

**MUKESH KAPOOR**

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**ADDRESS:** Gali no2, Krishanapuri, Sirohi-307001(Rajasthan)

**To work in challenging & growth oriented environment so as to apply my technical and analytical skills for the benefit of both, the organisation and myself. I can be a good hard working person for the organisation which is providing me the good opportunity to grow.**

**Location Preference:** Ahmedabad | Bangalore | Pune

## PROFILE SUMMARY

- **B.E. (Mechanical)** From **Gujarat Technological University, Gandhinagar**
- Well versed concept of **Production, Automobile, Quality**
- Conversant with **IT Tools** like MS Office (Word/Excel/PowerPoint)
- Excellent team player with strong analytic and organizational skills; ability in learning new concept quickly, managing work pressure & communicating ideas clearly

## ACADEMIC DETAILS

Course	University/Board	Passing Year	CGPA/Percentage
B.E.(Mechanical Engineering)	Gujarat Technological University	2017	8.35
H.S.C.	Board of Secondary Education Rajasthan	2012	74
S.S.C.	Board of Secondary Education Rajasthan	2010	75.67

## AREA OF INTEREST

Production| Maintenance| Design| Automobile| Quality| HVAC

## ACADMIC PROJECT

- **Title: HVAC Design and Drafting for Ground Plus 4 Floor Commercial Building Each Floor Have Different Air Conditioning System.**

**Tools Used:-** AUTOCAD, Duct Sizer, E-20 Sheet for Heat Load Calculations.

- **Title: Performance Enhancement in Cooling Tower with Minimizing the Use of Electricity**

**Objective:** - In our project are main objective is to increase the efficiency of cooling tower and minimum use of electricity. For this in our evaporating cooling tower, we are trying to increase the rate of evaporation to the maximum. This is achieving in our project by using of mosquito nets in the tower, Nets helps to increase the surface area of contact, thereby its increasing the efficiency and the rate of evaporation.

(Aug-2016 to Apr-2017)

- **Title: Digital Fuel Indicator**

**Objective:** -To provide actual details about how much fuel in our fuel tank and reduce fuel thieving.

(Aug-2013 to Apr-2014)

## CERTIFIED SKILLS

**Certification Course in HVAC Design and Drafting from NSDC of India.**

**Computer Aided Design Software: AUTO CAD.**

## TECHNICAL SKILLS

- Heat Load Estimation (NBC), Equipment selection, Duct Design & sizing (ASHRAE & SMACNA) and Static Pressure Calculations.
- Applied Psychometric and Fundamentals of Refrigeration and Air-conditioning.
- Designing of HVAC equipment's such as AHU's, Chiller systems, VRV/VRF systems,
- Cooling towers and Ventilation Units.
- To study the drawings, tender documents and specifications of all HVAC related works and preparation of Bill of Quantities.
- Geometric Dimensioning and Tolerancing (GD&T), Machining Techniques and Manufacturing Processes.

## INTERNSHIP

**Organization: Bharat Heavy Electricals Limited, Bangalore**

**Duration: 24 Days**

(Dec.-2016)

## MEMBERSHIP

**International Association of Engineers (IAENG)**

**Membership Number- 195269**

## LANGUAGES

English

Hindi

Gujarati

## PERSONAL DETAILS

Father's Name: Kapua Ram Patel

Mother's Name: Falu Devi

Date of Birth: 19<sup>th</sup> May 1996

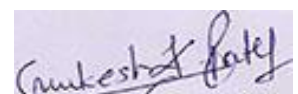
Marital Status: Unmarried

## HOBBIES

- Travelling
- Watching Movie
- Cricket
- Chess

## DECLARATION

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.



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