

ARJIT SETH



Personal Information

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Blog: <https://godotmisogi.github.io/bloggy>
GitHub: <http://github.com/GodotMisogi>

Education	B.Tech. Aeronautical Engineering Manipal Institute of Technology Year 3, Semester 5, Cumulative GPA: 7.564/10	2014-present
	12th International Baccalaureate: Diploma Programme (IBDP) Symbiosis International School, Results: 37/45	2013
	10th International General Certificate of Secondary Education (IGCSE) Symbiosis International School, Percentage: 88%, Distinction Awarded	2011

Summary	<ul style="list-style-type: none">• Capable of performing accurate computational fluid analyses using ANSYS ICEM CFD and Fluent.• Capable of creating high-quality 3D CAD models in Dassault Systèmes' CATIA.• Able to develop efficient mathematical models for systems and perform complex mathematical/numerical analyses using MATLAB and Python.
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Software Expertise	Technical: ANSYS, CATIA, MATLAB, Python, XFLR5, Logger Pro, \LaTeX Graphics, Audio and Others: Logic Pro, Cubase, GNU Image Manipulation Program, Sony Vegas Pro, Photoshop, Hugo and Plot.ly
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Skill Set	Aircraft Design, Aerodynamics and Computational Analysis, Optimization and Mathematical Modelling, Problem Solving
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Areas of Interest	Aerospace Engineering - Computational Fluid Dynamics, Aircraft Design, Stability and Control, Propulsion Systems, Avionics Physics - General Relativity, Quantum Mechanics, Particle Physics
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Technical Activities	Head of Aerodynamics , AeroMIT: Aeromodelling Team	Spring 2016-present
	Aerodynamics Member , AeroMIT: Aeromodelling Team <ul style="list-style-type: none">• World Rank 5 Overall, World Rank 4 in Highest Payload Fraction and World Rank 5 in Design at SAE AeroDesign East 2016 (Micro Class) sponsored by Lockheed Martin at Fort Worth, Texas• World Rank 3 awarded with trophy for Highest Payload Lifted in the Micro Class at SAE AeroDesign East 2016	Spring 2015-2016

Website: <http://www.aeromit.in/>

Workshop Speaker , Conducted an XFLR5 Workshop	Spring 2016
<ul style="list-style-type: none">• Taught introductory aerodynamics to first-year engineering students• Demonstrated the use of XFLR5 in elementary aerodynamic analyses such as Airfoil and Wing Design• Introduced computational fluid dynamics as a tool for aerodynamics analysis using ANSYS Fluent	