

# PARAM PAL SINGH CHHABRA

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## EDUCATION

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### 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

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- Empirical Operations Management
- New Product Development
- Crowdfunding
- Innovation and Entrepreneurship
- Operations of Online Platforms
- Interface of Operations, Finance, and Marketing

## RESEARCH

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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

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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.

## PROFESSIONAL EXPERIENCE

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### 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.)

**TEACHING EXPERIENCE**

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**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 &amp; EMBA)

*Summer 2020, Spring 2018, Fall 2017*

Price Analytics &amp; Revenue Management (MBA &amp; Undergrad)

*Spring 2019*

Operations Management (Undergrad)

*Spring 2018*

Supply Chain Modeling (Undergrad)

*Spring 2018*

Service Operations Management (MBA &amp; Undergrad)

*Fall 2017***HONORS & AWARDS**

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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**

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## 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**

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**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*2018-2020*

**Reviewer** for AOM (annual meeting), DSI (annual meeting)

**Member** of INFORMS, M&SOM, POMS, AOM, and DSI

## **SKILLS & PERSONAL INFORMATION**

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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**

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### **Dr. Manpreet Hora (Co-advisor)**

Associate Professor of Operations Management

Scheller College of Business, Georgia Institute of Technology

Phone: +1-404-385-3465

Email: manpreet.hora@scheller.gatech.edu

### **Dr. Karthik Ramachandran (Co-advisor)**

Associate Professor of Operations Management

Scheller College of Business, Georgia Institute of Technology

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### **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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