**Abdul**

[**Abdul.373478@2freemail.com**](mailto:Abdul.373478@2freemail.com)

**Objective**:

An astute learner and goal oriented professional, seeking an opportunity to work in a competitive environment through which I can contribute to the development of the organization by taking additional responsibilities and also gain immense professional growth.

**Educational Background**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE** | **INSTITUTION** | **BOARD** | **YEAR OF PASSING** | **PERCENTAGE**  **(%)** |
| B.E. Mechanical Engineering | SRM Valliammai college of Engineering | Anna University/AICTE | 2016 | 6.43  (CGPA) |
| Higher Secondary | Mount Zion.Mat.Hr.Sec.School | State Board | 2012 | 89.83 |
| High school | Mount Zion.Mat.Hr.Sec.School | Matriculation | 2010 | 84.4 |

**Area of Interest**:

* Automobile.
* Renewable energy resources.
* Quality and maintenance.

**Software known:**

* AutoCad.
* Ansys.
* Hourly analysis program.

**Training and Certification:**

* Have undergone technical training at UNIQUE MEP ENGINEERING ACADEMY and got certified as **Diploma in MEP-MECHANICAL DESIGNING AND DRAFTING.**
* HVAC (Heating Ventilation and Air Conditioning).
* Plumbing.
* Fire Fighting.

**Design exposure**

**HVAC**

* Heat Load calculation using E20 and HAP (Hourly Analyzing Program).
* Equipment & Air Terminal selection.
* Duct Design using Manual Calculation & Duct Sizer Software.
* Chiller and VRF Design, chiller pump selection, pipe Design using pipe sizer software.
* Fan Design using ESP Calculation.
* Ventilation design for car parking, Kitchen & Toilet.
* Staircase Pressurization in High Rise Building.

**PLUMBING**

* Terrace Loop Calculation and Calculate a Pipe Size using Pipe Sizer.
* Water Quantity Calculation for High Rise Building. Design of OGT, OHT tanks and Pump Design.
* Calculation of Hot Water Demand for High Rise Building, Heater and pipe Design.
* Drainage Design, Selection of Single, Two & Three Stack System.
* Design of Horizontal Drain, Vertical Stack, Horizontal Sewer.
* Design of Septic Tank, Soak Away Pit & Dispersion Trenches.
* Design of Rain Water Pipe Sizing.
* Design of Auto pneumatic System,Fountain, Garden irrigation.

**FIRE FIGHTING**

* Design of Automatic Sprinkler System, Fire Extinguishers system for Building.
* Design of Fire Hose & House reel system.
* Design of Heat and smoke sensor.
* Design of Fire Alarm system and Man Emergency Point system.
* Design of Foam system and Gas suppression system.
* Design of Fire Tank and Fire pump for a Building.

**Projects:**

* Design and fabricating **Hand operated mixer-grinder,** using **gear train mechanism** as a part of mini project.
* Theoretical study in **Shape memory alloy** was done in the year 2014.
* Main project on **Testing of biomass in combustor** using **Coir pith** as fuel.

**Internships and Industrial visit:**

* Completed **internship in L&T CONSTRUCTIONS**, Hyderabad (**metro rail project**) in December 2015.
* **HMT Machine Tools** Ltd, Bangalore
* **Ashok Leyland** Industries Ltd, Chennai

**Extra-Curricular Activities:**

* Secured winner-up in **Hand ball** under 19 (**divisional level**) sports meet held in Pudukkottai in 2012.
* Secured winner-up in **Volley ball** under 17 (**district level sports**) meet in Pudukkottai in 2010.
* Represented state in **Hand ball** under 19 (**state level**) sports meet.

**Interpersonal skills:**

* Motivator
* Leadership skills
* Smart worker

**Posts Held:**

* Coordinator **of Renewable Energy Club** in SRM Valliammai Engineering College from the year 2014.
* **Cultural coordinator** in SRM Valliammai Engineering College, coordinated cultural for **NAAC Team** (National Assessment and Accreditation Council) on 14th January 2015.
* **Class representative** in SRM Valliammai Engineering College in the **Department of Mechanical** from 2013.

.

**Declaration:**

I hereby affirm that all information furnished by me in this resume is true and correct to the best of my

Knowledge.