

Harshitha G

Aeronautical Engineering

Contact

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Skills

Auto CAD

Catia

Ansys Workbench

Languages

English

Kannada

Tamil

Objective:

- To be the best learner and the best performer in your organization, so that I can build an innovative career in your organization by using my skills
- Driven to learn quickly, advance computer proficiency, and training in industry operations. Flexible and hardworking team player focused on boosting productivity and performance with conscientious and detail-oriented approaches.

Work Experience:

Dec 2021- Present

TE Connectivity

Position: Associate CAD Engineer

Education:

2017-2021

B.E: Aeronautical Engineering

ACS College of Engineering

CGPA: 7.1

2015-2017

Pre-University: PCMB

MLA PU College

Percentage: 59.5%

2005-2015

SSLC

St Claret School

Percentage: 79.04%

Project:

Title: Design, Analysis, and Optimization of wing spar of NACA 65-415

Description:

- In this project, we design the I-section beam of wing spar for a tapered wing by considering wing spar dimension using designing software, then the calculation of load distribution throughout the wing spar.
- The meshed model of an I-section beam is analyzed for different materials such as alloy, metal matrix composite, and ceramic matrix composite under uniformly distributed load and point load conditions for von-mises stress, normal stress, and total deformation conditions.
- The obtained result is compared to know the advantage and disadvantages of the different materials used in the analysis process.

Internship:

March 2021 – April 2021

- Moog India Technology Centre Pvt. Ltd
- During the internship at MITC, I learned about Model-based systems engineering and also gained knowledge about the international Council on systems engineering.
- Later on, discussed and understood the aircraft axis systems and flight control systems (Primary systems and Secondary systems).
- And gaining knowledge about control systems which includes knowledge about fully powered flight controls, power actuated systems, and digital controls.

Certifications:

- Completed Diploma in Product Design
- Completed career edge course offered by TCS iON
- Participated in national level webinar series – AEROVISION 2020 conducted by NITTE
- The Internship program at MITC in the systems Engineering Department as an intern trainee on Basic of the flight control system

Industrial Exposure:

- National Aerospace Laboratories (NAL)
- Hindustan Aeronautics Limited (HAL)
- Orient Flights Aviation Academy

Curricular Activities:

- Member of newsletter committee
- Part of NSS
- Volunteer for blood camp at college
- Part of organization team for KALAM 89, college function
- Volunteer for village survey