

Naveen Kumar N C

Highly motivated and technically proficient enthusiast seeking to embark on an exciting career journey with a dynamic and innovativetech company. Eager to contribute my passion for technology, problem solving skills and eagerness to learn in a collaborative and growth-oriented environment.

EDUCATION

Dr. Ambedkar Institute of Technology, Bengaluru- BE(Aeronautical Engineering)

September 2020 - August 2024

CGPA:7.6

Sujala PU College, Hassan- II PUC

June 2018 - July 2020

Percentage: 76.6%

Swarna High School, Holenarasipura- SSLC

June 2017- June 2018

Percentage: 81.6%.

PROJECTS

Bird detection and collision avoidance System in Aircraft.

Developed this project using ArduinoTechnology
Designed and implemented a bird detection and collision avoidance system for aircraft using Arduino technology. Integrated sensors and real-time data processing to detect and alert pilots of bird presence, enhancing flight safety. Demonstrated proficiency in hardware integration and system development for aviation applications.

Transient Dynamic Analysis of composite Aircraft wing structure on loading condition for High-speed impact

Developed this Project using CATIA v5 and ANSYS
Conducted transient dynamic analysis of composite aircraft wing structure under high-speed impact conditions using FEM software like Abaqus. Evaluated stress, displacement, and damage to optimize structural design and ensure safety compliance. Applied advanced material modeling techniques to simulate and predict dynamic responses accurately.

CERTIFICATIONS

Java Programming -

Java

BDA complex Nagarabhavi,
Bengaluru India 560072

(91) 7090873294

naveenkumarnc7@gmail.com

WORK EXPERIENCE

COMPANY NAME - Maini Aerospace

ROLE - Design graduate engineer
trainee in R&D department

DURATION - May 2024-October
2024

- 6 months
- Contributed to product design, process engineering, and documentation for aerospace components.
- Utilized CAD/CAM software for 3D modeling and 2D drawings.
- Performed tolerance analysis and design optimization.
- Collaborated with cross-functional teams to ensure smooth production.
- Worked with renowned clients like HAL, ITP Aerospace, and Safran Aircraft Engines.

TECHNICAL SKILLS

Designing Software- Solidworks, ANSYS, Solid Edge, CATIA (Basics).
Programming Languages: JAVA, HTML.

LANGUAGES KNOWN

Kannada, English, Hindi

EXTRA CURRICULARACTIVITIES

- Drawing
- Singing
- Dance