

# Himani Ananthula

Kellogg School of Management, 2211 Campus Dr. Evanston, IL 602008

[Email](#) | [Website](#) | Phone: +1 (773) 313-5074

## Education

---

**Kellogg School of Management, Evanston**

2020 - Present

Ph.D, Operations Management, Northwestern University

Advisors: Prof. Achal Bassamboo, Prof. Milind Sohoni

**Indian Institute of Technology, Bombay**

2012 - 2016

B.Tech in Mechanical Engineering, Minor in Electrical Engineering

## Research Interests

---

Research Areas: Gig Economy, Online Marketplace, Service Operations, Sustainable Operations.

Methodologies: Stochastic Modeling, Econometric Analysis, Causal Inference, Large-Scale Optimisation, Data-driven Modeling, Machine learning.

## Research Papers

---

“Adapting to gig economy dynamics: network and staffing strategies for long-haul trucking platforms” - with Milind Sohoni and Achal Bassamboo. *preparing to submit to Management Science*.

- Upcoming talks: INFORMS Annual Meeting, Monday, October 21 2024 | 4:00 PM - 5:15 PM | Room: Summit - 445 . DSI Annual Conference, November 23 2024| 10:00 to 11:30 am| Level 2, Desert Suite 5, Level 2, JW Marriott Desert Ridge Resort.
- INFORMS Annual Meeting, October 2023 Phoenix, AZ
- POMS Annual Conference, May 2023, Orlando, FL

“A modified benders algorithm for relay network design resilient to supply shocks” with Milind Sohoni and Achal Bassamboo. (Draft under preparation)

- INFORMS Annual Meeting, October 2022, Indianapolis, IN

“The cost of work-life balance: Earnings Trade-offs for Long-Haul Truckers” (Work in progress)

## Work Experience

---

**Indian School of Business, Hyderabad**

Apr 2018 - July 2020

Research Associate, Operations Management

Prof. Milind Sohoni, Prof. Sumit Kunnumkal

Pre-doctoral research work in the areas of volunteer attrition in nonprofits (empirical), network design (integer programming), and strategic capacity investments (game-theoretic model).

**Olacabs, Bangalore** (*India's biggest ride hailing service provider*)

July 2016 - Feb 2018

Business Analyst and Associate Program Manager

Conceptualized and implemented various features for the allocation engine and driver app, optimizing the product mix for OLA's leasing segment and shaping supply-side login behavior.

**Market Research Analyst**

Dec 2014

Internship at Healthgrid

**Coordinator, Lecture series at Techfest**

Sep-Dec 2013

Asia's largest science and technology festival

## Teaching Experience

---

- TA for MBA course, OPNS-441, Applied Advanced Analytics. Spring 2024  
*Instructor: Robert Bray.*
- TA for MBA course, OPNS 451, Data Analytics with Large Language Models. Winter 2024  
*Instructor: Robert Bray.*
- TA for MBA courses, OPNS-430, Operations Management Operations Management 2021-2023  
*Instructors: Achal Bassamboo, Anton Braverman, Itai Gurvich, Martin Lariviere, Sebastien Martin.*  
**Evaluations: Mean- 5.2/6, Median - 5.4/6**  
*One-on-one student tutor for core MBA course, OPNS-430, Operations Management.*
- TA for MBA course, OPNS-455, Supply Chain Management. Summer 2023/ Spring 2024  
*Instructors: Hyoduk Shin, Achal Bassamboo.*  
**Evaluations: Mean- 5.18/6, Median - 5.4/6**
- TA for Executive/MBA course, OPNSX-454 and OPNS-454, Strategic Decisions in Operations. 2023-2024  
*Instructors: Sunil Chopra, Achal Bassamboo, Benjamin Grant.*
- TA for MBA course, OPNS-450, Decision Models & Prescriptive Analytics Winter 2023  
*Instructor: Tarek Abdallah*

## Awards

---

Winner at the 2023 *Healthcare Management Conference* data competition hosted by UIUC (\$5,000 cash prize).

Ph.D Fellowship - Kellogg School of Management, 2020-25.

Nominated for *Eugene McDermott Graduate Fellowship* - The University of Texas at Dallas, 2020.

*OLA Super Achiever Award* for leasing and pricing initiatives - Olacabs, 2017.

*Impact Award* for growth projects - Olacabs, 2017.

*Impact Award* for growth projects - Olacabs, 2017.

*Merit Scholarship* - IIT Bombay, 2012 to 2016.

*Special Mention*, Ramanujan Mathematics Olympiad, 2008 & 2009.

## Relevant Skills

---

R, Python, Gurobi, MATLAB, Mathematica, SQL, Hive, Tableau, QGIS

## References

---

### **Achal Bassamboo**

Professor of Operations

Kellogg School of Management

Northwestern University

Email: a-bassamboo@kellogg.northwestern.edu

### **Milind Sohoni**

Professor, Operations Management and Strategy

School of Management

University at Buffalo

Email: milindso@buffalo.edu