Harish Guda | Curriculum Vitae

W.P. Carey School of Business, Arizona State University
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Education

○ **The University of Texas at Dallas** ⬥ **Richardson, TX**
Ph.D. in Management Science ⬥ *August 2013 – Current*

○ **Indian Institute of Technology, Madras** ⬥ **Chennai, India**
Bachelor of Technology, Mechanical Engineering ⬥ *August 2009 – June 2013*

Research Interests

o **Applications**: Two Sided Markets and Marketplace Design, Retail Operations, Pricing and Revenue Management.

o **Methodologies**: Game Theory and Information Economics, Optimization, Dynamic Programming.

Research Papers

Publications

o Guda, H. and Subramanian, U., 2018. Your Uber Is Arriving: Managing On-Demand Workers through Surge Pricing, Forecast Communication and Worker Incentives. **Management Science**.
  – Second Prize, POMS College of SCM Student Paper Competition. 2018.

o Guda, H., Dawande, M., Janakiraman, G. and Jung, K.S., 2016. Optimal Policy for a Stochastic Scheduling Problem with Applications to Surgical Scheduling. **Production and Operations Management,** 25(7), pp. 1194–1202.

Working Papers

o Guda, H., Rajapakshe, T., Dawande, M. and Janakiraman, G., 2018. An Economic Analysis of Agricultural Support Prices in Developing Economies. Invited for Third Round of Review at **Production and Operations Management**.
  – Finalist, POMS College of SCM Student Paper Competition. 2019.

o Guda, H., Dawande, M. and Janakiraman, G., 2018. "Seemingly-Beneficial" Interventions.

Talks and Presentations

o Strategic Surge Pricing and Forecast Communication in On-Demand Platforms.
  – Nanyang Business School (NTU), Gies College of Business (UIUC), Carey School of Business (ASU), Ross School of Business (U Michigan), Fox School of Business (Temple), Liautaud Graduate School of Business (UIC), UCL School of Management (UCL).
  – INFORMS 2018, POMS 2018, INFORMS 2017, Texas Economic Theory Camp 2017, Platform Strategy Symposium 2017, POMS 2017.

- "Seemingly-Beneficial" Interventions.
  - POMS 2019, 2018.

- Optimal Policy for a Stochastic Scheduling Problem with Applications to Surgical Scheduling.
  - POMS 2017, 2016.

- Agricultural Support Prices in Developing Economies: Operational Analysis and Use in Policy Making.
  - POMS 2019, 2017, 2016, MSOM 2017, INFORMS 2016.

Teaching Interests

- **Operations and Supply Chain Management**: Operations Management, Demand and Revenue Management, Logistics and Distribution Management.

- **Analytics and Quantitative Methods**: Prescriptive Analytics, Operations Analytics, Business Statistics, Data Mining, Data Vizualization, R Programming.

Teaching Experience

Arizona State University
- TBA

The University of Texas at Dallas
- Introduction to Operations Management (Core UG/BA Course).   Spring 2017, Fall 2017.
  - Instructor Evaluation: 4.95/5.00 (Spring 2017), 4.84/5.00 (Fall 2017).
  - Course Evaluation: 4.91/5.00 (Spring 2017), 4.63/5.00 (Fall 2017).
  - Nominated for Outstanding Student Teacher Award (Spring 2017).

Industry Experience

Nordstrom Inc.,   **Seattle, WA**
Summer Intern, Advanced Analytics and Data Science   *June 2018 – August 2018*

Technical Skills

- **Data Analysis:** R (Extensive experience), SQL (MySQL, Teradata SQL), Tableau.

- **Programming Languages:** Python.

- **Scientific Computing:** MATLAB, OCTAVE, Mathematica.

Course Work

- **Operations and Supply Chain Management:**
  - MS/MBA: Operations Management, Retail Operations, Demand and Revenue Management, Purchasing and Sourcing Management, Logistics and Distribution Management.
  - PhD: Behavioral Operations Management, Pricing and Revenue Management.

- **Economics:** Game Theory - I and II, Microeconomics, Mechanism Design and Information Economics, Industrial Organization, Applied Econometrics.

- **Operations Research, Math and Statistics:** Optimization, Deterministic Models in OR, Probability, Stochastic Models, Optimal Control Theory, Statistical Inference - I and II, Advanced Statistical

Methods, Real Analysis, Stochastic Dynamic Programming.

o **Analytics:** Business Intelligence - I and II, Prescriptive Analytics, Operations Analytics, Data Visualization (with Tableau and R), Predictive Analytics (with R), Applied Machine Learning, Knowledge Management (PhD).

Affiliations and Academic Service

o **Professional Memberships:** The Institute for Operations Research and the Management Sciences (INFORMS), Manufacturing and Service Operations Management (MSOM) Society, Revenue Management and Pricing (RM&P) Society, Production and Operations Management (POM) Society.

o **Referee for Journals:** POMS, Omega, Service Science.

References

Milind Dawande
Ashbel Smith Professor of Operations Management,
Naveen Jindal School of Management,
University of Texas at Dallas,
Richardson, TX.
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