



**Objective:** To seek an Internship and work in a technical environment that will help improve my skills .

**PROFILE:**

- 1.CAD shape reconstruction from 3D meshes using mesh Segmentation
2. Response Surface Modeling for Leakage Calculations
3. Modelling rules for simulation of Aircraft systems physical layers
4. Quality checking process for Aerodynamic Data

## EDUCATION

Program	Institution	%/CGPA	Year of completion
Dual Degree in Mechanical Engineering(Product Design) [Minor: Industrial engineering]	Indian Institute of Technology Madras, Chennai	8.38*	2017
XII(Andhra Pradesh State Board)	Narayana Junior College Vijayawada	97	2012
X (Andhra Pradesh State Board)	National High School	92.83	2010

## SCHOLASTIC ACHIEVEMENTS

\* END OF 5 SEMESTERS

- Awarded **INSPIRE** scholarship for being in top 1% in 12th standard A.P state board exams.
- Was amongst top 0.5% in Joint Entrance Exam conducted by IIT's.

## COURSE WORK&LABS

\*ON GOING

- Fluid Mechanics
- Design of Transmission system \*
- Turbo machines
- Material design & Strength Of Materials
- Design of machine elements
- Kinematics and Dynamics of machinery
- Basic Electrical Engineering
- Electrical Sciences Lab

## SKILLS

- Solidworks ,AutoCAD, Matlab ,Creo, Adams .
- Knowledge of programming languages- Proficient in languages like C, C++(basic),Python, Php, SQL.

## PROJECTS

- **DESIGN OF PIPELINE INSPECTION GAUGE** (supervised by Dr.Krishnan balasubramanian) **Ongoing**  
✓ Designed a pipeline Inspection Gauge to find internal defects inside heater tubes .
- **DESIGN OF TEST RIG** ( supervised by prof. Sujatha Srinivasan)  
✓ Designed a test rig to find the number of cycles, Maximum force the Knee joint can with stand.
- **AUTOMATIC LAPTOP COOLING PAD**  
✓ Part of team of ten which designed a laptop cooling pad, where its speed varies with heat generated.  
✓ Mainly focused on improving efficiency of battery by decreasing power consumption of normal cooling pad.

## POSITIONS OF RESPONSIBILITY

- **Core-Web Operations** ,Mechanical Branch **Ongoing**  
✓ Responsible for conducting web related events in mechanical branch
- **Super coordinator- IITM** web operations team **Ongoing**  
✓ Responsible and played a key role in developing the Student portal website, mess registration portal , Election portal and other hostel and institute websites.

## CO-CURRICULAR /EXTRA-CURRICULAR ACTIVITIES

- Won first prize in Under 15 AP chess championship from my town in the year 2009.
- One of the five teams selected for final round among 300 teams participated in HINDU YOUNG WORLD QUIZ In the year 2009.
- NCC cadet and B-certificate holder.
- My hobbies include Old coin collection, playing Cricket, Badminton, solving Rubik's cube