

# RESUME

**LOGESHWAR P,**

Mechanical Engineering,

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## CAREER OBJECTIVE:

To work in a learning and challenging environment utilizing my skills and knowledge to be the best of my abilities and contribute positively to the growth of the organization as well as my personal growth.

## EDUCATIONAL QUALIFICATION:

Course	Board of study	Institution	Year of passing	Percentage
B.E Mechanical Engineering	Anna University	Government College of Engineering (Autonomous) - Bargur	2022	85% (First Class with Distinction)
HSC	State Board	Savariyappa Udayar Memorial Higher Secondary School, Royappanpatty	2018	82.75%
SSLC	State Board	Government High School, Thekkampatty	2016	94.8%

## INTERNSHIP AND TRAININGS :

### 1. NLC, Neyveli

**Mar-Apr 2021**

- Two weeks internship on “A study on drive drum and life and it's failure” at Neyveli Lignite Corporation India Limited, Neyveli.
- Completed two weeks training on “3D-Modelling-Product Development” at GCE, Bargur.

## PROJECT:

### 1. Design and modal analysis of centrifugal pump impeller using Ansys Workbench

**Sep-Jan 2021**

- Designing and analyzing strength of impeller for different materials like Mild Steel, Stainless steel, and to compared its Natural frequencies by using modal analysis in Ansys Workbench.

### 2. Design and Static structural analysis of spur gear using ANSA.

**Jun-Oct 2021**

- Designing and analyzing the strength of the mild steel, aluminum alloy spur gears by using Catia V5 and ANSA FEA Tool.

### 3. Enhancement of Thermal conductivity of Paraffin based-phase change material used for thermal energy storage application by adding CuO Nano additives.

**Feb-Jun 2022**

- To improve thermal conductivity of the paraffin based PCM by adding high thermal conductivity CuO Nano-particles and compared its thermal conductivities with salt hydrates.

## SKILLS:

- ANSA
- HYPERMESH
- ANSYS WORKBENCH
- Proficient in MS OFFICE. (Excel, Power Point, Word)
- CATIA
- AUTO-CAD (Good work experience in static equipment (Pressure Vessels and Shell & Tube Heat Exchangers))

## WORK EXPERIENCE:

- **Designation:** Design engineer trainee (From July- 2022)
- **Organization:** Genesis engineering and Thermal Solutions Co. Ltd, Chennai.
- **Responsibilities:**
- Mechanical and Thermal Designing Pressure vessels and Shell & Tube Heat exchangers using Manual Calculations and PV-ELITE Designing Tool.
- Drafting, detailing of drawings and cost estimation of Products as per Client's Requirements.

## PROGRAMMING LANGUAGES KNOWN:

- Python

## SOFT SKILLS:

- Team work
- Problem solving
- Communication
- Leadership

## ACHIEVEMENTS:

- I completed "**Lean six sigma yellow belt certification**" which was provided by Ministry of Micro, Small and Medium Enterprises-Technology Development Centre, Chennai.
- I am a volunteer in NSS at college.
- I won kabaddi-divisional match at school level
- Foreign Language "**German**" A1 certification.
- I won 1<sup>st</sup> prize at District level speech competition.

## FIELD OF INTEREST:

- Design
- CAE

## LANGUAGES KNOWN:

English, Tamil, Telugu, German.

## DECLARATION

I hereby declare that the above-mentioned details are true to the best of my knowledge.