

PARAM PAL SINGH CHHABRA

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EDUCATION

Georgia Institute of Technology

Ph.D. in Operations Management (GPA: 3.9/4.0)

Atlanta, GA
August 2016- July 2021(Expected)

- Advisors: Dr. Manpreet Hora & Dr. Karthik Ramachandran
- Summer Internship at R&D Digitalization Group, Siemens, Orlando

2018

Indian Institute of Science

Master of Engineering, Aerospace Engineering (with Distinction)

Bangalore, India
June 2007

National Institute of Technology Jalandhar

Bachelor of Technology, Mechanical Engineering (with Distinction)

Jalandhar, India
May 2001

RESEARCH INTERESTS

- Empirical Operations Management
- New Product Development
- Crowdfunding
- Innovation and Entrepreneurship
- Operations of Online Platforms
- Supply Chain Management

RESEARCH

1. **Chhabra PPS**, Hora MS, Ramachandran K (2020) Designing Reward Structure for Crowdfunding Campaigns. *Status*: Submitted to *Management Science*
2. **Chhabra PPS**. Impact of Platform Evaluation Mechanism on Crowdfunding Campaigns. *Status*: Work-in-Progress Project.
3. **Chhabra PPS**, Hora MS, Ramachandran K (2020) Patent Grant Delays and Future Innovative Activities. *Status*: Working Paper.
 - Finalist, 2019 Chan Hahn Best Paper Award, OSCM Division, AOM

MISCELLANEOUS PUBLICATIONS

4. **Chhabra PPS**, Ganguli R (2010) Superconvergent Finite Element for Coupled Torsional-Flexural-Axial Vibration Analysis of Rotating Blades. *International Journal for Computational Methods in Engineering Science and Mechanics*, Vol. 11 (1), pp. 48-69.
5. Gunda JB, Singh AP, **Chhabra PPS**, Ganguli R (2007) Free Vibration Analysis of Rotating Tapered Blades using Fourier-pSuperelement. *Structural Engineering and Mechanics*, Vol. 27(2), pp. 243-257.

TEACHING EXPERIENCE

Instructor, Scheller College of Business, Georgia Tech

Operations Management (Undergrad Core) (eval: 4.79/5)

Spring 2020

Graduate Teaching Assistant, Scheller College of Business, Georgia Tech

Operations Management (MBA & EMBA)

Summer 2020, Spring 2018, Fall 2017

Price Analytics & Revenue Management (MBA & Undergrad)

Spring 2019

Operations Management (Undergrad)

Spring 2018

Supply Chain Modeling (Undergrad)

Spring 2018

PROFESSIONAL EXPERIENCE

Staff Engineer/Technical Manager-Aero Engines

GE Aviation and Quest Global

Bangalore, India

February 2013-August 2016

Organized and drove FAA certification efforts for the LEAP-1B combustor case. Empowered teams of 10-40 members through mentoring on GE9X/LEAP-1B engine module analyses.

Engineering Lead/Onsite Specialist-Aero Structures

Infosys

Dallas, TX|Toulouse, France|Bangalore, India

September 2007-January 2013

Initiated and guided projects on Bombardier 7000/8000 series aircraft, generating work for 50+ resources for 5+ years. Initiated onsite project for 3+ years on A350 floor-beams and founded and advised the offshore team of 10+ resources. Established 10-15 member teams and delegated technical responsibilities on B747 and Cirrus Jet aircraft.

Scientist-Propulsion Systems

DRDO, Ministry of Defence, Govt. of India

Pune, India

July 2001-September 2007

Facilitated Design and Analysis of propulsion systems and supervised a team of 30+ members for its static testing. Developed automated mathematical modeling routines for analyses and manufacturing drawings for quick design iterations. (On leave for two years for the master's program.)

HONORS & AWARDS

Finalist, Chan Hahn Best Paper Award, OSCM Division, AOM

2019

Doctoral Student Fellowship, Georgia Tech

2016-2021

Employee of the Month Award at GE Aviation

2015

Engineering Excellence Award at Infosys

2009

Winner, Science Day Paper Presentation Competition at DRDO

2003-2005

CONFERENCE PRESENTATIONS

1. Designing Reward Structure for Crowdfunding Campaigns

- INFORMS 2020 Virtual Annual Meeting (Scheduled) November 2020
- DSI 2020 Annual Conference (Scheduled) November 2020
- INFORMS 2019 Annual Meeting, Seattle, WA October 2019
- POMS 2019 Annual Meeting, Washington, D.C. June 2019

2. Patent Grant Delays and Future Innovative Activities

- INFORMS 2019 Annual Meeting, Seattle, WA October 2019
- AOM 2019 Annual Meeting, Boston, MA August 2019
- INFORMS 2018 Annual Meeting, Phoenix, AZ November 2018

SERVICE & PROFESSIONAL ACTIVITIES

Assistant to Professor Cheryl Gaimon

June 2018-July 2020

- Provided support to Dr. Gaimon in her research activities and in her position as Department Editor, *Production and Operations Management*.

Session Chair

- POMS 2020 Annual Meeting 2020
Co-chaired a session entitled "Entrepreneurship, Innovation and Crowdfunding" with Dr. Morvarid Rahmani in PITM track (Finalized the session but the event was canceled due to COVID-19).

Editorial Support for OM e-Newsletter, Scheller College of Business, Georgia Tech
Reviewer for AOM (annual meeting), DSI (annual meeting)
Member of INFORMS, M&SOM, POMS, AOM, and DSI

2018-2020

SKILLS & PERSONAL INFORMATION

Programming/Software: Python, Stata, R, Mathematica, MATLAB, Maple, VBA

Research Methods: Econometric Methods, Causal Inference, Supervised/Unsupervised Learning, Clustering, Deep Neural Networks

Languages: English, Hindi, Punjabi

Citizenship: Indian

REFERENCES

Dr. Manpreet Hora (Co-advisor)

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Scheller College of Business, Georgia Institute of Technology
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Dr. Karthik Ramachandran (Co-advisor)

Associate Professor of Operations Management
Scheller College of Business, Georgia Institute of Technology
Phone: +1-404-894-8631
Email: karthik.ramachandran@scheller.gatech.edu

Dr. Cheryl Gaimon

Esther and Edward J. Brown Jr. Chair; Regents' Professor of Operations Management
Scheller College of Business, Georgia Institute of Technology
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