

Email : akasharu98@gmail.com

+91-9551016569

LinkedIn : <https://www.linkedin.com/in/akash-a-92b919108>

Address : C5-104 AQUALILY APARTMENTS, P33 MAHINDRA WORLD CITY, CHENGALPATTU DIST,
TAMIL NADU – 603002

- M.Tech in Aerospace Engineering
2020 - 2022

CGPA – 8/10

June 2022

SASTRA University, Tanjavur, Tamil Nadu, India

- B.Tech in Aerospace Engineering
2016 - 2020

CGPA – 7/10

May 2020

SRM Institute Of Science and Technology, Chennai, Tamil Nadu, India

RESEARCH EXPERIENCE

- Area of Interest – Aero Acoustics, Computational Fluid Dynamics, Gas dynamics, Aircraft Propulsion.
- Published a paper “Control of Mach 2 jet using sonic co-flow” in IOP Conference Series Materials Science and Engineering Sep 2020
<https://iopscience.iop.org/article/10.1088/1757-899X/912/2/022016>
- Published an article “Design and Analysis of VTOL Operated Intercity Electrical Vehicle for Urban Air Mobility” in Electronics 2022, MDPI Dec 2021
<https://doi.org/10.3390/electronics11010020>

SKILLS

Modeling and Simulation · Wind Tunnel Testing · Wind Tunnel · Soft Skills · Optimization · Constraint Analysis · Aerospace Engineering · ANSYS Products · OpenVSP · SOLIDWORKS · Research · Problem Solving · Programming · Computational Fluid Dynamics (CFD) · Communication · Python (Programming Language) · Aerospace · English · Teamwork · Mechanical Engineering · Microsoft Office · Orbital Mechanics · Microsoft Excel · Computer-Aided Design (CAD) · Aerodynamics · CAD/CAM

ACHIEVEMENTS:

Secured Third Prize in NACDeC-IV (National Aerospace Conceptual Design Competition-IV), Organized by Aeronautical Society of India (AeSI) - Design Division & Mumbai Chapter, on Topic Intercity Electrical Vertical Takeoff and Landing aircraft (ICeVTOLA), 2021