

Stanford



Aditya Kothari

Masters Student in Aeronautics and Astronautics, admitted Autumn 2025

Bio

BIO

Aditya is an MS Aero/Astro student at Stanford. He works at the intersection of flight sciences and controls and has a background in vehicle systems engineering, aerodynamics, propulsions, structures and new product development. He led his university UAV team as the Captain and spearheaded the development and testing of over seven award winning UAVs including eVTOLs, eSTOLs, eCTOLs and other projects. Many of his past projects involve industry collaboration like those with GKN Aerospace, AIRBUS, Honeywell Aerospace and Forbes Marshall. He was also associated with ASME-VIT as the Chief Editor for ASME Technical Blogs and a member of the AIAA and the Rotaract NGO.

Outside of work he likes to hike and loves to play badminton and other racquet sports.

HONORS AND AWARDS

- JITO JEAP Scholar 2025, JITO (2025)
- KC Mahindra Scholar 2025, KCMET (2025)
- Narotam Sekhsaria Scholar 2025, Narotam Sekhsaria Foundation (2025)
- Student Achiever Award, VIT University (2024 & 2025)
- University Merit Scholarship Awards, VIT University (2022-2025)

EDUCATION AND CERTIFICATIONS

- MS, Stanford University , Aeronautics and Astronautics (2027)
- Bachelor's, VIT, Vellore , Mechanical Engineering (2025)

PATENTS

- Aditya Abhijeet Kothari. "India Patent 202541056455 Wear Analysis Equipment for Marine Applications", Indian Patent Office, Jun 20, 2025
- Aditya Abhijeet Kothari. "India Patent 427140-001 Electronic Spherical Steam Trap", Indian Patent Office, Oct 18, 2024

LINKS

- LinkedIn: <https://www.linkedin.com/in/aditya-kothari-0904a4237>

Professional

WORK EXPERIENCE

- Engineering Intern - The Boeing Company (May 24, 2024 - July 26, 2024)
- Propulsion Systems Intern - Aeronautical Development Agency (India MoD) (January 10, 2025 - March 15, 2025)

- Chassis Engineering Intern, Vehicle Systems Engineering - Tata Motors Ltd. (September 1, 2023 - December 15, 2023)

Publications

PUBLICATIONS

- **Grain boundary evolution and micro texture development in hot press sintered GRCop alloys** *RESULTS IN ENGINEERING*
Manikandan, R., Kothari, A., Deshpande, Y., Annamalai, A.
2025; 25