**CV NO: 1523610**

**MECHANICAL ENGINEER / MEP ENGINEER**



Date of Birth **:** 17th Jan 1993

|  |  |  |
| --- | --- | --- |
| Sex | **:** | Male |
| Nationality | **:** | Indian |
| Marital Status **:** Single |
| Language | **:** Tamil, English |
|  |  | (Read, Write |
|  |  | & Speak). |

**Objective**

To be a unique person and fully fledged performer- identifying each option of a firm and to export my abilities and responsibilities to elevate an organization.

**Education Details**

**Degree**: B.E

**Branch:** MECHANICAL ENGINEERING

**ACADEMIC EXPOSURE:**

|  |  |  |
| --- | --- | --- |
| COURSE | INSTITUTION | PERCENTAGE |
|  |  |  |
|  | SRI KRISHNA | 8.34 CGPA |
| B.E | COLLEGE OF |  |
|  | TECHNOLOGY | (2010-2014) |
|  | COIMBATORE |  |
|  |  |  |
|  | MANI HIGHER | 87.75 |
| H.S.C | SECONDARY |  |
|  | SCHOOL- | (2009-2010) |
|  | COIMBATORE |  |
|  |  |  |
|  | R.K.SHREE | 90.8 |
|  | RANGAMMAL |  |
| SSLC | KALVI NILAYAM |  |
|  | HR SEC SCHOOL. |  |
|  | COIMBATORE | (2007-2008) |
|  |  |  |

**Professional experience:**

**Company**: National fittings limited,Coimbatore,India.

**Designation**: Design engineer.

**Tools used:** SOLIDWORKS 2015, AUTOCAD LT2016.

**Period**: July 2014 to July 2015

**Responsibilities:-**

* Changing design according to customer requirement.
* Increasing efficiency of the design by weight reducing, easier mold separation techniques etc.
* BOQ preparation for HVAC layouts.
* Preparation of die drawing for various components.
* Preparation of jaw drawing for tapping and grinding operations.
* Bill of material creation and weight calculation for assembly.
* Visualization of the 2d sketch by converting it into 3-D model.
* Detailing of the component.
* Maintaining ISO records of the department.

**Technical abilities**



1. PRO-E (part modelling, assembly, drafting)
2. SOLIDWORKS(part modelling, assembly, mold preparation, detailing)
3. ANSYS 10(basic stress analysis, thermal analysis)
4. AUTOCAD( 2-d drawing skills)
5. Design of HVAC system according to ASHRAE standards
6. Design of fire fighting system according to NFPA standards.
7. Design of plumbing systems according to UPC standards.

**Courses attended:**



* + Completed professional **HVAC** training program from ACE INDIA Training Institute, Cochin
1. Heat Load Calculation
2. Equipment Selection
3. Air Distribution System
4. Ventilation & Exhaust Systems
5. Piping
6. Static Pressure Calculations
7. Pump Selection
8. Air Conditioning Concepts
	* Completed professional MEP Training program from ACE INDIA Training Institute, Cochin

**FIRE FIGHTING**

|  |  |  |
| --- | --- | --- |
| 1) | Fire Sprinkler System | 2) Hydraulic Analysis |
| 3) | Fire Pumps selection | 4) Design of Fire Detection & Alarm System |

**PLUMBING**

1. Supply Water System
2. Drainage Water System
3. Vent System
4. Storm Water Management

**Academic Project**



MINI PROJECT: Design and analysis of bicycle frame.

MAIN PROJECT: Fabrication of composite gear using powder metallurgy.

**Activities:**



* Participated in “**METERING ENERGY LOSSES IN THERMAL SYSTEMS**” held at Anna

University Chennai.

 Participated in one day workshop on “**INTERNAL COMBUSTION ENGINES**” held at Coimbatore

Institute of Technology.

* Participated in one day workshop on “**DESIGN AND**

**DEVELOPMENT OF JIGS AND FIXTURES FOR ADVANCED MANUFACTURING INDUSTRIES**” held at KPR institute of engineering and technology.

**Strength**

* Flair to move with theme dynamics.
* Good team worker.
* Perseverance attitude.
* Try to deliver beyond expectations.

**Hobbies**



* Surfing internet.
* Playing and watching Cricket.

**Declaration**



I hereby declare that the above information’s are true to the best of my knowledge. If I get a chance to serve in your organization, I would prove myself and would serve my level best for the growth of the organization.

Place: Dubai.