

## Education

- 2008–2014 **PhD in Operations Management**,  
*NYU Stern School of Business*, New York, NY.
- 2008–2012 **MPhil in Operations Management**,  
*NYU Stern School of Business*, New York, NY.
- 2005–2008 **BSc (Hons) Mathematics and Comp. Sci.**,  
*Chennai Mathematical Institute*, Chennai, India.

## Academic Positions

- Fall 2018–Now **Machine Learning Consultant, Cradlewise**, Start-up in Bangalore, India.
- Fall 2014–2018 **Assistant Professor, Information Management and Business Analytics Department**,  
*Montclair State University*, Montclair, NJ.

## Teaching Experience

### NYU-Stern.

#### *Courses taught/Teaching fellow*

- Revenue Management (Masters of Science in Business Analytics)
- Decision Models (MBA)
- Operations Management (Executive MBA)
- Competitive advantage from Operations (Undergraduates)

### School of Business, Montclair State University.

#### *Courses taught*

- Management Science in Business (MBA)
- Operations and Supply-Chain Management (MBA)
- Applied Business Statistics (MBA)
- Multiple Regression (MBA)
- Operations Management (Undergraduate)
- Decision and Risk Analysis (Undergraduate)
- Introduction to Business Statistics (Undergraduate)
- Spreadsheet Modeling (Undergraduate)

## Research Methodologies

Stochastic modeling, Dynamic programming and optimal control, Machine Learning, Data mining, Submodular optimization, Linear programming, Applied Probability, Convex optimization, Functional analysis

## Publications

### **Optimizing Product Launches in the Presence of Strategic Consumers.**

Authors: I. Lobel, J. Patel, G. Vulcano, J. Zhang

Published in *Management Science* (2015), 62(6), 1778-1799

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## Working Papers

### **Effort Driven Innovation under Competition.**

Authors: R. Caldentey, J. Patel

Working paper

### **Bringing Food to Seniors in Need: An Efficiency Perspective.**

Authors: J. Patel, A. Parikh

Working paper

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## Selected Conference Presentations

- INFORMS annual conference (Phoenix, AZ; and Minneapolis, MN)
- MSOM conference at INSEAD, France
- TADC conference acceptance (organized by London Business School, a select few PhD students get accepted from the world)
- Seminar talk at the Indian Institute of Technology (Mumbai)
- Revenue Management and Pricing conference at Istanbul, Turkey; and Atlanta, Georgia

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## Honors

NYU-Stern doctoral fellowship

Chennai Mathematical Institute undergraduate fellowship

State topper for the Indian National Mathematical Olympiad

Several prizes in various states and national level mathematics competitions

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## Workshops

Winter 2007 **Institute of Financial Management and Research (IFMR)**, Chennai,  
*Winter Conference.*

Summer 2006 **Tata Institute of Fundamental Research (TIFR)**, Mumbai,  
*Workshop on random graphs.*

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## Programming Skills

Python, CPLEX, R, Matlab, C++, Haskell

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## Coursera Certifications

People Analytics, Wharton

Operations Analytics, Wharton

Customer Analytics, Wharton

Python, U. Michigan

R programming, Johns Hopkins

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## Languages

Fluent **English, Hindi, Gujarati**

Basic **Sanskrit**

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## Personal Interests

Volleyball, Painting, Calligraphy