

Ajay n

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Looking to work in an organization that can provide a variety of opportunities that allow me to expand my skills and knowledge while working towards achieving the organizational goals.

EDUCATION

Nitte Meenakshi Institute Of Technology

Bachelor of Engineering (Aeronautical Engineering)-8.13 CGPA

Bangalore, India

2022

Anmol Science PU College

Class 12- 84.5%

Davanagere, India

2018

Anmol Public School

Class 10- 9.4 CGPA

Davanagere, India

2016

PROJECT EXPERIENCE

Title: Integrated design of adaptive trailing edge wing for accurate shape control and improved aerodynamic performance for low speed UAV applications.

Description: Designing of the morphing wing by performing CFD Analysis of the wings and stress analysis of the ribs. The model of the wing was created using the design software using like “solid works” and “catia”. The design of the wing was made by improving the wing coordinate from the “airfoil tool website” and fowler flap model was made to show the reason why there is the significant reduction of the lift in the when compare to the morphing wing. The design of the ribs was made to do the deflection testing for the different design to get the most deflection for the less load. The CFD analysis was made for the wing design which was created.

Result: From CFD analysis, lift for the morphing wing is significantly more compare to the flap wing, even there is increase in the L/D ratio. And from the stress analysis the model was made in TPU material with fishbone structure model.

TRAINING:

Aerospace Technical Publications in following Aviation standards, manuals and tools.

- **Basic Knowledge in the Following Aviation standards:**

ATA 100, iSpec2200, S1000D and ASD-STE 100 (Simplified Techni English)

- **Basic Knowledge in the Following Manuals:**

AMM, IPC, SRM, WDM, and CMM

- **Basic software knowledge.**

Authoring : Arbor text Editor

Illustration: Isodraw

INTERNSHIP

COMPANY: GTRE,DRDO, Ministry Of Defense, GOVT. Of India, Bangalore.

TOPIC: Introduction to Gas Turbine Engine and To Study about Blade Cooling Techniques.

DURATION: 27th September 2021 to 6th November 2021

EXTRA CURRICULAR ACTIVITIES

- Attended SSB interview to join INDIAN NAVY at Bangalore.
- Representative at State level Science Conference, Gokak, Karnataka
- Awarded with Best Student Of The Year – 2016
- Anchor at College Fest

SKILLS & INTERESTS

- **Soft Skills:** Team Work, Quick learner, Interactive and Adaptable.
- **Languages:** English (C1), Kannada, Hindi
- **Interest:** Anchoring, Cooking, Travel, Cricket and Movies.

Personal Details

Gender: Male

Date Of Birth: 27-11-2000

Nationality: Indian

Declaration

I certify that the information provided in this resume is true and accurate to the best of my knowledge.

Ajay N