

LAKSHITA JAIN

Sophomore NIT Kurukshetra

Profile

Mechanical designer with experience on mechanical products

Backed by advanced skills in CATIA / ANSYS / AUTOCAD

Contact



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Academic Qualifications

B.Tech - National Institute Of Technology, Kurukshetra (2020 - 2024)

Senior Secondary (XII), Science RPS Sr Sec School (CBSE board) Year of completion: 2020

Skills

Ansys



CAD



Catia



Interpersonal Skills



Research and Analytics



Market Research



Trainings

ANSYS TRAINING

Learnt :

How to perform effective Modal Analysis
Thermo- structural Analysis , Static- structural Analysis
Static - structural in 1D,2D,3D using Ansys Workbench
How to apply Ansys to research and Academic project

Personal Projects

Centrifugal Pump Impeller

- It presents the modelling and structural analysis involved in Centrifugal Pump Impeller. This project is an effort towards communicating the fundamental idea to gain expertise and competence as drafter in my individual capacity.
- Link :**
https://drive.google.com/file/d/1AHvam7HOhBjkntDhFa_Q-9QlwiY88ZEC/view?usp=sharing

Spur Gear Modelling and Structural Analysis

- Spur gears are widely used in power transmission. Efforts have been carried out for modeling using 3D modeling software CATIA2 and finite element analysis of gears using ANSYS WORKBENCH to find the stresses and deformation.
- Link :**
<https://drive.google.com/file/d/11hSqLaUeiv8l88ed5rxP5e4xNqGoUNOU/view?usp=sharing>

Positions of Responsibilities

- 1) Led a team of 33 different minds for a month
- 2) Conducted a webinar in NIT Kurukshetra (strength 500 participants)
- 3) Volunteer Student Ambassador in IIT Gwahati
- 4) Member of Business Plan society in NIT Kurukshetra

Accomplishments/ Additional Details

Selected in Dream icon internship by Internshala
Google Development Students Club
Freelancer
Content writer (1st position in nationals awarded by District Commissioner)
Guinees Book of World Record event participant