

K**.** NISANTH

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Thirunagar

Ponmalai

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**OBJECTIVE**

An effective Engineer who does his duties with the ethics and moral principles and also a hard working person with excellent inter personal skills to attain a satisfaction in any working environment.

**EDUCATIONAL QUALIFICATION**

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| --- | --- | --- | --- | --- |
| **COURSE** | **INSTITUTION** | **BOARD/ UNIVERSITY** | **YEAR OF PASSING** | **PERCENTAGE/ CGPA** |
| B.E  (MECHANICAL) | JeppiaarEngineering College, Chennai. | Anna University  Chennai | 2018 | 7.72 |
| HSC | S.R.V. MatricHr. Sec. School,Trichy. | State Board | 2014 | 94.67% |
| SSLC | Railway Mixed High School, Trichy. | AngloIndian Board | 2012 | 94.2% |

**CREDENTIAL**

* Won **Third Rank** in University examinations during third semester in our department of academic year 2015-2016.
* Won **Second Prize** in **“Business Plan”** conducted by “**SAEINDIA COLLEGIATE CLUB**” in intercollege competition.
* Won **Second Prize** for Outstanding Performance at **“School Annual Sports Meet”** 2011-2012.

**FIELD OF INTEREST**

* Automobile Engineering
* Manufacturing

**TECHNICAL PROFICIENCY**

**FIELD OF INTEREST**

**FIELD OF INTEREST**

SOFTWARE KNOWN **:** Basic ofAuto-CAD,CATIA.

**PROJECT**

**FIELD OF INTEREST**

**FIELD OF INTEREST**

**PROJECT TITLE:** PERFORMANCE IMPROVEMENT OF WINDOW AIR CONDITIONING SYSTEM USING NANO PARTICLES (TIO2).

**DESCRIPTION:**Due to ozone depletion and high global warming potential of hydrochlorofluorocarbon refrigerant R22, and it will been decided to phase out HCFCs by 2030 in all developed countries.Hence it is essential to develop new refrigerant mixtures which are ecologically friendly in nature to replaceR22.So in this project we decided to use R410a used as alternate for R22 in window air conditioning system because R-410A contains no chlorine at all, its ozone depletion potential (ODP) is zero and also we are using POE oil with TiO2 as compressor oil instead of mineral oil.

**MINI PROJECT:** DESIGN AND FABRICATION OF ELECTROMAGNETIC DISC BRAKING SYSTEM.

**DESCRIPTION:**In this Project we are trying to make a Braking System which can be applicable in two wheeler. Here we use an Electromagnetic Coil and Plunger. There is an Electromagnetic Effect which moves the Plunger in the braking direction. When the electricity is applied to the field, it creates a Magnetic Flux. This Flux will transferred in the direction opposite too that off rotating disk. This involves the conversion of kinetic energy in to heat. This will slow down the moving vehicles.

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**EXTRACURRICULAR ACTIVITY**

**FIELD OF INTEREST**

**FIELD OF INTEREST**

* Took part in two days hands-on training in “**LIGHT VECHILE ENGINE AND TRANSMISSION SYSTEM**”organized by our department.
* Participated in “Aero Modeling” Conducted by “**SAEINDIA COLLEGIATE CLUB**” in inter college competition.
* Attended 15 days **CAT TRAININIG PROGRAM** conducted by **“VISTA MIND”**in our college.
* Participated in Resource mobilization For Humanitarian Cause Conducted by **“INDIAN DEVELOPMENT FOUNDATION”**
* As a Member in **“HELPAGE INDIA”** for creating awareness and assisting in raising funds for the care of elderly, irrespective of race, religion, caste or creed.
* Attended 2 days seminar on “**EMERGING TRENDS IN MATERIAL ANDTECHNOLOGY**” *(ETMAT-2017).*
* Attended 15 days **INTERNSHIP TRAINING** in **“HEROHONDA”** showroom and service.
* As a Coordinator in Cultural **“MECH FLARZE”** Conducted by our Department.

DATE : (K.NISANTH)

PLACE: