

K. Satish, Ph.D.

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Areas of Research Interest:

- Nonparametric techniques, Data Analytics with statistical techniques, Kernel estimation.

Education:

- Ph.D. from Indira Gandhi National Open University (IGNOU), New Delhi, August 2019.
- M.Sc. Statistics from Acharya Nagarjuna University in March 1999, Guntur, A.P.
- B.A. Statistics from Hindu College in March 1997, Guntur, A.P.
- B. Ed. Mathematics from Acharya Nagarjuna University in March 1994, Guntur, A.P.

Professional Recognition:

- AP-SET (State Lecture Eligibility Test) qualified in Mathematical Sciences, June 2018.

Employment Record:

- Head, Department of Statistics in YSR Vivekananda Government Degree College, Vempalli from 24th July 2021 recruited by Commissioner of Collegiate Education, A.P. through the Andhra Pradesh Public Service Commission.
- Professor: Synergy School of Business from July, 2019 onwards :: Department of Statistics.
- Associate Professor: Master Minds CA Institute from April, 2013 to June 2019 :: Department of Statistics.
- Associate Professor: Aurora Degree and PG College from July, 2006 to March, 2013 and Visiting Professor from January, 2018 onwards :: Department of Statistics.
- Assistant Professor: Career Degree College from July, 2002 to June, 2006 :: Department of Statistics.

Journal Publications (International and National) (Approved by UGC):

- **Konda Satish**(2021): On smoothed MWSD estimation of mixing proportion, **Pakistan Journal of Statistics and Operations Research, Vol. 17, No. 4, 971 - 982.**
- **Konda Satish** (2020): On smoothed nonparametric MWSD estimation of mixing proportions, **Journal of the Indian Society for Probability and Statistics, Springer, Vol.21, No.2, 349–386.**
- **Konda Satish**(2019): On the smoothed parametric estimation of mixing proportion under fixed design regression model, **Statistics in Transition new Series, Vol. 20, No.1, 87-102.**
- **Konda Satish**(2018): On the Smoothed Nonparametric Estimation of Mixing Proportion Based on Poststratified Sample, **Int. J. Agricult. Stat. Sci., Vol. 14, No. 2, 803-816.**
- **Konda Satish**(2018): On the smoothed nonparametric estimation of mixing proportion under fixed design regression model, **Aligarh Journal of Statistics, Vol. 38, 103-126.**

Courses Taught:

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| • Business Analytics | Quantitative Techniques |
| • Parametric Inference | Design of Experiments |
| • Theory of Distributions | Time Series Analysis |
| • Correlation and Regression | Index Numbers |
| • Inferential Statistics | Operations Research |
| • Nonparametric Inference | Sampling Theory |
| • Statistical Quality Control | |

Administrative Experience:

- Special Invitee by Yogi Vemana University to prepare Skill Enhancement Courses in Statistics, 2022.
- Member of Board of Studies, GDC(M), Kadapa, 2022.
- Placement Facilitator in Aurora's Degree and PG College from June, 2012 to March, 2013.
- Chief Superintendent of IGNOU Exams in Aurora Degree and PG College in June, 2008.
- Convener of departmental events in Aurora Degree and PG College.
- Head, Department of Statistics in Career Degree College from July, 2002 to June 2006.

Invited talks:

- Applications of Reliability Theory, Vijetha Degree College, September 2011, Hyderabad.

Participations/Presentations

- Presented a paper entitled “On smoothed MSD estimation of mixing proportion” in International Conference on mathematical modelling, applied analysis and computation organized by JECRC University, Rajasthan, India on July 6-8, 2018.
- Presented a paper entitled “On the Estimation of mixing proportions based on non-iid sequences” in International Conference on “Statistics, Probability, Operations Research, Computer Sciences and Allied areas” organized by Andhra University at Visakhapatnam on 4-8 January, 2010.
- Presented a paper entitled “On the Nonparametric estimation of finite mixtures under Non-i.i.d. sequences” in National Conference on “Computational Mathematics & Operations Research” organized by BK Birla Institute of Engineering & Technology at Pilani on 28-29 November, 2009.
- Participated in the International Instructional Workshop / Conference on Applied Multivariate Data Analysis with Applications to Life, Social and Environmental Sciences on Jan, 2008 conducted by Osmania University, Hyderabad.
- Participated in the Workshop on SPSS on September, 2012 organized by SPSS Corporation in collaboration with Decision Tree, Aurora Business School, Hyderabad.
- Participated in the International Statistics Day on 20th October, 2010 conducted by CRRAO All India Institute for Mathematics, Statistics, Computer Sciences (AIIMSCS), University of Hyderabad, Hyderabad.
- Organized Faculty Orientation Programme in twin cities for Faculty in Statistics at Aurora’s Business School on 11th November, 2009.