**CURRICULAM VITAE**

**SHISHIRA VARADA**

# 800, 8th Cross, 4th stage

Yaraganahalli New Area

Mysuru-570029

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**CAREER OBJECTIVE:**

Seeking a challenging career where I can utilize my academic technical knowledge & significantly contribute to growth of Organization with hard work & dedication

**ACADEMIC AND PROFESSIONAL QUALIFICATIONS:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Specialization** | **College** | **Aggregate %** | **Year** |
| M Tech | Thermal Power Engineering | MVJ college of engineering, Bangalore | 71.29 | 2013-15 |
| BE | Mechanical | Vivekananda college of engineering and technology  at puttur(DK) | 68.75 | 2009-13 |

**Work Experience: 1 year** experience has **Maintenance Engineer** in

**Sri Chamundeswari Sugars Limited,** Mandya Dist. Karnataka 571422**.**

**TECHNICAL SKILLS:**

* **HVAC (Heating, ventilation and air conditioning): I have been gaining the training skills.**
  + - Designing and drafting of HVAC.
    - Electrical load calculation.
    - Heat load calculation.
    - Duct designing.
* **Ansys 15.0 : Fluent solver**
* **Basic knowledge of C**
* **Solid Edges: 2d drafting,3d modeling**
* **Ansys 10.0 : Structural and Thermal Analysis**

**PROFESSIONAL EXPERIENCE AND ACCOMPLISHMENTS:**

**#1 PROJECT TITLE:** **“PERFORMANCE ANALYSIS AND TESTING OF AUTOMOTIVE AIR FILTERS”** in M Tech completed in MVJ College, Bangalore.

* Software used in order to complete the project is Ansys14.5 with solver fluent.
* This project deals with how pressure drop affects the working of airfilters.
* How the PPI of the foam filter medium affects the pressure drop across the air filter.

**#2 PROJECT TITLE: “DESIGN AND ANALYSIS OF FOUR STROKE DIESEL ENGINE WORKING ON HHO GAS DERIVED FROM WATER”** in BE completed in VCET, Puttur (DK).

* This project deals with production of Hydrogen gas from water.
* The produced Hydrogen gas is used to run CI engine.
* The performance of CI engine is estimated and also an effect of hydrogen gas on CI engine is determined.

**PROFILE AND STRENGTHS:**

* Ready to take responsibilities
* Focused and hardworking with excellent communication and inter- personal skills
* Target and achievement oriented with an ability to take up challenges

**PERSONAL ASSESSMENTS:**

* Positive attitude, fast learner, Adaptable
* Equally comfortable working individually and in groups
* Honesty and Dedicated

**FIELD OF INTEREST:**

* IC engines
* Design of aerodynamic structure
* working of Rankin cycle

**ACTIVITES:**

* College topper in BTD subject.
* Best clay model in clay model competition from engineering college
* Won 3rd place in drawing competition from High school

**PERSONAL DETAILS:**

|  |  |
| --- | --- |
| **Father’s Name** | Ms.Chikkavaradaiah |
| **Father’s Occupation** | Teacher |
| **Religion** | Hindu |
| **Gender** | Male |
| **Marital Status** | Single |
| **Languages Known** | English, Kannada,Hindi |
| **Date of Birth** | 20/09/1991 |

**DECLARATION:**

I hereby solemnly declare that the above given information and particulars are true to the best of my knowledge & belief.

**Place**: Mysuru

**Date:** 06/8/2017 Shishira varada