

# Abhijit Gogulapati

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## EDUCATION

**Ph.D. in Aerospace Engineering**, University of Michigan, Ann Arbor, MI, USA, **May 2011**

**M.S. in Aerospace Engineering**, Georgia Institute of Technology, Atlanta, GA, USA, **April 2004**

**B. Tech. in Aerospace Engineering**, Indian Institute of Technology, Mumbai, India, **April 2002**

## EXPERIENCE

Assistant Professor (Visiting), Indian Institute of Technology, Hyderabad	Aug 2018 – Present
Research Associate, Ohio State University	Oct 2017 – July 2018
Post-Doctoral Researcher, Ohio State University	Feb 2013 – Sept 2017
Post-Doctoral Research Fellow, University of Michigan	Sept 2011 – Jan 2013
Graduate Student Research Assistant, University of Michigan	May 2007 - May 2011
Graduate Student Instructor, University of Michigan	Jan–Apr 2007, Sept-Dec 2005
Graduate Student Research Assistant, University of Michigan	May 2005 – Dec. 2006
Graduate Research Assistant, Georgia Institute of Technology	Aug 2002 - Apr 2004

## INTERNSHIPS

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|---|----------------------|
| • National Aerospace Laboratories, Bengaluru, India | May 2001 -July 2001  |
| • Mishra Dhatu Nigam Ltd., Hyderabad, India         | May 2000 – July 2000 |

## INVITED TALKS AND WORKSHOPS

- **Invited talk:** Guest speaker at the “Classical to Computational Aeroelasticity Symposium”, Aerospace Engineering Department, Indian Institute of Science, Bengaluru, 10-12 September, 2018.
- **Invited talk:** “Impact of Boundary Conditions and Modeling Assumptions on the Coupled Response of Structural Panels in High Speed Flow,” Presented at the Probabilistic Mechanics and Reliability Conference, 24th May 2016, Nashville, TN.
- **Invited talk:** “Response of a Panel to Shock Impingement: Modeling and Comparison with Experiments,” Presented at the Aviation Forum, 16th June 2014, Atlanta, GA.
- **2-day workshop on conducted at the Boeing facility, Huntington Beach, CA, on:** “Full and reduced order modeling of coupled response of full size built-up structural panels in high speed flow”, 1-2 August 2016.

## **REVIEWER FOR JOURNALS**

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|---|---------------------|
| • American Institute of Aeronautics and Astronautics (AIAA) journal | July 2012 – Present |
| • Journal of Aircraft (JA)  | July 2013 – Present |
| • International Journal of Micro Air Vehicles (IJMAV)               | July 2013 – Present |
| • Aerospace Science and Technology (AST)                            | May 2017 – Present  |
| • Journal of American Helicopter Society (JAHS)                     | Dec 2017 – Present  |
| • Journal of Aerospace Engineering (JAE)                            | May 2018 – Present  |

## **HONORS AND AWARDS**

- Graduate assistantship, University of Michigan, 2005-2011.
- Regent's fellowship from the School of Engineering, Univ. of Michigan, Sept. 04- April 05. (Typically awarded to 2 graduate students per year).
- Graduate assistantship, Georgia Institute of Technology, 2002-2004.

## **COURSES (Teaching Experience)**

- Structural Dynamics (Graduate)
- Aeroelasticity (Graduate)
- Helicopter Aeromechanics (Graduate)
- Aircraft Design (Undergraduate)
- Aircraft Structures (Undergraduate)
- Introduction to Flight Mechanics (Undergraduate)

## **PROFESSIONAL MEMBERSHIPS**

Member, American Institute of Aeronautics and Astronautics (AIAA).