**KIRAN **

email: kiran.387713@2freemail.com

**OBJECTIVE**

Seeking new opportunities in corporate arena and open to contract positions.

## ACADEMIC PROFILE

|  |  |  |  |
| --- | --- | --- | --- |
| **Qualification** | **Board/University** | **Year** | **Percentage** |
| **B.E (Mechanical Engineering)** | Bhajarang Engineering College, AnnaUniversity | 2011-2015 | 80% |
| **Higher Secondary** | Vijayantha Model Higher Secondary School | 2011 | 87.6% |
| **Secondary** | Kendriya Vidyalaya C.R.P.F | 2009 | 67.8% |

## PROFESSIONAL SKILLS

* Master Diploma Product Design and Analysis- Cadd Centre Avadi

Softwares known –

Creo 2.0, Catia V5R20 & Ansys 14.5

Diploma in Civil Computer Aided Design - Cadd School Avadi

Softwares known–

Auto cad Mechanical 2016.

## PROFESSIONAL WORK EXPERIENCE

* **Company Name** - WABCO India Limited , Ambattur Industrial Estate,Chennai-600058 (From November 2016 to Till date)

**Designation-** Design draftsman (Production Engineering Department) under Lean Equipment Development based on Automation and facility.

## MAIN PROJECT

* + **Performance test on diesel engine by using toroidal piston by varying the fuel injection pressure.**

**Description:** Modifying the standard hemispherical piston bowl to toroidal bowl and conducting performance test in order to assess brake power, efficiency, specific fuel consumption and emission by reducing the compression ratio and varying the fuel injection pressure.

## MINI PROJECT

* **Design and fabrication of Blade-less Turbine (Tesla turbine)**

**Description:** A bladeless turbine is designed to derive electrical power through rotation of its disk by applying compressed air from the compressor. It works based upon boundary layer effect.

**INDUSTRIAL VISIT**

* Ashok Leyland, Ennore.
* Sugar Factory, Thiruvelangadu.
* Thermal Power Plant, Chennai.

**AREA OF INTEREST**

* Nuclear Engineering
* Strength of Materials
* Design Engineering

# PERSONAL DETAILS

**Date of birth** : 30/12/1993

**Nationality** : Indian

**Gender**  : Male

**Languages known** : Tamil, Malayalam, Hindi and English