



# Mrs. A V N COLLEGE

21-1-17, I Town

Visakhapatnam 530001


162 Years Old Premier Institute of Higher Learning, Permanently Affiliated to Andhra University – Visakhapatnam,  
Recognized Under UGC Act Section 12(b) and 2(f), NAAC Accredited with "A" Grade in 2017 (3- cycle)  
Chairman: Collector and District Magistrate of Visakhapatnam, Dr.A.Mallikharjun, I.A.S.,

Vision: QUALITY EDUCATION FOR ALL

Mission: TO CREATE A THRIVING COMMUNITY FOR THE DEVELOPMENT OF EDUCATION, CULTURE AND SOCIAL VALUES

## INTERNATIONAL VIRTUAL CONFERENCE ON Prof. C. R. RAO'S OF THOUGHT ON STATISTICAL SCIENCES

The department of statistics, Ramanujan school of mathematical sciences Pondicherry University In association with Department of mathematics & statistics Mrs. A. V. N. College on the eve of Prof. C. R. Rao's Birth Centenary Year organized an international virtual conference on Prof. C. R. Rao's School of thought on Statistical Sciences. (ICON-CRRAO-STOSS 2020) on 21<sup>st</sup> – 22<sup>nd</sup> & 28<sup>th</sup> – 29<sup>th</sup> November 2020. The conference was chaired by Dr. P. Tirupathi Rao Professor & Dean, RSMS Pondicherry University. Dr. P. Dhanavanthan Professor & Head, Department of Statistics Pondicherry University was Convener of this conference. Capt. Dr. Prof. N. Rama Krishna of Mrs. A. V. N. College was co-convener. This Conference aims to bring a common platform for researchers, academicians, corporate people involved in statistical theory and practice. The conference invited the authors to contribute their papers. 250 researchers and students participated in this activities.

  
PRINCIPAL  
Mrs. A.V.N. COLLEGE  
VISAKHAPATNAM

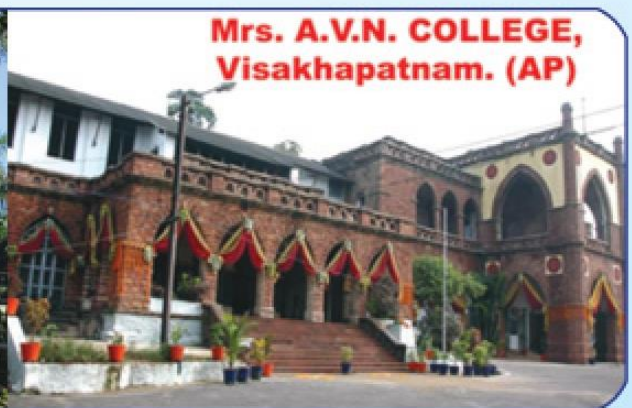


**International Virtual Conference on  
Prof. C.R. Rao's School of Thought on Statistical Sciences  
(ICON-CRRAO-STOSS 2020)  
(On the eve of Prof. C. R. Rao's Birth Centenary Year)**

*Organized by*  
**DEPARTMENT OF STATISTICS  
RAMANUJAN SCHOOL OF MATHEMATICAL SCIENCES  
PONDICHERRY UNIVERSITY (A Central University)**  
&  
**DEPARTMENT OF MATHEMATICS & STATISTICS  
Mrs. A.V.N. College (Almamater of Prof. CR Rao), Visakhapatnam**

**Dates : 21<sup>st</sup> - 22<sup>nd</sup> & 28<sup>th</sup> - 29<sup>th</sup> November 2020**

**Timings: 10.00 A.M to 1.00 P.M and 5.00 P.M to 8.00 P.M (Indian Standard Timings)**



[Click Here for Registration](#)

**General Chair**

**Dr. P. Tirupathi Rao**  
Professor & Dean, RSMS  
Pondicherry University  
Puducherry, India  
Email: traopadipu@gmail.com;  
icon.crrao.stoss@gmail.com  
Mobile: 9629862241

**Convener (Pondicherry University)**

**Dr. P. Dhanavanthan**  
Professor & Head  
Department of Statistics  
Pondicherry University  
Puducherry, India

**Convener (Mrs. A.V.N. College)**

**Capt. Dr. Prof. N. Rama Krishna**  
Mrs. A.V.N. College, Visakhapatnam  
Andhra Pradesh, India

## Theme of the Conference

This conference aims to bring a common platform for researchers, academicians, corporate people involved in statistical theory and practice. Exchange of new innovations, ideas through novel ways; inspiring the young minds to galvanize the research arena and expanding the scientific horizons of statistical thinking are the other important objectives of the conference. The target of hosting the conference is to make the meet as a rendezvous of statistical researchers to explore the remarkable contributions and make the journey through new vistas of modern technology and its engineering. The conference is intended to excel the creativity of the delegates by contributing the remarkable and productive research outputs. The conference is scheduled to have a lot of activities like keynote address, plenary talks, and invited talks by eminent statisticians, computer scientists, and management professionals by covering core areas. Department of Statistics, Pondicherry University along with Department of Mathematics and Statistics, Mrs. A.V.N. College, Visakhapatnam are jointly organizing this event as collaborative program.

