

SUHIL MULLA.

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❖ Career Objective:

To work in a healthy, innovative and challenging environment extracting the best out of me, which is conducive to learn and grow at professional as well as personal level thereby directing my future endeavors as an asset to the organization.

❖ Educational Qualifications:

Qualification	University	College	Year of Passing	Percentile
B.E	VTU	KLE Dr. MSSCET, Belgaum.	2019	8.735 CGPA
12 th	State Board	RLS PU College, Belgaum.	2015	94.83%
10 th	State Board	St. Xavier's High School, Belgaum.	2013	81.12%

❖ Technical Skills:

- Certification in CMM.
- Certification in CATIA V5.
- Certification in Hyper Mesh.
- Solid Edge.
- ANSYS.
- C Programming.
- Basics of Java.
- Basics of HTML and JavaScript.

❖ Areas of Interest:

- Thermodynamics.
- Fluid Mechanics and Hydraulics.
- 3D Modeling.
- Automobile Engineering.

❖ Training's/Internship's:

- Completed 10 day's internship in "Foundry Processes" at AFC industries, Belgaum in 2017.
- Attended workshop on "Robotics" at BVB College of Engineering and Technology, Hubli in 2017.
- Attended 7 day's training on "Automotive Industrial Simulation Internship", Bangalore in 2018.
- Attended 2 day's workshop on "PLM Software" at KLE MSSCET, Belgaum in 2018.
- Completed 1 month's internship at "Orione Hydraulics Pvt Ltd", Belgaum.

❖ Project Details:

1. CFD SIMULATION ON DIFFERENT GEOMETRIES OF VENTURIMETER.

Description:

The project describes an analytical approach for comparison of for different geometries of four different models to describe the velocity, pressure, turbulence and mass flow rate taken place in the venturimeter and the graphs are plotted. Venturimeter are most commonly used for flow meter's for measuring volumetric or mass flow rate and velocity of fluid flowing through the venturimeter. These work on the principle that a variation of the flow rate through a constriction with a constant cross section area causes a pressure drop suffered by the fluid as it flows through the constriction. The pressure drop is related to the flow rate, and hence variations of the pressure drop can be used to measure variations in the flow rate. Fluent software was used to plot the characteristics of the flow of fluid through meter and Gambit software was used to design 2D model.

2. DESIGN AND FABRICATION OF SHIRODHARA EQUIPMENT.

Description:

The project involves automating the classical Shirodhara process. Shirodhara is a form of Ayurveda therapy that involves gently pouring liquids over the forehead and can be one of the steps involved in Panchakarma. The liquids used in Shirodhara depend on what is being treated, but can include oil, milk, buttermilk, coconut water, or even plain water. From ancient time the Shirodhara procedure was done in a traditional way. The classical Shirodhara instrument is manually operated. As there is need for up gradation and to reduce human efforts and automate the process, there are certain modifications to be done in the existing equipment, which we are doing in our project. Main objectives of our project are: to completely automate the process, to maintain constant temperature throughout the process, recollect and pump the fluid, the process should operate for 45 minutes and the nozzle should oscillate smoothly over the forehead. All these requirements are achieved by using electronic and mechanical components together.

❖ Internship Details:

1. AMIT FERRO CAST INDUSTRIES.

Description:

Amit Ferro Cast Industry is a casting industry which manufactures pump casing and different parts of a pump. During the internship I got to see various foundry processes right from pattern making till cleaning of the final castings. Also I got the opportunity to understand the actual working of induction furnace. During the internship I also learned about burnt sand and fresh sand handling along with different machines used in casting industry.

2. AUTOMOTIVE INDUSTRY SIMULATION INTERNSHIP.

Description:

Automotive Industry Simulation Internship is a learning program conducted by Experts Hub organization. During the course of internship, I gained the knowledge about automobile engines, power transmission system, suspension and braking. The learning program also included hands-on on assembling and disassembling of different automobile engines. They also gave us topics to study and prepare reports according to standard formats. After the internship program I completely understood the working and concept most of the parts of an automobile.

3. ORIONE HYDRAULICS PVT. LTD.

Description:

Orione Hydraulics Pvt. Ltd established in 1992 and has grown over the past 26 years providing integrated engineering solutions in oil hydraulics customers of domestic and export markets. The company manufactures hydraulic units like hand pump, power pack system, hydraulic jack, bolt tensioners etc. During the period of internship, I got the opportunity to see the various machining operations and different manufacturing processes. I gained the practical knowledge about machining, tool and material handling, quality checking, assembling of parts etc. also I learnt using measuring instruments according to the industrial methods.

❖ Strengths:

- Adaptable.
- Diligent.
- Team player.
- Competent.
- Energetic.

❖ Extracurricular Activities:

- Runners up of “Departmental Basketball” in 2012.
- Winner of “Techno-quest” event of ‘Invento-2k17’ in 2017.
- Participated in “Quizophile” event of ‘Invento-2k17’ in 2017.
- Member of “SAE INDIA” from 2017.
- Winners of “Inter-class Cricket Tournament” in 2018.
- Organized “Cricket Tournament” in 2018.

❖ Personal Details:

DOB	:	10/04/1997.
Address	:	H.No 2529, Durgah galli, Opposite Bus stand, Raibag, 591317.
Languages Known	:	English, Hindi, Kannada and Marathi.
Hobbies	:	Painting, Listening to music, Travelling, Playing outdoor games.

Declaration:

I do here by declare that the above particulars are true and correct to the best of my knowledge and belief.

Date:

Place: Belgaum.

Suhil Mulla.