

ATUL JAIN

Assistant Professor

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1. Professional Positions

Academic Positions

June 2017-current	<u>Assistant Professor</u> , Indian Institute of Technology Kharagpur <ul style="list-style-type: none"> Department of Mechanical Engineering
July 2018 – Dec 2018	<u>Lecturer</u> , University of Edinburgh (on Extra Ordinary Leave from IIT Kharagpur) <ul style="list-style-type: none"> School of Engineering/Institute of Materials and Processes
Oct 2016- June 2017	<u>Visiting Faculty</u> , Indian Institute of Technology Kharagpur <ul style="list-style-type: none"> Department of Mechanical Engineering
June 2015- Oct 2016	<u>Post-Doctoral Research Associate</u> , University of Southern California <ul style="list-style-type: none"> Mork Family Department of Chemical Engineering and Materials Science

2. Education

June 2011- May 2015	PhD in Materials Engineering, KULeuven Belgium
July 2010- June 2011	Pre-doctoral training, Materials Engineering, KULeuven Belgium
June 2007- June 2009	Master of Technology, in Aerospace Engineering (sp. Aerostructures), Indian Institute of Technology, Kanpur
Aug 2003- May 2007	Bachelor of Engineering, in Mechanical Engineering, Indian Institute of Engineering Science and Technology, Shibpur

3. Competitive Research Funding

April 2011- May 2015	<u>Fatigue life prediction of random fiber composites using hybrid multiscale modeling methods</u> (Principal Investigator) <ul style="list-style-type: none"> Funding Agency: IWT, The Agency for Innovation by Science and Technology in Flanders, Belgium under the Baekeland Scheme
Oct 2019- Sept 2022	<u>Multiscale modelling and Microstructure characterization of 3D printed short fibre composites</u> (Principal Investigator) <ul style="list-style-type: none"> Institute scheme for innovative research and development
March 2021- April 2024	<u>Development of high-performance materials through tailoring of 3D printed microstructure</u> (Principal Investigator) <ul style="list-style-type: none"> Funding Agency: Science and Engineering Research Board

4. Awards and Honors

Oct 2019	Was awarded the <u>first prize in the DRDO Dare to Dream Innovation</u> contest 2019; received the prize from Honorable Defense Minister of India, Shri Rajnath Singh
May 2015	<u>Awarded cash prize of 1% of the Baekeland project</u> for successful and timely completion of all the goals of Baekeland fellowship by IWT Belgium