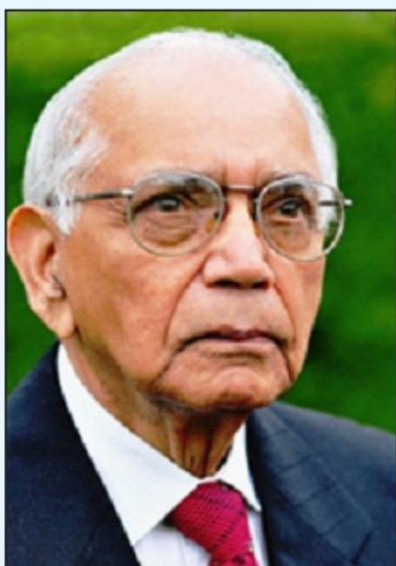
This virtual conference focuses on the following major categories:

- Thematic Lectures by direct Ph.D. students of Prof. CR Rao
- Plenary talks and Keynote addresses
- Invited talks on latest thrust areas of research
- Technical (oral) presentations and
- Poster presentations

Prof. C. R. Rao is a pioneer in almost all areas of research and made impressive contributions. A few of them are taken as conference themes and are listed below:

- Biometrics
- Combinatorial Design
- Designs of Experiments
- Predictive Modeling
- Time Series Analysis
- Financial Forecasting
- Statistical Inference
- Orthogonal Arrays
- Functional Equations
- Big Data Analytics
- Operational Research
- Distributions Theory
- Linear Models
- Sampling Theory
- Econometrics
- Regression Analysis
- Decision Science
- Optimization Techniques
- Multivariate Analysis
- Statistical Genetics
- Statistical Computing
- Machine Learning
- Stochastic Modeling
- Applied Probability

## About Prof C R Rao



“Professor **Calyampudi Radhakrishna Rao** (popularly known as **C.R. Rao**) whose birth centenary is being celebrated this year is a living legend in Statistical Science. Having obtained his Ph.D. degree in Statistics under Prof. R.A. Fisher, he along with Prof. P.C. Mahalanobis pioneered the growth of Statistical Science in India and the world at large. His contributions to the development of Indian Statistical Institute are immense. Prof. C.R. Rao has been awarded more than 20 honorary doctorate degrees from leading academic institutions around the globe. Many results and theorems in Statistics are named after him. He has supervised 52 Ph.D. students and has received numerous awards, accolades and recognitions from various governments and scientific bodies including “**Padma Vibhushan**” from Government of India.

The Department of Statistics, Pondicherry University takes pride in organizing this International Virtual Conference on Prof. C.R. Rao’s School of thought during his birth centenary year”.

### **About Pondicherry University & Department of Statistics**

Pondicherry University is a central university established in 1985 under Indian parliament act. It has completed its 35 years of journey of excellence. It spread over a sprawling lush green, Wi-Fi enabled campus of 800 acres. It has emerged as one of the fastest expanding central universities of India. It offers around 147 Master's, Doctoral and Diploma programmes in 34 departments and 9 centers under 13 different schools. There are 95 affiliated colleges including Human Resource Development Centre and Directorate of Distance Education. It is one of the front line universities in the country to introduce Choice Based Credit System (CBCS) with semester system. It provides the most hospitable environment for pursuing higher education in Pure and Applied Sciences, Engineering & Technology, Humanities, Social Sciences, Management, Education, Media and Liberal Arts. The objective of the university is to remain connected globally, at the forefront of all institutions of teaching, learning and research.

The Department of Statistics was established in the year 2006, sponsored by DST-FIST and UGC-SAP (DRS-I). It is offering two major Post Graduate courses namely M.Sc. Statistics (Two years), M.Sc. Integrated Statistics (5years), Ph.D. in Statistics and a PG Diploma Course on Statistical and Research Methods (1 year Add – on Course). The thrust areas of research in the department are Statistical Inference, Data Mining, Computer Aided Data Analysis, Biostatistics, Distribution Theory, Reliability Theory, Survival Analysis, Bayesian Inference, Stochastic Modeling, Econometrics, etc. The faculty members have published good number of research articles in various journals with National and International repute. All the faculty members are being actively involved in inter disciplinary research programmes. Department organizes faculty development programs on statistical packages to within and outside university.

