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**OBJECTIVE**

To succeed in an environment of growth and excellence, work on my self-development and help achieve personal as well as organizational goals.

**EDUCATION**

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| --- | --- | --- | --- |
| Degree | Year of Passing | University/School | CGPA/Percentage |
| Bachelors in Technology (Mechanical Engineering) | 2013-2017 | Hindustan University, Chennai | 7.6 |
| Higher Secondary | 2012-2013 | Lady Andal Venkatasubba Rao Matriculation Higher Secondary School, Chennai | 75% |
| X Standard- ICSE Board | 2010-2011 | Sishya School, Chennai | 69% |

**PROJECTS**

* Final Year Project at UCAL Fuel System Limited on “Performance study of fuel systems based on BS4 emission norms”
* In-plant training at Ford Motor Private Limited from 22nd June to 26th June 2015

**ADDITIONAL CERTIFICATIONS**

* Certificate of participation in SUPRA SAEINDIA 2016 in July 2016
* Certificate of participation in Formula FSI 2016 in December 2015

**PROJECT DESCRIPTION**

**Final Year Project| UCAL Fuel Systems Limited, Chennai |February 2017 – March 2017**

The project was to study the performance of fuel systems based on BS4 Emission norms. The project involved studying of the carburetor,its construction and design and focussed on improving vehicle emissions.

**Roles and Responsibilities**

* Changing parameters like air-fuel ratio,dimensons of inner parts and using devices like catalytic convertor to reduce the emission
* Testing using testing rigs like gasoline test rig and chassis dynamometer
* Calculating the mass emissions obtained from the values
* Conclusion of the project was reached when the data(measurement of the emissions) from the calculations matched the BS4 emission norms set by the Automotive Research Association Of India(ARAI)

**Open wheel race car |SUPRA SAEINDIA | February 2016 – June 2016**

 The project involved building a formula styled race car for the SUPRA SAEINDIA competition.

**Roles and Responsibilities**

* Learning of cooling systems relating to Internal Combustion Engine(ICE) like radiators and fins
* Replacing the old cooling system(radiator) with a new one
* Radiator design and performance calculations using Heat and Mass Transfer(HMT)
* Testing the performance of the radiator by running the car on the road

**Open wheel race car |Formula Student India(FSI)| September 2015 – December 2015**

 The project involved building a formula styled race car for the Formula Student India competition.

**Roles and Responsibilities**

* Fabrication work like cutting,welding and assembling
* Designing a working double wishbone suspension
* Testing the suspension along with the finished racecar on the road

**INTERSHIPS**

**Internship Project| Ford Motor Company, Chennai |September 1st 2017 – November 30th 2017**

The intership was in the Purchasing Operations department of Ford Motor Company in its Perungudi office in Chennai.

**Roles and Responsibilities**

* Learning the major divisions inside the purchasing department.
* Observing the functions of the production(automobile related) and non-production(office related) teams which include the process of placing purchasing orders to other automotive component suppliers.
* Working in softwares WIPS(World wide integrated Purchasing System), CMMS(Common Material Management system) and EDMS(Electronic Document Management System) to help in placing the purchase orders for the department.
* Working with the ED&T(Engineering Design and Testing) team to control capital flow.
* Working with green belt teams in the six sigma process of suspended payments.