

N. V. KRISHNA CHAITANYA YERROJU

Assistant Professor of Statistics | Presidency University

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ACADEMIC PROFILE

Assistant Professor of Statistics at Presidency University since 2012, with research interests in Statistics in Finance, Spatio-Temporal Data Analysis, Operations Research, and Graph Theory. Teaching experience spans core and advanced courses in statistics and mathematics, including Probability, Stochastic Processes, Time Series, Parametric Inference, Regression, Mathematical Analysis, Graph Theory, Sequential Analysis, and Asymptotic Theory.

ACADEMIC APPOINTMENTS

2012-Present	Assistant Professor of Statistics Presidency University, Kolkata
2009-2012	Research Scholar University of Hyderabad
2012	Teaching Assistant University of Hyderabad
2009	Teaching Assistant University of Hyderabad

EDUCATION

2009	Master's in Statistics (Operations Research) University of Hyderabad, India
2007	B.Sc. in Mathematics, Statistics, and Physics Andhra Loyola College, India

RESEARCH INTERESTS

Statistics in Finance • Spatio-Temporal Data Analysis • Operations Research • Graph Theory

RESEARCH PUBLICATION

2015	Deemat Mathew and Krishna Chaitanya. "Proportional reversed hazards model for discrete data." Proceedings of the 60th ISI World Statistics Congress, 26-31 July 2015, Rio de Janeiro, Brazil, pp. 1003-1008. International Statistical Institute, The Hague, The Netherlands, December 2015.
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COURSES TAUGHT SINCE 2012

- Linear Models - Nonparametric Testing - Statistics in Finance - Parametric Inference - Demography - Sequential Analysis	- Real Analysis - Stochastic Processes - Time Series - Statistical Quality Control - Graph Theory - Asymptotic Theory	- Advanced Mathematical Analysis - Operations Research - Probability - Regression - Index Numbers
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CONFERENCES & PROFESSIONAL DEVELOPMENT

- Refresher Course on “Development in Mathematics and its Applicability,” organised by the Department of Mathematics and UGC-HRDC, Jadavpur University, 2023.
- 14th Faculty Induction Programme, organised by UGC-HRDC, Jadavpur University, 2023.
- SERC School on “Multivariable and Matrix Variable Calculus and Applications,” CMS PALA, 2011.
- Conference on “Mathematics Education - Trends and Challenges,” organised by the Department of Mathematics and Statistics, University of Hyderabad, 2011.
- International Congress of Mathematicians, 2010.
- International Congress of Women Mathematicians, 2010.
- National-level Workshop on Financial Econometrics, organised by the Department of Economics, University of Hyderabad, 2010.
- International Conference on Frontiers of Interface between Statistics and Sciences, organised by C. R. Rao AIMSCS, 2009-10.

HONOURS, AWARDS & LEADERSHIP

2011	CSIR-UGC NET.
2010-11	Captained the University of Hyderabad Chess Team at the South-West Zone Inter-University Tournament, Satyabhama University, Chennai.
2006-07	Organised seminars and talks for the Andhra Loyola Mathematics and Statistics Association (ALMASA) during 2006-2007.
2006-07	Organised the annual sports, games, and athletic events at Andhra Loyola College during the 2006-2007 academic year.
2006-07	Served as Student Chairman of the Andhra Loyola Mathematics and Statistics Association (ALMASA) when it received the Best Association Award.
2006-07	Presented a paper titled “Applications of Differential Equations” at a national-level seminar organised by Andhra Loyola College.
2006-07	Captained the winning team at the State-level Mathematics Quiz organised by Andhra Loyola College, Krishna District, Andhra Pradesh.
2006-07	Captained the winning team at an Intra-University Mathematics Quiz organised by Kakani Venkata Ratnam College, Nandigama, Krishna District, Andhra Pradesh.
2006-07	Captained the runners-up team at an Intra-University Mathematics Quiz organised by JMJ College, Tenali, Guntur District, Andhra Pradesh.
2005-06	Member of the winning team at an Intra-University Mathematics Quiz organised by Andhra Loyola College, Vijayawada, Krishna District, Andhra Pradesh.