### **About Mrs. A.V.N. College & Department of Mathematics & Statistics**

Mrs. A.V.N. College founded in 1860, has the unique distinction of being one of the select few colleges serving admirably the educational and cultural needs of South India in general and Andhra Pradesh in particular. Mrs. AVN College secure NAAC "A" grade and state 19th Rank in overall performance by CCE, AP. The first Indian Nobel Laureate Sir CV Raman passed out of this institution. Other distinguished students were Padma Vibhushan Prof. C.R. Rao., Sri. Sonthi Ramamurthi, ICS, Sri B.S. Sarma, Member of Viceroy's Executive Council in the twenties, Sri Vepa Ramesam, High Court Judge, Madras, Padma Bhushan Dwaram Venkata Swami Naidu, Sri Tenneti Viswanadham, Prof. B. Rama Chandra Rao, Ex-Vice Chairman, UGC, Sri S.V. Ranga Row, Sri Alluri Seetharama Raju, Dr M. Gopala Krishna Reddy, Former Vice-Chancellor, Andhra University. The department of Mathematics was established in the year 1904 and Sri SV Ramaiah was the first member of the department joined in the same year and served the college till 1919.

### **Call for Papers & Poster Presentation**

The authors are invited to contribute their papers. The abstract of the contributing paper should focus on the items such as objective of the study, methodology, research findings and scope of the study. There will be a review on the abstracts by experts and selection of the paper is based on the recommendations of the referee committee. Conference secretariat is planning to bring out the proceedings of the conference after a peer review process. The authors are requested to prepare their full length paper and communicate the same as per the scheduled time. Preference will be given to the papers with new theoretical contribution, novel applicability of existing tools with state of art to be included in the proceedings. The participants are requested to send the abstracts of their papers as per the format mentioned below. They are also requested to send their soft copy to email: [icon.crrao.stoss@gmail.com](mailto:icon.crrao.stoss@gmail.com) before the schedule date.

### **Abstract Format (Please observe the following instructions while preparing the abstract)**

- Text Format** : Microsoft Word format
- Title** : Limited to 200 characters in length. Use initial caps in the title; do not use all caps
- Author(s)** : Type all authors' names with initial caps. Include affiliations for all authors using tags if necessary.
- Address** : Contact/ Presenting authors' names and mailing address and e-mail addresses.
- Keywords & Phrases** : Maximum 5 key words or Phrases.
- Abstract Body** : Limited to 200 words

### **Important Dates**

<b>Description of Event</b>	<b>Last Date</b>
<i>Submission of abstract</i>	: <b>01/11/2020</b>
<i>Acceptance communication of abstract</i>	: <b>10/11/2020</b>
<i>Payment of Registration fees</i>	: <b>20/11/2020</b>
<i>Submission of full length paper</i>	: <b>31/12/2020</b>

### **Registration Fees and Payment Details**

The registered participants are required to make the online payment of the registration fees through NEFT in favour of the conference secretariat payable in Indian Bank with the details below

<i>Name of the Beneficiary</i>	: <b>IVC-CRR-STSS 2020</b>
<i>Account No</i>	: <b>6921684048</b>
<i>Type of Account</i>	: <b>Savings Bank</b>
<i>Name of the Bank</i>	: <b>Indian Bank</b>
<i>Branch Name</i>	: <b>Pondicherry University</b>
<i>IFSC</i>	: <b>IDIB000P152</b>
<i>Contact number</i>	: <b>9629862241</b>
<i>Address</i>	: <b>Finance Officer, Pondicherry University</b>

<b>Participant's Category</b>	<b>Registration Fee (INR)</b>
<i>Teachers/Scientists</i>	: 500
<i>Research Scholars/Students</i>	: 300
<i>Industry/ Consulting Agency / Foreign Delegates</i>	: 1000

### **Application form and the Registration Link**

Interested research scholars/faculty members are requested to use the google form link given here under for registration. Further, invited speakers are also requested to use the same form for registration.

<https://forms.gle/eqcyW6X8jWwUZv9m6>



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*Vice-Chancellor*  
*Pondicherry University*



**Patron**  
**Prof. S. Balakrishnan**  
*Director (SEI&RR)*  
*Pondicherry University*

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*Professor & Dean, Ramanujan School of Mathematical Sciences*  
*Pondicherry University, Puducherry, India*

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**Dr. P. Dhanavanthan**

*Professor & Head*  
*Department of Statistics*  
*Pondicherry University*  
*Puducherry, India*

**Convener (Mrs. A.V.N. College)**

**Capt. Dr. Prof. N. Rama Krishna**

*Dept. of Mathematics & Statistics*  
*Mrs. A.V.N. College, Visakhapatnam*  
*Andhra Pradesh, India*

**Organizing Secretary**

**Dr. Kiruthika**

*Associate Professor*  
*Department of Statistics*  
*Pondicherry University*  
*Puducherry*

**Co-Organizing Secretaries**

*(Thematic Conference Lectures)*

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*Assistant Professor*  
*Dept. of Statistics Pondicherry*  
*University Puducherry*

*(Plenary, Key Note & Invited Talks)*

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*Assistant Professor*  
*Dept. of Statistics Pondicherry*  
*University Puducherry*

*(Poster Presentations)*

**Dr. Sudesh Pundir**

*Assistant Professor*  
*Dept. of Statistics Pondicherry*  
*University Puducherry*

*(Technical Sessions & Oral Presentations)*

**Dr. R. Vishnu Vardhan**

*Assistant Professor*  
*Dept. of Statistics Pondicherry*  
*University Puducherry*

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