**SAJJA SESHU BABU**

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Repalle(Md.),Guntur(Dt.). **Mobile**: 9491476137.

**CAREER OBJECTIVE:**

Looking forward to work with an organization that gives scope to apply my knowledge and skills, and be a part of team that work towards achieving the organizational needs and the growth.

**EDUCATIONAL QUALIFICATIONS:**

* Completed **M. Tech (Machine Design)** from RVR & JC College of Engineering, Guntur affiliated to **ANU** in 2016with **9.40** (CGPA).
* Completed **B. Tech** (**Mechanical Engineering)** from Sasi Institute of Technology and Engineering, Tadepalligudem affiliated to **JNTU Kakinada** in 2013 with an aggregate of **80.11%**.
* Completed **Intermediate** (M.P.C) from Sri Chaitanya Junior College, Guntur in 2009 with an aggregate of **91.6%**.
* Completed **10th class** from Sri Sai Vidyalaya, Repalle in 2007 with a percentage of **88%**.

**TECHNICAL SKILLS:**

Technical subjects : Strength of Materials, Production technology.

Designing tools : Auto CAD, CATIA, Pro E.

Analysis tools : ANSYS.

Other tools : MS Office.

**STRENGTHS:**

* + - Having good learning skills.
* Positive attitude.
* Self motivated.

**EXTRACURRICULAR ACTIVITIES:**

* Participated as a rescue voluntary during floods occurred in my village.
* Organized cricket tournament conducted in our college.

**PROJECT DETAILS:**

**Title : “Simulation of particle impact conditions and their effect on material deposition in cold spray coatings.**

**Description :** This project estimates the impact conditions like velocity and temperatures of the gas and particle using ANSYS Fluent. And also observe stress and temperature distribution of particle on substrate material through the Abaqus.

**Title : “Optimization of spur gear using Genetic algorithm”.**

**Description :** This project involves the optimization of spur gear set for its centre distance, weight and tooth deflections with the decision variables such as module, face width and number of teeth on pinion, and subjected to constraints namely bending stress, contact stress.

**Title : “Fabrication of air conditioning system integrated with water cooler”.**

**Description :** We made a small change in air conditioner. i.e., at the expansion valve the section pipe divided into two sections, one for water cooling and other for air cooling. The pipe is further passed through baffles for better cooling.

**Title :**  **“Study of** **kraft paper manufacturing”.**

**Description :** In this project we observed that how the kraft paper was prepared through the different processes. The major operations involved in this project are making of pulp, removal of impurities, and rolling processes etc.

**HOBBIES:**

* Interested in playing and watching cricket.
* Listening to music.

**PERSONAL PROFILE:**

Name : sajja seshu babu

Date of Birth : 13-04-1992.

Gender : Male

Marital Status : Single

Languages Known : English, Telugu

Nationality : Indian

**DECLARATION:**

I hereby declare that the above information is true and correct to the best of my knowledge.