

# Vineeth J M

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Kerala, India.



## Career Objective

Seeking to employ my experience and realize my potential in a competitive corporate environment which would push me to the best of my creative abilities and professional growth. I intend to build a career as a Successful Engineer in a reputed and Progressing organization which will help me to explore myself fully and realize my potential.

## Academic Qualifications

Year	Institution	Board ( Aggregate)
2023	Master in Business Administration	IGNOU
2019	Post Graduate Diploma in HR Management	IGNOU
2012	Jayamatha Engineering College, Kanyakumari, TN (Mechanical Engineering )	Anna University (71.4%)
2008	Kendriya Vidyalaya Pangode, Trivandrum	AISSCE (12 <sup>th</sup> ) (65%)
2006	Kendriya Vidyalaya Pangode, Trivandrum	C.B.S.E (10 <sup>th</sup> ) (75.6%)

## Computer Skills

Computer Knowledge : MS Office, MS Excel  
OS Exposure : Microsoft Windows 7, Windows XP

## Certification

Completed Online certification programme on International Trade Logistics and Global Sourcing designed And delivered under the PM Gati Shakti National Master Plan by the Indian Institute of Foreign Trade

## Professional Experience

### **ASCOM VENTURES PVT LTD**

As Mechanical Engineer (HVAC) from August 2021 to Jan 2024

- Training the graduates and professionals in duct designing .
- Pipe sizing using MQUAY TOOL & Pump selection in chiller piping,
- Heat load calculation using E20 method .
- Preparation of BOQ.
- Handling HVAC projects.

## **BHARAT STARS SERVICES PVT LTD**

As Assistant Aviation Officer at Trivandrum International Airport from August 2017 – November 2020.

### **Responsibility –**

- To carry out fueling operations in a standard manner.
- Authorized for quality control signatory.
- Conduct safety and quality control tests required for efficient fueling operation.
- Planning and allocating the man-power.
- Maintain the documentation.

## **Skemco Engineers India (p) Ltd. (Aug 2014-june 2015)**

### **□ HVAC Design Engineer/Trainer.**

(Training the graduates/professionals in duct designing & pipe sizing using MQUAY TOOL, Pump selection in chiller piping, Heat load calculation using E20 method and HAP Software, Exhaust fan selection, Preparation of BOQ)

## **HEVACO Cooling Systems (P) Ltd: March 2013 to April 2014**

(Authorized Channel Partner and SSP of Voltas Air – Conditioners)

### **Responsibilities: HVAC Engineer (Designing and Management-Projects)**

- Taking Site Measurement, location and other technical details for calculation.
- Estimation of Heat Load on the building (interior) based on the site inside/outside conditions from the prior site assessment.
- Preparation of rough sketch to locate Indoor Outdoor Unit location.
- Preparation of Quotation/Bill of Materials based on the available information.
- Designing the HVAC Projects – Duct sizing/routing using Autocad tool.
- Selection of Supply and Return grill/diffuser.
- Estimation of Quantity of material for the Project.
- Execution of the Project.

### **□ Projects Handled:**

- Design and Execution of 75 TR Ductable Project M Squared Building-Techno Park.
- HVAC Designing for the Trivandrum Medical College Multi storey Hospital Building. (Polytrauma Project)
- Design and Execution of Ductable Project at HLL lifecare Trivandrum.

### **□ ROLE - PROJECT ENGINEER:**

- Planning & scheduling the whole project.
- Conduct meeting with sub contractors for Duct-work.
- Calculation of GI sheets, Thermal, Acoustic insulation and materials required for the given work.
- Execution and Coordination of the work for in time completion.
- Making bill of quantities for the work.
- Take part in meeting in presence of Client, Consultants and other MEP Engineers to hear and give suggestions /needs.

### **□ ROLE –AS A HVAC DESIGNER**

- Proper Assessment/ Measurement of Site.
- Meeting with Architect and Client to know their HVAC Requirements.
- Based on the site knowledge calculate the Heat Load using E20 Software to finalize the Tonnage.
- Selection/Positioning of AC Unit Based on the calculation and Assessment.
- Designing the duct layout (AutoCAD) based on Equal friction method using MQuay Design Tool.
- Calculation of fresh/Exhaust Air CFM of room for selection of fan.
- Grill/Diffuser Selection for the proper Air distribution.

☐ **PersonalStrength**

- Confident, Hardworking.
- Industrious, optimistic and adaptable.

☐ **Interest and Hobbies**

- Listening toMusic.
- Meditation and Physical fitness
- Cooking.

☐ **Extracurricular activities and achievements**

- Member of school cricket team and participated in national level cricket tournament continuously for 3 Yrs.
- Scout (Till Rajyapurskar).
- Participatedandwonprizesinschoolandcollege levelculturalprograms.

☐ **PersonalDetails**

- Date of Birth : 2 Jan1990
- MaritalStatus : Married
- Father's name : C. Madhusudhanan Nair (Retired Govt servant)
- Mother'sname : B Jayakumari
- Languages Known : English, Hindi, Malayalam andTamil
- Passport No. and Date of Expiry : X9727774 ,05-06-2033

☐ **Reference**

- Prof. Chithra kumar V.K(9447388488)
- Asstprofessor,
- Dept of Mechanical Engg.-Sree Chithra Thirunal College ofEngineering

**Declaration**

I hereby declare that all the details furnished above by me are true to the best of my knowledge and belief.

(Thiruvananthapuram)  
Kerala,India.

(Vineeth JM)

