Dr. S.A. JYOTHI RANI

DEPARTMENT OF STATISTICS

OSMANIA UNIVERSITY, HYDERABAD- 500 007

_____

PERSONAL:

Email Id: jyothi.rani@osmania.ac.in, drjrs.stats@gmail.com

Mobile: +91- 9866844679

EDUCATION:

Ph.D. STATISTICS, 2009, Osmania University.

M Sc (Statistics) First Division with Distinction (First Rank), 1998, Osmania University

EXPERIENCE: **TEACHING/RESEARCH:**

Twenty (20) Years of TEACHING / Thirteen (13) Years of RESEARCH EXPERIENCE

Department of Statistics, Osmania University, Hyderabad-500 007, India.

1) (June 2022 to till Date) Presently working as **Professor** of Statistics at Department of Statistics, UCS, Osmania University.

2) (February 2017 to June 2022) Worked as **Associate Professor** of Statistics at Department of Statistics, UCS, Osmania University.

3) (August 2004- to February 2017) Worked as **Assistant Professor** of Statistics at Department of Statistics, OU

4) (November 1998 to August 2004) Worked as **Lecturer in Statistics,** Keshav Memorial Degree and PG College, Hyderabad.

TEACHING -

- Offering instruction in Time Series Analysis, Neural Networks, Sampling techniques, Linear Models and Linear Algebra etc., to Statistics and Applied Statistics of Post-Graduation Courses.

- Offered instruction to M.Sc (Environmental Sciences) - Biostatistics, M.Sc (Computer Science) – Quantitative Methods, Datawarehousing and Data Mining and Neural Networks , P.G. Diploma in Management Information Science and Computer Applications – Statistics and Applications, P.G. Diploma in Mathematics (Distance Mode).

SPECIAL ABILITIES: Proficiency in FORTRAN 77, FORTRAN 99, C++Programming, Java Programming, Python Programming, R-Programming, SAS, SPSS, EViews, STATA and Neurosolutions.

RESEARCH AREAS OF INTEREST:

Time Series, Econometrics, Regression Analysis, Machine Learning/Deep Learning, Text Analysis and Data Science Applications.

RESEARCH : Supervising One Ph.D. candidate in the field of Time Series Forecasting, Deep Learning and Data Science Applications in Statistics. Two Students are submitted their Thesis Dissertation (in Machine Learning and Text Analysis areas) and awaited for conducting of Viva-voce.

Ph.D. Dissertations Awarded -

- **Neural Network Approach for Forecasting various Agricultural crops in India** (2022) – Dr. N. Chandan Babu. Awarded – Osmania University.

- **Some Problems in Forecasting Foreign Exchange Rates Through Linear and Non-linear Time Series** (2023) – Dr. Jhansi Rani Boina. Awarded – Osmania University.

- **Forecasting Macroeconomic Aggregates – A Statistical Neural Networks Approach** (2023) – Dr. Laxmi Prasanna P. Awarded – Osmania University.

PUBLICATIONS:

- Published around 20 papers in various National and International peer reviewed journals under UGC-CARE, Scopus and Web of Science.

- Published one Book entitled STATISTICS (Statistical Inference) BA/B.Sc IV Semester (ISBN – 9789393 401199)

CONFERENCES/WORKSHOPS/SYMPOSIA/SEMINAR

Presented papers, chaired sessions, Delivered talks, organized and Participated in various National and International conferences, workshops, Symposia and Seminars.

ACADEMIC ADMINISTRATION

Served as Chairperson Board of Studies in Statistics during 2021 - 2023.

Served as Head of the Department during 2014-2016.

Served as Placement Cell Coordinator.

Served as member of Quality Monitoring Cell (IQAC).