

Amrutha Seshagiri

PhD Scholar (3rd year), Decision Sciences Area, IIM Bangalore, India
amrutha.seshagiri23@iimb.ac.in

Research Interests

Regression analysis techniques, Bayesian analysis, Applied econometrics

Ongoing Research

- Does economic strength or political and civil freedom improve international tourism? - An econometric analysis

This study analyzes how countries' economic strength and freedom conditions influence inbound tourism worldwide. It also examines the interaction between these factors, particularly focusing on their elasticity of substitution, and evaluates how these effects vary across different countries.

- Modeling Purpose-Driven Tourism to India: A Bayesian Approach with Cross-Category Dependence

This study examines inbound tourism to India from 62 countries, using a Bayesian model with error covariance to analyze how tourists' relative economic strength and freedom influence arrivals across different travel purposes while accounting for interdependencies among the purpose categories.

Education

- Indian Institute of Management Bangalore *Bangalore, India*
May 2028 (Expected)
Doctoral Candidate in Decision Sciences Area
- Indian Institute of Management Tiruchirappalli *Tiruchirappalli, India*
March, 2014
Post Graduate Diploma in Management
(Operations Management and Management of Information Systems)
- MSEC, Anna University *Chennai, India*
May, 2011
Bachelor of Engineering, Computer Science Engineering

Teaching Experience

- Quantitative Techniques, PGP (Preparatory Course), IIMB (June, 2026) *June '26*
Instructor
 - Conducted sessions to teach basics of statistics and probability to incoming PGP students
- Introduction to Machine Learning, PGPBA, IIMB (Term 3, 2025–26) *Dec '25 - Mar '26*
Teaching Assistant
 - Conducted 4 tutorial sessions to revise theoretical concepts with extensive problem-solving
 - Graded assignments and examinations for the course
- Decision Sciences II, PGP, IIMB (Term 2, 2025–26) *Sep '25 - Nov '25*
Teaching Assistant
 - Evaluated and graded assignments
- Quantitative Methods I, IIMT (Term 1, 2013–14) *June '13 - Aug '13*
Student Tutor
 - Conducted tutorial sessions for first-year PGP students
 - Explained core quantitative concepts and solved practice problems

Work Experience

- Murugappa Group - CIFCL *Chennai, India*
July '19 – Jan '20
Manager – Risk Analytics
 - Analysed risk profiles of businesses and presented them with their performance on various risk metrics periodically

Work Experience

- **Murugappa Group - CIFCL** *Chennai, India*
May '14 – Jun '16
Deputy Manager – Project Management Office
 - *Worked on internal consulting projects and delivered customized data based solutions to business teams*
- **Deloitte AERS India Private Limited** *Hyderabad, India*
Jan '12 – Jun '12
ERS Consultant
 - *Worked as a SAP security consultant providing security support as well as proactive and reactive maintenance of security in clients' SAP systems.*
- **Deloitte Consulting India Private Limited** *Hyderabad, India*
Jul '11 – Dec '11
AMS Associate Level 3
 - *Worked with JDE development and was involved in implementation of ERP systems*
- **Knowledgefaber Consulting** *Bengaluru, India*
Apr '13 – May '13
Summer Intern
 - *Conducted Market Research to identify latest trends in IT and Telecom industries*
 - *Evaluated the Market Attractiveness in CIS region for the Diesel Fuel Injection Equipment (DFIE) market in off-highway segment with major focus on Customer Landscape, Competition Landscape, and Key strategic implications for a global automotives manufacturer.*

Awards & Achievements

- **2nd on Director's Merit List**
IIM Tiruchirappalli

Positions of Responsibility

- **Member – DS Area brown bag organizing team** for the academic year 2025-26 at IIMB
- **Student tutor** for first year PGP students at IIM Trichy to assist the professor in the course Quantitative Methods-I.
- **Member - Infrastructure Committee** in IIM Trichy

Graduate Coursework

Probability Theory, Mathematical Methods for Management Research, Statistical Inference, Multivariate Statistics, Advanced Statistical Methods and Computing, Econometrics, Linear and Integer Programming, Non-linear Programming, Computational Optimization, Stochastic Models, Non-parametric Statistics

Computer Skills

R, Python, Java, SQL

References

Prof. Soudeep Deb

Associate Professor
Decision Sciences Area
Indian Institute of Management Bangalore
Email: soudeep@iimb.ac.in