**CURRICULUM VITAE**

**Kiran Kumar M**  # 05, Singarahalli Village,

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## Karnataka (State)

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## OBJECTIVE

Looking forward for a challenging career that would expand my knowledge and enhance my skills and provide advancement based on demonstrated accomplishments and proficiency.

## PROFESSIONAL EXPERIENCE

Fresher

## TECHNICAL EXPERTISE

* **AUTO CADD ,**
* **Solid Edge ,**
* **CNC – Programming**

## EXTRA CURRICULAR ACTIVITIES

* Actively participating in playing cricket ,football & volley ball.
* Member of college cricket team.
* Member of college organizing committee
* Reading books

## TRANINING EXPOSED TO

* Internship training at **“ASK AUTOMOTIVE (P) LTD”** for a period from 07-07-2015 to 25-07-2015.
* Participated in **“NATIONAL DESIGN COMPETITION”** conducted by CADD training services Pvt.Ltd. during February- March 2015
* Presented a journal paper on **“SLIDING WEAR STUDY ON FREE CUT BRASS ALLOY”** in international conference on Mechanical, Civil, Electronics and Communications and Computer Science Engineering (ICMCECE-16) held on 23rd April 2016 at Bangalore Technological Institute, Bangalore-560035

The material chosen for this study is extensively used in automatic screw machine products. In this study, it is aimed to present the experimental results of wear conducted on heat treated and non-heat treated brass. Heat treatment temperatures selected are 500 and 600 on specimens as per ASTM standards. This paper involves the graph of hardness value v/s heat treatment temperature and wear rate v/s heat treatment temperature as per results obtained on different conditions.

## ACADEMICS

* Bachelor of Engineering (Mechanical Engineering) from C.Byregowda Institute of Technology (Visveswaraiah Technological University) in 2016 with an aggregate of 61.42%
* Diploma in Mechanical Engineering from Bharath Polytechnic Bangarpet (Karnataka Board of Technical Education) in 2012 with an aggregate of 66.7%
* SSLC from Santhosh English high school Bangarpet in 2006 with 59.68%

## PROJECTS DESCRIPTION

* Bachelor of Engineering Project on **“Comparative Study on Heat Treated Free Cut Brass Alloy”**

In this present investigation the effects of furnace heat treatment on properties such as compression strength, hardness, wear resistance and microstructure variations on the free cut brass has been studied. Different mechanical tests were conducted and the results were compared with the base alloy and the furnace heat treated alloy.

* The heat treated of 5000C free cut grass has more compression strength when compared to others. It is found that maximum compression strength is of about 900 N/mm2.
* The effect of heat treatment on weight loss reveals that there is a decrease in weight loss for a heat treated brass of 500oC compare to the base brass and the brass of 600oC heat treated.
* The effect of heat treatment also reveals that there is decrease in wear rate for a heat treated brass of 500oC compare to the base brass and the brass of 600oC heat treated for different loading.
* The wear rate is increasing for all the conditions of different loading.
* The hardness is higher for 500oC and 600oC heat treated samples compared to base brass.
* Diploma in Mechanical Engineering Project on **“RFID Student Security System”**

**RFID STUDENT SECURITY SYSTEM:**

This project is RFID based student security system. In this project student having RFID cards, while entering to college he has to swap his RFID card after swapping security code will be sent to particular student mobile number previously it has been registered and after entering the college the HOD or some other authority will get the SMS that particular student entered the college using GSM modem. The SMS which as been received that also can be displayed in the computer by using the software called **“HYPER TERMINAL”.**

**INTRODUCTION TO RFID:**

Radio frequency Identification (RFID) is an automatic identification method, replying on storing and remotely retrieving data using devices called RFID tags or transponders. The technology requires some extent of co-operation of an RFID reader and an RFID tag.

## KEY SKILLS/VALUES

* Ready to take Responsibility/Ownership.
* Problem-Solving/Reasoning/Creative
* Positive Attitude.
* Interested in learning new things.
* Good Communication skills.
* Fast Learner/Flexible/Adaptable.
* Team builder

## PERSONNAL INFORMATION

* Father’s Name : Munikrishna M
* Date of Birth : 03-07-1990
* Marital Status : Single
* Nationality : Indian
* Languages Known : English, Hindi, Kannada, Tamil and Telugu

**( KIRAN KUMAR M )**