



**International Conference on  
STATISTICS AND DATA SCIENCE:  
Theory and Practice for Progress and Prosperity  
(ICSDS-2021)**

**March 11 - 13, 2022**

**(Virtual Mode)**

**In conjunction with  
41<sup>st</sup> Annual Convention of  
Indian Society for Probability and Statistics  
(ISPS)**

**Jointly Organized by**

**Department of Statistics  
University College of Science  
Osmania University, Hyderabad  
Telangana, India-500 007.**

**&**

**Indian Society for Probability and  
Statistics (ISPS)**

**Pre-convention workshop on  
“Innovations on Data & Statistical  
Sciences” on 10<sup>th</sup> March, 2022  
(for ISPS life members only)**

**CO-SPONSORS**

**Science & Engineering Research Board  
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**ABOUT THE UNIVERSITY**

Osmania University was established in 1918, located in Deccan Plateau, the City of Pearls, Hyderabad. It is the seventh oldest University in India and third oldest in South India and celebrated its centenary in 2018. It is imparting quality education and high intensity research in scientific fields. It is a great privilege and a matter of pride that the university was awarded ‘A+’ grade by NAAC, category-I autonomy status by UGC, New Delhi and also recognized as University with Potential for Excellence (UPE) by UGC. The university is also recognized for RUSA 2.0 grant out of which efforts are being made to strengthen infrastructure and laboratory facilities

**ABOUT THE DEPARTMENT**

In Osmania University Post Graduate course in Statistics was introduced in 1959 as part of the Department of Mathematics and established Department of Statistics on December 8, 1966 separately. The Department of Statistics celebrated its Golden Jubilee in 2016. It is offering M.Sc. Statistics and Applied Statistics courses and Ph.D. program in Statistics. The Department was identified by DST–FIST–I during 2005-2010; DRS-SAP-I during 2011-2016 and subsequently identified under DRS-SAP-II from 2018-2023. The Department is sanctioned 20 Lakhs under RUSA scheme in 2019-20. The Department has produced around 80 Ph.D.’s and 70 M.Phil.’s in Statistics. The Department Seminar library has around 5,000 reference books on statistics with a Reference hall which is open for Staff and students. The Department is procured with statistical packages SPSS, MATLAB, Neuro Solutions and STATISTICA. Department is equipped with two Computer Labs with 80 PC’s. Alumni of the Department have introduced 3 Gold Medals for toppers of M.Sc. Statistics, M.Sc. Applied Statistics and B.A. /B.Sc. Statistics at U.G.

level in the year 2010. World renowned Statistician Padmavibhushan Prof. C. Radha Krishna Rao instituted a Gold Medal for topper of M.Sc. Statistics and Applied Statistics in the name “C.R. Rao Gold Medal” in the year 2017. Alumni of the Department, Prof. P. Laxmi Manga also instituted a Cash Award for topper in first two semesters of M.Sc. Statistics and Applied Statistics students separately in memory of her parents in 2014.

**THEME OF THE CONFERENCE**

The conference aims to bring researchers, academicians, and corporate people in statistical theory to a common platform. Exchange of innovations and ideas through novel ways, inspiring the young minds to galvanize the research arena and expanding the scientific horizons of statistical thinking are the important objectives of the conference. The organizers are also planning to have invited sessions with reputed Statisticians. The target of hosting the conference is to make the meet a rendezvous of statistical researchers to explore their remarkable contributions and journey through new vistas of the “Statistics and Data Science: Theory and Practice for Progress and Prosperity”. This is expected to excel in the creativity of the delegates and spur them to contribute remarkable and productive research outputs. There have been significant developments in the field of Statistics; these developments are now being applied to various fields.

**CONVENTION EVENTS**

- Keynote Address
- Invited Lectures
- Endowment Lectures
- Best research paper award
- Young Researcher Award
- Distinguished Statistician award
- Student Project Competition
- Plenary Sessions
- Memorial Lecture
- Contributory Sessions
- Best Ph.D. thesis award
- Fellow of ISPS Award

**CALL FOR PAPERS**

The organizers are inviting original and unpublished research papers from students / research scholars, academicians and industry experts to present their work in the specialized areas of Statistics and Data Science. Major areas of Conference topics be related to: Probability Theory, Distribution Theory, Statistical Inference, Stochastic Process, Time Series Analysis, Operations Research, Multivariate Analysis, Applied Regression Models, Design of Experiments, Sampling Theory, Statistical Quality Control, Reliability Theory, Demography, Actuarial Statistics, Data Science, Mathematical Modelling, Econometrics, Agricultural Statistics, Biostatistics. The abstract of contributed papers should be focused on the items such as objective of the study, methodology, research findings, significance, and scope of the study in the prescribed format. The interested delegates are requested to submit / upload the soft copy of abstract on or before the **last date 15.02.2022 through registration link**. There will be a review on the abstracts by experts and the selection of the paper is based on the recommendations of the experts committee. Acceptance of abstract will be communicated on or before **20.02.2022**. Payment of Registration fee is on or before **28.02.2022**. For more details visit ISPS website: [www.icsds2020.com](http://www.icsds2020.com) and [www.isps.org.in](http://www.isps.org.in).

**Online Registration Form Link:**  
<https://forms.gle/Rz84dWdvbkJG3xZx8>

The selected participants are advised to pay the **required registration fee Rs. 500/-** in online transfer.

**Bank Details:**

Name of Account (in favour of): ICSDS 2020  
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### SOME PLENARY / INVITED SPEAKERS

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Prof. Arup Bose, ISI Kolkata

Prof. Debasis Kundu, IIT Kanpur

Prof. Isha Dewan, ISI Delhi

Prof. Ashis sen Gupta, ISI Kolkata

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