**HARI KRISHNAN PALANISAMY**

[dominba96@gmail.com](mailto:dominba96@gmail.com)

+91 8489484987

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills in the field of mechanical engineering and to seek a career in the automotive industry.

**EDUCATION**

B.E - Mechanical Engineering. November 2018

Sri Krishna College of Engineering and Technology, Coimbatore, India.

CGPA – 6.75/10.

**EXPERIENCE**

Amazon CJB (INDIA) – Customer Service Associate September 2018 – February2019

RV industrials - Junior Engineer (Product planning and control) February 2019 - April 2020

**PROJECTS**

* Design, Fabrication and Racing of 80cc MINI BIKE
* Design and fabrication of Five Operations Machine

**NATIONAL AUTOMOTIVE EVENTS**

**SUPRA SAE India Student Formula 2016**

The primary objective of the competition was to design a stable and the safest race vehicle for the driver. The car designed and fabricated by our team is an open-wheeled single passenger F3 type race car. I primarily focussed on the roll cage design where triangulation of bars is a base for the vehicle's safety and stability. I contributed in the design and development of engine air intake system, which comprises of Plenum, Restrictor and Runner, and in the modification of throttle body diameter according to the Restrictor. Because of the efficient design and optimum performance of the vehicle, my team secured 8th prize out of 126 competitors in total.

**RIDE 2K15,2K16**

Having led the Five-member team of mechanical students, I worked in design and fabrication of mini 80cc dirt bike. After a thorough study on material selection and the screening process, I selected the most suitable chassis material and developed a steel trellis chassis according to the given dimensions. To provide high initial torque I had modified the air intake system using a small plenum and a restrictor which resulted in a good initial torque. The main reason we were able to achieve this power output was because of the indigenously developed chamfered exhaust which had the right amount of back pressure.

**TECHNICAL VENTURES & WORKSHOPS**

* **Inplant Training**

1. Lakshmi Technology and Engineering Industries Limited, Coimbatore Aug 2017
2. ROYAL ENFIELD, Thiruvottiyur, Chennai Feb 2018

* **Industrial visits**

1. Plant visit to Ammarun foundries, Coimbatore. July 2015
2. ISRO Satellite centre, Bangalore Aug 2015

* **Workshops**

1) Conceptual modelling and animation of automotive components using CREO

2) Composite materials in automobiles

3) Current developments in automobiles

4) Vehicle simulation by using CATIA

**CO CURRICULAR AND EXTRA CURRICULAR ACTIVITIES**

* KRISHINNOV innovative science project runner up
* RIDE Event 2015 "BEST REMODELLING" AWARD
* YUKTHI Mini dirt bike event Runner up 2015
* Inter College Mini bike contest runner 2015
* NCC best cadet winner
* IELTS 6.5
* Certified with a British English Council Certificate (Preliminary)
* Awarded Grade 6 with Distinction for Graded Examination in Spoken English conducted by Trinity College, London

**INTERPERSONAL SKILLS**

Positive attitude

Leadership skills

Flexible and adaptable

Problem solving & decision-making skills.

**HOBBIES**

Riding

Swimming

Fitness

Philately

**PERSONAL DETAILS**

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| --- | --- | --- |
| Date of Birth | : | 24/04/1996 |
| Gender | : | Male |
| Nationality | : | Indian |
| Languages known | : | English, Hindi, Tamil, Telugu, Kannada, German (A1) |
| Address | : | 2B, Block-B, Sunnyside apartment, Ramlakshman, Sowripalayam, Coimbatore-641-028 |