

Abhin Krishna P

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Career Objective

Mechanical Engineering Graduate offering well-developed technological expertise in CATIA and ANSYS. I possess hands on experience on scripting. Looking for an opportunity to secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

Education

Master's certification program in (Course name), SKILL-LYNC

B.Tech Mechanical Engineering, Cochin Institute of Science and Technology, Kochi | 8.29/10 (2022)

12th, Govt HSS, Anchalumoodu | 84.5% (2017)

10th, Govt HSS, Anchalumoodu | 90% (2015)

Technical Skills:

Design: CATIA V5, SOLIDWORKS, AutoCAD

CAE or FEA:

- Pre-Processor: ANSA
- Solver: Radioss, ANSYS Workbench

CFD: ANSYS Fluent

Internships or In-plant Training: Ashok Leyland Plant 1

Project Trainee, Hosur -(1 month)

- Assistance in creating the new layout of the CNG engine Testbed
- Creating the Work Instruction Sheet in the Engine Assembly
- Template for rocker-arm to check valve timing

Course Projects

B.Tech Mechanical Engineering

Aerodynamic Optimization of Locomotives using Origami

Aerodynamically optimize the locomotive by introducing a foldable nose-cone and optimizing the nose-cone for minimum drag..

- 3-D modelling of locomotive in SOLIDWORKS
- Drag Analysis using ANSYS Fluent
- Structural Analysis using ANSYS workbench

The results confirms that we can reduce the drag acting on locomotive on introducing a foldable nose-cone

Certifications

NPTEL Certification on Robotics – Silver Medal

Languages:

- English: Good Proficiency
- Malayalam: Native Proficiency

- Hindi: Average Proficiency
- German: Basic Proficiency

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