pm**

**Session-3: 2.30 pm-4 pm**

**Chairman: Prof. Sugata Sen Roy, University of Calcutta**

**2.30 pm-3.15 pm: Speaker: Prof. Alok Goswami: Indian Association for the Cultivation of Science**

Title: *Measure Theory: an unnecessary torture or an essential bedrock for probability?*

**3.15 pm- 4 pm: Speaker: Dr. Arnab Chakraborty: Indian Statistical Institute, Kolkata**

Title: *Independent or dependent?*

**Coffee: 4 pm**